

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING
October-December 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

OCTOBER 1985

K E Y	DAY	ORIGIN TIME			GEOGRAPHIC		DEPTH	MAGNITUDES			NO. STA USED	REGION, CONTRIBUTED	MAGNITUDES	AND	COMMENTS
		HR	MIN	SEC	LAT	LONG		GS	Ms	Ms					
	01	00	03	16.5	28.041 N	140.795 E	33 N	4.8		0.9	32	BONIN ISLANDS REGION			
	01	00	23	21.6*	28.054 N	140.913 E	33 N	4.7		1.3	14	BONIN ISLANDS REGION			
	01	01	58	28.0	52.156 N	176.227 W	141	4.6		1.1	40	ANDREANOF ISLANDS, ALEUTIAN IS.			
	01	02	38	16.0	50.874 N	130.102 W	10 G	4.3		1.3	32	VANCOUVER ISLAND REGION			
	01	02	48	54.2*	41.495 N	22.360 E	10 G			0.5	7	YUGOSLAVIA. ML 2.4 (THE).			
	01	03	37	33.4*	18.025 S	178.402 W	649	4.4		0.7	19	FIJI ISLANDS REGION			
	01	04	26	06.2*	17.814 S	72.725 W	33 N	5.0		1.4	10	NEAR COAST OF PERU			
	01	04	45	53.4*	37.272 N	121.637 W	6				14	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK). Mo=9.3*10**19 (BRK).			
	01	05	25	06.3*	35.121 S	178.834 W	33 N	4.5		1.1	13	EAST OF NORTH ISLAND, N.Z.			
	01	05	25	21.6*	46.796 N	120.047 W	1				5	WASHINGTON. <SEA>. ML 2.5 (NEIS).			
	01	05	27	22.2*	28.231 S	176.249 W	10 G	4.9		1.0	15	KERMADEC ISLANDS REGION			
	01	05	35	14.2	13.377 S	166.228 E	55 *	5.3	5.2	1.2	112	VANUATU ISLANDS			
	01	05	56	48.5*	8.075 S	120.141 E	192 *	4.8		1.4	19	FLORES ISLAND REGION			
	01	06	35	21.5	31.249 S	69.969 W	33 N			1.1	13	SAN JUAN PROVINCE, ARGENTINA			
	01	06	53	11.5*	46.788 N	120.047 W	2				6	WASHINGTON. <SEA>. ML 2.5 (NEIS).			
	01	09	48	43.5*	28.469 N	56.921 E	55 *	4.6	3.9	1.0	28	SOUTHERN IRAN			
	01	10	01	44.8	13.669 N	120.766 E	119	4.6		1.0	49	MINDORO, PHILIPPINE ISLANDS			
	01	10	39	01.7	13.330 N	44.844 W	10 G	5.0	4.5	1.0	48	NORTH ATLANTIC RIDGE			
	01	10	40	32.0	41.474 N	22.318 E	10 G			0.5	6	YUGOSLAVIA			
	01	10	48	33.9*	7.89 S	129.91 E	124 ?	4.2		1.3	8	BANDA SEA			
	01	10	51	11.0*	13.463 N	45.025 W	10 G	4.8	3.9	1.4	20	NORTH ATLANTIC RIDGE			
	01	11	26	31.6*	28.186 N	140.800 E	33 N	4.6		1.5	27	BONIN ISLANDS REGION			
	01	11	37	24.3	43.070 N	18.294 E	10 G			0.6	7	YUGOSLAVIA. ML 2.6 (TTG).			
	01	11	41	47.8	42.258 N	19.155 E	10 G			0.8	6	YUGOSLAVIA. ML 2.8 (TTG).			
	01	11	45	29.3*	42.277 N	19.357 E	10 G			1.2	5	YUGOSLAVIA. ML 2.5 (TTG).			
	01	11	49	37.8*	42.281 N	19.313 E	10 G			1.1	6	YUGOSLAVIA. ML 2.5 (TTG).			
	01	11	59	53.7*	40.182 N	123.019 W	15 G			1.5	5	NORTHERN CALIFORNIA. ML 2.9 (BRK).			
	01	12	28	12.1*	42.278 N	19.224 E	10 G			1.0	5	YUGOSLAVIA ML 2.6 (TTG).			
	01	13	21	01.7	41.478 N	22.260 E	18			1.2	28	YUGOSLAVIA. ML 3.5 (THE). Felt (V) in the Negotino-Demir Kapijo area and (IV) at Stip, Valandovo and Strumico.			
	01	13	25	02.7	41.474 N	22.310 E	10			1.1	26	YUGOSLAVIA. ML 3.5 (THE). Felt (V) in the Negotino-Demir Kapijo area and (IV) at Stip, Strumico and Valandovo.			
	01	13	31	03.5*	61.522 N	3.547 E	10 G			0.5	6	NORWEGIAN SEA. DUR 3.0 (BER).			
	01	13	34	54.2	41.467 N	22.389 E	10 G			0.6	6	YUGOSLAVIA			
	01	14	40	55.6*	59.298 N	6.947 E	0 G			0.3	6	SOUTHERN NORWAY. DUR 2.5 (BER). Probable explosion.			
	01	15	10	44.5*	24.41 N	123.75 E	33 N	3.7		0.6	7	SOUTHWESTERN RYUKYU ISLANDS			
	01	15	54	51.1	52.296 N	168.856 W	33 N	5.7	5.4	1.0	227	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR), Ms 5.4 (BRK), 5.0 (PAS). Felt (III) at Nikolski.			
	01	16	12	55.1*	42.212 N	19.329 E	10 G			0.9	5	YUGOSLAVIA. ML 2.4 (TTG).			
	01	16	31	59.5	50.577 N	176.506 E	33 N	4.9		1.4	24	RAT ISLANDS, ALEUTIAN ISLANDS			
	01	17	01	42.8*	52.516 N	168.881 W	33 N	4.9		1.2	16	FOX ISLANDS, ALEUTIAN ISLANDS			
	01	17	05	31.6*	33.798 S	179.199 W	33 N	5.0		1.2	22	SOUTH OF KERMADEC ISLANDS			
	01	17	17	58.5*	39.185 N	70.153 E	33 N	4.6		1.6	15	TAJIK SSR. Felt (IV) at Garm, (III) at Dzhirgotol and Dushanbe.			
	01	19	09	09.2	11.555 S	114.799 E	33 N	5.2		1.3	38	SOUTH OF BALI ISLAND			
	01	19	43	38.4	40.233 N	27.287 E	10 G			1.2	12	TURKEY			
	01	21	00	53.6	41.469 N	22.392 E	10 G			0.6	10	YUGOSLAVIA. ML 3.0 (THE).			
	02	00	09	12.1*	35.020 S	178.426 W	33 N	4.5		1.4	13	EAST OF NORTH ISLAND, N.Z.			
	02	00	14	45.2*	28.551 N	140.786 E	33 N			1.4	11	BONIN ISLANDS REGION			
	02	01	40	44.5*	41.996 N	142.534 E	73	4.5		1.2	23	HOKKAIDO, JAPAN REGION. Felt (II JMA) at Urakawa.			
	02	02	21	06.7	14.076 N	91.742 W	33 N	4.8	4.5	1.2	49	GUATEMALA			
	02	02	32	53.8	41.474 N	22.304 E	17	3.8		1.1	65	YUGOSLAVIA. ML 3.9 (THE), 3.8 (TTG). Felt (VI) in the Negotino-Demir Kapijo area, (IV) at Titov Veles, Stip and Valandovo, (III) at Skopje.			
	02	03	16	27.0	43.929 N	151.369 E	42 D	5.4	4.4	0.8	203	KURIL ISLANDS REGION			

02	03	57	25.17	40.28	N	25.54	E	10	G	1.4	10	AEGEAN SEA	
02	04	27	53.57	17.87	N	101.58	W	10	G	0.4	5	NEAR COAST OF GUERRERO, MEXICO	
02	05	03	25.27	17.39	N	101.66	W	33	N	0.7	7	NEAR COAST OF GUERRERO, MEXICO	
02	07	49	52.8	52.349	N	168.783	W	33	N	4.8	1.0	89 FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR).	
02	08	03	29.17	39.99	S	70.78	W	33	N	4.6	1.2	16 ARGENTINA	
02	08	33	47.23	38.856	N	27.842	E	10	G	1.3	10	TURKEY	
02	08	44	15.9	44.177	N	16.150	E	10	G	0.3	6	YUGOSLAVIA	
a	02	09	45	27.3	16.958	S	177.149	W	33	N	4.9	4.8	1.2 65 FIJI ISLANDS REGION
02	09	46	14.7	58.360	N	154.960	W	33	N	4.5	1.0	17 ALASKA PENINSULA	
02	09	57	54.5	33.263	S	71.847	W	10	G	0.3	9	NEAR COAST OF CENTRAL CHILE	
a	02	10	49	36.6	14.960	S	178.721	W	414	*	4.2	0.9	15 FIJI ISLANDS REGION
02	11	23	51.9	36.958	N	5.637	W	10	G	1.1	9	STRAIT OF GIBRALTAR	
02	12	15	33.7	44.664	N	112.080	W	5	G	0.5	11	EASTERN IDAHO. ML 3.3 (NEIS).	
02	12	41	35.87	19.26	S	169.63	E	33	N	3.7	1.5	9 VANUATU ISLANDS	
02	13	19	53.6	16.717	S	176.980	W	33	N	4.7	5.0	1.4 14 FIJI ISLANDS REGION	
02	13	41	47.9	43.022	N	1.408	E	16		1.4	27	FRANCE. ML 3.8 (LDG).	
02	15	53	14.8	18.980	S	168.866	E	164	*	4.7	1.4	23 VANUATU ISLANDS	
02	16	33	50.7	27.082	N	89.745	E	46	*	4.4	1.4	14 BHUTAN	
02	16	50	37.3	59.299	N	6.935	E	0	G	0.3	6	SOUTHERN NORWAY. DUR 2.5 (BER). Probable explosion.	
02	17	53	03.9	32.134	N	95.454	E	63	*	4.5	1.4	15 TIBET	
02	18	12	12.4	28.441	N	141.126	E	92	?	4.7	1.3	24 BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.	
02	19	44	38.7	38.461	N	115.682	W	5	G	0.5	14	NEVADA. ML 3.5 (NEIS). Felt at Tonapah and Warm Springs.	
02	19	47	11.8	37.996	N	22.024	E	33	N	1.1	5	SOUTHERN GREECE. ML 3.0 (ATH).	
02	19	55	56.17	39.03	N	23.08	E	10	G	0.1	5	AEGEAN SEA. ML 2.2 (THE).	
02	20	36	20.5	19.276	S	169.684	E	33	N	4.6	1.4	19 VANUATU ISLANDS	
a	02	20	40	02.8	19.499	S	169.843	E	38		5.6	5.1	1.1 131 VANUATU ISLANDS
02	20	55	27.07	31.89	S	71.79	W	10	G	0.4	8	NEAR COAST OF CENTRAL CHILE	
02	20	57	04.37	32.97	S	70.90	W	10	G	1.3	6	CHILE-ARGENTINA BORDER REGION	
02	21	31	36.4	36.473	N	70.139	E	217		4.8	0.9	138 HINDU KUSH REGION	
02	22	06	59.9	26.748	S	26.605	E	5	G	1.4	8	REPUBLIC OF SOUTH AFRICA	
02	22	32	16.2	19.854	S	169.313	E	82	*	3.9	0.8	9 VANUATU ISLANDS	
02	23	44	12.4	34.030	N	117.250	W	15	*	4.1	53	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.7 (BRK). Felt (V) at Banning, Bryn Mawr, Colton, Corona, Hesperia, Loma Linda, Moreno, Patton, Riverside and San Bernardino. Felt in Riverside, San Bernardino, Los Angeles and Orange Counties.	
02	23	45	23.3	36.648	N	140.874	E	33	N	0.9	8	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito.	
03	00	28	35.47	32.92	S	72.21	W	11		0.4	10	OFF COAST OF CENTRAL CHILE	
03	01	22	14.47	19.35	S	169.28	E	222	*	3.8	1.4	8 VANUATU ISLANDS	
03	01	32	55.6	51.350	N	6.760	E	10	G	0.9	7	GERMANY. ML 2.0 (BNS).	
03	01	35	08.5	41.456	N	22.247	E	10	G	0.5	7	YUGOSLAVIA. ML 2.7 (THE). Felt in the Negotina-Demir Kapija area.	
03	01	35	40.9	39.452	N	27.958	E	10	G	1.1	10	TURKEY	
03	01	57	51.3	39.416	N	27.885	E	10	G	1.3	8	TURKEY	
03	02	37	02.6	35.915	N	140.032	E	10	G	1.3	6	NEAR EAST COAST OF HONSHU, JAPAN	
03	03	15	44.1	2.125	N	79.348	W	33	N	4.4	3.8	1.1 12 SOUTH OF PANAMA	
03	03	24	51.67	16.92	S	29.08	E	10	G	0.6	5	ZIMBABWE	
03	04	01	58.1	4.760	S	151.938	E	150	*	4.0	0.7	7 NEW BRITAIN REGION	
03	04	50	02.6	1.592	N	79.621	W	10	G	4.7	3.8	1.3 23 NEAR COAST OF ECUADOR	
03	05	10	26.9	16.858	S	177.232	W	33	N	4.7	1.2	24 FIJI ISLANDS REGION	
03	06	29	56.6	17.565	N	100.686	W	81	*	4.3	1.1	29 GUERRERO, MEXICO	
03	06	37	17.2	19.526	S	169.501	E	65	?	4.3	1.1	8 VANUATU ISLANDS	
03	08	37	35.1	32.876	N	85.634	E	33	N	4.3	0.7	6 TIBET	
03	11	57	33.8	35.152	N	135.886	E	19		4.8	1.2	82 SOUTHERN HONSHU, JAPAN. Felt (III JMA) at Osaka, (II JMA) at Kyoto, Hikone and Tsu, (I JMA) at Fukui, Toyooka and Iida. Also felt at Kanazawa.	
03	12	38	20.27	42.87	N	21.33	E	10	G	1.2	6	YUGOSLAVIA. ML 2.4 (IVA).	
03	14	16	10.7	16.957	S	176.918	W	33	N	4.9	1.2	29 FIJI ISLANDS REGION	
03	15	03	14.0	15.554	S	72.591	W	120	D	4.7	1.2	33 SOUTHERN PERU	
03	15	14	17.7	39.619	N	27.891	E	10	G	0.3	6	TURKEY	
03	15	40	59.6	1.324	N	85.386	W	10	G	1.1	8	OFF COAST OF ECUADOR	
03	16	04	10.07	31.17	N	130.61	E	180	*	4.2	0.9	11 KYUSHU, JAPAN	
03	17	42	25.9	38.037	N	16.355	E	61	*	4.3	0.9	37 SOUTHERN ITALY	
03	18	07	38.2	36.500	N	71.604	E	80	*	5.4	1.1	195 AFGHANISTAN-USSR BORDER REGION. Felt (III) at Khorog, Kulyab and Dushanbe, USSR. Felt at Peshawar, Pakistan.	
03	18	25	12.7	40.118	N	29.308	E	10	G	0.6	16	TURKEY	
03	19	30	18.5	39.362	N	75.833	E	10	G	5.2	1.1	16 SOUTHERN XINJIANG, CHINA	
03	19	47	07.9	35.206	S	178.886	W	33	N	4.6	1.3	11 EAST OF NORTH ISLAND, N.Z.	
03	19	49	02.4	45.203	N	5.646	E	13			1.0	24 FRANCE. ML 3.1 (LDG).	
03	20	11	36.4	40.136	N	29.271	E	9		3.6	0.7	25 TURKEY	
03	20	23	23.1	29.219	N	83.895	E	14		4.1	1.2	13 NEPAL	
03	20	28	28.37	51.83	N	16.65	E	10	G		0.8	7 POLAND	
03	20	58	46.8	58.673	S	23.088	W	16	D	5.3	0.9	31 SOUTH SANDWICH ISLANDS REGION	
a	03	21	28	02.0	34.778	N	140.826	E	74		5.2	1.1	222 NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Tateyama, (II JMA) at Kofu, Tokyo and Utsunomiya, (I JMA) at Maebashi, Chashi and an Oshima. Felt also at Sendai.
03	22	28	32.1	35.103	N	135.855	E	10	G	0.4	6	SOUTHERN HONSHU, JAPAN	
03	23	23	27.8	51.201	N	15.999	E	10	G	0.8	7	POLAND. ML 3.2 (VKA).	
03	23	53	49.0	39.348	N	75.478	E	10	G	5.2	4.6	0.9 110 SOUTHERN XINJIANG, CHINA	
04	00	50	58.1	28.622	S	177.133	W	145	*	4.4	0.8	11 KERMADEC ISLANDS REGION	
04	02	08	30.9	52.260	N	168.642	W	33	N	4.8	1.0	20 FOX ISLANDS, ALEUTIAN ISLANDS	
04	02	08	47.8	4.274	S	134.863	E	33	N	3.9	1.5	7 WEST IRIAN REGION	
04	02	13	06.9	15.820	N	60.512	W	28			0.4	8 LEEWARD ISLANDS. ML 3.4 (FDF).	
04	03	14	06.57	22.80	S	178.12	W	571	?	4.3	0.8	9 SOUTH OF FIJI ISLANDS	
04	03	50	03.6	36.144	N	120.033	W	10	G		1.4	10 CENTRAL CALIFORNIA. ML 2.5 (BRK).	
04	04	30	27.8	28.153	N	140.610	E	41	*	4.9	1.0	19 BONIN ISLANDS REGION	
04	05	35	03.2	55.504	N	162.524	E	36	D	4.7	1.0	47 NEAR EAST COAST OF KAMCHATKA	
04	06	01	04.7	24.328	N	121.517	E	10	G		0.7	8 TAIWAN	
04	06	59	11.8	36.505	N	71.524	E	80	*	4.9	1.0	53 AFGHANISTAN-USSR BORDER REGION	
04	07	07	47.8	30.360	N	138.370	E	430		4.8	0.7	91 SOUTH OF HONSHU, JAPAN	
04	07	20	14.97	17.00	N	102.20	W	33	N	3.6	1.0	7 OFF COAST OF GUERRERO, MEXICO	

a	04	08 41 37.9	27.558 N	139.964 E	478 D	5.6	1.1	386	BONIN ISLANDS REGION. mb 5.4 (BRK). Felt (III JMA) on Chichi-shima.
	04	09 16 44.7?	17.61 S	72.64 W	33 N		1.5	5	NEAR COAST OF PERU
	04	09 58 09.7?	40.730 N	30.021 E	10 G		1.0	7	TURKEY
	04	10 23 03.3?	17.21 S	175.44 W	296 ?	4.2	0.8	20	TONGA ISLANDS
	04	10 23 37.3	61.340 N	146.891 W	33 N		0.3	8	SOUTHERN ALASKA. ML 2.1 (PMR). Felt.
	04	11 33 04.2?	40.398 N	23.550 E	10 G		0.8	5	GREECE. ML 2.0 (THE).
	04	11 47 01.4*	27.142 N	101.406 E	33 N	4.6	1.6	7	SICHUAN PROVINCE, CHINA
	04	12 03 25.0	27.580 N	140.061 E	461	4.6	0.6	33	BONIN ISLANDS REGION
o	04	12 25 51.8	35.816 N	140.093 E	85	5.9	1.0	398	NEAR EAST COAST OF HONSHU, JAPAN. mb 6.2 (BRK), 6.1 (PAS). Eighteen people injured. Felt (V JMA) at Tokyo, (IV JMA) at Nikka, Tateyama and Kumagaya, (III JMA) at Mito, Kafu and Maebashi. Felt (I JMA) as far north as Obihiro, Hokkaido, south to Hachijo-jima and west to Toyooka.
	04	13 17 21.9	43.621 N	7.991 E	33 N		0.9	38	NEAR SOUTH COAST OF FRANCE. ML 4.0 (LDG).
	04	13 29 53.8?	50.55 N	19.03 E	10 G		1.9	5	POLAND. ML 3.3 (KRA).
	04	13 36 07.7	39.189 N	26.154 E	16	4.0	0.8	49	TURKEY. ML 4.4 (THE), 3.9 (ATH).
	04	13 54 34.9?	39.10 N	25.95 E	10 G		1.4	6	AEGEAN SEA
	04	14 27 07.9*	24.727 N	121.995 E	10 G	4.2	1.5	8	TAIWAN
	04	15 09 13.9	41.451 N	22.380 E	10 G		0.3	7	YUGOSLAVIA. ML 2.4 (THE).
a	04	15 17 07.1	18.304 S	48.433 E	10 G	5.3 5.2	1.0	161	MALAGASY REPUBLIC. One person injured at Ambatandrazaka. Felt at Antananarivo.
	04	15 22 10.1	43.689 N	7.981 E	25		1.1	32	NEAR SOUTH COAST OF FRANCE. ML 3.7 (LDG).
	04	15 50 12.1?	24.54 N	122.04 E	10 G		0.3	5	TAIWAN REGION
	04	15 54 28.0?	15.90 S	171.58 W	33 N	4.9	1.2	9	SAMOA ISLANDS REGION
	04	16 02 58.1*	39.173 N	26.272 E	10 G		0.3	6	TURKEY
	04	16 31 50.4?	52.18 N	169.26 W	33 N	4.5	0.9	8	FOX ISLANDS, ALEUTIAN ISLANDS
	04	16 45 54.6	52.100 N	169.378 W	33 N	4.9	1.1	68	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
	04	17 03 38.0	35.847 N	140.157 E	91	4.3	0.7	19	NEAR EAST COAST OF HONSHU, JAPAN
	04	19 23 22.9?	39.185 N	26.230 E	10 G		0.4	6	TURKEY
	04	19 41 25.1*	30.952 N	131.631 E	61 *	4.4	1.4	19	KYUSHU, JAPAN
	04	22 12 36.6*	29.458 S	178.707 W	258 ?	3.7	1.0	27	KERMADEC ISLANDS
	04	22 13 30.9*	54.326 N	161.751 E	33 N	4.8	0.8	11	NEAR EAST COAST OF KAMCHATKA
	04	22 48 30.0	40.126 N	29.301 E	7	3.9	0.9	39	TURKEY. ML 4.5 (ATH).
	04	23 02 32.9?	40.117 N	29.358 E	10 G		0.7	11	TURKEY
	04	23 11 17.5?	40.083 N	29.407 E	10 G		0.9	10	TURKEY
	04	23 19 25.0*	28.148 N	140.487 E	33 N	5.1	1.4	14	BONIN ISLANDS REGION
	05	00 16 49.6?	39.99 N	29.66 E	10 G		0.2	5	TURKEY
	05	01 20 41.3?	46.317 N	2.180 E	10 G		0.9	16	FRANCE. ML 3.3 (LDG).
	05	01 49 21.3*	51.090 N	15.807 E	10 G		1.3	11	POLAND. ML 3.6 (VKA), 3.4 (KBA).
	05	02 44 26.4?	61.236 N	149.233 W	44			51	SOUTHERN ALASKA. <AGS-P>. Felt at Eagle River and Eklutna Lake.
	05	02 54 07.9*	30.140 S	71.415 W	105 ?		0.7	15	NEAR COAST OF CENTRAL CHILE. Felt (IV) at La Serena.
	05	04 01 57.7	39.731 N	118.663 E	10 G	4.6	1.3	21	NORTHEASTERN CHINA
	05	04 45 48.6?	42.410 N	19.409 E	10 G		0.2	5	YUGOSLAVIA. ML 2.3 (HCY).
	05	05 14 47.7?	17.40 N	101.67 W	33 N		1.4	6	NEAR COAST OF GUERRERO, MEXICO
	05	05 34 14.0?	47.000 N	66.600 W	5 G			8	NEW BRUNSWICK. <OTT-P>. mbLg 4.0 (OTT). Felt at Bathurst.
	05	05 45 54.3?	39.15 N	26.16 E	10 G		1.2	5	TURKEY
	05	06 05 17.3?	43.49 N	16.94 E	10 G		1.3	6	YUGOSLAVIA
	05	06 13 30.0	40.685 N	23.486 E	10 G		1.2	11	GREECE
	05	06 17 34.0?	47.000 N	66.600 W	5 G			3	NEW BRUNSWICK. <OTT-P>. mbLg 3.3 (OTT).
	05	06 55 09.1	17.606 N	101.802 W	33 N	3.6	0.8	18	NEAR COAST OF GUERRERO, MEXICO
	05	08 13 09.1	22.873 N	143.977 E	33 N	5.2 4.9	0.9	134	VOLCANO ISLANDS REGION
	05	08 15 27.4	40.667 N	23.404 E	10 G		0.6	7	GREECE
	05	09 07 37.0?	16.773 N	101.772 W	33 N		0.4	8	NEAR COAST OF GUERRERO, MEXICO
	05	09 59 06.9	6.534 S	130.369 E	61 *	5.0	1.0	51	BANDA SEA
	05	10 56 27.0?	37.09 N	19.57 E	10 G	3.7	0.6	10	IONIAN SEA. ML 3.8 (THE).
	05	11 10 36.4*	15.112 S	173.660 W	33 N	4.8 4.6	1.1	35	TONGA ISLANDS
	05	11 15 51.2?	40.628 N	22.968 E	10 G		0.6	5	GREECE. ML 1.7 (THE).
	05	11 39 47.5	38.883 N	26.899 E	10 G		0.6	10	AEGEAN SEA
	05	13 20 33.2	40.711 N	23.355 E	10 G		0.7	8	GREECE. ML 2.2 (THE).
	05	13 59 33.9	21.897 N	143.955 E	132 D	5.1	1.1	108	MARIANA ISLANDS REGION
	05	14 53 31.1*	4.206 S	135.995 E	33 N	3.7	1.2	7	WEST IRIAN REGION
	05	15 00 55.7*	27.902 N	140.944 E	33 N	5.0	1.2	8	BONIN ISLANDS REGION
f	05	15 24 02.2	62.237 N	124.266 W	10 G	6.5 6.6	1.0	425	NORTHWEST TERRITORIES, CANADA. Ms 6.8 (BRK), 6.2 (PAS). Slight damage (VI) at Wrigley, Nahanni Butte and Fort Liard. Felt (V) at Fort Simpson. Numerous landslides observed in the epicentral area. Felt in parts of Yukon Territory, British Columbia, Alberta and Saskatchewan. Also felt at Juneau, Skagway and Sitka, Alaska. Fluctuation of well water levels observed at Rolla, Missouri.
	05	15 58 38.9*	43.578 N	8.014 E	10 G		0.8	7	CORSICA. ML 3.0 (LDG).
	05	17 07 55.7*	30.804 S	117.315 E	10 G		1.4	5	WESTERN AUSTRALIA
	05	17 12 33.1?	61.700 N	151.340 W	80			33	SOUTHERN ALASKA. <AGS-P>.
	05	17 32 36.7	62.362 N	123.716 W	10 G	4.3	0.7	9	NORTHWEST TERRITORIES, CANADA
	05	18 16 19.7?	50.88 N	20.39 E	10 G		1.4	5	POLAND. ML 2.9 (KRA).
	05	19 07 35.2*	62.163 N	123.725 W	10 G	4.4	0.9	8	NORTHWEST TERRITORIES, CANADA
	05	19 14 25.7?	17.85 N	101.98 W	33 N		0.6	6	NEAR COAST OF GUERRERO, MEXICO
	05	19 42 54.3*	62.007 N	124.621 W	10 G		0.6	5	NORTHWEST TERRITORIES, CANADA
	05	19 52 00.7*	41.451 N	22.293 E	10 G		0.5	7	YUGOSLAVIA. Felt (IV) in the Negotino-Demir Kapija area.
	05	22 11 14.9	50.916 N	90.267 E	33 N	4.6	0.9	19	USSR-MONGOLIA BORDER REGION
	05	22 52 56.8*	21.649 S	68.762 W	155 *		0.8	10	CHILE-BOLIVIA BORDER REGION
	06	00 01 34.7?	17.644 N	101.798 W	33 N		1.0	9	NEAR COAST OF GUERRERO, MEXICO
	06	00 15 57.8*	32.404 S	122.497 E	33 N		0.8	8	WESTERN AUSTRALIA
	06	00 18 08.8?	37.012 N	121.717 W	9			13	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK). Felt at Aptas.
	06	00 24 32.3*	23.212 S	175.069 W	33 N	4.9	1.1	33	TONGA ISLANDS REGION
	06	01 00 57.5	24.233 N	125.191 E	43	4.9 4.8	1.2	59	SOUTHWESTERN RYUKYU ISLANDS
	06	01 15 30.3	62.139 N	124.224 W	10 G	5.0	1.1	94	NORTHWEST TERRITORIES, CANADA
	06	01 34 13.2	4.161 S	136.221 E	33 N	4.9	1.3	21	WEST IRIAN REGION

06	02	16	16.5*	62.122	N	123.616	W	10	G	4.1	1.0	8	NORTHWEST TERRITORIES, CANADA	
06	02	47	59.1	17.609	S	167.821	E	26	*	4.8	1.0	24	VANUATU ISLANDS	
06	03	07	55.0*	44.34	N	114.26	W	5	G		0.3	5	WESTERN IDAHO. ML 2.4 (NEIS).	
06	04	47	57.3*	41.597	N	142.530	E	63	*	4.7	1.5	18	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Hachinohe, Honshu.	
06	04	58	30.9*	28.181	N	140.523	E	63	?	4.6	1.5	14	BONIN ISLANDS REGION	
06	06	07	23.9*	44.36	N	114.26	W	5	G		0.7	5	WESTERN IDAHO. ML 2.4 (NEIS).	
06	06	14	56.7*	43.642	N	8.065	E	10	G		1.0	8	CORSICA. ML 3.3 (LDG).	
06	06	28	40.5*	17.546	N	101.438	W	46	*	4.0	1.2	19	NEAR COAST OF GUERRERO, MEXICO	
06	06	41	34.3*	44.413	N	7.603	E	10	G		0.3	6	NORTHERN ITALY. ML 2.7 (LDG).	
a	06	07	00	19.7	52.030	S	17.893	W	10	G	5.1 4.7	1.1	32	SOUTHWESTERN ATLANTIC OCEAN
06	07	22	23.9*	40.584	N	23.528	E	10	G		0.5	8	GREECE. ML 2.1 (THE).	
06	08	43	10.2*	17.099	N	100.309	W	33	N		0.3	8	GUERRERO, MEXICO	
06	08	59	07.9*	39.106	N	113.078	E	33	N		1.3	5	NORTHEASTERN CHINA	
06	10	01	20.7*	41.098	N	28.587	E	10	G		0.5	8	TURKEY	
06	10	15	33.2*	40.058	N	29.441	E	4			0.5	10	TURKEY	
06	11	00	31.3*	6.941	S	125.040	E	520	*	4.9	0.7	15	BANDA SEA	
a	06	12	00	49.2	18.961	S	169.432	E	273		5.7	0.9	307	VANUATU ISLANDS. mb 6.2 (PAS).
06	12	52	03.4*	80.063	N	113.856	W	10	G	4.7	1.1	17	ARCTIC OCEAN	
06	14	20	14.8	41.454	N	22.282	E	10	G		0.4	9	YUGOSLAVIA. ML 2.3 (THE).	
06	15	18	20.7*	18.50	S	169.46	E	280	*	4.0	0.6	6	VANUATU ISLANDS	
06	15	42	16.4*	18.27	N	102.40	W	10	G		0.7	6	MICHOACAN, MEXICO	
06	17	21	26.0	7.597	S	156.590	E	33	N	3.6	0.4	7	SOLOMON ISLANDS	
06	18	45	28.5*	39.340	N	23.390	E	10	G		1.3	12	AEGEAN SEA. ML 2.9 (THE), 2.7 (ATH).	
06	18	52	15.5*	61.383	N	146.835	W	22				34	SOUTHERN ALASKA. <AGS-P>.	
06	19	02	18.3*	28.172	N	140.691	E	33	N	4.6	1.3	22	BONIN ISLANDS REGION	
06	19	45	19.1*	15.85	N	97.48	W	33	N		0.4	7	NEAR COAST OF OAXACA, MEXICO	
06	19	53	06.8*	17.29	N	101.68	W	33	N		0.7	5	NEAR COAST OF GUERRERO, MEXICO	
06	19	58	22.5	8.587	S	148.782	E	33	N	4.8	1.0	13	EAST PAPUA NEW GUINEA REGION	
06	20	31	29.2*	35.625	N	140.206	E	33	N		0.6	7	NEAR EAST COAST OF HONSHU, JAPAN	
06	20	41	30.7*	38.304	N	26.596	E	10	G		1.5	5	AEGEAN SEA	
06	21	28	34.9*	60.134	N	153.251	W	141				31	SOUTHERN ALASKA. <AGS-P>.	
06	21	29	46.4*	38.938	N	123.028	W	5				12	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.9 (BRK). Felt at Lakeport.	
06	21	38	42.9*	36.47	N	140.57	E	33	N		0.4	5	NEAR EAST COAST OF HONSHU, JAPAN	
06	23	01	04.3*	36.38	S	179.77	E	178	?	4.0	0.9	10	OFF E. COAST OF N. ISLAND, N.Z.	
06	23	01	22.6*	38.952	N	23.321	E	11			1.2	16	GREECE. ML 3.1 (ATH), 3.0 (THE).	
06	23	51	33.2*	22.963	N	122.080	E	31	*	3.8	0.7	7	TAIWAN REGION	
06	23	58	06.6*	23.154	S	66.816	W	250	*		1.1	10	JUJUY PROVINCE, ARGENTINA	
07	00	35	34.9*	51.21	N	6.78	E	10	G		0.9	6	GERMANY. ML 1.7 (BNS).	
07	00	45	45.3	11.584	N	73.044	W	65	?	3.8	1.1	12	NEAR NORTH COAST OF COLOMBIA	
07	02	09	37.6*	44.077	N	70.215	W	7				8	MAINE. <WES>. mbLg 2.3 (WES). Felt at Lewiston.	
07	02	26	41.1	37.520	N	118.800	W	5	G		0.6	13	CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (PAS).	
07	02	46	03.6*	32.62	S	70.74	W	33	N		1.4	6	CHILE-ARGENTINA BORDER REGION	
a	07	03	05	22.1	38.392	N	140.331	E	120		5.0	0.9	195	HONSHU, JAPAN. Felt (II JMA) at Sendai and Ofunato, (I JMA) at Fukushima, Onahama and Miyako. Felt also at Yamagata and Ishinomaki.
07	04	17	25.4*	39.126	N	26.046	E	10	G		0.6	12	TURKEY	
07	06	58	41.1*	42.460	N	18.478	E	10	G		0.5	5	YUGOSLAVIA. ML 2.5 (TTG).	
07	08	53	28.5	5.164	S	151.406	E	115		4.4	0.9	16	NEW BRITAIN REGION	
07	10	13	10.0*	28.194	N	140.649	E	33	N	4.8	1.2	30	BONIN ISLANDS REGION	
07	10	40	00.0*	26.89	N	54.42	E	33	N		1.1	6	SOUTHERN IRAN. Felt at Bandar-e Lengeh.	
07	11	32	11.2	6.042	S	151.491	E	54	*	4.3	0.9	14	NEW BRITAIN REGION	
07	12	25	01.4*	17.78	N	102.74	W	10	G		1.0	9	NEAR COAST OF MICHOACAN, MEXICO	
07	12	50	03.9*	2.59	S	136.13	E	33	N	3.9	1.0	7	WEST IRIAN REGION	
07	13	01	48.6	46.819	N	0.420	W	7			1.1	23	FRANCE. ML 3.8 (LDG).	
07	13	23	41.8*	38.800	N	27.554	E	10	G		1.2	7	TURKEY	
07	13	29	41.4*	38.785	N	27.505	E	10	G		1.3	9	TURKEY	
07	14	30	42.4	19.633	N	147.150	E	33	N	5.1 4.9	1.1	33	MARIANA ISLANDS REGION	
07	15	46	54.6*	37.270	N	121.630	W	7				16	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK). Felt at Morgan Hill.	
07	16	51	11.4	38.958	N	27.743	E	10	G		1.0	10	TURKEY	
07	17	26	17.0*	40.445	N	29.077	E	10	G		0.7	5	TURKEY	
07	17	44	13.3*	37.172	N	88.163	E	10	G	3.5	1.4	9	SOUTHERN XINJIANG, CHINA	
07	19	05	53.4*	10.925	N	122.122	E	25	*	4.5	1.2	25	PANAY, PHILIPPINE ISLANDS	
07	19	27	04.5	11.550	S	118.134	E	33	N	4.7	1.1	14	SOUTH OF SUMBAWA ISLAND	
07	19	42	36.0*	62.395	N	124.359	W	10	G		1.4	6	NORTHWEST TERRITORIES, CANADA	
07	19	58	19.3*	19.747	N	96.173	W	33	N		1.1	13	VERA CRUZ, MEXICO. Felt at Cardel, Jalapa, Poza Rica and Veracruz.	
07	20	15	34.0*	32.360	N	119.390	W	6	G			6	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.2 (PAS).	
07	21	01	20.2	41.180	N	24.089	E	10	G		0.7	14	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).	
07	22	35	01.2*	18.26	N	102.22	W	33	N		0.4	7	MICHOACAN, MEXICO	
07	23	02	45.8*	49.69	N	178.63	E	33	N		0.1	5	ALEUTIAN ISLANDS REGION	
07	23	47	36.8*	35.887	N	140.152	E	73	?		0.7	7	NEAR EAST COAST OF HONSHU, JAPAN	
08	01	25	49.9*	28.770	N	140.362	E	33	N	4.5	1.0	22	BONIN ISLANDS REGION	
08	01	57	53.2*	46.276	N	2.134	E	10	G		0.6	11	FRANCE. ML 2.2 (LDG).	
08	03	13	30.3*	37.063	N	121.470	W	7				15	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).	
08	03	57	51.0	51.000	N	14.727	E	10	G		1.4	8	CZECHOSLOVAKIA. ML 3.4 (VKA), 3.4 (KBA).	
08	04	20	14.3	41.457	N	22.300	E	10	G		0.4	7	YUGOSLAVIA	
08	06	29	20.4*	16.137	N	98.030	W	10	G		1.1	7	NEAR COAST OF GUERRERO, MEXICO	
08	07	14	06.4	3.954	N	96.028	E	65		5.1	1.0	123	NORTHERN SUMATRA	
08	08	13	54.5*	57.705	S	25.099	W	33	N	5.2	0.8	20	SOUTH SANDWICH ISLANDS REGION	
08	08	20	17.2	6.354	S	146.394	E	116	*	4.6	1.0	13	EAST PAPUA NEW GUINEA REGION	
08	09	27	17.6*	23.703	S	67.834	W	242	*		0.8	6	CHILE-ARGENTINA BORDER REGION	
a	08	09	47	24.8	22.825	S	66.311	W	242	D	5.5	0.9	212	JUJUY PROVINCE, ARGENTINA. Felt (IV) at Antofagasta, Chile.
08	10	34	39.3*	38.881	N	26.929	E	10	G		0.3	8	AEGEAN SEA	
08	11	36	08.5	63.652	N	149.297	W	130	?		0.4	10	CENTRAL ALASKA	
08	12	55	23.6*	50.606	N	5.319	E	10	G		0.5	5	BELGIUM	
08	13	24	14.5	53.321	N	164.347	W	33	N	4.9	0.9	53	UNIMAK ISLAND REGION	
08	14	21	54.9	9.532	S	74.514	W	137		4.8	0.8	62	PERU	
08	17	29	53.9*	6.939	S	143.477	E	33	N	4.0	1.2	9	PAPUA NEW GUINEA	
08	19	39	02.5*	28.414	N	140.885	E	33	N	4.7 3.9	1.3	28	BONIN ISLANDS REGION	

08	20 05 24.6	41.431 N	22.302 E	10 G		0.9	10	YUGOSLAVIA. ML 2.3 (THE).
08	20 48 59.1	38.489 N	23.716 E	20		1.2	28	GREECE. ML 3.7 (ATH), 3.6 (THE). Felt in Attiki Province and on Evvoia.
08	21 32 19.4*	14.416 S	66.259 E	10 G	4.7	0.9	17	MID-INDIAN RISE
08	22 11 15.2*	24.339 S	70.398 W	95 *	4.4	1.1	10	NEAR COAST OF NORTHERN CHILE
08	22 17 43.2&	36.168 N	120.235 W	11			25	CENTRAL CALIFORNIA. <BRK>. ML 3.7 (BRK), 4.3 (PAS). Felt (IV) at Coolinga and Cantuo Creek. Felt (III) at Avenol.
08	22 56 37.3?	5.21 S	130.71 E	33 N	3.5	0.9	8	BANDA SEA
08	23 03 33.7%	40.775 N	27.536 E	10 G		0.2	5	TURKEY
09	00 13 01.1	40.792 N	27.483 E	20		1.0	32	TURKEY
09	00 15 54.2%	40.761 N	27.544 E	10 G		0.8	5	TURKEY
09	01 10 38.5%	17.747 N	101.401 W	33 N		0.8	8	NEAR COAST OF GUERRERO, MEXICO
f 09	01 15 04.6	6.791 S	107.082 E	154 D	5.9	1.3	301	JAVA. Felt strongly at Sukabumi. Felt at Jakarta and in western Java.
09	03 46 55.1	21.082 S	174.233 W	66 *	5.1	1.4	70	TONGA ISLANDS
09	03 48 33.0*	5.475 S	78.568 W	68 ?	4.7	1.1	12	NORTHERN PERU
09	04 07 42.6	59.441 N	152.294 W	98	4.8	0.7	63	SOUTHERN ALASKA. Felt (III) at Homer.
09	04 39 50.3%	38.640 N	27.349 E	10 G		1.1	8	TURKEY
09	05 11 19.6%	40.565 N	27.534 E	10 G		0.5	6	TURKEY
09	05 17 23.9?	20.49 S	66.93 W	33 N		0.9	5	SOUTHERN BOLIVIA
09	06 33 24.7?	22.11 S	69.07 W	33 N		1.4	5	NORTHERN CHILE
09	07 18 00.6	44.448 N	114.173 W	5 G		0.6	7	WESTERN IDAHO. ML 3.3 (NEIS).
09	08 04 10.1*	28.279 N	140.947 E	33 N	5.1	1.4	26	BONIN ISLANDS REGION
09	09 00 58.8*	53.647 N	163.263 W	33 N	4.9	1.3	30	UNIMAK ISLAND REGION. ML 4.5 (PMR).
09	09 10 03.0	44.455 N	114.154 W	5 G		0.8	7	WESTERN IDAHO. ML 3.1 (NEIS).
f 09	09 33 32.4	54.765 N	159.613 W	30 D	6.2 6.6	1.0	424	SOUTH OF ALASKA. Ms 6.6 (BRK), 6.6 (PAL), 6.0 (PAS). Slight damage (VI) at Sand Point. Felt (V) at Cold Bay, Chignik Lake and Chignik Lagoon. Felt (IV) at False Pass, King Cove, Perryville and Port Heiden.
09	10 25 06.3*	39.564 N	29.405 E	10 G		0.6	5	TURKEY
09	12 09 00.4?	17.19 N	101.66 W	10 G		0.8	6	NEAR COAST OF GUERRERO, MEXICO
09	12 52 55.0*	43.385 N	23.503 E	10 G		1.5	5	BULGARIA
09	12 56 27.3&	61.383 N	151.897 W	104			23	SOUTHERN ALASKA. <AGS-P>.
09	13 01 44.3?	17.35 N	101.95 W	33 N		0.5	5	NEAR COAST OF GUERRERO, MEXICO
09	13 14 19.6*	42.167 N	24.441 E	10 G		1.4	5	BULGARIA
09	13 26 00.4?	16.92 N	101.88 W	33 N		0.8	5	NEAR COAST OF GUERRERO, MEXICO
09	13 35 23.8	37.600 N	71.985 E	49	4.7	1.0	32	AFGHANISTAN-USSR BORDER REGION
09	13 42 52.2	34.120 S	71.449 W	54	5.1	1.1	39	NEAR COAST OF CENTRAL CHILE. Felt in the Santiago area.
09	14 16 18.9	54.892 N	159.498 W	33 N	5.0	0.8	28	SOUTH OF ALASKA. ML 4.3 (PMR).
09	14 29 54.3&	60.385 N	150.125 W	40			31	KENAI PENINSULA, ALASKA. <AGS-P>.
09	15 36 39.3*	36.917 N	141.725 E	47 *	4.2	1.1	19	NEAR EAST COAST OF HONSHU, JAPAN
09	16 02 57.4?	36.40 N	140.20 E	26 *		0.4	6	NEAR EAST COAST OF HONSHU, JAPAN
09	16 43 28.5%	39.567 N	28.552 E	9		0.6	12	TURKEY
09	16 56 49.0*	41.586 N	23.125 E	10 G		1.0	6	GREECE-BULGARIA BORDER REGION. ML 1.4 (THE).
09	17 08 24.5%	17.364 N	101.308 W	33 N		0.8	7	NEAR COAST OF GUERRERO, MEXICO
a 09	17 23 38.3	21.110 S	174.198 W	66 *	5.2	1.3	72	TONGA ISLANDS
09	17 45 18.4*	28.080 N	140.438 E	33 N	4.9	0.5	5	BONIN ISLANDS REGION
09	19 46 46.9%	40.777 N	30.106 E	10 G		1.3	9	TURKEY
09	21 10 38.4	29.351 S	178.923 W	354 *	4.7	1.2	36	KERMADEC ISLANDS
09	22 27 41.9*	17.332 N	101.458 W	33 N		0.4	7	NEAR COAST OF GUERRERO, MEXICO
09	23 18 42.9%	46.273 N	2.114 E	10 G		0.8	6	FRANCE. ML 1.6 (LDG).
09	23 20 00.0&	37.210 N	116.210 W	0	4.2		35	SOUTHERN NEVADA. <DOE>. ML 4.0 (BRK). 37' 12' 34.81" N., 116' 12' 36.32" W., Tunnel Shot, Working Elev. 1852 m., Shot Time 232000.086, "DIAMOND BEECH", Nevada Test Site (Dept of Energy).
10	00 12 37.5	41.953 N	126.799 W	10 G	4.9 4.7	1.1	88	OFF COAST OF NORTHERN CALIFORNIA
10	00 27 26.9?	41.88 N	126.71 W	10 G	4.2	1.5	12	OFF COAST OF NORTHERN CALIFORNIA
10	01 40 22.5*	32.099 S	71.270 W	83 *		0.9	19	NEAR COAST OF CENTRAL CHILE
10	02 05 39.3*	28.318 N	140.625 E	33 N	5.1	1.5	23	BONIN ISLANDS REGION
10	02 20 45.0	5.579 S	151.577 E	33 N	4.0	0.6	7	NEW BRITAIN REGION
10	02 59 08.6	39.180 N	26.144 E	20		0.7	36	TURKEY. ML 3.5 (ATH), 3.4 (THE).
10	03 44 49.5%	18.815 N	98.024 W	33 N		0.9	5	CENTRAL MEXICO
10	03 50 44.9	40.250 N	27.209 E	10 G		1.2	14	TURKEY
10	04 56 38.8*	17.344 N	101.386 W	10 G	3.6	0.4	9	NEAR COAST OF GUERRERO, MEXICO
10	06 41 46.9&	61.549 N	150.620 W	61			37	SOUTHERN ALASKA. <AGS-P>.
10	06 46 19.3	31.703 S	71.824 W	33 N	4.8	1.1	22	NEAR COAST OF CENTRAL CHILE
10	08 52 44.6	62.097 N	124.346 W	10 G	4.4	1.4	18	NORTHWEST TERRITORIES, CANADA
10	09 46 20.2	41.460 N	22.230 E	10 G		0.7	8	YUGOSLAVIA. ML 2.3 (THE). Felt (III) at Demir Kapija.
10	10 04 32.7&	61.417 N	152.188 W	113			43	SOUTHERN ALASKA. <AGS-P>.
10	10 06 40.7&	47.749 N	120.265 W	7			6	WASHINGTON. <SEA>. ML 2.6 (NEIS). Felt at Chelon, Entiat and Manson.
10	10 19 54.8	26.782 N	54.916 E	44	5.0 4.7	0.9	158	SOUTHERN IRAN. Four homes and one minaret damaged at Gezir. Felt strongly at Bondar-e Lengeh.
10	12 05 57.8*	36.711 N	140.942 E	10 G		0.7	7	NEAR EAST COAST OF HONSHU, JAPAN
10	13 11 43.3*	23.885 S	177.132 W	126 ?	4.6	0.9	11	SOUTH OF FIJI ISLANDS
10	13 23 52.8	41.516 N	142.031 E	72	5.1	1.1	108	HOKKAIDO, JAPAN REGION. Felt (II JMA) at Hochinohe, Honshu. Felt (I JMA) at Hakodate and Muroran.
10	13 29 16.5*	17.262 N	101.542 W	10 G	3.8	0.9	11	NEAR COAST OF GUERRERO, MEXICO
10	13 34 27.7*	30.541 S	117.241 E	33 N	3.4	1.0	6	WESTERN AUSTRALIA
10	13 34 40.8*	42.457 N	22.990 E	10 G		0.8	5	BULGARIA
a 10	14 05 11.0	18.667 S	177.939 W	492 D	5.2	1.0	110	FIJI ISLANDS REGION
10	14 19 04.5*	28.353 N	140.881 E	59 ?	4.8	1.5	23	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
10	15 11 16.8*	22.366 S	174.388 W	33 N	5.2	1.3	39	TONGA ISLANDS REGION
10	15 33 04.3	33.105 S	71.046 W	21 *		1.0	10	NEAR COAST OF CENTRAL CHILE. Felt (II) at Santiago.
10	15 51 17.8*	34.258 N	26.954 E	78 ?	4.2	0.5	7	CRETE
10	15 59 57.2	41.418 N	73.040 E	33 N	4.7	1.0	29	KIRGHIZ SSR. Felt (III) at Andizhan, Namangan and Fergano.
10	16 14 23.1?	17.57 N	101.73 W	10 G		0.4	5	NEAR COAST OF GUERRERO, MEXICO
10	17 52 12.1*	35.026 N	23.222 E	70 *	4.5	0.9	14	CRETE
10	18 32 00.6&	62.005 S	148.551 W	36			29	CENTRAL ALASKA. <AGS-P>.
10	20 37 22.3	4.285 S	153.236 E	16	5.2 4.5	1.0	111	NEW IRELAND REGION
10	20 40 28.6%	17.392 N	101.771 W	33 N		0.5	7	NEAR COAST OF GUERRERO, MEXICO

10	22 52 59.7	54.878 N	159.725 W	33 *	4.9	0.9	119	SOUTH OF ALASKA. ML 5.0 (PMR).
10	22 54 08.87	19.28 S	178.76 W	585 *	4.5	1.5	12	FIJI ISLANDS REGION
11	00 16 26.8&	35.640 N	116.230 W	10			13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
11	00 44 00.87	17.70 N	101.93 W	33 N		0.5	6	NEAR COAST OF GUERRERO, MEXICO
11	01 06 35.0*	4.292 S	135.768 E	10 G	4.9	1.5	11	WEST IRIAN REGION
11	01 27 34.3	69.892 N	16.048 W	10 G	4.2	1.0	28	JAN MAYEN ISLAND REGION
11	02 17 47.47	30.86 S	178.97 W	33 N	4.5	0.9	6	KERMADEC ISLANDS
11	02 26 32.6	21.869 S	68.563 W	138 *		1.2	13	CHILE-BOLIVIA BORDER REGION
11	02 30 24.97	33.63 N	133.33 E	10 G		1.8	5	SHIKOKU, JAPAN. Felt (II JMA) at Kochi.
11	03 09 03.8	12.316 S	76.701 W	88 *	4.9	0.9	36	NEAR COAST OF PERU. Felt in the Lima area.
11	03 13 52.17	17.96 N	102.88 W	33 N		0.7	8	NEAR COAST OF MICHOACAN, MEXICO
11	03 39 10.9	15.299 N	90.863 W	5 G	4.5	1.0	68	GUATEMALA. Several people injured and about 500 houses destroyed at San Miguel Uspantán. About 80 percent of the buildings in the town sustained some damage. Felt strangely in western Guatemala. Felt also at Guatemala City.
11	04 45 37.8	41.485 N	22.283 E	10 G		0.9	11	YUGOSLAVIA. ML 2.6 (THE).
11	04 55 25.47	34.99 S	179.07 W	33 N	4.6	1.4	7	SOUTH OF KERMADEC ISLANDS
11	05 39 18.8	36.223 N	120.197 W	10 G		0.7	12	CENTRAL CALIFORNIA. ML 2.5 (BRK).
11	06 23 13.1	63.331 N	149.835 W	86 ?		0.7	8	CENTRAL ALASKA
11	07 11 02.07	10.16 S	165.97 E	33 N	4.3	1.5	6	SANTA CRUZ ISLANDS
11	08 24 46.1	28.233 N	140.676 E	33 N	4.9	1.3	31	BONIN ISLANDS REGION
11	09 04 13.7	41.508 N	22.287 E	10 G		0.6	11	YUGOSLAVIA. ML 2.6 (THE). Felt (IV) at Demir Kapija.
11	09 13 23.6%	39.150 N	26.161 E	10 G		0.8	7	TURKEY
11	11 43 34.0*	41.517 N	23.124 E	10 G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 1.8 (THE).
11	12 45 04.9*	27.836 N	98.509 E	33 N		1.2	6	BURMA-CHINA BORDER REGION
11	13 39 44.5	35.819 N	140.143 E	88	4.3	0.9	34	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Utsunomiya; (II JMA) at Tokyo, Yokohama and Mito; (I JMA) at Kofu, Ajiro and on Oshima.
11	17 25 33.77	61.29 N	8.09 E	10 G		0.1	4	SOUTHERN NORWAY. DUR 1.9 (BER).
11	17 44 16.1*	41.866 N	22.996 E	10 G		0.4	10	YUGOSLAVIA. ML 2.8 (THE).
11	18 10 31.0*	28.387 N	140.749 E	33 N	4.3	1.4	23	BONIN ISLANDS REGION
11	18 55 01.0*	37.685 N	21.787 E	10 G		1.3	6	SOUTHERN GREECE. ML 3.4 (ATH).
a 11	19 29 44.7	30.791 S	178.142 W	20 *	5.5	1.2	98	KERMADEC ISLANDS. Felt on Raoul Island.
11	20 02 12.6	50.409 N	19.032 E	10 G		1.1	15	POLAND. ML 3.8 (KBA), 3.5 (VKA).
11	20 28 36.2*	21.302 S	69.032 W	121 *	4.2	1.5	13	NORTHERN CHILE
11	21 37 06.9*	46.374 N	13.689 E	10 G		1.4	8	AUSTRIA. ML 2.7 (TRI), 2.3 (KBA). Felt (III) at Tarvisio, Italy.
11	23 04 26.3%	33.967 S	71.368 W	33 N		0.2	9	NEAR COAST OF CENTRAL CHILE
11	23 29 40.1*	34.842 S	178.984 W	33 N	4.5	0.5	8	SOUTH OF KERMADEC ISLANDS
12	02 10 05.3*	33.926 S	72.027 W	33 N	4.5	1.1	17	OFF COAST OF CENTRAL CHILE
a 12	02 12 57.9	21.656 S	176.382 W	155 G	5.9	0.9	329	FIJI ISLANDS REGION. mb 6.4 (BRK). Depth from broad-band displacement seismograms.
12	03 29 28.0	43.529 N	127.132 W	10 G	4.9 3.9	1.1	82	OFF COAST OF OREGON
12	05 50 14.0	24.817 N	95.137 E	110 *	4.8	1.4	24	BURMA
12	05 57 01.3%	46.283 N	2.150 E	10 G		0.6	9	FRANCE. ML 2.0 (LDG).
12	05 59 47.0*	28.041 N	140.541 E	33 N	4.6	1.5	16	BONIN ISLANDS REGION
12	07 13 11.0*	43.128 N	5.927 E	10 G		0.4	6	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG).
12	07 38 58.0*	35.857 N	140.150 E	81 ?		0.7	9	NEAR EAST COAST OF HONSHU, JAPAN
12	08 11 13.2*	33.870 S	72.118 W	33 N	3.4	0.8	12	OFF COAST OF CENTRAL CHILE
12	09 04 47.1&	34.450 N	118.560 W	2			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
12	09 16 03.7*	7.232 S	67.954 E	10 G	4.6	1.1	22	MID-INDIAN RISE
12	09 21 37.1*	7.256 S	68.025 E	10 G	4.6	1.2	18	CHAGOS ARCHIPELAGO REGION
12	09 28 07.5*	7.276 S	67.859 E	10 G	4.8	0.7	18	MID-INDIAN RISE
12	10 57 49.8	33.828 S	72.100 W	33 N	4.3	1.0	21	OFF COAST OF CENTRAL CHILE
12	11 08 41.9*	33.786 S	72.222 W	33 N	3.5	0.8	8	OFF COAST OF CENTRAL CHILE
12	11 21 17.0*	49.039 N	6.744 E	10 G		0.9	6	GERMANY. mbLg 2.6 (DOU).
12	12 12 47.97	17.69 N	102.02 W	33 N		0.6	8	NEAR COAST OF MICHOACAN, MEXICO
a 12	12 18 46.7	42.260 N	143.035 E	66	5.3	1.0	236	HOKKAIDO, JAPAN REGION. Felt (III JMA) at Hiroo, Obihiro and Utsunomiya; (II JMA) at Sapporo and Kushiro; (I JMA) at Nemuro. Felt also (I JMA) at Hachinohe and Ofunato, Honshu.
12	15 58 29.9&	59.983 N	142.190 W	5			18	GULF OF ALASKA. <AGS-P>.
12	16 38 18.9*	22.216 S	68.863 W	143 ?		0.9	6	NORTHERN CHILE
12	16 49 12.2	5.855 S	150.807 E	18 *	4.9	0.9	19	NEW BRITAIN REGION
12	17 21 53.7	36.638 N	141.370 E	41 D	5.0 4.7	1.0	123	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Utsunomiya; (II JMA) at Shirakawa, Mito and Onahama; (I JMA) at Fukushima, Chashi, Yokohama and Maebashi.
12	17 46 01.37	17.51 N	101.25 W	33 N		1.1	6	NEAR COAST OF GUERRERO, MEXICO
12	18 22 35.8	27.133 N	92.537 E	9 D	5.3 4.6	1.0	147	INDIA-CHINA BORDER REGION. Damage in the Tippi area, India. Felt at Kaziranga, Gauhati, Jorhat and Tezpur, India.
12	18 30 25.77	31.16 N	141.91 E	33 N	4.4	1.0	5	SOUTH OF HONSHU, JAPAN
12	18 32 37.67	17.27 N	101.96 W	33 N		0.4	7	NEAR COAST OF GUERRERO, MEXICO
12	18 45 04.7&	61.032 N	151.249 W	77			56	SOUTHERN ALASKA. <AGS-P>. Felt (II) at Anchorage.
12	19 12 13.8&	61.024 N	151.232 W	70			39	SOUTHERN ALASKA. <AGS-P>.
12	19 34 35.9&	32.320 N	119.000 W	6 G			5	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
12	19 35 06.3	27.135 N	92.586 E	10 G	4.6	1.3	12	INDIA-CHINA BORDER REGION
12	20 07 40.3*	36.820 N	71.372 E	53 ?	4.5	1.4	16	AFGHANISTAN-USSR BORDER REGION
a 12	20 29 20.8	13.154 N	89.720 W	42	5.4 5.5	1.2	259	EL SALVADOR. Ms 5.8 (BRK), 5.5 (PAS), 5.2 (PAL). Felt (IV) at San Salvador. Felt in southeastern Guatemala and (II) at Guatemala City.
12	21 12 19.1*	62.570 N	123.984 W	10 G	4.6	1.4	12	NORTHWEST TERRITORIES, CANADA
12	21 14 37.3	62.170 N	124.507 W	10 G	4.7	0.9	28	NORTHWEST TERRITORIES, CANADA
12	21 16 53.5&	60.918 N	147.558 W	21			46	SOUTHERN ALASKA. <AGS-P>. ML 3.2 (PMR).
12	21 31 29.2&	61.127 N	151.148 W	64			43	SOUTHERN ALASKA. <AGS-P>.
12	21 41 23.7	41.513 N	22.285 E	10 G		0.5	12	YUGOSLAVIA. ML 2.8 (THE). Felt (IV) at Demir Kapija.
12	21 51 30.1*	7.645 S	127.840 E	143 *	4.2	0.9	13	BANDA SEA
12	21 51 37.9*	36.555 N	70.962 E	190 ?	4.5	1.0	9	HINDU KUSH REGION
a 12	22 20 38.0	0.917 N	29.921 W	10 G	5.4 6.0	1.2	143	CENTRAL MID-ATLANTIC RIDGE
12	22 43 20.8*	28.155 N	140.825 E	33 N	4.4	1.7	15	BONIN ISLANDS REGION
12	23 48 06.3*	21.834 S	68.685 W	33 N		1.1	7	CHILE-BOLIVIA BORDER REGION
13	00 11 54.6	39.465 N	27.672 E	10 G		1.1	16	TURKEY

13	00 52 39.5	60.001 N	149.718 W	54				43	KENAI PENINSULA, ALASKA. <AGS-P>.
13	03 12 43.3	40.655 N	22.863 E	10 G		0.4		7	GREECE. ML 2.0 (THE).
13	03 32 22.9	28.259 N	100.962 E	33 N	4.1	1.4		9	SICHUAN PROVINCE, CHINA
13	04 23 11.1	62.098 N	124.099 W	10 G	3.8	0.9		9	NORTHWEST TERRITORIES, CANADA
13	04 32 54.0	5.914 S	130.676 E	124 *	4.7	0.9		15	BANDA SEA
13	05 59 32.8	37.055 N	140.871 E	33 N		0.9		8	HONSHU, JAPAN. Felt (I JMA) at Onahama.
13	06 22 23.2	35.813 N	140.021 E	33 N		0.2		5	NEAR EAST COAST OF HONSHU, JAPAN
13	06 24 44.8	4.285 S	135.945 E	10 G	4.4	1.4		9	WEST IRIAN REGION
13	06 44 26.7	36.747 N	71.500 E	33 N	4.0	0.7		7	AFGHANISTAN-USSR BORDER REGION
13	07 27 04.6	23.16 S	68.56 W	143 ?		0.7		7	NORTHERN CHILE
13	07 28 24.6	7.146 S	67.862 E	10 G	4.7	0.9		41	MID-INDIAN RISE
13	08 04 25.7	35.860 N	140.150 E	82 *		0.7		10	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Chiba.
13	08 07 58.9	28.242 N	140.635 E	33 N	4.9	1.7		14	BONIN ISLANDS REGION
13	08 28 15.9	18.683 S	71.450 W	33 N	4.4	1.2		16	OFF COAST OF NORTHERN CHILE
13	12 06 21.4	8.544 N	93.764 E	47 *	5.1 4.1	0.9		69	NICOBAR ISLANDS REGION
13	12 44 39.4	19.301 S	177.762 W	600 *	4.3	0.9		18	FIJI ISLANDS REGION
a 13	14 13 35.4	25.150 S	179.899 E	487 *	5.2	1.2		94	SOUTH OF FIJI ISLANDS
13	15 21 30.5	10.559 N	94.605 E	33 N	4.3	1.3		14	ANDAMAN ISLANDS REGION
f 13	15 59 51.2	40.301 N	69.823 E	16 G	5.8 5.9	1.0		327	TAJIK SSR. At least 29 people killed, 80 injured and about 8,000 homeless in the Koyrokkum-Gafurov area. About 90 percent of multi-story brick buildings destroyed (IX) at Koyrokkum and about 900 buildings destroyed (VIII) at Gafurov. Damage (VII) at Leninabad. Landslides reported in the area. Felt (VI) at Isfara and Proletarsk; (V) at Tashkent and in the Fergana Basin; (IV) at Samarkand and in the Dushanbe-Kulyab area; (III) at Khorog. Depth from broad-band displacement seismograms.
13	16 43 23.4	20.503 S	68.969 W	134 *	4.1	0.9		12	CHILE-BOLIVIA BORDER REGION
13	17 16 41.1	62.182 N	124.328 W	10 G	4.2	1.2		10	NORTHWEST TERRITORIES, CANADA
13	17 30 55.9	40.315 N	70.277 E	10 G	4.3	1.3		17	TAJIK SSR. Felt (IV) at Leninabad and (III) at Ura-Tyube and Tashkent.
13	17 47 47.4	37.949 N	27.654 E	10 G		0.9		5	TURKEY
13	18 05 31.3	28.264 N	140.666 E	33 N	4.9	1.4		25	BONIN ISLANDS REGION
13	18 15 12.8	6.093 S	151.240 E	33 N		1.7		7	NEW BRITAIN REGION
13	18 24 07.8	41.461 N	22.250 E	10 G		0.3		8	YUGOSLAVIA. ML 2.3 (THE).
13	21 25 43.8	3.066 N	126.958 E	33 N	4.9	1.2		23	TALAUD ISLANDS
13	23 21 53.7	38.80 N	27.42 E	10 G		0.2		4	TURKEY
14	01 14 30.5	40.400 N	124.977 W	6				11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
14	01 31 55.5	15.70 N	60.36 W	21 *		0.3		6	LEEWARD ISLANDS
14	02 33 05.9	34.62 S	179.11 W	33 N	4.3	0.7		6	SOUTH OF KERMADEC ISLANDS
14	03 15 01.6	24.550 S	66.429 W	33 N		1.2		7	SALTA PROVINCE, ARGENTINA
14	04 27 50.2	33.803 S	71.069 W	33 N		0.7		10	NEAR COAST OF CENTRAL CHILE
14	04 59 20.8	7.401 S	76.369 W	130 *	4.6	0.9		17	NORTHERN PERU
14	05 31 14.5	39.669 N	27.588 E	10 G		0.8		6	TURKEY
14	05 31 52.2	35.88 N	140.14 E	79 ?		0.7		6	NEAR EAST COAST OF HONSHU, JAPAN
14	06 26 39.2	4.582 S	152.612 E	33 N	3.9	0.6		7	NEW BRITAIN REGION
14	08 04 07.3	44.538 N	9.752 E	10		0.5		7	NORTHERN ITALY. ML 2.8 (LDG).
14	10 00 44.8	17.874 N	101.560 W	33 N		0.9		6	NEAR COAST OF GUERRERO, MEXICO
14	11 28 22.9	28.575 N	140.560 E	33 N	4.5	1.5		20	BONIN ISLANDS REGION
14	15 04 40.2	32.090 N	115.820 W	6 G				8	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS).
14	15 28 31.4	35.629 N	52.699 E	10 G	4.8	1.1		43	IRAN. Felt in the Tehran area.
14	15 46 03.1	6.731 N	72.933 W	170		1.2		14	NORTHERN COLOMBIA
14	16 24 08.8	18.04 N	102.01 W	33 N		0.5		5	MICHOACAN, MEXICO
14	18 38 48.9	33.433 S	72.119 W	33 N	4.4	1.3		18	OFF COAST OF CENTRAL CHILE
14	19 48 48.7	32.816 S	179.287 E	360 *	4.6	1.3		29	SOUTH OF KERMADEC ISLANDS
14	20 25 12.7	15.71 S	173.47 W	53 ?	4.4	1.4		33	TONGA ISLANDS
14	20 25 36.2	36.363 N	141.506 E	33 N	4.8	0.6		12	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mita.
14	22 35 17.4	35.64 N	140.74 E	33 N		0.8		7	NEAR EAST COAST OF HONSHU, JAPAN
14	23 10 22.5	17.436 N	100.526 W	33 N		0.2		5	GUERRERO, MEXICO
14	23 20 19.2	61.929 N	124.633 W	10 G		0.7		5	NORTHWEST TERRITORIES, CANADA
15	02 25 01.6	36.072 N	31.721 E	10 G	4.0	0.8		11	TURKEY
15	02 33 58.5	28.199 N	140.522 E	33 N		1.5		19	BONIN ISLANDS REGION
15	02 53 42.9	43.806 N	7.921 E	10 G		0.4		6	NEAR SOUTH COAST OF FRANCE. ML 2.8 (LDG).
15	04 52 00.3	5.371 S	154.308 E	150	4.1	0.5		9	SOLOMON ISLANDS
15	05 39 51.6	8.654 N	125.218 E	33 N		0.4		5	MINDANAO, PHILIPPINE ISLANDS
15	05 59 32.2	18.282 N	103.004 W	33 N	4.8	1.4		61	NEAR COAST OF MICHOACAN, MEXICO
15	06 16 26.0	33.395 S	70.898 W	33 N		1.2		10	CHILE-ARGENTINA BORDER REGION
15	07 42 49.6	38.979 N	22.105 E	10 G	3.9	0.8		14	GREECE. ML 3.4 (ATH), 3.3 (THE).
15	08 33 25.1	40.739 N	23.310 E	10 G		0.5		6	GREECE. ML 2.1 (THE).
15	08 41 15.9	59.163 N	137.029 W	0				9	SOUTHEASTERN ALASKA. <AGS-P>.
15	09 50 57.3	6.606 S	148.767 E	44 *	4.5	1.1		16	NEW BRITAIN REGION
15	10 33 06.3	8.06 N	127.62 E	33 N	3.9	1.1		6	PHILIPPINE ISLANDS REGION
15	10 58 17.2	39.122 N	29.483 E	11		1.0		18	TURKEY
15	12 50 28.9	59.748 N	137.707 W	12				14	SOUTHEASTERN ALASKA. <AGS-P>.
15	13 41 53.3	62.24 N	124.51 W	10 G		1.7		5	NORTHWEST TERRITORIES, CANADA
15	14 31 32.6	19.145 S	175.563 W	256 *	5.0	1.1		61	TONGA ISLANDS
15	15 04 36.9	30.825 N	143.068 E	33 N	4.5	1.0		16	SOUTH OF HONSHU, JAPAN
15	15 54 17.0	41.429 N	22.246 E	10 G		0.8		12	YUGOSLAVIA. ML 3.1 (THE). Felt (IV) in the Negotino-Demir Kapija area.
15	17 13 17.6	4.30 N	127.63 E	33 N	4.8	1.4		14	TALAUD ISLANDS
15	19 02 56.2	11.471 S	119.081 E	33 N	4.5	1.0		10	SOUTH OF SUMBA ISLAND
15	19 08 49.1	28.409 S	67.448 W	113 *	4.7	1.2		30	LA RIOJA PROVINCE, ARGENTINA
a 15	19 52 01.3	85.687 N	85.179 E	10 G	4.9 5.1	1.0		102	NORTH OF SEVERNAYA ZEMLYA
15	20 00 39.3	42.493 N	71.502 W	2 G				16	SOUTHERN NEW ENGLAND. <WES>. CL 3.0 (WES). Felt (IV) at Carlisle, Chelmsford, Harwood, Littleton, North Chelmsford, North Billerica, Stow and Westford. Felt (III) at Acton, Bedford, Haverhill, Lawrence, Nashua, South Lancaster and West Newbury. Also felt at Baxbora, Concord, Harvard, Hudson, Pepperell and Weston.
15	20 12 03.1	85.626 N	85.551 E	10 G	4.7 4.8	1.0		33	NORTH OF SEVERNAYA ZEMLYA
15	20 45 24.1	28.560 N	141.040 E	33 N	4.8 4.6	1.2		18	BONIN ISLANDS REGION

15	21	12	37.8	85.702	N	84.223	E	10	G	4.8	4.8	1.0	55	NORTH OF SEVERNAYA ZEMLYA	
15	21	44	58.6*	23.622	S	179.753	E	599	?	4.6		0.7	24	SOUTH OF FIJI ISLANDS	
a	15	22	29	52.8	85.732	N	83.716	E	10	G	4.7	4.8	0.8	58	NORTH OF SEVERNAYA ZEMLYA
16	00	08	29.3	44.223	N	11.433	E	10				0.6	13	NORTHERN ITALY. ML 3.2 (LDG). 3.1 (KBA).	
16	00	51	04.2*	14.902	S	111.881	W	10	G	5.0	4.0	0.9	14	NORTHERN EASTER I. CORDILLERA	
16	04	24	44.3*	17.591	N	101.945	W	33	N			0.5	8	NEAR COAST OF GUERRERO, MEXICO	
16	07	06	42.8*	28.206	N	140.619	E	33	N	5.0		1.4	14	BONIN ISLANDS REGION	
16	07	39	38.4	35.583	N	140.230	E	56		5.0		1.1	24	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Chiba and Yokohama and (I JMA) at Choshi, Katsuura, Tateyama, Tokyo and Mita.	
16	07	50	33.7*	34.020	S	71.368	W	33	N			0.8	10	NEAR COAST OF CENTRAL CHILE	
16	07	58	10.27	33.45	S	72.64	W	33	N			0.3	9	OFF COAST OF CENTRAL CHILE	
16	08	30	21.6	6.707	S	147.446	E	67		5.1		0.9	27	EAST PAPUA NEW GUINEA REGION	
16	10	03	38.37	15.61	N	60.26	W	33	N			0.2	5	LEEWARD ISLANDS	
16	10	27	59.9*	40.355	N	142.069	E	69		4.8		1.0	18	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Hachinohe and (I JMA) at Miyako.	
16	10	31	51.7	33.729	S	71.163	W	33	N			0.8	9	NEAR COAST OF CENTRAL CHILE	
16	11	16	25.3*	24.450	N	123.172	E	33	N			0.4	5	SOUTHWESTERN RYUKYU ISLANDS	
16	11	53	02.7*	39.291	N	29.342	E	10	G			0.6	5	TURKEY	
16	12	42	31.7*	24.845	N	142.297	E	33	N	4.7		0.6	11	VOLCANO ISLANDS REGION	
16	12	54	49.4*	50.855	N	130.057	W	10	G	4.2		1.0	10	VANCOUVER ISLAND REGION	
16	14	00	45.6*	60.306	N	5.445	E	10	G			0.7	5	SOUTHERN NORWAY	
16	14	37	15.2	39.042	N	28.626	E	10	G			0.7	12	TURKEY	
16	14	44	00.7*	39.042	N	28.699	E	10	G			1.4	9	TURKEY	
16	15	15	40.8*	25.806	N	127.266	E	33	N	4.5		1.7	16	RYUKYU ISLANDS	
16	15	23	42.47	48.15	N	154.13	E	33	N	4.5		0.6	8	KURIL ISLANDS	
16	16	08	26.6	39.243	N	114.689	E	12	*			1.1	9	NORTHEASTERN CHINA	
16	18	25	11.3*	28.501	N	140.980	E	38	D	4.8		1.6	18	BONIN ISLANDS REGION	
16	18	26	10.97	17.46	N	101.76	W	33	N			1.1	6	NEAR COAST OF GUERRERO, MEXICO	
16	18	45	09.2	62.271	N	124.196	W	10	G	4.5		1.4	15	NORTHWEST TERRITORIES, CANADA	
16	19	40	34.2*	19.455	N	99.327	W	10	G			0.6	5	CENTRAL MEXICO	
16	20	01	58.9	44.636	N	111.048	W	5	G			0.7	12	HEBGEN LAKE REGION. ML 3.5 (NEIS). Felt (IV) at West Yellowstone, Montana.	
16	20	25	57.4	40.547	N	22.179	E	10				0.3	9	GREECE	
16	21	22	39.7	40.650	N	50.761	E	33	N	4.8		1.0	63	CASPIAN SEA	
16	21	35	00.0*	37.110	N	116.121	W	0		4.6			64	SOUTHERN NEVADA. <DOE>. ML 4.6 (BRK). 37' 06' 35.81" N., 116' 07' 16.97" W., Surface Elev. 1368 m., Depth of Burial 415 m., Shot Time. 213500.086, "ROQUEFORT", Nevada Test Site (Dept. of Energy).	
16	23	35	59.6	44.633	N	110.991	W	5	G			0.3	9	YELLOWSTONE NATIONAL PARK, WYO. ML 3.1 (NEIS).	
16	23	39	48.3	44.635	N	111.074	W	5	G			0.9	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).	
16	23	59	17.3	44.652	N	111.071	W	5	G			0.7	13	HEBGEN LAKE REGION. ML 3.6 (NEIS).	
17	00	08	43.2	44.628	N	111.082	W	5	G			0.7	11	HEBGEN LAKE REGION. ML 3.2 (NEIS).	
17	00	11	43.0	44.641	N	111.090	W	5	G			1.3	11	HEBGEN LAKE REGION. ML 3.3 (NEIS).	
17	00	18	36.4	44.642	N	111.063	W	5	G			0.8	14	HEBGEN LAKE REGION. ML 3.4 (NEIS).	
17	00	39	36.6	46.227	N	2.682	E	8				1.1	14	FRANCE. ML 2.6 (LDG).	
17	01	06	57.3*	8.468	S	39.275	E	33	N			1.3	7	TANZANIA	
17	01	20	38.67	6.97	S	13.16	W	10	G	4.7	4.2	1.4	8	ASCENSION ISLAND REGION	
17	01	31	35.57	0.75	S	12.97	W	10	G	4.7		1.3	7	NORTH OF ASCENSION ISLAND	
17	01	44	32.9	30.342	N	138.423	E	443	*	4.6		0.7	42	SOUTH OF HONSHU, JAPAN	
17	03	06	04.7	44.644	N	111.072	W	5	G			0.9	14	HEBGEN LAKE REGION. ML 3.4 (NEIS).	
17	04	12	12.4	21.919	N	121.732	E	10	G	4.9		1.3	38	TAIWAN REGION	
17	04	23	51.8*	28.070	N	140.583	E	33	N	4.5		1.1	8	BONIN ISLANDS REGION	
17	04	30	44.5	44.619	N	110.998	W	5	G			0.5	10	YELLOWSTONE NATIONAL PARK, WYO. ML 3.1 (NEIS).	
17	04	40	21.57	20.54	S	68.77	W	33	N			1.3	5	CHILE-BOLIVIA BORDER REGION	
17	07	12	08.1*	6.201	S	150.284	E	33	N	4.2		1.3	12	NEW BRITAIN REGION	
17	07	28	30.4*	59.798	N	153.623	W	111					18	SOUTHERN ALASKA. <AGS-P>.	
17	07	46	38.2*	18.188	N	101.668	W	33	N			0.4	6	GUERRERO, MEXICO	
17	08	01	46.7	44.635	N	111.056	W	5	G			0.6	13	HEBGEN LAKE REGION. ML 3.3 (NEIS).	
a	17	08	39	26.6	76.068	N	6.744	E	10	G	4.7	5.1	1.1	43	SVALBARD REGION
17	08	43	48.9	26.293	S	27.307	E	5	G			0.7	9	REPUBLIC OF SOUTH AFRICA	
17	08	54	29.8	34.980	S	178.857	W	33	N	5.4	4.6	1.2	65	SOUTH OF KERMADec ISLANDS	
17	10	02	56.67	17.12	N	101.79	W	33	N			0.6	5	NEAR COAST OF GUERRERO, MEXICO	
17	10	18	01.8	44.611	N	111.107	W	5	G			0.8	10	HEBGEN LAKE REGION. ML 2.5 (NEIS).	
17	10	44	15.37	17.72	N	103.82	W	33	N	3.7		1.4	10	NEAR COAST OF MICHOACAN, MEXICO	
17	10	47	59.3	44.646	N	111.076	W	5	G			0.6	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).	
17	10	55	50.9*	76.134	N	7.330	E	10	G	4.7	5.1	1.5	30	SVALBARD REGION	
17	11	57	58.2	44.633	N	111.083	W	5	G			0.7	14	HEBGEN LAKE REGION. ML 3.2 (NEIS).	
17	12	44	59.1	6.491	S	130.015	E	165		4.9		1.0	47	BANDA SEA	
17	13	06	21.5	35.876	N	139.781	E	74		4.3		1.0	23	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) at Utsunomiya, (II JMA) at Ajiro, Mita and Tokyo and (I JMA) at Yokohama. Also felt (II JMA) at Oshima.	
17	13	26	29.87	15.60	N	97.86	W	33	N			0.5	7	NEAR COAST OF OAXACA, MEXICO	
17	13	50	22.9	43.430	N	0.582	W	10	G			1.4	13	PYRENEES. ML 3.2 (LDG).	
17	14	38	12.8*	61.325	N	147.649	W	25					37	SOUTHERN ALASKA. <AGS-P>. ML 3.2 (PMR).	
17	17	56	01.6*	2.475	N	127.994	E	185	?	4.5		0.8	8	MOLUCCA PASSAGE	
17	17	56	19.3	44.627	N	111.084	W	5	G			0.7	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).	
17	18	27	20.1*	63.204	N	150.467	W	65					24	CENTRAL ALASKA. <AGS-P>.	
17	18	36	53.0*	62.495	N	151.206	W	75					18	CENTRAL ALASKA. <AGS-P>.	
17	19	15	26.8	38.711	N	27.827	E	22		4.1		1.1	62	TURKEY. ML 4.2 (ATH).	
17	19	27	32.2	43.253	N	20.036	E	10	G			0.9	9	YUGOSLAVIA. ML 2.6 (TTG).	
17	19	57	08.2	44.634	N	111.099	W	5	G			0.8	11	HEBGEN LAKE REGION. ML 2.8 (NEIS).	
17	20	16	22.6	43.034	N	0.325	W	10	G			0.8	14	PYRENEES. ML 3.4 (LDG).	
17	20	20	10.17	33.74	S	72.25	W	33	N			0.5	8	OFF COAST OF CENTRAL CHILE	
17	20	55	31.2*	36.431	N	70.682	E	189	*	4.5		0.7	14	HINDU KUSH REGION	
17	20	57	33.7*	6.081	S	154.172	E	33	N			0.8	5	SOLOMON ISLANDS	
17	21	57	39.97	14.36	N	94.10	W	33	N	4.4		1.4	8	OFF COAST OF CHIAPAS, MEXICO	
17	22	07	23.87	12.82	S	123.23	E	33	N			1.3	8	SOUTH OF TIMOR	
17	22	34	11.97	14.27	N	94.17	W	33	N	4.8		1.2	10	OFF COAST OF CHIAPAS, MEXICO	
17	22	46	36.3	44.637	N	111.060	W	5	G			0.8	11	HEBGEN LAKE REGION. ML 3.2 (NEIS).	
17	22	47	16.6	43.719	N	17.508	E	10	G			1.1	14	YUGOSLAVIA. ML 3.1 (TTG).	
17	23	01	42.67	56.32	N	34.15	W	10	G	4.6		1.4	17	NORTH ATLANTIC OCEAN	
17	23	20	54.3*	62.257	N	147.640	W	38					27	CENTRAL ALASKA. <AGS-P>.	

17	23 26 33.0*	38.161 N	21.219 E	10 G		1.7	14	GREECE. ML 3.4 (ATH).
18	00 00 05.6*	17.808 S	72.936 W	33 N	4.9	1.5	15	NEAR COAST OF PERU
18	00 07 19.0*	3.505 N	124.553 E	349 ?	4.5	0.9	15	CELEBES SEA
18	00 16 43.5	44.620 N	111.056 W	5 G		0.4	10	HEBGEN LAKE REGION. ML 3.2 (NEIS).
18	00 26 19.2	44.652 N	111.052 W	5 G		0.8	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
18	01 35 25.0*	51.050 N	15.827 E	10 G		1.3	8	POLAND. ML 3.4 (VKA), 3.4 (KBA).
a 18	01 44 28.9	56.757 N	34.119 W	10 G	5.2 5.3	1.0	153	NORTH ATLANTIC OCEAN. Ms 5.4 (BRK).
18	02 57 40.8	14.893 S	167.227 E	165 *	4.8	1.3	71	VANUATU ISLANDS
a 18	03 22 23.6	37.619 N	136.896 E	35	5.9 4.9	1.1	321	NEAR WEST COAST OF HONSHU, JAPAN. Felt (IV JMA) at Wajima, (III JMA) at Toyama, Takooka, Fukui and Fushiki, (II JMA) at Mie, Nagoya, Toyooka, Kofu, Nagano and Aikawa. Felt in a large part of central Honshu.
a 18	04 19 06.4	46.323 N	146.272 E	271	5.9	0.9	394	NORTHWEST OF KURIL ISLANDS. Felt (III) at Shikotan. Felt (II JMA) at Kushiro and (I JMA) at Nemuro and Hakodate, Hokkaido. Felt (I JMA) at Aomori and Morioka, Honshu.
18	04 29 54.7*	32.850 S	71.472 W	33 N		1.0	8	NEAR COAST OF CENTRAL CHILE
18	05 41 59.67	41.01 N	20.11 E	10 G		0.9	5	ALBANIA
18	06 05 59.0*	38.747 N	27.665 E	10 G		0.5	7	TURKEY
18	07 56 53.37	20.74 S	173.38 E	33 N	4.2	1.6	7	VANUATU ISLANDS REGION
18	08 05 45.0*	60.087 N	153.508 W	145		39		SOUTHERN ALASKA. <AGS-P>.
18	08 37 44.3	18.035 N	104.788 E	21 *	4.7	1.1	28	SOUTHEAST ASIA
18	09 11 00.1	38.762 N	27.690 E	10 G		0.6	7	TURKEY
18	09 11 47.9*	4.901 S	133.795 E	10 G	4.6	1.3	16	WEST IRIAN REGION
18	09 16 55.3*	17.660 N	101.757 W	33 N		1.2	9	NEAR COAST OF GUERRERO, MEXICO
18	10 08 20.4	17.451 S	176.305 E	33 N	5.0	1.3	52	FIJI ISLANDS REGION
18	10 56 04.5	38.788 N	27.699 E	10 G		0.9	8	TURKEY
18	12 23 22.7*	28.209 N	140.521 E	33 N	4.9	1.2	17	BONIN ISLANDS REGION
a 18	15 06 12.1	38.838 N	27.648 E	10 G		1.2	7	TURKEY
a 18	16 55 30.9	4.454 N	62.660 E	10 G	5.2	1.0	114	CARLSBERG RIDGE
18	17 22 18.6	38.764 N	27.738 E	10 G		0.6	8	TURKEY
18	17 43 48.3*	60.241 N	150.410 W	49		25		KENAI PENINSULA, ALASKA. <AGS-P>.
18	17 49 40.6	4.782 N	82.567 W	33 N	4.9 4.5	1.1	40	SOUTH OF PANAMA
18	19 23 22.2	44.847 N	111.051 W	5 G		0.7	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).
18	20 12 39.5*	52.750 N	168.156 W	33 N	4.8	0.5	8	FOX ISLANDS, ALEUTIAN ISLANDS
18	21 49 51.9*	38.826 N	26.862 E	33 N		1.1	6	AEGEAN SEA
18	22 10 31.0*	28.289 N	140.591 E	33 N	4.9	1.4	12	BONIN ISLANDS REGION
18	22 13 16.67	17.47 S	73.63 W	33 N		0.6	7	OFF COAST OF PERU
18	22 19 34.9*	17.744 S	167.688 E	33 N	4.0	1.5	11	VANUATU ISLANDS
19	02 38 07.7*	30.434 S	69.423 W	33 N		1.2	13	CHILE-ARGENTINA BORDER REGION
19	03 31 35.9*	59.727 N	153.870 W	111		27		SOUTHERN ALASKA. <AGS-P>.
19	04 00 38.4	44.628 N	111.075 W	5 G		0.5	9	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	04 08 59.5*	33.112 S	73.080 W	33 N		0.4	9	OFF COAST OF CENTRAL CHILE
19	05 28 48.3	5.479 S	130.702 E	69 *	5.2	1.0	54	BANDA SEA
19	06 33 02.8	44.658 N	111.063 W	5 G		0.8	11	HEBGEN LAKE REGION. ML 3.1 (NEIS).
19	06 33 14.2	38.793 N	27.656 E	10 G		0.8	7	TURKEY
19	06 47 23.8	39.609 N	120.330 W	5 G		1.2	8	NORTHERN CALIFORNIA. ML 2.8 (BRK).
19	08 28 36.8*	19.083 N	99.127 W	10 G	3.9	1.5	6	CENTRAL MEXICO. Felt in the Mexico City area. Felt also at Cuernavaca and Puebla.
19	09 18 03.4	44.644 N	111.109 W	5 G		0.9	11	HEBGEN LAKE REGION. ML 3.0 (NEIS).
19	09 28 43.6	44.631 N	111.078 W	5 G		0.7	10	HEBGEN LAKE REGION. ML 3.2 (NEIS).
19	09 45 16.3	44.656 N	111.078 W	5 G		0.7	12	HEBGEN LAKE REGION. ML 3.4 (NEIS).
19	10 05 46.0*	40.990 N	73.820 W	5 G		5		NEW YORK. <PAL-P>. CL 2.0 (PAL).
19	10 07 40.3*	40.980 N	73.830 W	6	3.6	28		NEW YORK. <PAL-P>. ML 4.0 (PAL). Felt (V) in parts of Westchester, Rockland, Bronx, Nassau and Suffolk Counties, New York. Also felt (V) in parts of Bergen, Hudson and Passaic Counties, New Jersey and Fairfield County, Connecticut. Felt in many areas of New York, New Jersey, Connecticut, Pennsylvania, Massachusetts, Rhode Island and as far as southern Canada.
19	10 14 10.4*	28.216 N	140.641 E	33 N	4.7	1.6	15	BONIN ISLANDS REGION
19	10 20 51.7	40.295 N	121.394 W	5 G		0.8	6	NORTHERN CALIFORNIA. ML 2.8 (BRK).
19	10 53 20.7*	63.113 N	150.412 W	104		24		CENTRAL ALASKA. <AGS-P>.
19	11 31 10.9	44.612 N	111.053 W	5 G		1.1	11	HEBGEN LAKE REGION. ML 3.0 (NEIS).
19	11 43 12.2	44.634 N	111.096 W	5 G		0.7	11	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	11 47 02.2	44.645 N	111.062 W	5 G		0.7	11	HEBGEN LAKE REGION. ML 3.0 (NEIS).
19	12 01 02.9	44.953 N	5.819 E	10 G		0.4	6	FRANCE. ML 2.3 (LDG).
19	12 43 19.2*	61.831 N	151.077 W	8		33		SOUTHERN ALASKA. <AGS-P>. ML 3.7 (PMR). Felt (II) at Anchorage.
19	12 47 49.7	44.641 N	111.080 W	5 G		0.8	14	HEBGEN LAKE REGION. ML 3.6 (NEIS).
19	13 01 57.5	44.627 N	111.058 W	5 G		0.9	11	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	13 09 07.0*	16.509 N	98.169 W	33 N	3.6	0.5	6	NEAR COAST OF GUERRERO, MEXICO
19	13 24 35.4*	63.298 N	150.450 W	88		17		CENTRAL ALASKA. <AGS-P>.
19	13 38 21.17	31.57 S	69.65 W	33 N		1.0	8	SAN JUAN PROVINCE, ARGENTINA
19	14 53 26.1*	61.578 N	149.779 W	40		34		SOUTHERN ALASKA. <AGS-P>. ML 2.9 (PMR).
19	15 33 47.4	44.624 N	111.028 W	5 G		0.5	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
19	15 34 59.5	44.655 N	111.006 W	5 G		0.8	17	HEBGEN LAKE REGION. ML 4.1 (NEIS). Felt (IV) at West Yellowstone and (III) at Gardiner, Montana. Also felt at Old Faithful and Madison Junction, Yellowstone National Park.
19	15 40 24.3	44.594 N	111.016 W	5 G		0.4	8	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	15 55 42.3	44.640 N	111.029 W	5 G		0.4	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).
19	16 00 31.8*	40.803 N	27.561 E	10 G		0.2	5	TURKEY
19	16 09 37.7	44.649 N	111.062 W	5 G		0.7	11	HEBGEN LAKE REGION. ML 2.9 (NEIS).
19	16 32 35.6	44.679 N	110.983 W	5 G		0.8	20	YELLOWSTONE NATIONAL PARK, WYO. ML 4.0 (NEIS). Felt at West Yellowstone, Montana and at Old Faithful and Madison Junction, Yellowstone National Park.
19	16 45 06.6	44.650 N	111.060 W	5 G		0.9	12	HEBGEN LAKE REGION. ML 3.8 (NEIS). Felt at West Yellowstone, Montana and Old Faithful and Madison Junction, Yellowstone National Park.
19	18 18 17.3	44.633 N	111.064 W	5 G		0.4	10	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	18 44 01.5*	46.191 N	1.266 E	10 G		0.7	6	FRANCE. ML 2.3 (LDG).
19	18 57 58.4*	34.412 S	71.108 W	33 N		0.2	10	NEAR COAST OF CENTRAL CHILE

19	19 55 10.7*	27.525 N	140.601 E	33 N	4.4	1.2	22	BONIN ISLANDS REGION. Felt (II JMA) on Chichi-shima.
19	20 43 01.0*	35.078 S	178.751 W	33 N	5.0	1.2	30	EAST OF NORTH ISLAND, N.Z.
19	20 51 20.8	10.460 N	125.157 E	42 *	5.3 4.8	1.1	105	LEYTE, PHILIPPINE ISLANDS
19	21 40 17.0	44.614 N	111.075 W	5 G		0.6	10	HEBGEN LAKE REGION. ML 2.7 (NEIS).
19	22 36 24.7	38.719 N	23.959 E	10 G	3.9	1.3	37	GREECE. ML 4.2 (ATH).
19	22 44 11.8*	61.314 N	152.283 W	126			25	SOUTHERN ALASKA. <AGS-P>.
20	00 52 59.8*	38.824 N	27.602 E	10 G		1.2	5	TURKEY
20	02 14 32.7*	17.537 N	100.719 W	33 N		0.6	6	GUERRERO, MEXICO
20	03 15 56.2*	44.548 N	114.283 W	5 G		0.3	5	WESTERN IDAHO. ML 3.0 (NEIS).
20	04 22 57.1*	1.035 S	99.248 E	33 N	4.6	1.3	15	SOUTHERN SUMATERA
20	04 52 19.4	10.027 N	84.090 W	80	4.2	0.7	14	COSTA RICA
20	05 33 18.7?	17.00 N	100.26 W	33 N		1.5	6	GUERRERO, MEXICO
20	06 00 56.2*	21.027 S	68.397 W	191 *		1.1	9	CHILE-BOLIVIA BORDER REGION
20	06 27 22.4	44.634 N	111.074 W	5 G		0.8	11	HEBGEN LAKE REGION. ML 2.8 (NEIS).
20	06 31 30.7	44.618 N	111.088 W	5 G		1.1	11	HEBGEN LAKE REGION. ML 3.1 (NEIS).
20	07 15 22.4*	36.429 N	140.357 E	33 N		0.3	8	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Mito.
20	07 33 30.1*	38.846 N	27.704 E	10 G		0.9	5	TURKEY
20	07 52 35.4	37.769 N	25.873 E	24	4.5	0.9	31	DODECANESE ISLANDS. ML 4.2 (ATH). Felt on Evvoia.
20	08 06 05.2*	28.225 N	140.740 E	33 N	4.5	1.3	13	BONIN ISLANDS REGION
20	08 17 52.6	46.240 N	2.635 E	10 G		0.5	10	FRANCE. ML 2.1 (LDG).
20	08 21 22.8*	46.263 N	2.628 E	5 G		0.4	5	FRANCE. ML 1.7 (LDG).
20	08 43 10.1	44.816 N	6.638 E	10 G	5.0	0.6	26	FRANCE. ML 3.0 (LDG).
20	09 37 38.2*	39.663 N	27.921 E	10 G		0.2	5	TURKEY
20	09 41 20.8	39.673 N	27.936 E	10 G		0.2	6	TURKEY
20	09 41 54.3	39.626 N	27.858 E	10 G		1.0	8	TURKEY
20	10 01 35.7?	16.48 N	102.30 W	33 N		0.9	6	OFF COAST OF GUERRERO, MEXICO
20	11 19 30.4	7.683 S	120.964 E	33 N	5.1	1.3	67	FLORES SEA
20	16 24 44.5	4.147 S	136.012 E	10 G	4.9	1.2	25	WEST IRIAN REGION
20	16 47 22.9*	28.116 N	140.537 E	33 N	4.8	1.1	15	BONIN ISLANDS REGION
20	19 00 36.1*	46.364 N	5.494 E	10 G		1.5	6	FRANCE. ML 2.2 (LDG).
20	19 07 04.1*	46.440 N	5.558 E	10 G		1.0	8	FRANCE. ML 2.3 (LDG).
20	19 26 26.5*	38.820 N	122.785 W	4			21	NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK).
20	19 44 52.3?	12.53 N	91.32 W	33 N	4.5	1.1	6	OFF COAST OF CENTRAL AMERICA
20	19 49 53.0?	6.58 S	144.84 E	33 N	4.6	0.9	5	PAPUA NEW GUINEA
20	20 26 37.6	44.503 N	9.770 E	13		1.1	21	NORTHERN ITALY. ML 2.9 (LDG).
20	20 42 10.1*	17.101 N	99.595 W	33 N		0.5	7	GUERRERO, MEXICO
20	20 51 59.7*	35.891 N	140.003 E	33 N		1.5	7	NEAR EAST COAST OF HONSHU, JAPAN
a 20	21 36 40.1	29.012 S	178.773 W	256 D	5.4	1.2	248	KERMADEC ISLANDS
a 21	02 36 10.2	13.598 S	166.002 E	33 *	5.5 5.2	1.2	99	VANUATU ISLANDS
21	03 33 53.7?	33.02 S	72.31 W	33 N		1.0	10	OFF COAST OF CENTRAL CHILE
21	03 34 24.5*	36.255 N	5.447 E	10 G		0.9	11	ALGERIA. ML 3.8 (LDG).
21	04 12 57.0?	16.48 N	98.53 W	33 N		1.2	7	NEAR COAST OF GUERRERO, MEXICO
21	06 20 02.8	34.962 N	139.098 E	13		0.8	11	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) at Ajiro and (I JMA) at Owose and on Oshima.
21	08 09 46.1*	22.980 S	69.919 W	76 *	4.5	1.6	9	NORTHERN CHILE. Felt (II) at Antofagasta.
21	08 57 09.1	28.845 N	83.974 E	33 N	4.5	1.4	22	NEPAL
21	09 39 43.0*	28.359 N	140.751 E	10 G	4.7	1.5	23	BONIN ISLANDS REGION
21	10 37 15.0*	40.990 N	73.840 W	5			20	NEW YORK. <PAL-P>. ML 2.8 (PAL), mblg 3.3 (NEIS). Felt (V) in parts of Westchester, Rockland, Bronx and Nassau Counties, New York. Felt in New York, southern Connecticut and northern New Jersey.
21	12 00 31.2*	44.554 N	6.198 E	0 G		0.4	5	FRANCE. ML 2.7 (LDG).
21	12 42 55.5	62.167 N	124.247 W	10 G	4.8	1.1	45	NORTHWEST TERRITORIES, CANADA
21	12 56 03.0*	4.456 S	106.039 W	10 G	4.8 5.2	1.1	19	NORTHERN EASTER I. CORDILLERA
21	13 12 32.5	33.135 S	72.112 W	33 N	4.4	0.6	13	OFF COAST OF CENTRAL CHILE. Felt (III) at Santiago.
21	14 19 19.0?	59.32 N	6.82 E	0 G		0.6	5	SOUTHERN NORWAY. DUR 2.2 (BER). Probable explosion.
21	15 48 51.1*	62.506 N	151.062 W	77		1.0	10	CENTRAL ALASKA. <AGS-P>.
21	17 13 48.4	37.923 N	29.178 E	10 G		1.2	19	TURKEY
21	17 16 33.4*	37.782 N	29.180 E	10 G		0.9	7	TURKEY
21	17 34 30.7*	51.141 N	15.958 E	10 G		1.2	5	POLAND
21	18 34 46.4*	28.134 N	140.958 E	33 N	4.5	1.4	14	BONIN ISLANDS REGION
21	20 53 18.3?	55.12 N	160.69 W	33 N	4.4	1.0	5	ALASKA PENINSULA
21	21 51 30.2?	9.69 N	86.95 W	33 N		0.6	10	OFF COAST OF COSTA RICA
21	22 03 30.9	1.563 S	77.648 W	192	4.6	0.6	20	EQUADOR
21	22 48 49.2	34.665 N	134.697 E	12	4.7	1.0	28	NEAR S. COAST OF SOUTHERN HONSHU. Felt (II JMA) at Kobe, Himeji, Tokamotsu and Toyooko and (I JMA) at Osaka and Okayama.
21	23 16 04.4*	41.897 N	32.449 E	10 G		0.9	9	TURKEY
22	00 48 30.1	6.792 N	73.072 W	160	4.7	1.0	56	NORTHERN COLOMBIA
22	01 26 07.9*	42.640 N	46.480 E	33 N	4.7	1.4	16	EASTERN CAUCASUS
22	02 54 15.9	18.151 S	178.240 W	595	5.0	0.8	72	FIJI ISLANDS REGION
22	03 22 34.8	28.307 N	140.566 E	63 *	4.9	0.7	16	BONIN ISLANDS REGION
22	04 35 31.1?	17.44 N	102.03 W	33 N		0.6	5	NEAR COAST OF MICHOACAN, MEXICO
22	05 40 21.7*	45.689 N	14.189 E	10 G		0.8	7	YUGOSLAVIA. ML 3.2 (KBA), 2.7 (TRI). Felt in the Pivka-Postojna area.
22	07 08 38.6*	20.189 S	66.725 E	10 G	5.2	0.8	27	MASCARENE ISLANDS REGION
22	07 09 50.8	20.419 S	66.798 E	10 G	5.4 4.8	0.9	79	MASCARENE ISLANDS REGION
22	07 51 48.3*	15.980 N	60.682 W	23		0.7	11	LEEWARD ISLANDS
22	08 00 48.2*	5.100 S	129.842 E	213 *	4.7	0.8	11	BANDA SEA
22	08 26 55.2	10.726 N	42.043 W	10 G	4.8 4.6	1.0	48	NORTH ATLANTIC RIDGE
22	09 26 28.9*	20.160 S	66.695 E	10 G	5.2	0.8	21	MASCARENE ISLANDS REGION
22	10 51 32.5	44.006 N	148.123 E	50	5.3 4.3	0.8	162	KURIL ISLANDS. Felt (III) on Shikotan. Felt (I JMA) at Nemuro and Kushiro, Hokkaido.
22	12 56 15.3*	41.452 N	29.487 E	10 G		1.3	5	TURKEY
22	13 59 16.2*	40.074 N	29.327 E	10 G		0.3	9	TURKEY
22	14 10 13.5*	17.196 N	101.531 W	33 N		1.0	9	NEAR COAST OF GUERRERO, MEXICO
22	14 10 44.1	10.443 N	125.719 E	77 *	5.0	1.2	39	LEYTE, PHILIPPINE ISLANDS
22	14 14 11.8	41.711 N	23.880 E	10 G		1.2	8	GREECE-BULGARIA BORDER REGION
22	15 36 38.4*	39.998 N	29.555 E	10 G		0.2	5	TURKEY
22	17 21 11.3*	15.875 S	174.501 W	33 N	4.6 5.1	1.0	28	TONGA ISLANDS
22	17 54 36.6*	38.809 N	27.618 E	10 G		1.1	6	TURKEY
22	18 02 08.2	6.545 N	123.627 E	604 *	4.4	0.5	19	MINDANAO, PHILIPPINE ISLANDS

a	22	19	13	09.4	20.168 S	179.248 W	686 D	5.0	0.9	107	FIJI ISLANDS REGION
	22	19	14	01.6*	20.158 S	179.163 W	700 ?	5.5	0.9	32	FIJI ISLANDS REGION
	22	19	29	12.0*	20.123 S	179.309 W	707 *		0.6	17	FIJI ISLANDS REGION
	22	20	24	27.5*	17.223 N	101.445 W	33 N		1.0	10	NEAR COAST OF GUERRERO, MEXICO
	22	21	47	14.1	9.681 S	117.751 E	33 N	4.9	1.4	38	SUMBAWA ISLAND REGION
	22	21	51	48.8?	6.01 S	127.49 E	419 *	4.5	1.1	9	BANDA SEA
	22	23	34	33.1?	46.15 N	15.55 E	10 G		1.1	6	YUGOSLAVIA. ML 2.7 (KBA). Felt in the Krapinske Toplice area.
	23	00	32	14.3%	38.826 N	27.618 E	10 G		0.9	7	TURKEY
	23	00	40	30.5	10.353 N	125.263 E	33 N	4.8	1.2	43	LEYTE, PHILIPPINE ISLANDS
a	23	00	49	11.1	11.109 S	125.159 E	14	6.0 5.4	0.9	264	TIMOR SEA
	23	01	06	01.3%	17.877 N	97.922 W	33 N		0.6	7	OAXACA, MEXICO
	23	01	07	27.4*	17.914 N	66.082 W	10 G		0.8	5	PUERTO RICO REGION. Felt in the Cayey-Cidra area.
	23	01	28	12.8?	54.52 N	159.82 W	33 N	4.4	1.4	9	SOUTH OF ALASKA. ML 4.4 (PMR).
	23	02	36	54.9%	38.786 N	27.702 E	10 G		0.7	5	TURKEY
	23	02	37	35.3%	59.358 N	152.159 W	35		19	SOUTHERN ALASKA. <AGS-P>.	
	23	03	03	43.2	34.924 N	139.160 E	9		0.5	11	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) at Tateyama and (I JMA) at Miyake and on Oshima.
	23	03	28	58.5%	40.098 N	29.313 E	10 G		0.7	10	TURKEY
	23	03	29	39.5%	40.164 N	29.319 E	10 G		0.6	8	TURKEY
	23	03	29	48.1%	40.145 N	29.274 E	10 G		0.9	8	TURKEY
	23	03	30	27.6%	40.110 N	29.319 E	33 N		1.3	9	TURKEY
	23	05	02	50.2%	58.575 N	153.965 W	81		22	KODIAK ISLAND REGION. <AGS-P>.	
	23	05	29	18.1	32.582 S	14.650 W	10 G	4.8 4.9	0.7	36	SOUTH ATLANTIC RIDGE
	23	06	14	31.8	38.785 N	27.798 E	12	4.2	0.9	31	TURKEY
	23	06	19	33.5	5.755 S	153.133 E	34	5.0	0.8	27	NEW IRELAND REGION
	23	06	25	26.3*	19.997 S	66.752 E	10 G	5.0	1.1	34	MASCARENE ISLANDS REGION
	23	06	27	17.8*	28.375 N	140.829 E	24 *		1.3	23	BONIN ISLANDS REGION
	23	06	45	08.7%	38.788 N	27.720 E	10 G		1.2	6	TURKEY
	23	08	31	03.3*	38.750 N	27.713 E	10 G		0.3	12	TURKEY
	23	09	19	42.0	36.445 N	70.157 E	215 *	4.2	1.2	19	HINDU KUSH REGION. Felt (III) at Dushonbe, USSR.
	23	09	39	18.6%	41.119 N	28.453 E	10 G		0.6	5	TURKEY
	23	09	46	45.7*	23.705 N	121.720 E	28 *		0.3	7	TAIWAN
	23	10	01	55.9%	16.279 N	60.612 W	10 G		0.6	10	LEEWARD ISLANDS
	23	10	13	05.5?	36.85 S	101.55 W	10 G	4.6 4.3	1.3	14	SOUTHERN PACIFIC OCEAN
	23	11	02	53.9?	42.94 N	7.97 E	10 G		0.1	5	WESTERN MEDITERRANEAN SEA. ML 2.9 (LDG).
	23	11	47	12.4%	40.745 N	28.701 E	10 G		0.5	9	TURKEY
	23	12	33	58.8*	36.256 N	139.084 E	108 ?		0.6	9	HONSHU, JAPAN
	23	12	47	19.8*	19.616 S	69.118 W	146 *		1.3	12	NORTHERN CHILE
	23	13	24	30.6	30.395 N	41.959 W	10 G	4.7 4.6	0.8	27	NORTH ATLANTIC RIDGE
	23	14	44	57.2?	61.66 N	5.53 E	10 G		0.4	5	SOUTHERN NORWAY. DUR 2.1 (BER).
	23	15	27	56.7	14.232 N	91.849 W	61	4.9	1.2	123	GUATEMALA. Felt (V) in the Guatemala highland. Felt throughout Guatemala and in Chiapas, Mexico. Felt (II) at San Salvador, El Salvador.
	23	16	37	55.3	38.791 N	27.691 E	6		0.9	18	TURKEY
	23	16	41	06.6%	62.273 N	150.413 W	10		36	CENTRAL ALASKA. <AGS-P>. ML 3.7 (PMR). Felt (III) at Talkeetna and Trappers Creek. Felt (II) at Chase.	
	23	17	07	17.6	34.450 N	140.218 E	67	4.4	0.7	18	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Tateyama and (I JMA) at Miyake-jima and Oshima.
	23	17	16	17.7?	15.22 S	173.34 W	33 N	5.2	1.0	19	TONGA ISLANDS
	23	17	20	31.1	36.412 N	71.495 E	67 ?	4.7	1.1	18	AFGHANISTAN-USSR BORDER REGION
	23	17	46	19.9*	14.104 S	166.402 E	33 N	4.0	1.0	9	VANUATU ISLANDS
	23	18	49	22.0?	3.44 S	151.51 E	33 N	4.6	1.4	6	NEW IRELAND REGION
	23	19	06	29.1	39.219 N	75.355 E	10 G	4.6	1.3	22	SOUTHERN XINJIANG, CHINA
	23	20	09	01.8?	17.98 N	101.99 W	33 N		0.4	5	NEAR COAST OF GUERRERO, MEXICO
	23	20	45	20.2*	28.426 N	140.842 E	33 N	5.1	1.3	19	BONIN ISLANDS REGION
	23	21	09	06.0?	17.88 N	102.96 W	33 N		0.3	7	NEAR COAST OF MICHOACAN, MEXICO
	23	23	27	40.5	24.138 N	121.727 E	33	4.4	1.5	22	TAIWAN
	23	23	35	23.0	24.151 N	121.805 E	10 G		0.8	8	TAIWAN
	24	00	32	57.5	38.656 N	74.561 E	33 N	4.9	1.0	16	TAJIK-XINJIANG BORDER REGION
	24	00	46	55.3*	14.080 S	166.504 E	33 N	4.2	0.5	9	VANUATU ISLANDS
	24	01	44	42.8*	6.128 S	148.885 E	90 *	4.4	0.7	9	NEW BRITAIN REGION
a	24	01	48	55.9	31.386 S	68.605 W	110 D	5.7	1.1	208	SAN JUAN PROVINCE, ARGENTINA. Felt (IV) at Mendoza. Also felt at San Juan.
	24	01	57	30.8%	61.235 N	151.902 W	88		24	SOUTHERN ALASKA. <AGS-P>.	
	24	02	13	12.5	54.252 N	164.380 W	64 D	4.8	1.1	53	UNIMAK ISLAND REGION
	24	02	22	20.4*	21.255 S	178.725 W	540 *	4.4	1.3	28	FIJI ISLANDS REGION
	24	05	05	24.8%	62.408 N	151.282 W	84		21	CENTRAL ALASKA. <AGS-P>.	
	24	05	19	30.1	41.027 N	27.774 E	10 G		1.0	15	TURKEY
	24	06	44	36.8*	51.354 N	179.338 E	33 N	4.8	0.9	16	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR).
	24	08	25	05.2*	0.214 N	79.227 W	96 *	4.7	1.4	13	NEAR COAST OF ECUADOR
	24	09	35	42.5%	59.286 N	153.847 W	123		31	SOUTHERN ALASKA. <AGS-P>.	
	24	10	29	42.1	3.348 S	148.748 E	10 G	4.6	1.4	20	BISMARCK SEA
	24	10	41	11.1*	28.462 N	141.100 E	33 N	4.8	1.4	25	BONIN ISLANDS REGION
	24	11	14	56.9*	8.760 S	157.248 E	33 N	4.7	0.3	6	SOLOMON ISLANDS
	24	12	46	36.2*	36.135 N	31.346 E	10 G		1.4	6	TURKEY
	24	13	53	19.2	6.125 N	127.108 E	77 *	5.2	1.3	58	PHILIPPINE ISLANDS REGION
	24	14	36	03.4?	61.10 N	7.37 E	10 G		0.3	5	SOUTHERN NORWAY. DUR 2.1 (BER).
	24	14	50	31.6	36.184 N	119.990 W	10 G		1.1	14	CENTRAL CALIFORNIA. ML 2.9 (BRK), 3.2 (PAS).
	24	15	00	04.1*	6.201 N	127.092 E	75 *	4.8	1.2	32	PHILIPPINE ISLANDS REGION
	24	15	15	56.1%	38.784 N	27.664 E	10 G		0.6	8	TURKEY
	24	16	54	35.9%	59.417 N	6.624 E	0 G		0.3	6	SOUTHERN NORWAY. DUR 2.3 (BER). Probable explosion.
	24	18	12	57.0?	17.48 N	102.25 W	33 N		1.1	6	NEAR COAST OF MICHOACAN, MEXICO
	24	19	10	21.3*	44.575 N	148.563 E	33 N	4.7	0.9	39	KURIL ISLANDS
	24	19	28	20.5?	16.54 S	174.44 W	295 *	4.6	0.9	10	TONGA ISLANDS
	24	20	02	28.7	20.602 S	177.882 W	550	4.9	1.0	37	FIJI ISLANDS REGION
	24	20	32	40.4	0.358 N	122.412 E	202 *	4.4	1.1	17	MINAHASSA PENINSULA
	24	20	52	44.1*	43.199 N	11.373 E	10 G		0.6	11	CENTRAL ITALY. ML 3.4 (PRT).
	24	21	32	48.2*	28.142 N	140.696 E	33 N	5.1	1.5	19	BONIN ISLANDS REGION
	24	22	25	40.9	63.262 N	145.092 W	33 N		0.4	8	CENTRAL ALASKA. ML 3.5 (PMR).
	24	23	29	41.0?	51.22 N	175.23 W	33 N	4.6	1.4	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	23	32	30.1*	24.279 N	121.860 E	10 G		0.6	6	TAIWAN
	24	23	44	36.8*	23.265 N	123.896 E	33 N	4.0	1.1	8	SOUTHWESTERN RYUKYU ISLANDS

25	00 34 56.07	4.13 S	131.02 E	97 ?	4.3	1.7	6	BANDA SEA
25	00 41 57.37	4.36 S	131.16 E	33 N	4.2	0.4	5	BANDA SEA
25	01 15 55.0*	18.549 S	177.842 W	590 *	4.3	1.0	27	FIJI ISLANDS REGION
25	01 22 27.9	27.501 S	67.185 W	112	5.1	1.2	90	CATAMARCA PROVINCE, ARGENTINA
25	02 09 40.3	52.072 N	171.350 W	33 N	5.6 5.5	0.9	280	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.6 (PMR), Ms 5.6 (BRK), 5.5 (PAS). Felt (II) at Nikolski.
25	02 09 47.87	17.49 N	102.39 W	33 N		0.5	5	NEAR COAST OF MICHOCAN, MEXICO
25	02 26 47.87	39.925 N	28.072 E	10 G		0.4	6	TURKEY
25	04 05 10.1	36.948 N	4.222 W	10 G		1.4	14	STRAIT OF GIBRALTAR
25	04 52 14.8	20.962 S	67.461 W	196		0.8	10	SOUTHERN BOLIVIA
25	06 18 52.4	24.294 N	121.981 E	20	4.2	1.0	30	TAIWAN
25	06 47 04.7	9.203 S	105.595 E	10 G	5.4	1.1	134	SOUTH OF JAVA
25	09 35 17.0	28.335 N	141.281 E	33 N	4.6	1.5	16	BONIN ISLANDS REGION
25	10 23 30.9	10.385 S	79.141 W	33 N	4.9	1.5	19	OFF COAST OF PERU
25	10 48 45.7*	7.250 S	155.873 E	59 *	4.5	0.7	12	SOLOMON ISLANDS. Felt (II) at Arawa, Bougainville.
25	12 43 28.3*	7.028 S	80.676 W	33 N	4.6 4.2	1.3	29	OFF COAST OF NORTHERN PERU. Felt (III) at Chiclayo.
25	13 35 13.2	10.157 N	44.074 W	10 G	4.9	1.3	21	NORTH ATLANTIC RIDGE
25	14 01 17.7*	39.724 N	29.207 E	10 G		1.2	5	TURKEY
25	14 47 22.5*	36.491 N	138.753 E	33 N		1.1	5	HONSHU, JAPAN
25	15 04 19.0*	35.866 N	140.138 E	76 ?		0.7	7	NEAR EAST COAST OF HONSHU, JAPAN
25	17 35 18.0*	10.777 S	123.856 E	33 N		0.9	8	TIMOR
25	17 49 33.5	28.046 N	140.754 E	33 *	5.1	0.8	21	BONIN ISLANDS REGION
25	18 12 19.5	7.077 S	124.284 E	596 D	5.9	1.0	285	BANDA SEA
25	18 32 38.9	28.062 N	140.713 E	21 *	5.2	1.0	31	BONIN ISLANDS REGION. Felt (II JMA) on Chichi-shima.
25	19 49 33.2*	27.838 N	140.697 E	33 N		0.4	8	BONIN ISLANDS REGION
25	19 55 56.8	28.088 N	140.828 E	18 *	5.1	1.3	43	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
25	19 59 03.4	27.109 N	92.594 E	33 N	4.7	1.1	15	INDIA-CHINA BORDER REGION
25	20 22 18.57	51.76 N	16.62 E	10 G		0.4	9	POLAND. ML 3.4 (VKA), 3.0 (KBA).
25	20 27 09.2	27.891 N	140.945 E	33 N		0.8	7	BONIN ISLANDS REGION
25	21 49 10.6*	38.714 N	27.818 E	10 G		0.5	6	TURKEY
25	21 53 19.3	16.393 S	177.750 E	33 N	3.9	0.8	13	FIJI ISLANDS
25	22 23 50.97	6.70 S	102.71 E	33 N	4.8	1.3	22	SOUTHWEST OF SUMATERA
26	00 07 20.57	33.49 N	138.64 E	355 ?	4.5	0.4	9	SOUTH OF HONSHU, JAPAN
26	00 44 14.27	20.57 S	177.65 W	500 *	4.5	1.3	21	FIJI ISLANDS REGION
26	00 49 14.67	35.09 N	139.94 E	33 N		0.3	5	NEAR S. COAST OF HONSHU, JAPAN
26	01 56 51.2*	40.750 N	124.510 W	20			6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK).
26	03 30 38.6	24.426 N	121.873 E	11	4.4	1.3	25	TAIWAN
26	03 41 22.0	53.531 N	164.514 W	33 N	4.8 4.3	1.1	96	UNIMAK ISLAND REGION. Felt (IV) at Cold Bay and (III) at False Pass.
26	03 47 29.2*	38.796 N	27.738 E	10 G		0.9	9	TURKEY
26	04 04 25.7	28.244 N	140.727 E	44 *	4.8	1.0	20	BONIN ISLANDS REGION
26	04 55 45.9*	52.349 N	175.441 E	85 *	4.5	0.9	11	RAT ISLANDS, ALEUTIAN ISLANDS
26	05 18 56.3	21.872 S	178.212 W	399	5.0	0.8	67	FIJI ISLANDS REGION
26	06 14 40.0	36.189 N	140.402 E	78	4.3	1.0	27	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Mito and (I JMA) at Tokyo and Utsunomiya.
26	07 00 08.5*	10.263 S	161.197 E	87 *	4.0	0.7	11	SOLOMON ISLANDS
26	07 13 07.8*	35.348 N	139.721 E	33 N		0.6	5	NEAR S. COAST OF HONSHU, JAPAN
26	08 55 48.2*	61.219 S	153.962 E	10 G	5.1	1.1	26	BALLENY ISLANDS REGION
26	08 59 43.2	34.402 N	25.942 E	46 *	4.4	1.1	80	CRETE
26	09 08 12.27	11.85 S	118.25 E	33 N		0.8	5	SOUTH OF SUMBAWA ISLAND
26	09 19 09.3	13.250 N	89.693 W	57 *	4.4	1.3	42	EL SALVADOR. Felt (III) at San Salvador.
26	10 51 23.1*	15.411 S	178.005 W	434 *	3.9	0.4	11	FIJI ISLANDS REGION
26	12 56 47.9*	24.483 N	122.834 E	93 *	4.0	1.1	17	TAIWAN REGION
26	12 59 54.5	41.171 N	22.734 E	10 G		0.7	8	YUGOSLAVIA
26	13 00 00.1	44.810 N	7.935 E	10 G		0.4	16	NORTHERN ITALY. ML 2.8 (LDG).
26	13 34 39.8*	28.285 N	140.646 E	33 N	5.1	1.4	21	BONIN ISLANDS REGION
26	13 55 20.47	5.31 S	156.63 E	33 N		1.4	6	SOLOMON ISLANDS
26	13 58 01.67	2.74 S	135.57 E	33 N	3.9	0.4	5	WEST IRIAN REGION
26	14 30 51.2*	36.825 N	121.587 W	8			9	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK). Mo=3.9*10**21 (BRK).
26	14 37 35.3*	20.731 S	69.323 W	33 N		0.9	6	NORTHERN CHILE
26	15 59 36.0	54.838 N	159.534 W	33 N	5.6 4.6	1.0	232	SOUTH OF ALASKA. ML 5.3 (PMR). Felt (V) at Cold Bay, (IV) at False Pass and (II) at Sand Point.
26	16 34 58.3	21.855 S	138.969 W	0 G	5.4	1.0	87	TUAMOTU ARCHIPELAGO REGION
26	18 29 58.0*	60.176 N	152.778 W	105			21	SOUTHERN ALASKA. <AGS-P>.
26	19 18 56.8	16.052 N	124.131 E	26	5.0	1.1	66	PHILIPPINE ISLANDS REGION
26	19 31 03.9*	28.940 S	177.592 W	33 N	4.7	1.4	15	KERMADEC ISLANDS REGION
26	21 10 10.9	40.782 N	27.763 E	11		0.6	13	TURKEY
26	23 03 39.2*	24.378 N	121.906 E	10 G		0.6	6	TAIWAN
26	23 22 16.0*	21.524 S	174.995 W	33 N	4.6	0.5	5	TONGA ISLANDS
26	23 41 15.07	40.20 N	123.94 W	5 G		1.0	4	NORTHERN CALIFORNIA. ML 2.8 (BRK).
27	01 31 19.7	23.927 S	69.011 W	87	4.9	1.2	33	NORTHERN CHILE. Felt (III) at Antofagasta.
27	01 39 38.0	49.402 N	127.624 W	10 G	4.7 3.6	1.0	69	VANCOUVER ISLAND REGION
27	01 47 43.6*	42.718 N	1.609 E	10 G		0.9	7	PYRENEES. ML 2.8 (LDG).
27	01 50 05.7*	18.218 N	100.499 W	33 N		0.8	7	GUERRERO, MEXICO
27	03 31 59.5*	15.041 N	119.146 E	33 N	4.5	1.3	12	LUZON, PHILIPPINE ISLANDS
27	03 44 09.5*	38.802 N	27.768 E	10 G		0.9	9	TURKEY
27	04 09 39.67	18.53 S	177.45 W	601 ?	4.2	1.3	9	FIJI ISLANDS REGION
27	04 36 24.4*	61.121 N	4.920 E	10 G		0.3	5	SOUTHERN NORWAY. DUR 2.8 (BER).
27	04 37 29.5*	16.653 S	66.814 W	33 N		1.3	6	BOLIVIA. Felt (III) at La Paz.
27	05 27 54.5*	36.489 N	71.217 E	76 ?	4.7	1.3	17	AFGHANISTAN-USSR BORDER REGION
27	07 33 48.2*	62.677 N	149.147 W	57			31	CENTRAL ALASKA. <AGS-P>.
27	08 03 03.2*	4.981 S	144.329 E	33 N	5.1	0.4	7	NEAR N COAST OF PAPUA NEW GUINEA
27	08 13 14.7	37.619 N	72.134 E	33 N	4.6	0.6	10	TAJIK SSR
27	08 40 12.3*	28.062 N	140.411 E	33 N	4.4	1.1	12	BONIN ISLANDS REGION
27	10 18 27.4*	18.699 N	99.398 W	33 N		1.3	6	GUERRERO, MEXICO
27	10 45 33.2*	3.476 S	139.644 E	33 N	4.9	1.3	15	WEST IRIAN
27	11 45 23.5	41.532 N	15.629 E	10 G	3.8	0.9	48	SOUTHERN ITALY. ML 4.2 (LDG), 3.8 (TTG), DUR 4.2 (TRI).
27	14 12 01.4*	40.440 N	23.903 E	13 *		0.2	6	GREECE
27	15 21 31.57	7.40 S	129.46 E	221 ?	4.2	0.1	6	BANDA SEA
27	16 07 32.2	39.984 N	20.743 E	10 G	4.1	1.3	33	GREECE-ALBANIA BORDER REGION. ML 4.1 (ATH).
27	16 41 48.2	36.370 N	71.014 E	155	4.7	1.1	82	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Parkhar, Pyandzh and Dushanbe, USSR.

27	16 55 16.6*	28.106 N	140.562 E	33 N	4.9	1.4	15	BONIN ISLANDS REGION
a 27	19 03 40.4	58.490 S	154.319 W	83 D	5.4	1.0	251	ALASKA PENINSULA
a 27	19 34 57.1	36.460 N	6.761 E	10 G	5.5 5.9	1.3	285	ALGERIA. Six people killed and damage in the Constantine-Skikdo area. Felt in the Annaba-Setif-Souk Ahras area.
27	20 02 47.9%	47.163 N	0.872 W	10 G		1.0	5	FRANCE. ML 3.0 (LDG).
a 27	22 35 18.0	17.717 S	178.835 W	565	5.4	1.0	161	FIJI ISLANDS REGION
27	22 43 33.5*	8.20 S	156.54 E	33 N		0.4	5	SOLOMON ISLANDS
27	23 46 26.6*	3.603 S	136.728 E	33 N	3.5	0.4	6	WEST IRIAN
27	23 58 25.8	44.613 N	111.081 W	5 G		1.2	10	HEBGEN LAKE REGION. ML 2.7 (NEIS).
28	00 38 57.5*	35.25 N	7.39 E	10 G		1.5	6	ALGERIA. ML 3.9 (LDG).
28	01 14 24.2*	4.613 S	153.642 E	94 *	4.3	0.6	7	NEW IRELAND REGION
28	01 32 51.4*	35.930 N	120.022 W	4			11	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK), 3.2 (PAS).
28	01 42 30.8*	35.932 N	120.013 W	2			10	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK), 3.1 (PAS).
28	01 54 20.8*	36.229 N	7.240 E	10 G	4.1	1.4	11	ALGERIA
28	01 58 36.7*	28.142 N	140.750 E	33 N	4.5	1.2	10	BONIN ISLANDS REGION
28	02 36 33.3*	24.373 S	66.381 W	33 N		1.3	6	SALTA PROVINCE, ARGENTINA
28	02 53 46.6*	3.907 S	134.470 E	33 N	4.4	1.3	8	WEST IRIAN REGION
28	04 01 32.4*	7.322 S	156.666 E	33 N	3.7	1.3	6	SOLOMON ISLANDS
28	04 19 17.5	21.515 S	178.105 W	422	4.9	1.1	53	FIJI ISLANDS REGION
28	04 25 52.3*	36.547 N	121.165 W	7			16	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK).
28	04 39 42.7*	8.472 S	123.870 E	137 ?	4.2	0.9	10	FLORES ISLAND REGION
28	05 42 16.9*	14.77 N	124.18 E	178 ?		1.0	5	LUZON, PHILIPPINE ISLANDS
28	06 15 45.5*	49.32 N	171.66 E	33 N	4.5	0.3	5	ALEUTIAN ISLANDS REGION
a 28	06 37 18.2	3.747 S	151.613 E	10 G	5.2 5.4	1.2	91	NEW IRELAND REGION. Felt (III) at Rabaul, New Britain.
28	08 28 22.9*	61.828 N	151.083 W	81			26	SOUTHERN ALASKA. <AGS-P>.
28	08 28 37.6	44.570 N	111.109 W	5 G		0.7	7	HEBGEN LAKE REGION. ML 2.9 (NEIS).
28	10 14 38.5	15.213 S	176.104 W	33 N	4.8	1.2	19	FIJI ISLANDS REGION
a 28	10 28 14.5	7.331 S	130.850 E	61 D	5.3	1.0	123	TANIMBAR ISLANDS REGION
28	11 12 15.2*	32.238 S	122.441 E	33 N		1.6	7	WESTERN AUSTRALIA
28	11 14 48.0*	60.571 N	152.804 W	114			27	SOUTHERN ALASKA. <AGS-P>.
28	11 34 31.8*	28.130 N	140.560 E	33 N	4.9	1.4	12	BONIN ISLANDS REGION
28	12 08 36.3*	9.463 N	39.648 E	10 G	4.7	1.3	22	ETHIOPIA. Felt at Addis Ababa.
28	12 18 30.8	35.451 N	138.986 E	33 N		0.8	9	HONSHU, JAPAN
28	12 21 03.9	40.709 N	23.338 E	10 G		0.4	7	GREECE
28	12 30 36.1*	17.49 N	101.86 W	33 N		1.0	7	NEAR COAST OF GUERRERO, MEXICO
a 28	12 52 31.2	15.400 S	175.990 W	33 N	5.5 5.7	1.2	111	TONGA ISLANDS. Ms 5.6 (BRK), 5.6 (PAS).
28	13 25 21.0*	15.29 S	176.01 W	33 N	4.7	1.5	9	FIJI ISLANDS REGION
28	13 41 05.4*	15.46 S	175.56 W	33 N	4.0	0.9	5	TONGA ISLANDS
28	13 53 57.2	42.062 N	19.488 E	10 G		0.4	6	YUGOSLAVIA. ML 2.7 (TTG).
28	14 04 25.0*	60.225 N	141.192 W	0	4.3		41	SOUTHEASTERN ALASKA. <AGS-P>.
28	14 16 16.1*	36.329 N	140.468 E	83	4.1	0.8	9	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito.
28	14 27 10.1	16.381 S	175.920 E	10 G	5.0	0.9	17	FIJI ISLANDS REGION
28	14 32 47.3	1.761 N	127.414 E	169 *	5.1	1.2	55	HALMAHERA
28	14 42 41.6*	39.03 N	30.04 E	10 G		0.8	6	TURKEY
28	14 54 39.8*	54.677 N	162.354 E	33 N	4.9	0.9	15	NEAR EAST COAST OF KAMCHATKA
28	16 23 14.3*	4.165 N	128.234 E	165 ?	4.3	1.1	18	NORTH OF HALMAHERA
28	16 45 54.4*	29.250 N	130.616 E	33 N	4.5	1.3	15	RYUKYU ISLANDS
28	17 18 46.8	37.506 N	20.448 E	33 N	4.3 3.6	1.1	44	IONIAN SEA. ML 3.9 (ATH).
28	17 32 25.2	29.214 N	130.590 E	33 N	4.7	1.2	26	RYUKYU ISLANDS
28	17 55 48.6*	66.13 N	150.19 W	10 G		1.6	6	ALASKA. ML 3.5 (PMR).
28	18 07 34.5	27.740 N	140.617 E	28	5.1	1.2	78	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
28	19 20 22.2	44.500 N	9.822 E	23		0.9	30	NORTHERN ITALY. DUR 3.6 (TRI), ML 3.3 (LDG), 3.3 (KBA).
28	20 02 55.0	27.654 N	140.765 E	45 *	4.5	0.9	22	BONIN ISLANDS REGION. Felt (II JMA) on Chichi-shima.
28	20 09 24.4*	24.568 N	122.200 E	10 G	4.1	0.9	7	TAIWAN REGION
28	21 13 21.0	41.810 N	19.777 E	10 G		0.7	8	ALBANIA. ML 2.5 (TTG).
28	21 56 00.1*	22.596 S	69.058 W	166 ?		0.7	7	NORTHERN CHILE
28	23 46 45.0*	8.539 S	149.729 E	138 *	4.3	1.1	13	EAST PAPUA NEW GUINEA REGION
28	23 55 50.2*	28.349 N	140.807 E	33 N	5.0	1.2	12	BONIN ISLANDS REGION
29	00 10 39.3	44.628 N	111.082 W	5 G		1.0	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
29	00 23 14.6*	41.160 N	120.090 W	11			6	NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK).
29	00 41 48.6*	4.562 S	152.796 E	31 *	4.1	1.3	11	NEW BRITAIN REGION
29	00 57 12.0*	6.232 S	131.116 E	146 *	4.7	1.2	11	TANIMBAR ISLANDS REGION
29	02 48 36.7*	46.87 N	0.89 W	10 G		1.3	6	FRANCE. ML 2.7 (LDG).
29	03 55 45.9	33.056 S	70.906 W	61 *		0.3	10	CHILE-ARGENTINA BORDER REGION
29	04 39 48.3*	51.228 N	161.065 E	33 N	4.6	0.6	12	OFF EAST COAST OF KAMCHATKA
29	04 49 31.7*	22.798 S	66.329 W	281 *		1.2	9	JUJUY PROVINCE, ARGENTINA
29	05 19 26.4	5.713 S	103.110 E	33 N	5.2 5.0	1.0	72	SOUTHERN SUMATRA
29	05 42 19.4	44.505 N	9.845 E	10 G		1.0	19	NORTHERN ITALY. ML 3.2 (LDG), 2.9 (KBA), DUR 3.3 (TRI).
29	06 12 15.5	18.960 N	67.153 W	33 N	4.2 4.0	1.1	16	MONA PASSAGE. Felt throughout much of Puerto Rico.
29	06 59 37.7*	5.322 S	144.873 E	33 N	4.0	0.9	6	PAPUA NEW GUINEA
29	07 51 00.8*	16.755 N	99.754 W	33 N		0.6	7	NEAR COAST OF GUERRERO, MEXICO
29	07 56 35.6*	17.81 N	99.05 W	33 N		0.4	5	GUERRERO, MEXICO
29	08 49 56.1*	24.893 N	124.020 E	33 N		1.4	7	SOUTHWESTERN RYUKYU ISLANDS
29	10 01 19.6	6.080 S	154.021 E	15	3.9	0.5	10	SOLOMON ISLANDS
29	10 22 49.7*	59.38 N	6.70 E	0 G		0.2	5	SOUTHERN NORWAY. DUR 2.4 (BER). Probable explosion.
29	12 16 27.3*	40.360 N	28.938 E	10 G		0.8	6	TURKEY
29	12 23 30.4	34.976 N	139.085 E	10 G		0.3	9	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) at Ajiro and (I JMA) on Oshima.
29	12 28 24.8*	34.77 N	138.81 E	10 G		0.3	5	NEAR S. COAST OF HONSHU, JAPAN
29	12 28 45.1*	38.804 N	27.653 E	10 G		0.9	5	TURKEY
29	12 30 18.5*	35.026 N	139.136 E	10 G		0.8	9	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) at Ajiro.
29	12 40 59.3*	15.325 N	61.309 W	10 G		0.2	7	LEEWARD ISLANDS
29	12 43 20.0*	28.239 N	140.646 E	33 N	4.9	1.4	9	BONIN ISLANDS REGION
f 29	13 13 44.6	36.681 N	54.750 E	53	6.0 5.9	1.0	330	IRAN. Ms 6.0 (PAS). Slight damage in the Gorgan-Damghan area and landslides in Emamshahr. Felt at Tehran.
29	13 42 10.5*	36.611 N	54.688 E	33 N	4.6	1.4	15	IRAN
29	13 49 20.7*	36.608 N	54.644 E	33 N	4.5	1.1	10	IRAN
a 29	14 10 39.4	9.569 S	150.989 E	10 G	6.1 6.7	1.1	219	EAST PAPUA NEW GUINEA REGION. Ms 6.6 (BRK), 6.5 (PAS). Felt (V) at Arawa and Panguna, Bougainville. Also felt at Alotau, New Guinea.
29	14 17 38.9	9.564 S	151.061 E	10 G	5.4	1.1	51	DENTRECASTEAUX ISLANDS REGION
29	14 23 06.7*	36.880 N	54.803 E	33 N	5.0	1.1	34	IRAN

29	14 45 47.1	34.918 N	136.197 E	5 G	0.8	11	SOUTHERN HONSHU, JAPAN. Felt (II JMA) at Kyoto and (I JMA) at Osaka and Tsu.
a 29	15 02 27.8	18.158 N	102.548 W	39 5.6 5.4	1.3	169	MICHOACAN, MEXICO. Thirteen people injured because of panic in the Mexico City area. Felt (IV) at Mexico City.
29	15 21 16.4	9.486 S	151.031 E	10 G 5.3	1.1	50	DENTRECASTEAUX ISLANDS REGION
29	16 30 28.6	23.456 S	69.345 W	87 D 5.0	1.1	35	NORTHERN CHILE
29	16 39 09.8*	60.724 N	5.566 E	10 G	0.3	5	SOUTHERN NORWAY. DUR 2.3 (BER).
29	17 16 40.5	44.519 N	9.695 E	10 G	0.6	12	NORTHERN ITALY. ML 2.9 (LDG).
29	17 49 03.3*	9.666 S	150.899 E	17 * 3.9	1.1	10	EAST PAPUA NEW GUINEA REGION
29	18 32 43.8	11.602 S	116.826 E	33 N 4.3	1.1	11	SOUTH OF SUMBAWA ISLAND
29	18 42 49.4?	43.92 N	2.59 E	10 G	1.0	5	FRANCE. ML 2.6 (LDG).
29	19 02 16.9*	32.001 S	69.232 W	10 G	0.8	7	MENDOZA PROVINCE, ARGENTINA
29	21 10 21.0	36.827 N	20.529 E	33 N 4.5	1.0	28	MEDITERRANEAN SEA. ML 4.3 (ATH).
29	21 23 24.5?	15.76 N	60.32 W	33 N	1.0	6	LEEWARD ISLANDS
29	21 30 34.6	44.392 N	114.075 W	5 G	0.7	19	WESTERN IDAHO. ML 4.1 (NEIS). Felt (V) at May, (IV) at Challis and Clayton.
a 29	21 38 04.8	9.543 S	151.033 E	10 G 5.2 4.8	1.0	45	DENTRECASTEAUX ISLANDS REGION
29	22 24 57.1	1.065 N	126.069 E	90 * 5.0	1.1	49	MOLUCCA PASSAGE
29	22 58 28.1	9.566 S	151.399 E	10 G 4.8 4.6	1.3	21	DENTRECASTEAUX ISLANDS REGION
29	23 18 34.3	9.576 S	150.941 E	10 G 4.8	1.2	16	EAST PAPUA NEW GUINEA REGION
29	23 48 09.4	9.509 S	150.938 E	10 G 5.2 5.0	1.1	65	EAST PAPUA NEW GUINEA REGION
29	23 57 38.4	44.378 N	114.155 W	5 G	0.5	9	WESTERN IDAHO. ML 3.2 (NEIS).
29	23 59 17.7?	33.76 S	72.17 W	33 N	0.7	6	OFF COAST OF CENTRAL CHILE
30	00 22 00.8	9.549 S	150.983 E	10 G 5.1	0.9	26	EAST PAPUA NEW GUINEA REGION
30	01 37 18.3	12.372 N	143.914 E	31 5.3 4.9	0.8	28	SOUTH OF MARIANA ISLANDS. Felt (II) on Guam.
30	02 30 41.1	16.799 N	100.298 W	33 N 4.5	1.2	29	NEAR COAST OF GUERRERO, MEXICO
30	02 44 45.5	35.066 N	24.001 E	50 * 4.3	1.3	39	CRETE
30	03 01 27.8?	17.28 N	100.72 W	33 N	0.7	6	GUERRERO, MEXICO
30	03 18 22.1*	16.561 N	100.382 W	33 N 3.8	0.6	7	NEAR COAST OF GUERRERO, MEXICO
30	03 24 18.5*	41.142 N	119.937 W	7		8	NEVADA. <BRK>. ML 3.1 (BRK).
30	03 31 03.7?	16.81 S	174.32 W	33 N 5.1	1.3	7	TONGA ISLANDS
30	03 42 48.6	42.988 N	74.213 W	5 G	0.4	6	NEW YORK. mbLg 2.7 (NEIS). Felt (IV) at Fort Hunter, Fort Johnson, Hagaman and Rock City Falls. Felt (III) at Braadablin and Tribes Hill. Also felt at Amsterdam, Ballston, Galway and Saratoga Springs.
30	03 52 30.9*	33.138 S	67.780 W	184 * 4.4	1.0	19	MENDOZA PROVINCE, ARGENTINA
30	04 39 36.6?	17.35 N	101.24 W	33 N	0.3	5	NEAR COAST OF GUERRERO, MEXICO
30	05 32 32.6?	15.48 N	60.92 W	10 G	0.1	5	LEEWARD ISLANDS
30	06 20 31.2*	28.360 N	140.821 E	33 N 4.7	1.4	10	BONIN ISLANDS REGION
30	07 11 07.8	14.833 S	66.503 E	10 G 5.1	0.8	43	MID-INDIAN RISE
30	07 40 28.4	72.086 N	1.344 W	10 G 4.4	1.0	20	JAN MAYEN ISLAND REGION
30	08 12 19.3	24.260 S	179.882 E	517 5.1	1.0	108	SOUTH OF FIJI ISLANDS
30	09 35 45.2*	9.626 S	151.297 E	10 G 4.5	1.5	10	DENTRECASTEAUX ISLANDS REGION
30	09 46 59.5*	14.953 S	66.681 E	10 G 5.2	0.8	34	MID-INDIAN RISE
30	11 05 50.9?	33.63 S	72.17 W	33 N	0.5	7	OFF COAST OF CENTRAL CHILE
30	11 23 40.2?	33.64 S	72.24 W	33 N	0.5	7	OFF COAST OF CENTRAL CHILE
30	11 29 55.5	33.089 N	137.859 E	341 4.4	0.8	23	NEAR S. COAST OF HONSHU, JAPAN
30	11 52 10.4?	34.02 S	71.41 W	33 N	0.3	7	NEAR COAST OF CENTRAL CHILE
30	12 24 39.4*	15.948 S	177.517 W	451 4.5	0.9	42	FIJI ISLANDS REGION
30	13 02 48.6?	38.881 N	26.968 E	10 G	0.6	11	AEGEAN SEA
30	14 09 51.9*	33.538 S	123.950 E	33 N 3.5	1.1	9	WESTERN AUSTRALIA
30	18 28 45.5*	28.252 N	140.904 E	33 N 4.7	1.5	15	BONIN ISLANDS REGION
a 30	19 05 37.5	51.801 N	175.533 E	33 N 5.6 5.4	0.9	329	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.5 (PMR). Felt (II) on Shemya.
30	19 27 30.6?	17.23 N	102.24 W	33 N	1.0	5	NEAR COAST OF MICHOACAN, MEXICO
30	19 36 27.7*	42.170 N	25.165 E	10 G	0.7	5	BULGARIA
30	20 18 52.4	31.593 N	82.948 E	33 N 4.6	1.5	23	TIBET
30	20 22 13.8*	40.333 N	29.520 E	10 G	0.7	10	TURKEY
30	20 47 00.5*	38.268 N	30.996 E	10 G	1.1	10	TURKEY
30	21 43 18.1?	39.620 N	27.966 E	10 G	0.6	12	TURKEY
30	21 43 35.0?	39.650 N	27.701 E	10 G	1.3	8	TURKEY
30	21 47 11.0	10.783 N	62.075 W	97 * 3.9	1.0	14	NEAR COAST OF VENEZUELA
30	21 53 15.6	36.193 N	44.983 E	10 G 4.3	1.2	33	IRAN-IRAQ BORDER REGION
30	22 55 53.0?	40.029 N	23.505 E	10 G	0.9	5	GREECE
30	23 18 01.6*	37.810 N	21.930 E	33 N	0.9	6	SOUTHERN GREECE. ML 3.1 (ATH).
31	00 06 20.4	10.411 S	78.411 W	48 D 5.0	1.0	46	NEAR COAST OF PERU. Felt at Chimbote. Felt slightly at Lima.
31	00 37 51.1?	32.91 S	72.58 W	33 N	0.5	7	OFF COAST OF CENTRAL CHILE
31	01 06 52.5?	46.890 N	0.503 E	10 G	0.4	8	FRANCE. ML 2.5 (LDG).
31	01 26 57.2*	16.383 N	93.497 W	33 N 4.8	1.4	24	CHIAPAS, MEXICO
31	04 30 11.1	18.159 S	176.445 E	11 4.1	1.4	24	FIJI ISLANDS REGION
31	05 08 21.0*	28.230 N	140.714 E	33 N 5.1	1.2	13	BONIN ISLANDS REGION
31	06 20 19.8	14.832 S	66.553 E	10 G 5.2	0.7	72	MID-INDIAN RISE
31	06 56 10.0*	60.656 N	151.848 W	76		21	KENAI PENINSULA, ALASKA. <AGS-P>.
31	09 18 39.9*	62.438 N	124.245 W	10 G	0.9	5	NORTHWEST TERRITORIES, CANADA
31	10 40 19.1*	24.236 N	121.838 E	10 G	0.5	6	TAIWAN
31	11 01 57.1*	24.269 N	121.753 E	10 G	0.7	7	TAIWAN
31	11 27 53.4	13.445 N	125.031 E	36 * 5.0	1.0	54	PHILIPPINE ISLANDS REGION
31	12 48 08.5?	39.628 N	27.972 E	10 G	0.6	6	TURKEY
31	13 11 40.4?	40.457 N	23.087 E	10 G	0.4	5	GREECE
31	13 12 47.1	28.566 N	140.706 E	33 N 4.7	0.9	7	BONIN ISLANDS REGION
31	14 00 53.0*	13.922 N	120.860 E	206 4.1	1.1	9	MINDORO, PHILIPPINE ISLANDS
31	15 26 08.1	27.124 N	92.505 E	18 4.9	1.0	45	INDIA-CHINA BORDER REGION
31	15 58 49.3?	34.52 S	72.44 W	33 N	0.4	6	NEAR COAST OF CENTRAL CHILE
31	16 06 59.8?	34.48 S	72.46 W	33 N 4.6	0.5	9	NEAR COAST OF CENTRAL CHILE
31	16 11 53.9*	60.146 N	153.081 W	127		19	SOUTHERN ALASKA. <AGS-P>.
31	17 08 40.9?	59.18 N	7.16 E	0 G	0.3	6	SOUTHERN NORWAY. DUR 2.4 (BER). Probable explosion.
31	17 10 11.8?	3.66 S	136.15 E	33 N 3.7	0.6	6	WEST IRIAN
31	18 05 59.8?	15.163 N	60.388 W	30 *	0.2	9	LEEWARD ISLANDS
31	18 32 42.2*	60.611 N	150.386 W	46		34	KENAI PENINSULA, ALASKA. <AGS-P>.
31	18 42 41.7*	35.607 N	140.030 E	33 N	1.2	5	NEAR EAST COAST OF HONSHU, JAPAN
f 31	19 33 06.5	53.249 N	166.936 W	30 G 5.8 5.7	1.0	329	FOX ISLANDS, ALEUTIAN ISLANDS. Ms 5.9 (BRK), 5.8 (PAS).

5.8 (PAL). Felt (IV) at Akutan, False Pass and Unalaska. Felt (III) at Cold Bay and (I) at Sand Point. Depth from broad-band displacement seismograms.

31	19 34 00.4*	7.528 S	129.561 E	116 ?	4.8	1.1	9	BANDA SEA
31	19 55 03.7*	34.460 N	117.880 W	7			10	SOUTHERN CALIFORNIA. <PAS>P>. ML 3.7 (PAS). Felt (V) at Liana, San Dimas and Valiermo. Felt (IV) at Pearblossom and (III) at Acton. Also felt at Palmdale.
31	20 17 35.9	57.786 N	156.249 W	33 N	4.7	1.0	24	ALASKA PENINSULA
31	21 49 20.2	28.692 S	63.171 W	596 D	5.8	0.9	296	SANTIAGO DEL ESTERO PROV., ARG. mb 5.8 (BRK).
31	22 07 55.07	57.27 N	155.80 W	121 ?		1.1	5	ALASKA PENINSULA
31	22 29 56.7*	53.068 N	167.163 W	33 N	4.6	1.0	36	FOX ISLANDS, ALEUTIAN ISLANDS
31	23 32 33.3	44.097 N	11.282 E	13		1.1	27	NORTHERN ITALY. ML 3.3 (LDG), 2.9 (KBA), DUR 2.9 (TRI).
31	23 37 21.8	30.759 N	141.492 E	33 N	4.9	1.1	36	SOUTH OF HONSHU, JAPAN

ADDITIONAL SOURCE PARAMETERS

01 15 54 51.13 52.296N 168.856W 33km 5.7mb (82 obs.) 5.4Msz (22 obs.) FOX ISLANDS, ALEUTIAN ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 14S, 31C Centroid Location: Origin Time 15:54:54.3 0.4 Lat 52.19N 0.04 Lon 168.59W 0.05 Dep 32.8 2.2 Half-duration 2.6 Principal Axes: Scale 10**24 D-CM T Val= 3.50 Plg=75 Azm=319 N 0.54 3 59 P -4.03 15 149 Best Double Couple:Mo=3.8*10**24 NP1:Strike=243 Dip=30 Slip= 95 NP2: 57 60 87	02 20 40 02.83 19.499S 169.843E 38km 5.6mb (18 obs.) 5.1Msz (4 obs.) VANUATU ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 11S, 26C Centroid Location: Origin Time 20:40: 6.4 0.4 Lat 19.21S 0.06 Lon 169.50E 0.05 Dep 10.0 FIX Half-duration 1.9 Principal Axes: Scale 10**24 D-CM T Val= 1.66 Plg= 2 Azm= 35 N 0.02 2 125 P -1.68 87 264 Best Double Couple:Mo=1.7*10**24 NP1:Strike=123 Dip=43 Slip= -93 NP2: 307 47 -87	Scale 10**24 d-cm T Val= 8.75 Plg= 9 Azm= 28 N 0.05 58 133 P -8.80 30 292 Best Double Couple:Mo=8.8*10**24 NP1:Strike= 74 Dip=62 Slip=-164 NP2: 336 76 -29 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 14S, 29C Centroid Location: Origin Time 12:25:54.1 0.2 Lat 35.52N 0.02 Lon 139.74E 0.03 Dep 113.7 1.7 Half-duration 3.4 Principal Axes: Scale 10**24 D-CM T Val= 8.72 Plg=37 Azm= 57 N -0.11 23 167 P -8.60 44 281 Best Double Couple:Mo=8.7*10**24 NP1:Strike= 86 Dip=24 Slip=-171 NP2: 348 86 -67
02 03 16 27.01 43.929N 151.369E 42km 5.4mb (73 obs.) 4.4Msz (2 obs.) KURIL ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 11S, 24C Centroid Location: Origin Time 03:16:24.0 2.1 Lat 43.98N 0.13 Lon 151.64E 0.24 Dep 17.5 6.1 Half-duration 1.4 Principal Axes: Scale 10**23 D-CM T Val= 5.86 Plg= 7 Azm=142 N -1.18 15 50 P -4.67 74 257 Best Double Couple:Mo=5.3*10**23 NP1:Strike=248 Dip=40 Slip= -67 NP2: 39 54 -108	03 21 28 02.06 34.778N 140.826E 74km 5.2mb (58 obs.) NEAR EAST COAST OF HONSHU, JAPAN CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 25C Centroid Location: Origin Time 21:28: 3.9 0.5 Lat 35.04N 0.06 Lon 140.84E 0.05 Dep 56.9 5.0 Half-duration 1.9 Principal Axes: Scale 10**24 D-CM T Val= 1.50 Plg=47 Azm=185 N 0.24 36 326 P -1.74 20 71 Best Double Couple:Mo=1.6*10**24 NP1:Strike=204 Dip=40 Slip= 155 NP2: 314 74 53	04 15 17 07.17 18.304S 48.433E 10km 5.3mb (59 obs.) 5.2Msz (6 obs.) MALAGASAY REPUBLIC CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 31C Centroid Location: Origin Time 15:17:16.0 0.4 Lat 18.08S 0.04 Lon 48.62E 0.05 Dep 10.0 FIX Half-duration 2.0 Principal Axes: Scale 10**24 D-CM T Val= 2.43 Plg=15 Azm= 76 N 0.16 13 169 P -2.59 70 298 Best Double Couple:Mo=2.5*10**24 NP1:Strike=147 Dip=32 Slip=-115 NP2: 357 61 -75
02 09 45 27.35 16.958S 177.149W 33km 4.9mb (11 obs.) 4.8Msz (2 obs.) FIJI ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 25C Centroid Location: Origin Time 09:45:26.5 0.7 Lat 17.25S 0.05 Lon 176.80W 0.07 Dep 10.0 FIX Half-duration 1.7 Principal Axes: Scale 10**24 D-CM T Val= 1.70 Plg= 4 Azm= 93 N -0.07 84 326 P -1.63 5 183 Best Double Couple:Mo=1.7*10**24 NP1:Strike=228 Dip=84 Slip= -1 NP2: 318 89 -174	04 08 41 37.96 27.558N 139.964E 478km 5.6mb (99 obs.) BONIN ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 15S, 33C Centroid Location: Origin Time 08:41:41.2 0.2 Lat 27.56N 0.02 Lon 139.82E 0.02 Dep 467.7 1.2 Half-duration 4.0 Principal Axes: Scale 10**24 D-CM T Val= 13.84 Plg=16 Azm= 49 N -0.26 23 146 P -13.57 61 287 Best Double Couple:Mo=1.4*10**25 NP1:Strike=109 Dip=35 Slip=-133 NP2: 338 65 -64	05 15 24 02.27 62.237N 124.266W 10km 6.5mb (81 obs.) 6.6Msz (17 obs.) NORTHWEST TERRITORIES, CANADA FAULT PLANE SOLUTION: P-Waves NP1:Strike=340 Dip=58 Slip= 90 NP2: 160 32 90 Principal Axes: T Plg=77 Azm=250 P 13 70 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined. MOMENT TENSOR SOLUTION Dep 23 No. of sta: 14 Principal Axes: Scale 10**26 d-cm T Val= 1.12 Plg=66 Azm=181 N -0.01 23 341 P -1.12 8 74 Best Double Couple:Mo=1.1*10**26 NP1:Strike=188 Dip=42 Slip= 125 NP2: 325 57 62 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 17S, 40C M.W.: 12S, 28C Centroid Location: Origin Time 15:24: 9.7 0.2 Lat 62.53N 0.02 Lon 123.93W 0.03 Dep 10.0 BDY Half-duration 8.0 Principal Axes: Scale 10**25 D-CM T Val= 9.00 Plg=81 Azm=106
02 10 49 36.67 14.960S 178.721W 414km 4.2mb (5 obs.) FIJI ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 14S, 30C Centroid Location: Origin Time 05:35:15.6 0.3 Lat 13.47S 0.03 Lon 166.13E 0.03 Dep 23.3 2.0 Half-duration 2.7 Principal Axes: Scale 10**24 D-CM T Val= 3.94 Plg=71 Azm= 10 N 0.46 18 168 P -4.41 7 260 Best Double Couple:Mo=4.2*10**24 NP1:Strike= 9 Dip=41 Slip= 117 NP2: 155 54 68	04 12 25 51.86 35.816N 140.093E 85km 5.9mb (100 obs.) NEAR EAST COAST OF HONSHU, JAPAN FAULT PLANE SOLUTION: P-Waves NP1:Strike=343 Dip=85 Slip= -25 NP2: 75 65 -174 Principal Axes: T Plg=14 Azm= 32 P 21 296 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 90 No. of sta: 14 Principal Axes:	

N -1.14 5 341
P -7.86 8 251
Best Double Couple:Mo=8.4*10**25
NP1:Strike=334 Dip=38 Slip= 81
NP2: 165 53 97

06 07 00 19.76 52.030S 17.893W 10km
5.1mb (6 obs.) 4.7Msz (1 obs.)
SOUTHWESTERN ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 07:00:27.5 0.6
Lat 52.07S 0.07 Lon 17.29W 0.14
Dep 10.0 FLX Half-duration 1.7
Principal Axes:
Scale 10**24 D-CM
T Val= 1.34 Plg= 9 Azm=345
N -0.51 57 89
P -0.83 31 250
Best Double Couple:Mo=1.1*10**24
NP1:Strike= 32 Dip=62 Slip=-163
NP2: 294 75 -30

06 12 00 49.29 18.961S 169.432E 273km
5.7mb (50 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=149 Dip=85 Slip= 18
NP2: 57 72 175
Principal Axes:
T Plg=16 Azm= 15
P 9 282
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 252 No. of sta: 6
Principal Axes:
Scale 10**25 d-cm
T Val= 2.19 Plg=33 Azm= 18
N 0.00 57 206
P -2.19 4 110
Best Double Couple:Mo=2.2*10**25
NP1:Strike=159 Dip=64 Slip= 22
NP2: 59 70 153
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 30C
Centroid Location:
Origin Time 12:00:52.3 0.4
Lat 19.20S 0.03 Lon 169.47E 0.03
Dep 265.9 1.0 Half-duration 4.2
Principal Axes:
Scale 10**24 D-CM
T Val= 18.54 Plg=50 Azm= 43
N -2.03 36 195
P -16.51 14 296
Best Double Couple:Mo=1.8*10**25
NP1:Strike= 64 Dip=44 Slip= 148
NP2: 178 68 51

07 03 05 22.11 38.392N 140.331E 120km
5.0mb (42 obs.)
HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 03:05:22.7 1.0
Lat 38.02N 0.10 Lon 140.41E 0.14
Dep 114.8 5.0 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 6.91 Plg=54 Azm=101
N -1.61 23 228
P -5.30 25 330
Best Double Couple:Mo=6.1*10**23
NP1:Strike=100 Dip=29 Slip= 146
NP2: 221 74 66

08 09 47 24.83 22.825S 66.311W 242km
5.5mb (64 obs.)
JUJUY PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 35C
Centroid Location:

Origin Time 09:47:32.9 0.2
Lat 22.60S 0.03 Lon 66.24W 0.03
Dep 243.8 1.2 Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 7.15 Plg=44 Azm= 78
N -1.68 1 169
P -5.47 46 260
Best Double Couple:Mo=6.3*10**24
NP1:Strike=130 Dip= 2 Slip=-130
NP2: 349 89 -89

09 01 15 04.66 6.791S 107.082E 154km
5.9mb (73 obs.)
JAVA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=70 Slip= 35
NP2: 62 57 156
Principal Axes:
T Plg=39 Azm= 27
P 8 291
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.
MOMENT TENSOR SOLUTION
Dep 136 No. of sta: 11
Principal Axes:
Scale 10**25 d-cm
T Val= 5.92 Plg=57 Azm= 36
N -1.54 19 157
P -4.38 27 257
Best Double Couple:Mo=5.1*10**25
NP1:Strike= 24 Dip=25 Slip= 140
NP2: 152 74 71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 38C
Centroid Location:
Origin Time 01:15: 9.0 0.3
Lat 6.84S 0.03 Lon 106.73E 0.02
Dep 150.1 0.6 Half-duration 6.3
Principal Axes:
Scale 10**25 D-CM
T Val= 5.84 Plg=46 Azm= 43
N -0.97 1 311
P -4.86 44 220
Best Double Couple:Mo=5.4*10**25
NP1:Strike=254 Dip= 2 Slip= 32
NP2: 131 89 91

09 09 33 32.48 54.765N 159.613W 30km
6.2mb (99 obs.) 6.6Msz (23 obs.)
SOUTH OF ALASKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=78 Slip= 90
NP2: 245 12 90
Principal Axes:
T Plg=57 Azm=335
P 33 155
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 23 No. of sta: 16
Principal Axes:
Scale 10**25 d-cm
T Val= 9.55 Plg=56 Azm=325
N -1.62 15 79
P -7.93 30 178
Best Double Couple:Mo=8.7*10**25
NP1:Strike=306 Dip=21 Slip= 139
NP2: 75 76 74
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 46C M.W.: 10S, 25C
Centroid Location:
Origin Time 09:33:38.7 0.2
Lat 54.84N 0.02 Lon 159.40W 0.03
Dep 31.8 1.1 Half-duration 7.4
Principal Axes:
Scale 10**25 D-CM
T Val= 8.77 Plg=60 Azm=323
N -0.21 3 57
P -8.57 30 149
Best Double Couple:Mo=8.7*10**25
NP1:Strike=246 Dip=16 Slip= 99
NP2: 56 75 87

09 17 23 38.38 21.110S 174.198W 66km
5.2mb (19 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 17:23:38.7 1.1
Lat 21.26S 0.09 Lon 174.05W 0.10
Dep 22.4 5.6 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.48 Plg=69 Azm=285
N 1.63 1 193
P -8.11 21 102
Best Double Couple:Mo=7.3*10**23
NP1:Strike=190 Dip=24 Slip= 88
NP2: 13 66 91

10 14 05 11.01 18.667S 177.939W 492km
5.2mb (35 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 17C
Centroid Location:
Origin Time 14:05:15.8 0.8
Lat 18.88S 0.15 Lon 178.01W 0.12
Dep 495.4 4.3 Half-duration 1.5
Principal Axes:
Scale 10**24 D-CM
T Val= 1.45 Plg=49 Azm=141
N 0.10 6 44
P -1.55 41 309
Best Double Couple:Mo=1.5*10**24
NP1:Strike=349 Dip= 7 Slip= 35
NP2: 224 86 96

11 19 29 44.77 30.791S 178.142W 20km
5.5mb (14 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 17C
Centroid Location:
Origin Time 19:29:55.1 1.5
Lat 30.64S 0.12 Lon 178.24W 0.15
Dep 33.5 8.2 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 6.30 Plg=65 Azm=273
N 1.01 7 18
P -7.30 24 111
Best Double Couple:Mo=6.8*10**23
NP1:Strike=216 Dip=22 Slip= 109
NP2: 16 70 83

12 02 12 57.90 21.656S 176.382W 155km
5.9mb (51 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 23 Dip=83 Slip= -90
NP2: 203 7 -90
Principal Axes:
T Plg=38 Azm=113
P 52 293
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 164 No. of sta: 8
Principal Axes:
Scale 10**25 d-cm
T Val= 2.59 Plg=25 Azm=118
N 0.15 26 15
P -2.74 53 246
Best Double Couple:Mo=2.7*10**25
NP1:Strike=250 Dip=30 Slip= -31
NP2: 8 75 -117
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 31C
Centroid Location:
Origin Time 02:13: 5.1 0.2
Lat 21.79S 0.02 Lon 176.08W 0.03
Dep 170.1 0.7 Half-duration 4.8
Principal Axes:
Scale 10**25 D-CM
T Val= 2.50 Plg=31 Azm=118
N -0.07 17 17
P -2.43 54 263

Best Double Couple: Mo=2.5*10**25
 NP1: Strike=250 Dip=21 Slip= -36
 NP2: 14 78 -107

12 12 18 46.74 42.260N 143.035E 66km
 5.3mb (71 obs.)
 HOKKAIDO, JAPAN REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 26C
 Centroid Location:
 Origin Time 12:18:49.8 0.4
 Lat 42.24N 0.05 Lon 143.27E 0.06
 Dep 62.6 3.7 Half-duration 1.8
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 1.57 Plg=70 Azm=280
 N 0.07 7 31
 P -1.63 18 123
 Best Double Couple: Mo=1.6*10**24
 NP1: Strike=225 Dip=28 Slip= 106
 NP2: 27 64 82

12 20 29 20.87 13.154N 89.720W 42km
 5.4mb (70 obs.) 5.5msz (13 obs.)
 EL SALVADOR
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 16S, 33C
 Centroid Location:
 Origin Time 20:29:19.4 0.3
 Lat 12.84N 0.03 Lon 89.93W 0.04
 Dep 40.7 1.9 Half-duration 2.9
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 5.83 Plg= 1 Azm= 23
 N -0.59 8 293
 P -5.25 82 122
 Best Double Couple: Mo=5.5*10**24
 NP1: Strike=121 Dip=44 Slip= -78
 NP2: 285 47 -101

12 22 20 38.03 0.917N 29.921W 10km
 5.4mb (58 obs.) 6.0msz (18 obs.)
 CENTRAL MID-ATLANTIC RIDGE
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 21S, 52C
 Centroid Location:
 Origin Time 22:20:57.3 0.1
 Lat 0.99N 0.02 Lon 29.15W 0.01
 Dep 10.0 FIX Half-duration 5.7
 Principal Axes:
 Scale 10**25 D-CM
 T Vol= 4.52 Plg=11 Azm= 39
 N 0.08 75 176
 P -4.61 10 307
 Best Double Couple: Mo=4.6*10**25
 NP1: Strike= 83 Dip=75 Slip= 179
 NP2: 173 89 15

13 14 13 35.47 25.150S 179.899E 487km
 5.2mb (34 obs.)
 SOUTH OF FIJI ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 18C
 Centroid Location:
 Origin Time 14:13:45.2 1.7
 Lat 25.02S 0.16 Lon 179.73E 0.16
 Dep 506.7 6.2 Half-duration 1.5
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 7.01 Plg=39 Azm= 88
 N 1.67 4 355
 P -8.68 51 260
 Best Double Couple: Mo=7.8*10**23
 NP1: Strike=208 Dip= 7 Slip= -57
 NP2: 355 84 -94

13 15 59 51.22 40.301N 69.823E 16km
 5.8mb (89 obs.) 5.9msz (11 obs.)
 TAJIK SSR
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=223 Dip=63 Slip= 90
 NP2: 43 27 90
 Principal Axes:
 T Plg=72 Azm=133
 P 18 313
 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault

plane is not determined.
 MOMENT TENSOR SOLUTION
 Dep 13 No. of sta: 20
 Principal Axes:
 Scale 10**24 d-cm
 T Vol= 5.45 Plg=70 Azm=203
 N 0.26 20 28
 P -5.71 2 297
 Best Double Couple: Mo=5.6*10**24
 NP1: Strike= 8 Dip=47 Slip= 62
 NP2: 226 50 117
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 16S, 39C
 Centroid Location:
 Origin Time 15:59:56.5 0.3
 Lat 40.22N 0.03 Lon 69.20E 0.05
 Dep 10.0 BDY Half-duration 3.0
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 5.81 Plg=70 Azm=240
 N -0.26 20 68
 P -5.55 3 337
 Best Double Couple: Mo=5.7*10**24
 NP1: Strike= 48 Dip=46 Slip= 61
 NP2: 266 51 116

15 19 52 01.39 85.687N 85.179E 10km
 4.9mb (39 obs.) 5.1msz (4 obs.)
 NORTH OF SEVERNAYA ZEMLYA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 26C
 Centroid Location:
 Origin Time 19:52: 3.3 0.4
 Lat 85.68N FIX; Lon 84.93E FIX
 Dep 10.0 FIX Half-duration 1.6
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 7.76 Plg=15 Azm= 27
 N -0.10 8 120
 P -7.66 73 237
 Best Double Couple: Mo=7.7*10**23
 NP1: Strike=106 Dip=31 Slip= -106
 NP2: 304 60 -81

15 22 29 52.81 85.732N 83.716E 10km
 4.7mb (33 obs.) 4.8msz (4 obs.)
 NORTH OF SEVERNAYA ZEMLYA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 21C
 Centroid Location:
 Origin Time 22:29:50.9 0.9
 Lat 85.71N FIX; Lon 83.57E FIX
 Dep 10.0 FIX Half-duration 1.2
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 3.57 Plg=22 Azm=213
 N 0.64 12 117
 P -4.21 64 0
 Best Double Couple: Mo=3.9*10**23
 NP1: Strike=325 Dip=26 Slip= -60
 NP2: 112 68 -103

17 08 39 26.61 76.068N 6.744E 10km
 4.7mb (21 obs.) 5.1msz (3 obs.)
 SVALBARD REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 8S, 16C
 Centroid Location:
 Origin Time 08:39:31.4 1.0
 Lat 75.65N 0.15 Lon 6.46E 0.60
 Dep 10.0 FIX Half-duration 1.4
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 5.92 Plg=13 Azm=183
 N 1.78 12 276
 P -7.70 72 48
 Best Double Couple: Mo=6.8*10**23
 NP1: Strike=257 Dip=34 Slip= -112
 NP2: 104 59 -76

18 01 44 28.98 56.757N 34.119W 10km
 5.2mb (57 obs.) 5.3msz (7 obs.)
 NORTH ATLANTIC OCEAN
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 16C
 Centroid Location:
 Origin Time 01:44:34.4 0.5
 Lat 56.30N 0.14 Lon 34.10W 0.07

Dep 10.0 FIX Half-duration 1.8
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 1.95 Plg=13 Azm=297
 N 0.31 30 34
 P -2.25 57 186
 Best Double Couple: Mo=2.1*10**24
 NP1: Strike=353 Dip=41 Slip= -139
 NP2: 230 64 -56

18 03 22 23.65 37.619N 136.896E 35km
 5.9mb (99 obs.) 4.9msz (2 obs.)
 NEAR WEST COAST OF HONSHU, JAPAN
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=265 Dip=45 Slip= 90
 NP2: 85 45 90
 Principal Axes:
 T Plg=90 Azm= 0
 P 0 175
 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.

MOMENT TENSOR SOLUTION
 Dep 9 No. of sta: 7
 Principal Axes:
 Scale 10**24 d-cm
 T Vol= 2.55 Plg=71 Azm=270
 N -0.06 19 83
 P -2.48 2 174
 Best Double Couple: Mo=2.5*10**24
 NP1: Strike=282 Dip=46 Slip= 116
 NP2: 66 50 65
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 9S, 16C
 Centroid Location:
 Origin Time 03:22:24.2 0.5
 Lat 37.72N 0.07 Lon 136.74E 0.16
 Dep 35.8 5.2 Half-duration 1.8
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 11.26 Plg=73 Azm= 19
 N 2.36 12 243
 P -13.63 11 150
 Best Double Couple: Mo=1.2*10**24
 NP1: Strike=225 Dip=35 Slip= 69
 NP2: 71 57 105

18 04 19 06.40 46.323N 146.272E 271km
 5.9mb (95 obs.)
 NORTHWEST OF KURIL ISLANDS
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike= 68 Dip=88 Slip= 125
 NP2: 161 35 3
 Principal Axes:
 T Plg=37 Azm= 9
 P 34 129
 Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a large left-lateral strike-slip component. The preferred fault plane is

NP2.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 22C
 Centroid Location:
 Origin Time 04:19: 9.9 0.3
 Lat 46.05N 0.03 Lon 146.10E 0.06
 Dep 277.1 1.5 Half-duration 2.9
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 5.36 Plg=39 Azm=357
 N -0.73 11 259
 P -4.63 49 156
 Best Double Couple: Mo=5.0*10**24
 NP1: Strike=143 Dip=12 Slip= -25
 NP2: 258 85 -101

18 16 55 30.96 4.454N 62.660E 10km
 5.2mb (43 obs.)
 CARLSBERG RIDGE
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 21C
 Centroid Location:
 Origin Time 16:55:31.9 2.0
 Lat 4.32N 0.21 Lon 62.68E 0.11
 Dep 10.0 FIX Half-duration 1.3
 Principal Axes:

Scale 10**23 D-CM
T Val= 5.29 Plg=16 Azm= 37
N 0.19 11 303
P -5.48 70 180
Best Double Couple:Mo=5.4*10**23
NP1:Strike=143 Dip=31 Slip=-68
NP2: 297 62 -103

20 21 36 40.16 29.012S 178.773W 256km
5.4mb (35 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 21:36:45.9 0.3
Lat 29.01S 0.04 Lon 178.73W 0.03
Dep 262.0 1.4 Half-duration 3.4
Principal Axes:
Scale 10**24 D-CM
T Val= 8.45 Plg=13 Azm=111
N -0.28 51 218
P -8.17 36 11
Best Double Couple:Mo=8.3*10**24
NP1:Strike=157 Dip=55 Slip=-162
NP2: 57 76 -36

21 02 36 10.29 13.598S 166.002E 33km
5.5mb (14 obs.) 5.2Msz (3 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 02:36:12.9 0.4
Lat 13.67S 0.05 Lon 166.12E 0.05
Dep 13.1 2.2 Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.74 Plg=77 Azm= 22
N 0.10 10 166
P -1.85 7 257
Best Double Couple:Mo=1.8*10**24
NP1:Strike=359 Dip=39 Slip= 107
NP2: 158 53 77

22 19 13 09.44 20.168S 179.248W 686km
5.0mb (21 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 19:13:14.6 2.2
Lat 20.49S 0.22 Lon 179.31W 0.16
Dep 684.5 9.6 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.80 Plg=59 Azm=105
N -0.30 8 207
P -7.49 30 302
Best Double Couple:Mo=7.6*10**23
NP1:Strike= 54 Dip=16 Slip= 118
NP2: 205 75 82

23 00 49 11.17 11.109S 125.159E 14km
6.0mb (51 obs.) 5.4Msz (8 obs.)
TIMOR SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=207 Dip=74 Slip=-90
NP2: 27 16 -90
Principal Axes:
T Plg=29 Azm=297
P 61 117
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 23 No. of sta: 4
Principal Axes:
Scale 10**24 d-cm
T Val= 7.23 Plg=35 Azm=307
N -1.24 17 205
P -5.99 50 95
Best Double Couple:Mo=6.6*10**24
NP1:Strike= 90 Dip=18 Slip=-24
NP2: 203 83 -107
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:

Origin Time 00:49:19.4 0.6
Lat 11.29S 0.06 Lon 125.10E 0.04
Dep 51.6 3.1 Half-duration 2.4
Principal Axes:
Scale 10**24 D-CM
T Val= 4.51 Plg= 8 Azm=281
N -0.57 7 12
P -3.95 79 144
Best Double Couple:Mo=4.2*10**24
NP1:Strike= 3 Dip=37 Slip=-102
NP2: 198 54 -81

24 01 48 55.95 31.386S 68.605W 110km
5.7mb (55 obs.)
SAN JUAN PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 01:49: 0.4 0.3
Lat 31.55S 0.03 Lon 68.73W 0.05
Dep 124.2 1.4 Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 2.42 Plg= 2 Azm=344
N 0.30 10 74
P -2.73 80 244
Best Double Couple:Mo=2.6*10**24
NP1:Strike= 63 Dip=44 Slip=-105
NP2: 263 48 -76

25 02 09 04.34 52.072N 171.350W 33km
5.6mb (93 obs.) 5.5Msz (20 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 30C
Centroid Location:
Origin Time 02:09:10.4 0.2
Lat 52.10N 0.03 Lon 170.93W 0.03
Dep 37.5 1.9 Half-duration 3.5
Principal Axes:
Scale 10**24 D-CM
T Val= 9.21 Plg=65 Azm=269
N 2.24 17 41
P -11.45 17 136
Best Double Couple:Mo=1.0*10**25
NP1:Strike=251 Dip=31 Slip= 124
NP2: 32 65 71

25 18 12 19.58 7.077S 124.284E 596km
5.9mb (58 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 30 Dip=90 Slip= 110
NP2: 120 20 360
Principal Axes:
T Plg=42 Azm=319
P 42 101
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate strike-slip component. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 18:12:22.7 0.2
Lat 7.24S 0.02 Lon 124.15E 0.04
Dep 595.7 1.6 Half-duration 3.8
Principal Axes:
Scale 10**25 D-CM
T Val= 1.21 Plg=31 Azm= 9
N 0.14 22 265
P -1.35 50 146
Best Double Couple:Mo=1.3*10**25
NP1:Strike=147 Dip=25 Slip=-26
NP2: 260 80 -112

26 05 18 56.38 21.872S 178.212W 399km
5.0mb (20 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 20C
Centroid Location:
Origin Time 05:18:54.7 2.2
Lat 22.04S 0.16 Lon 177.87W 0.17
Dep 396.1 5.8 Half-duration 1.5
Principal Axes:

Scale 10**23 D-CM
T Val= 5.09 Plg=23 Azm=140
N 2.04 16 43
P -7.13 62 282
Best Double Couple:Mo=6.1*10**23
NP1:Strike=258 Dip=26 Slip=-52
NP2: 37 70 -107

26 15 59 36.00 54.838N 159.534W 33km
5.6mb (86 obs.) 4.6Msz (4 obs.)
SOUTH OF ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 15:59:39.7 0.6
Lat 54.87N 0.07 Lon 159.27W 0.10
Dep 23.4 4.4 Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM
T Val= 10.92 Plg=67 Azm=316
N 3.37 3 53
P -14.28 23 145
Best Double Couple:Mo=1.3*10**24
NP1:Strike=241 Dip=22 Slip= 99
NP2: 52 68 86

27 19 03 40.48 58.490N 154.319W 83km
5.4mb (69 obs.)
ALASKA PENINSULA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 19:03:44.9 0.7
Lat 58.58N 0.09 Lon 154.06W 0.14
Dep 105.9 5.5 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 10.55 Plg=35 Azm=286
N 0.65 48 67
P -11.20 20 181
Best Double Couple:Mo=1.1*10**24
NP1:Strike=319 Dip=50 Slip= 168
NP2: 56 81 41

27 19 34 57.12 36.460N 6.761E 10km
5.5mb (51 obs.) 5.9Msz (7 obs.)
ALGERIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 29C
Centroid Location:
Origin Time 19:35: 0.3 0.6
Lat 36.46N 0.07 Lon 6.87E 0.04
Dep 10.0 1.0 Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 6.17 Plg=27 Azm= 75
N 0.08 63 255
P -6.25 0 165
Best Double Couple:Mo=6.2*10**24
NP1:Strike=213 Dip=71 Slip= 20
NP2: 117 71 160

27 22 35 18.05 17.717S 178.835W 565km
5.4mb (39 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 16C
Centroid Location:
Origin Time 22:35:23.9 0.8
Lat 17.96S 0.17 Lon 178.78W 0.13
Dep 577.0 5.0 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 7.89 Plg=60 Azm=123
N 3.74 24 344
P -11.63 18 246
Best Double Couple:Mo=9.8*10**23
NP1:Strike=304 Dip=34 Slip= 45
NP2: 175 67 116

28 06 37 18.25 3.747S 151.613E 10km
5.2mb (18 obs.) 5.4Msz (2 obs.)
NEW IRELAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 26C
Centroid Location:
Origin Time 06:37:26.6 0.4
Lat 3.42S 0.04 Lon 151.44E 0.04

Dep 10.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 3.34 Plg= 1 Azm=144
N 0.93 72 50
P -4.27 18 235
Best Double Couple: Mo=3.8*10**24
NP1:Strike=278 Dip=76 Slip= -12
NP2: 11 78 -166

28 10 28 14.55 7.331S 130.850E 61km
5.3mb (20 obs.)
TANIMBAR ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 10:28:11.7 0.8
Lat 7.90S 0.06 Lon 130.65E 0.07
Dep 102.3 4.1 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.24 Plg=77 Azm=176
N 0.04 10 317
P -1.28 8 48
Best Double Couple: Mo=1.3*10**24
NP1:Strike=150 Dip=38 Slip= 107
NP2: 309 54 77

28 12 52 31.23 15.400S 175.990W 33km
5.5mb (26 obs.) 5.7Msz (12 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 33C
Centroid Location:
Origin Time 12:52:35.1 0.2
Lat 15.26S 0.02 Lon 176.03W 0.02
Dep 10.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 7.73 Plg= 7 Azm=148
N 0.48 67 41
P -8.21 22 241
Best Double Couple: Mo=8.0*10**24
NP1:Strike=283 Dip=69 Slip= -11
NP2: 17 80 -159

29 13 13 44.62 36.681N 54.750E 53km
6.0mb (83 obs.) 5.9Msz (14 obs.)
IRAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=245 Dip=75 Slip= 90
NP2: 65 15 90
Principal Axes:
T Plg=60 Azm=155
P 30 335
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 13
Principal Axes:
Scale 10**25 d-cm
T Val= 2.79 Plg=43 Azm=188
N -0.05 32 61
P -2.74 30 310
Best Double Couple: Mo=2.8*10**25
NP1:Strike=348 Dip=33 Slip= 14
NP2: 246 82 123
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 31C
Centroid Location:
Origin Time 13:13:47.4 0.3
Lat 36.96N 0.04 Lon 54.59E 0.05
Dep 14.6 1.4 Half-duration 4.4
Principal Axes:
Scale 10**25 D-CM
T Val= 1.51 Plg=66 Azm=119
N 0.21 16 248
P -1.71 18 344
Best Double Couple: Mo=1.6*10**25
NP1:Strike= 97 Dip=31 Slip= 122
NP2: 241 64 73

29 14 10 39.44 9.569S 150.989E 10km
6.1mb (42 obs.) 6.7Msz (24 obs.)
EAST PAPUA NEW GUINEA REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 34C M.W.: 9S, 22C
Centroid Location:
Origin Time 14:10:49.0 0.2
Lat 9.64S 0.02 Lon 151.24E 0.02
Dep 10.0 FIX Half-duration 6.2
Principal Axes:
Scale 10**25 D-CM
T Val= 4.47 Plg= 6 Azm=175
N -0.19 13 83
P -4.28 76 291
Best Double Couple: Mo=4.4*10**25
NP1:Strike=279 Dip=40 Slip= -70
NP2: 73 53 -106

29 15 02 27.84 18.158N 102.548W 39km
5.6mb (61 obs.) 5.4Msz (2 obs.)
MICHOCAN, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 17C
Centroid Location:
Origin Time 15:02:27.7 0.7
Lat 17.62N 0.11 Lon 102.05W 0.09
Dep 14.8 FIX Half-duration 3.5
Principal Axes:
Scale 10**24 D-CM
T Val= 9.02 Plg=60 Azm= 18
N 0.70 3 282
P -9.72 30 191
Best Double Couple: Mo=9.4*10**24
NP1:Strike=270 Dip=15 Slip= 77
NP2: 103 75 93

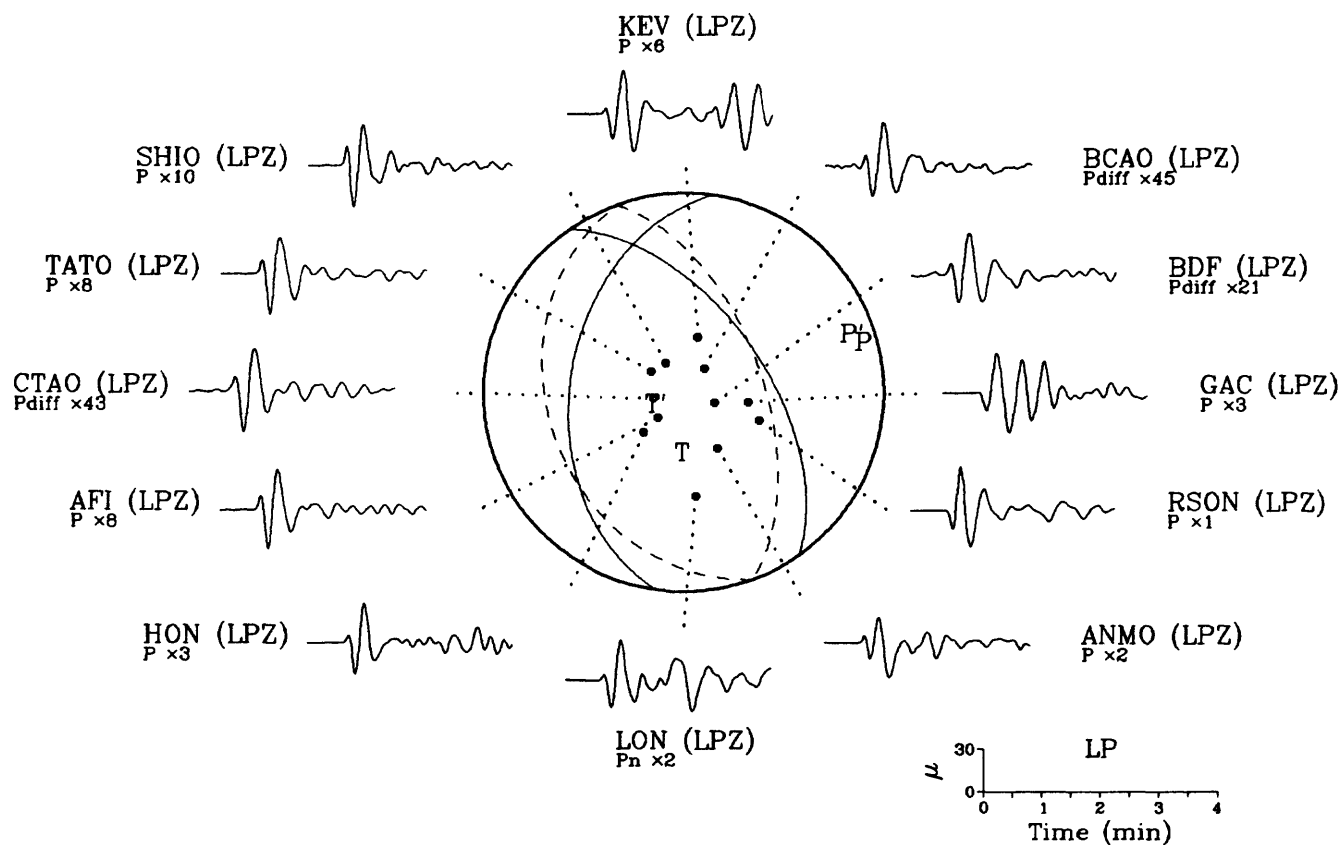
29 21 38 04.86 9.543S 151.033E 10km
5.2mb (4 obs.) 4.8Msz (2 obs.)
DENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 21:38: 7.0 0.9
Lat 9.94S 0.09 Lon 151.37E 0.07
Dep 10.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.41 Plg= 3 Azm= 12
N -1.20 30 103
P -8.21 60 277
Best Double Couple: Mo=8.8*10**23
NP1:Strike= 74 Dip=50 Slip= -131
NP2: 308 55 -52

30 19 05 37.55 51.801N 175.533E 33km
5.6mb (92 obs.) 5.4Msz (19 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 19:05:40.0 0.2
Lat 51.93N 0.03 Lon 175.59E 0.05
Dep 24.4 1.8 Half-duration 3.4
Principal Axes:
Scale 10**24 D-CM
T Val= 6.31 Plg=66 Azm=337
N 0.18 4 77
P -6.50 23 169
Best Double Couple: Mo=6.4*10**24
NP1:Strike=268 Dip=22 Slip= 101
NP2: 75 69 85

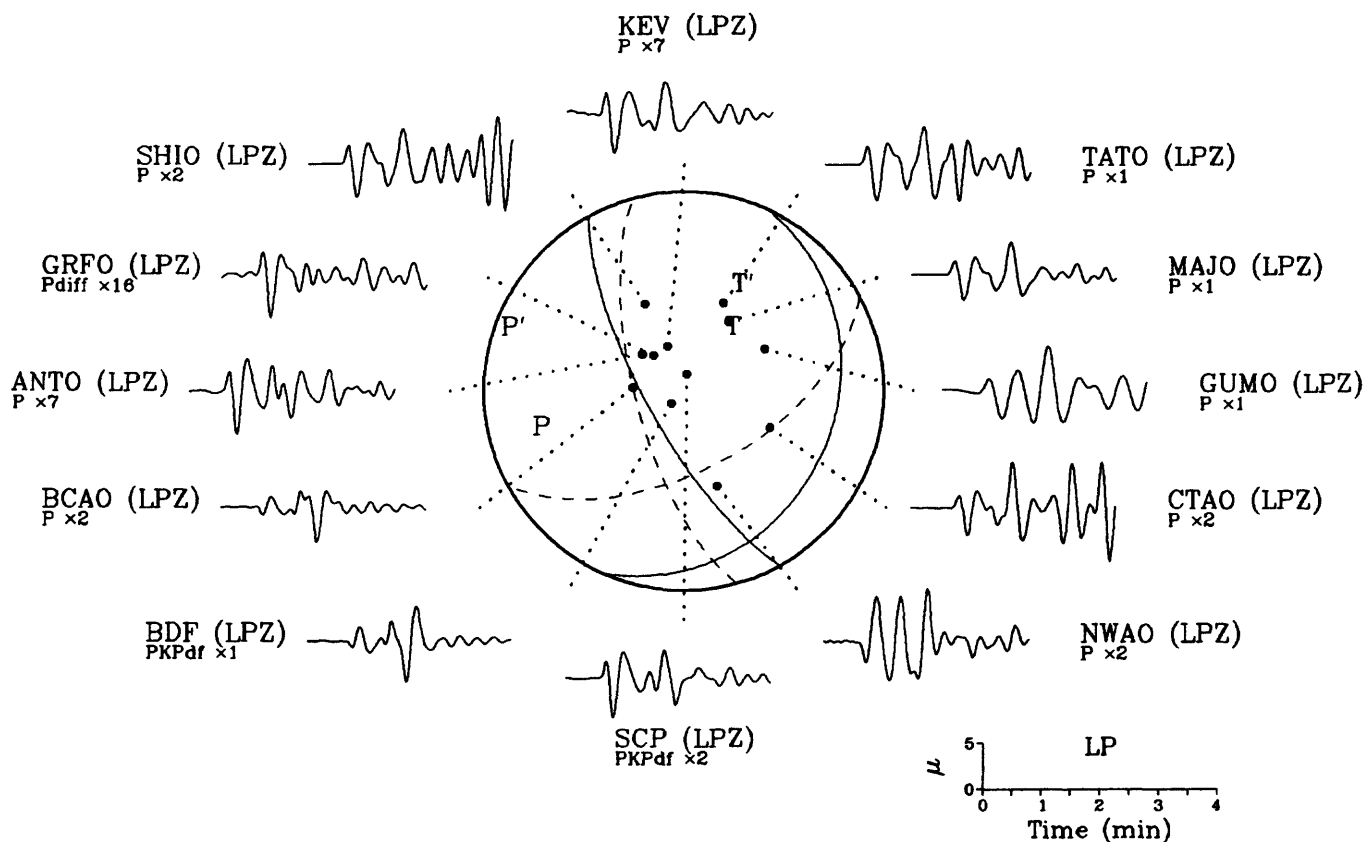
31 19 33 06.56 53.249N 166.936W 30km
5.8mb (89 obs.) 5.7Msz (25 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 59 Dip=73 Slip= 90
NP2: 239 17 90
Principal Axes:
T Plg=62 Azm=329
P 28 149
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 17
Principal Axes:
Scale 10**25 d-cm
T Val= 1.62 Plg=72 Azm=356
N 0.12 8 239
P -1.74 16 147
Best Double Couple: Mo=1.7*10**25
NP1:Strike=224 Dip=30 Slip= 73
NP2: 64 61 100
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 37C
Centroid Location:
Origin Time 19:33:13.3 0.3
Lat 53.11N 0.02 Lon 166.93W 0.04
Dep 54.9 1.5 Half-duration 4.0
Principal Axes:
Scale 10**25 D-CM
T Val= 1.67 Plg=75 Azm=353
N 0.40 5 244
P -2.07 14 153
Best Double Couple: Mo=1.9*10**25
NP1:Strike=236 Dip=32 Slip= 81
NP2: 67 59 96

31 21 49 20.22 28.692S 63.171W 596km
5.8mb (72 obs.)
SANTIAGO DEL ESTERO PROV., ARG.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=140 Dip=85 Slip= -135
NP2: 45 45 -7
Principal Axes:
T Plg=26 Azm=264
P 34 13
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a large strike-slip component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 580 No. of sta: 10
Principal Axes:
Scale 10**25 d-cm
T Val= 5.55 Plg=22 Azm=267
N 0.01 38 160
P -5.56 45 20
Best Double Couple: Mo=5.6*10**25
NP1:Strike= 42 Dip=41 Slip= -21
NP2: 149 76 -129
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 37C M.W.: 11S, 24C
Centroid Location:
Origin Time 21:49:27.0 0.2
Lat 28.79S 0.02 Lon 62.90W 0.02
Dep 595.8 1.2 Half-duration 6.5
Principal Axes:
Scale 10**25 D-CM
T Val= 5.56 Plg=22 Azm=261
N 0.13 34 156
P -5.69 48 18
Best Double Couple: Mo=5.6*10**25
NP1:Strike= 35 Dip=38 Slip= -26
NP2: 145 75 -125

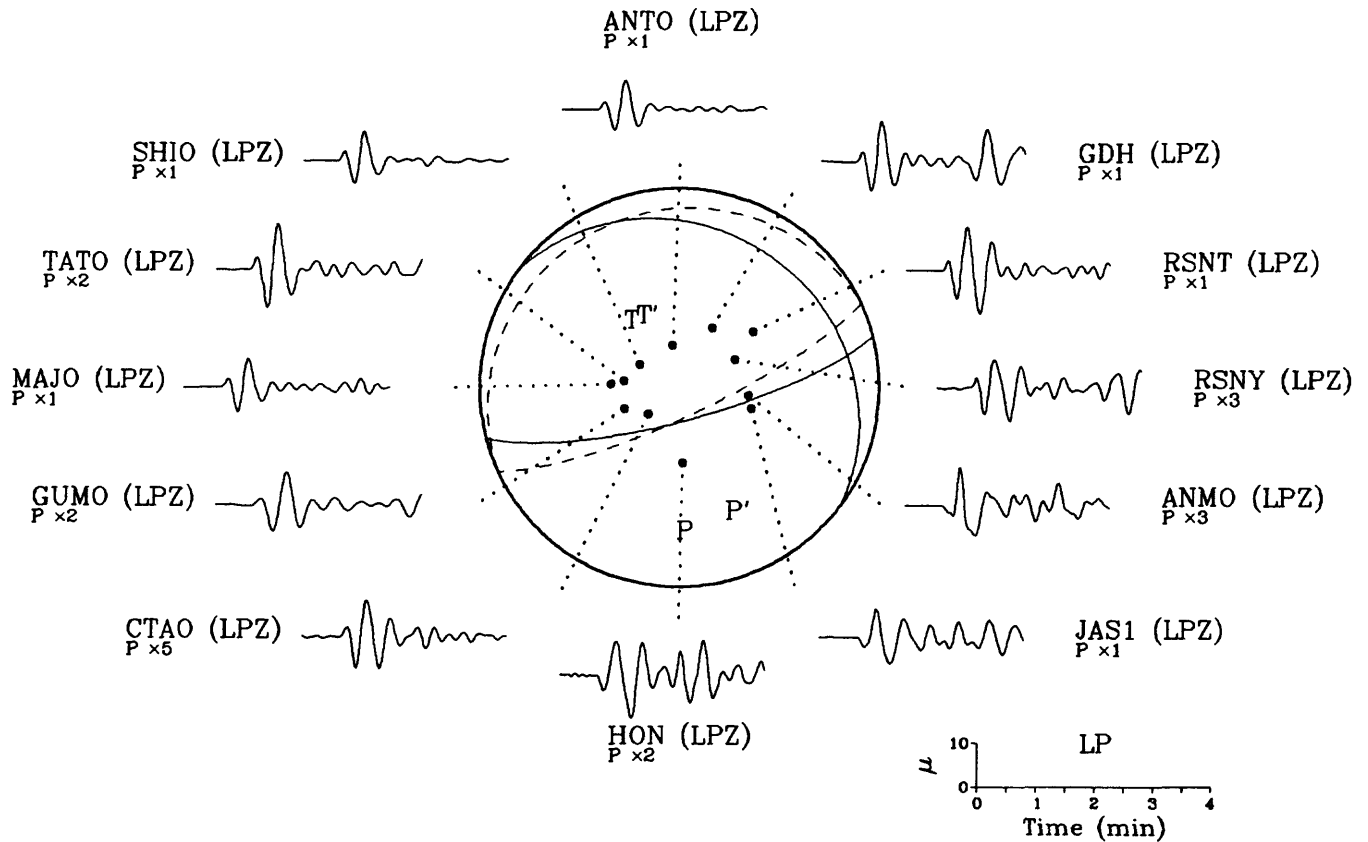
05 October 1985 15:24:02.27
Northwest Territories, Canada



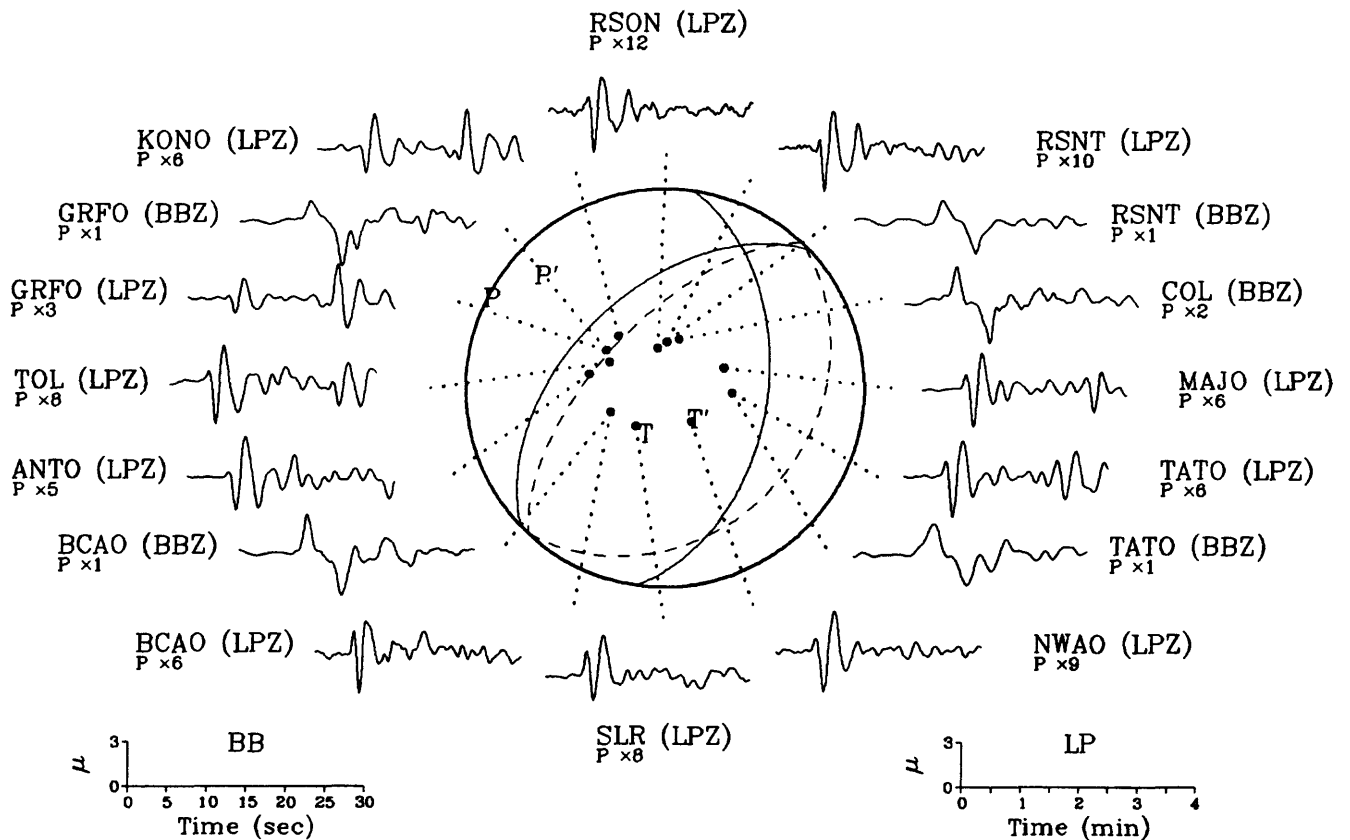
09 October 1985 01:15:04.66
Java



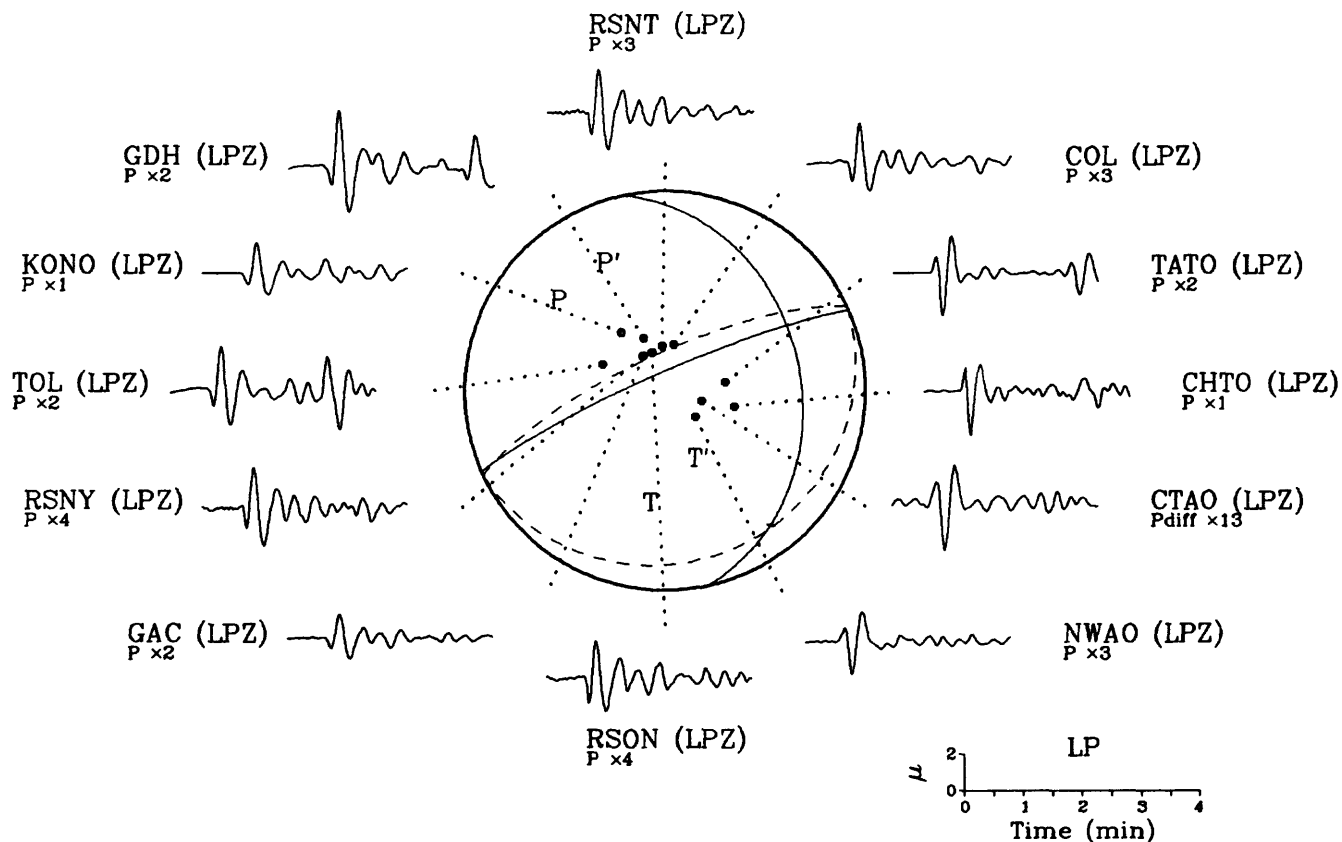
09 October 1985 09:33:32.48
South of Alaska



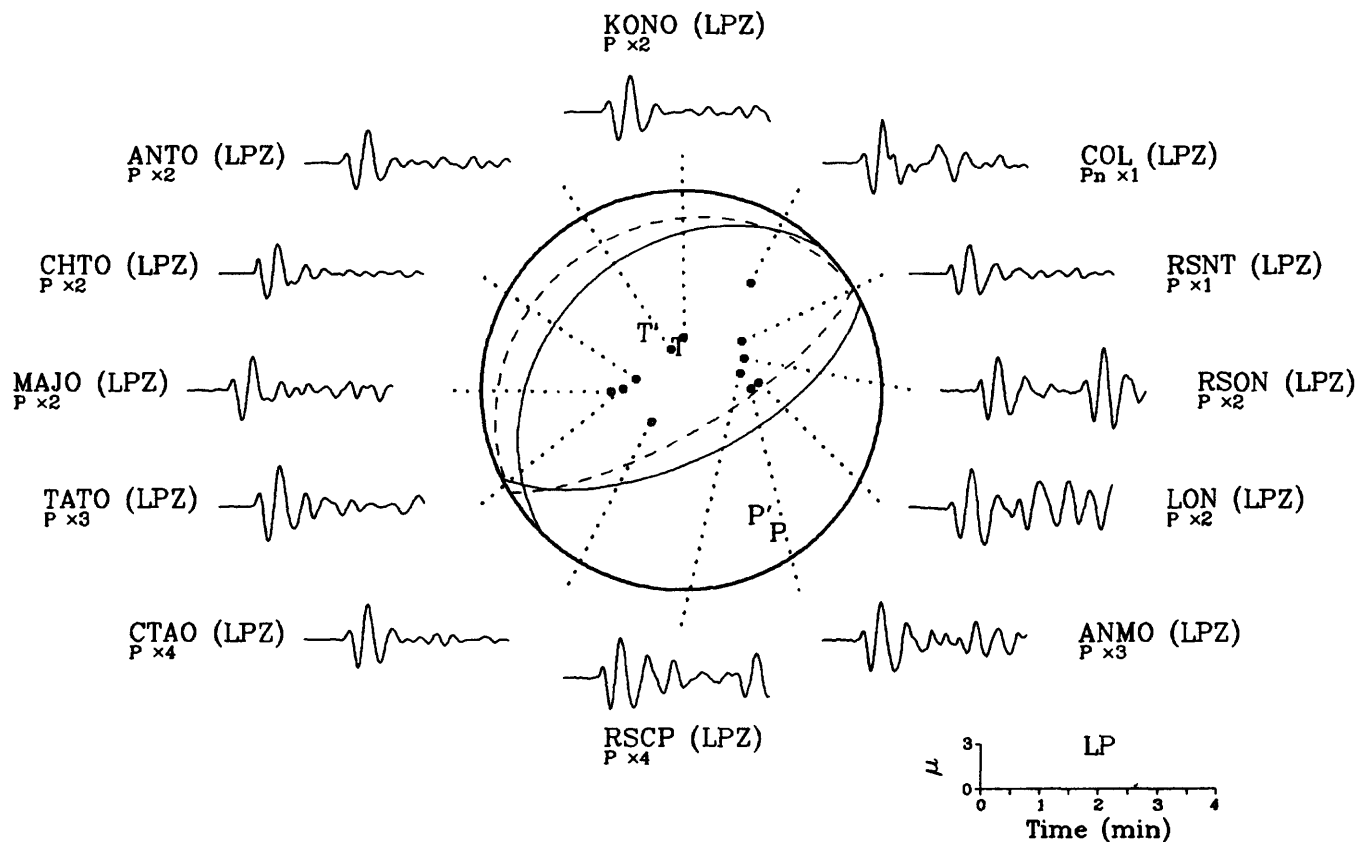
13 October 1985 15:59:51.22
Tajik SSR

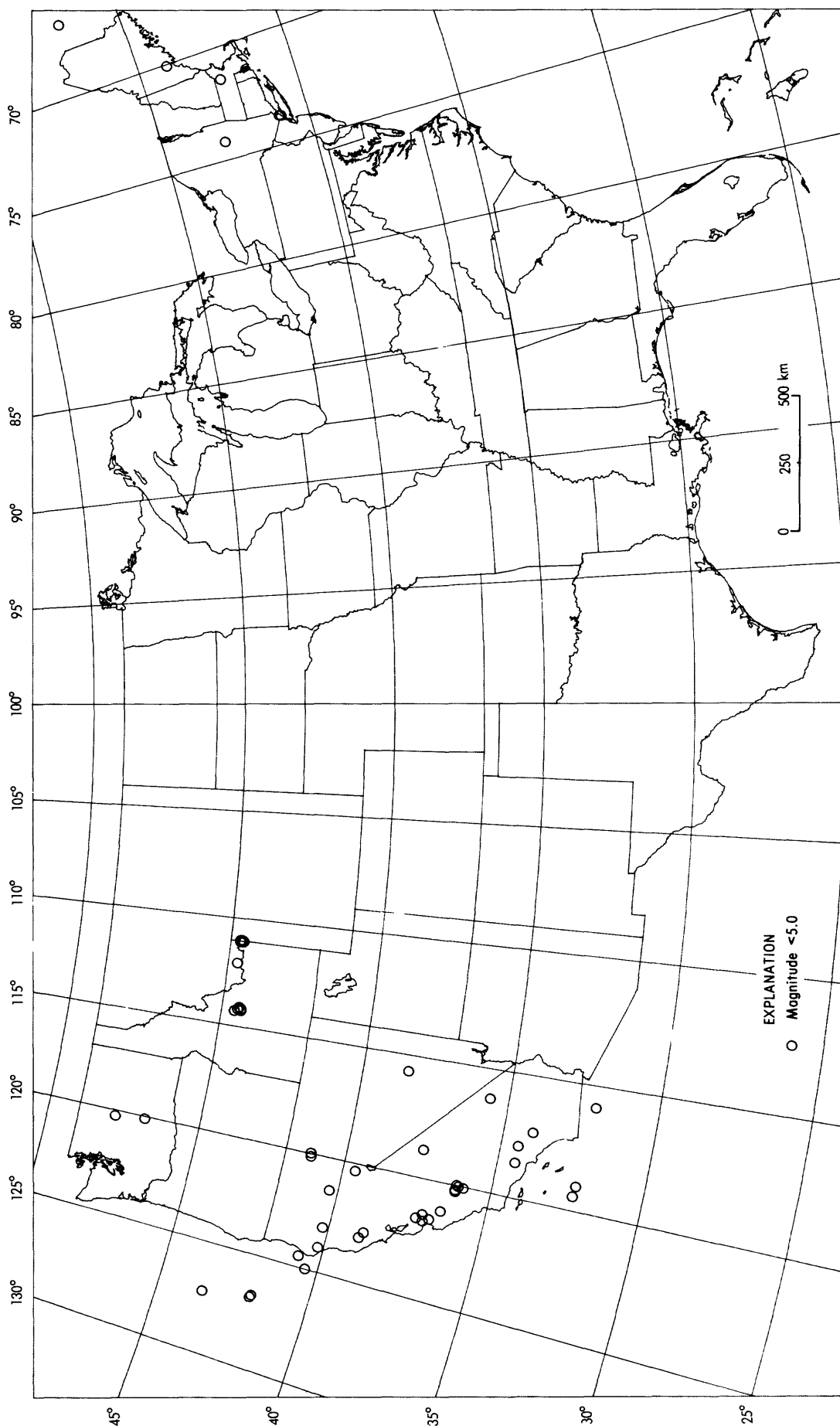


29 October 1985 13:13:44.62
Iran



31 October 1985 19:33:06.56
Fox Islands, Aleutian Islands





Earthquake epicenters in the conterminous United States and adjacent regions for October, 1985 (C. Stover).

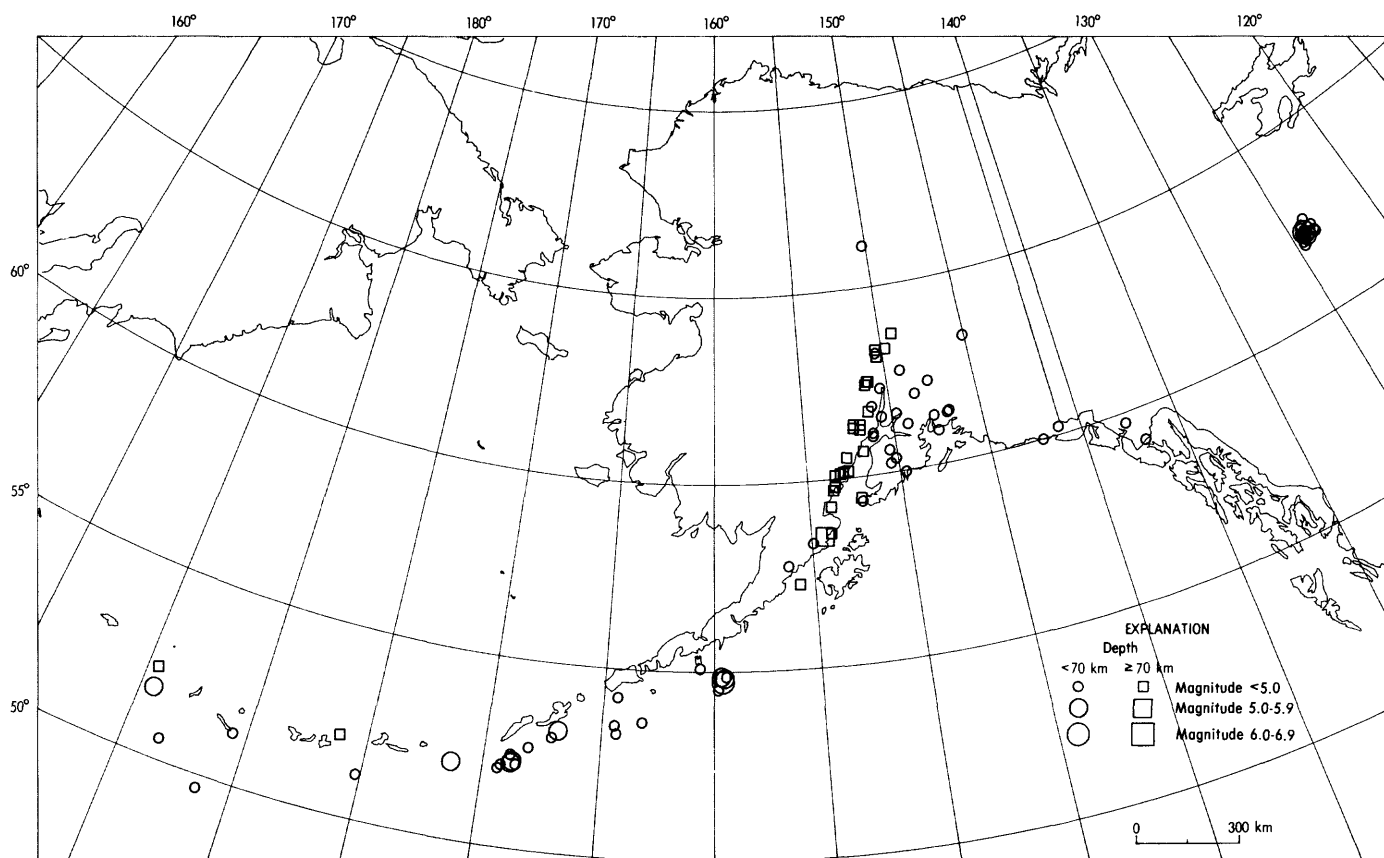
WAVEFORM PLOTS

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

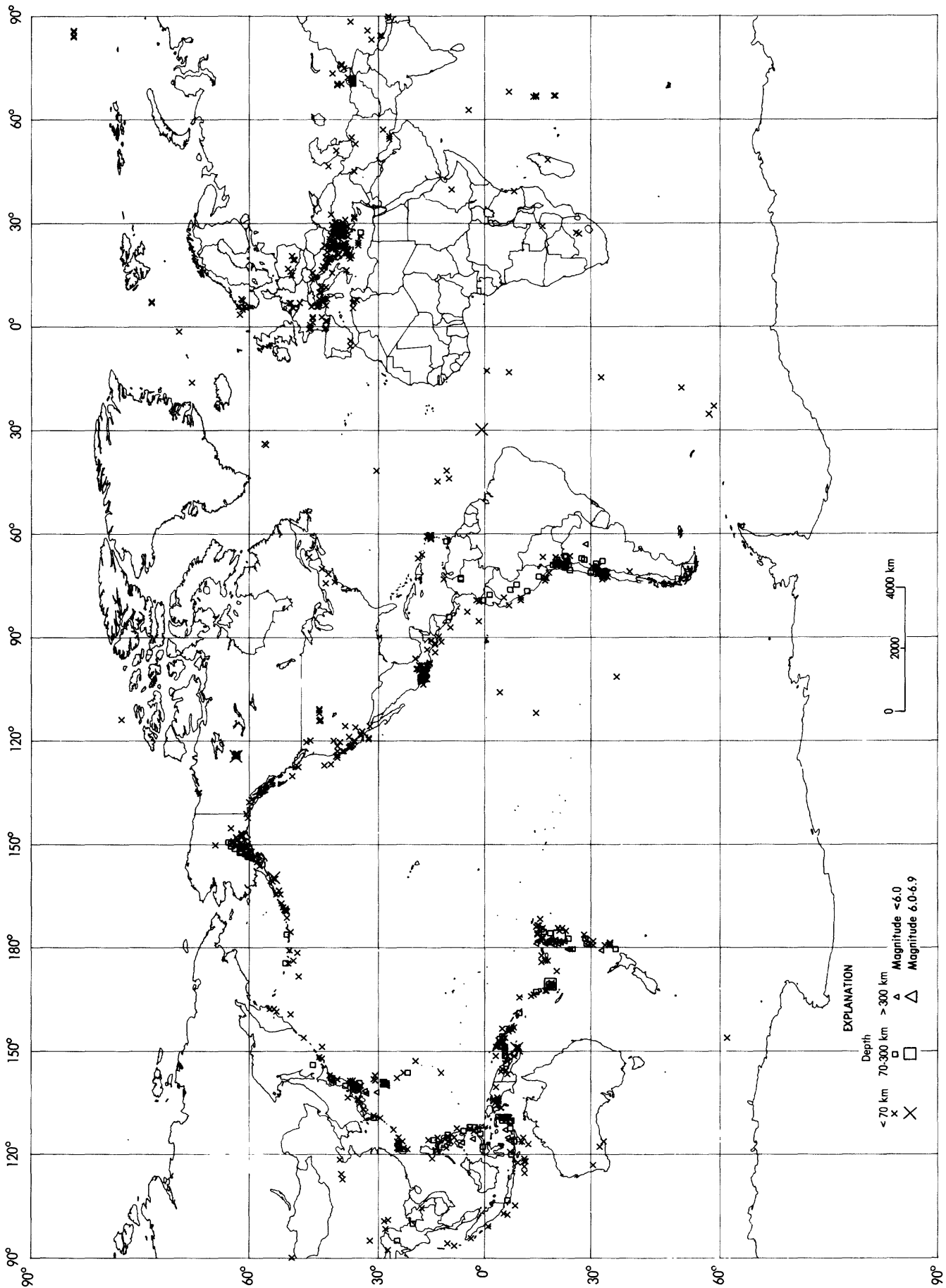
Each waveform will be identified by station code, data type, phase name and scale factor. The data type indicated by LP will be from the long-period channel at the designated station. Each LP waveform will be comprised of approximately one-half minute of noise followed by three minutes of signal. Time and amplitude are referenced to a set of axes shown in the lower right hand corner of each plot. The scale factor is an integer from which absolute amplitude, in micrometers of ground displacement at the dominant period of the pass-band (25 s), may be determined. Absolute amplitude may be recovered by measuring the amplitude of the seismogram relative to the amplitude axis and dividing it by the scale factor. Other data types are indicated by IP (intermediate-period channel), SP (short-period channel), and BB (broad-band displacement). As these types of data have a different pass-band than LP data, different time and amplitude scales than those used for LP data will generally be needed. These scales will be shown in the lower left hand corner of each plot. As with the LP waveforms, the absolute amplitudes of the other data types may be recovered from the amplitude scale and the scale factor. For IP data, the absolute amplitude is referenced to 10 seconds. For SP data, the absolute amplitude is referenced to the dominant period of the pass-band (1 s). BB data are directly proportional to displacement from 0.01 Hz to at least 2 Hz. In addition, each component will be identified by a direction indicator (ie. N, E, and Z for north-south, east-west, and vertical, respectively). Note that the dominant period approximation will not be valid for IP data. However, the scaling will still be correct.

Waveforms will primarily be selected to display variations in the P waveform as a function of azimuth. If space permits, some PKP waveforms may be shown as well. To this end, waveforms which are clipped, non-linear, or very noisy will be rejected. Further, only one of several stations at similar distance and azimuth may be used if all show similar waveforms. Note that the importance of a record in focal parameter derivation will not be considered. Thus, many seismograms will be shown which have not been used in the USGS moment tensor solution. Conversely, records which have been important in constraining one or both solutions may have been passed over for lack of space. The data are derived from the U.S.G.S. Global Digital Seismograph Network (GDSN) and from data contributed by other organizations for distribution on either the Network Day Tapes or Event Tapes. For details on data sources, see the National Earthquake Information Center Newsletter.

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



Earthquake epicenters in Alaska and adjacent regions for October, 1985 (C. Stover).



Earthquakes located in October, 1985 (C. Stover).



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

NOVEMBER 1985

K DAY E Y	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 08 51.4*	32.010 N 116.330 W	6 G			8	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.3 (PAS).
01	02 32 03.4	63.132 N 150.580 W	121	4.4	1.0	23	CENTRAL ALASKA. Felt (II) at Talkeetna.
01	02 34 37.7	27.285 N 96.875 E	42 *	4.8	1.1	45	BURMA-INDIA BORDER REGION
01	03 05 59.8?	19.42 S 174.15 W	161 ?	4.3	0.9	10	TONGA ISLANDS
01	03 53 48.3*	28.153 N 140.673 E	33 N		1.2	13	BONIN ISLANDS REGION
01	04 48 19.7	21.733 S 177.845 W	387 *	4.9	1.2	65	FIJI ISLANDS REGION
01	06 20 21.6?	31.39 S 68.74 W	94 ?		0.3	6	SAN JUAN PROVINCE, ARGENTINA
01	08 03 21.2	27.562 S 176.370 W	35 D	5.1 4.9	1.1	78	KERMADEC ISLANDS REGION
01	09 48 37.5	9.518 S 151.232 E	10 G	5.3	1.3	14	DENTRECASTEAUX ISLANDS REGION
01	09 55 23.1	45.691 N 2.784 E	10 G		0.7	13	FRANCE. ML 2.6 (LDG).
01	11 34 46.8*	38.888 S 72.658 W	33 N	4.8 4.4	0.9	17	CENTRAL CHILE
01	11 35 41.0*	29.488 S 176.496 W	33 N	4.9	1.5	13	KERMADEC ISLANDS REGION
01	12 05 37.2*	28.246 N 140.262 E	33 N		1.2	8	BONIN ISLANDS REGION
01	12 05 53.6	6.023 S 146.249 E	112 *	4.9	1.3	30	EAST PAPUA NEW GUINEA REGION
01	12 47 23.4*	45.074 N 6.595 E	10 G		0.4	5	FRANCE. ML 2.6 (LDG).
a 01	14 44 17.6	38.923 S 176.997 E	39	5.3 4.1	1.0	39	NORTH ISLAND, NEW ZEALAND. Felt throughout the Gisborne and Hawkes Bay region.
01	15 11 28.5	41.135 N 23.587 E	10 G		0.8	7	GREECE-BULGARIA BORDER REGION
01	15 37 55.9?	18.69 S 173.58 W	136 ?	4.8	0.5	8	TONGA ISLANDS
01	17 16 47.3?	7.35 S 138.78 E	33 N		1.3	6	NEAR S. COAST OF WEST IRIAN
01	18 30 14.1?	18.90 S 169.84 E	274		0.5	9	VANUATU ISLANDS
01	18 40 04.8	39.172 N 25.338 E	7		0.9	29	AEGEAN SEA. ML 3.3 (ATH).
01	19 09 25.1?	26.71 S 27.30 E	5 G		0.9	6	REPUBLIC OF SOUTH AFRICA
01	19 37 01.0*	48.874 N 122.127 W	4		6		WASHINGTON. <SEA>. ML 2.4 (NEIS). Felt at Everson.
01	19 55 48.2*	18.320 N 142.378 E	33 N	5.1	1.4	14	MARIANA ISLANDS REGION
01	20 28 01.3*	44.823 N 2.551 E	20 *		1.0	8	FRANCE. ML 3.0 (LDG).
01	20 44 02.8	30.988 N 13.265 W	10 G	4.8	1.1	78	CANARY ISLANDS REGION
01	21 01 28.1*	28.088 N 140.572 E	33 N		1.3	11	BONIN ISLANDS REGION
a 01	22 02 26.1	18.226 N 146.427 E	78 *	5.5	1.0	177	MARIANA ISLANDS
01	22 36 25.6	27.783 N 56.452 E	51 *	4.7	0.8	59	SOUTHERN IRAN. Felt at Bandar-e Abbas.
01	23 08 15.9	64.554 N 148.059 W	33 N		1.3	10	CENTRAL ALASKA. ML 3.9 (PMR). Felt (III) at Fairbanks.
01	23 33 39.0*	45.290 N 73.450 W	5		13		SOUTHERN QUEBEC. <OTT-P>. mbLg 3.3 (OTT). Felt in the Montreal area.
01	23 56 38.9	12.935 N 89.984 W	33 N	4.5 3.7	1.3	47	OFF COAST OF CENTRAL AMERICA
02	00 01 40.4*	38.779 N 27.584 E	10 G		1.0	6	TURKEY
02	00 13 30.6	24.800 N 122.184 E	84	5.2	0.8	23	TAIWAN REGION
02	00 48 40.7?	5.96 S 154.76 E	211 ?		0.9	8	SOLOMON ISLANDS
02	01 14 43.2?	31.71 S 69.11 W	123 ?		0.6	8	SAN JUAN PROVINCE, ARGENTINA
02	01 36 48.8*	45.620 N 2.858 E	10 G		0.4	5	FRANCE. ML 2.1 (LDG).
02	01 57 35.9*	45.641 N 2.872 E	10 G		0.3	8	FRANCE. ML 2.2 (LDG).
02	02 05 40.4*	33.943 S 71.165 W	33 N		0.7	12	NEAR COAST OF CENTRAL CHILE
02	02 41 35.3	51.281 N 179.285 E	33 N	5.1	1.0	83	RAT ISLANDS, ALEUTIAN ISLANDS
02	04 39 44.8	55.659 N 157.271 W	33 N	4.8	0.8	61	ALASKA PENINSULA
02	04 44 57.0*	17.434 N 100.468 W	33 N		0.8	5	GUERRERO, MEXICO
02	05 45 46.6*	17.232 S 70.093 W	173 *	4.3	1.5	8	NEAR COAST OF PERU
02	06 42 32.6*	28.138 N 140.663 E	33 N		1.5	10	BONIN ISLANDS REGION
02	08 49 57.4	41.229 N 22.775 E	10 G		0.3	7	YUGOSLAVIA
02	09 05 35.8?	14.80 N 94.55 W	33 N	3.5	1.0	7	OFF COAST OF CHIAPAS, MEXICO
02	09 11 36.1*	53.006 N 166.658 W	33 N	3.8	1.0	6	FOX ISLANDS, ALEUTIAN ISLANDS
02	09 23 10.9	20.059 N 121.279 E	30	5.0	1.0	68	PHILIPPINE ISLANDS REGION
02	09 34 14.1*	37.521 N 49.068 E	33 N	4.5	1.3	8	CASPIAN SEA
02	11 17 08.2*	53.626 N 164.454 W	33 N	4.7	1.1	14	UNIMAK ISLAND REGION
02	11 46 50.1?	38.88 N 31.49 E	10 G		1.2	8	TURKEY
02	12 21 21.2*	45.038 N 21.496 E	10 G		0.2	5	ROMANIA
02	13 57 12.8	3.864 S 126.498 E	30 *	4.6	0.7	13	BURU
02	14 43 55.3*	24.117 N 121.698 E	10 G		0.6	5	TAIWAN
02	15 49 27.6	27.649 N 56.391 E	33 N	4.5	0.6	31	SOUTHERN IRAN
02	15 53 27.7	0.008 S 123.881 E	119 *	5.0	1.3	74	MINAHASSA PENINSULA

02	16 58 47.2*	28.745 N	141.179 E	33 N		1.2	17	BONIN ISLANDS REGION
02	16 59 22.37	26.59 S	174.40 W	235 ?	4.1	0.5	11	TONGA ISLANDS
02	17 06 32.4*	24.108 N	121.705 E	10 G		0.7	6	TAIWAN
02	18 04 13.7*	29.016 S	67.159 W	33 N		0.2	6	LA RIOJA PROVINCE, ARGENTINA
02	18 32 30.0*	28.125 S	71.186 W	10 G		1.1	11	NEAR COAST OF CENTRAL CHILE
a 02	19 49 24.4	18.052 S	175.869 E	10 G	5.5 5.9	1.1	147	FIJI ISLANDS REGION. Ms 5.9 (PAS).
02	19 55 21.9*	21.427 S	66.750 W	251 *		0.9	9	SOUTHERN BOLIVIA
02	21 03 58.1*	43.851 N	6.946 E	10 G		0.1	5	NEAR SOUTH COAST OF FRANCE
02	21 12 54.8	18.156 S	175.883 E	10 G	5.4 5.5	1.3	121	FIJI ISLANDS REGION
02	22 57 53.7*	60.248 N	153.173 W	124			19	SOUTHERN ALASKA. <AGS-P>.
03	00 21 19.1*	23.985 N	121.965 E	10 G		1.4	16	TAIWAN
03	00 39 00.1*	31.478 S	68.696 W	33 N		0.3	6	SAN JUAN PROVINCE, ARGENTINA
03	00 40 22.0	41.539 N	141.897 E	80	4.8	1.2	40	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Hachinohe and Miyako, Hanshu.
03	03 32 03.5	37.535 N	118.801 W	5 G		1.1	9	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (PAS).
03	03 40 16.97	31.25 S	68.43 W	91 ?		0.2	7	SAN JUAN PROVINCE, ARGENTINA
03	03 57 55.0	23.585 N	91.505 E	33	4.9	1.1	50	INDIA-BANGLADESH BORDER REGION. Felt in the Chittagong, Bangladesh and Agartala, India area.
03	04 23 20.6	0.293 N	121.972 E	157 *	5.1	1.1	43	MINAHASSA PENINSULA
03	05 39 46.2*	33.376 S	71.584 W	10 G		1.3	13	NEAR COAST OF CENTRAL CHILE
03	05 50 08.1*	17.172 N	120.078 E	33 N	4.7	1.5	26	LUZON, PHILIPPINE ISLANDS
03	06 38 44.9	28.182 N	140.621 E	40 *	4.9	1.2	26	BONIN ISLANDS REGION
03	06 59 21.9*	6.602 N	82.341 W	10 G	4.5	1.0	12	SOUTH OF PANAMA
03	07 52 40.4	17.713 N	101.371 W	53 *	4.2	0.9	15	NEAR COAST OF GUERRERO, MEXICO
03	09 00 40.2*	22.004 S	67.440 W	222 *	4.7	0.8	9	CHILE-BOLIVIA BORDER REGION
03	09 35 28.0	24.365 N	123.010 E	52 *	4.7	1.0	14	SOUTHWESTERN RYUKYU ISLANDS
03	09 43 11.97	40.78 N	29.80 E	10 G		1.3	9	TURKEY
03	11 36 42.9*	39.024 N	28.624 E	10 G		1.0	8	TURKEY
03	12 32 35.07	36.80 N	6.65 E	10 G		1.2	8	ALGERIA
03	12 51 02.0*	32.910 N	117.820 W	12			7	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
03	15 01 20.67	10.11 S	151.47 E	10 G	4.3	1.3	5	DENTRECASTEAUX ISLANDS REGION
03	16 23 02.4	28.969 N	130.249 E	52 *	4.7	1.2	30	RYUKYU ISLANDS. Felt (I JMA) at Naze.
03	16 43 44.1*	61.923 N	147.217 W	45			34	SOUTHERN ALASKA. <AGS-P>.
03	19 12 00.3	28.205 N	140.788 E	33 N	5.1	1.2	29	BONIN ISLANDS REGION
03	19 41 08.2*	25.788 N	71.236 E	33 N	4.8	1.4	15	NORTHERN INDIA
03	19 43 53.97	31.58 S	68.80 W	112 *		0.4	7	SAN JUAN PROVINCE, ARGENTINA
03	20 52 24.8*	16.235 N	99.225 W	56 *	3.9	1.3	12	NEAR COAST OF GUERRERO, MEXICO
03	21 08 59.1*	15.968 N	60.628 W	10 G		0.3	9	LEEWARD ISLANDS. ML 2.7 (FDF).
03	21 13 36.2*	7.596 S	129.222 E	124 ?	4.7	1.4	11	BANDA SEA
03	23 26 49.4	37.495 N	76.828 E	35 *	4.7	1.3	32	SOUTHERN XINJIANG, CHINA
04	02 14 13.7*	33.281 S	71.552 W	10 G		0.8	10	NEAR COAST OF CENTRAL CHILE
04	02 26 29.77	34.79 S	67.89 W	5 G		1.0	15	MENDOZA PROVINCE, ARGENTINA
04	03 30 59.2*	28.114 N	140.463 E	33 N	4.7	1.5	13	BONIN ISLANDS REGION
04	05 19 47.6*	23.258 N	120.395 E	10 G		1.0	7	TAIWAN
04	05 45 47.8	25.937 N	99.422 E	33 N	4.2	1.3	15	YUNNAN PROVINCE, CHINA
04	06 04 14.3	47.851 N	6.552 E	10 G		0.9	16	FRANCE. ML 3.3 (LDG).
04	06 39 39.6*	23.854 S	66.670 W	206	4.7	1.3	13	JUJUY PROVINCE, ARGENTINA
04	07 59 27.9*	62.494 N	151.021 W	78			18	CENTRAL ALASKA. <AGS-P>.
04	09 59 19.6*	59.000 N	151.363 W	57			33	KENAI PENINSULA, ALASKA. <AGS-P>.
04	11 31 11.0*	35.610 S	72.933 W	33 N	4.7	1.1	24	NEAR COAST OF CENTRAL CHILE
04	12 37 23.7*	31.799 N	67.539 E	33 N	4.5	0.7	6	AFGHANISTAN
04	12 45 58.7*	28.140 N	140.503 E	33 N	4.8	1.2	12	BONIN ISLANDS REGION
04	13 22 35.5	44.059 N	10.251 E	13		1.3	25	NORTHERN ITALY. ML 3.5 (LDG), 3.2 (KBA).
04	13 50 31.07	16.95 N	95.08 W	184 ?		0.3	6	OAXACA, MEXICO
04	14 47 21.0*	17.641 S	178.440 W	583	4.9	0.7	30	FIJI ISLANDS REGION
04	14 52 42.2*	45.632 N	2.891 E	10 G		0.2	7	FRANCE. ML 2.2 (LDG).
04	14 55 46.47	31.33 S	68.68 W	87 ?		0.2	5	SAN JUAN PROVINCE, ARGENTINA
04	15 03 49.8*	61.902 N	151.768 W	110			31	SOUTHERN ALASKA. <AGS-P>.
04	15 09 27.9*	32.670 N	118.020 W	6 G			13	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
04	15 31 01.47	20.75 S	32.85 E	10 G		0.8	5	ZIMBABWE
04	15 43 55.47	3.39 S	141.40 E	33 N	3.6	1.3	8	PAPUA NEW GUINEA
04	18 21 41.5*	28.945 S	70.124 W	121 *	4.5	1.3	19	CENTRAL CHILE
04	19 12 34.2	35.237 S	70.696 W	18	5.1	1.2	60	CHILE-ARGENTINA BORDER REGION. Felt (IV) at Rengo, (III) at Santa Cruz and (II) at Santiago, Chile.
04	19 27 44.6*	35.28 S	70.79 W	10 G		1.0	10	CHILE-ARGENTINA BORDER REGION
04	20 34 14.6*	28.067 N	140.498 E	33 N	4.5	1.1	9	BONIN ISLANDS REGION
a 04	21 23 08.8	13.667 N	120.194 E	77	5.4	1.1	124	MINDORO, PHILIPPINE ISLANDS
04	22 22 53.8*	15.128 N	61.216 W	10 G		0.4	5	LEEWARD ISLANDS. ML 1.7 (FDF).
04	22 37 19.8*	12.153 S	76.971 W	45 D	5.0	1.1	13	NEAR COAST OF PERU. Felt strongly at Lima.
04	22 43 24.6	17.037 S	174.625 W	140 *	4.9	1.0	68	TONGA ISLANDS
04	23 14 53.0	40.376 N	28.437 E	10 G		0.8	15	TURKEY
04	23 20 18.8*	60.098 N	153.023 W	119			23	SOUTHERN ALASKA. <AGS-P>.
a 05	00 53 13.5	16.613 S	177.537 W	377 *	5.2	1.2	83	FIJI ISLANDS REGION
a 05	01 27 59.7	62.531 N	151.380 W	81	5.1	1.0	203	CENTRAL ALASKA. mb 5.3 (BRK). Felt (IV) at Talkeetna and Denali National Park, (III) at Anchorage, Cooper Landing, Chugiak, Kasilof, Paxson, Skwentna, Sutton and Willow. Felt (II) at Fairbanks and Palmer.
05	03 49 45.37	43.45 N	8.34 E	33 N		0.2	5	CORSICA
05	04 51 51.3*	33.528 S	71.714 W	10 G		0.9	13	NEAR COAST OF CENTRAL CHILE
05	06 00 27.97	30.48 S	69.02 W	10 G		0.4	5	CHILE-ARGENTINA BORDER REGION
05	06 17 32.9*	28.195 N	141.530 E	33 N		1.0	16	BONIN ISLANDS REGION
05	06 44 27.3*	6.268 S	150.494 E	33 N		1.1	8	NEW BRITAIN REGION
05	08 40 32.0	9.168 S	75.915 W	130 *	4.8	0.9	35	PERU
05	09 42 38.4*	11.851 N	143.177 E	14	4.6	1.0	16	SOUTH OF MARIANA ISLANDS
05	09 46 28.0	47.122 N	9.461 E	10 G		1.4	8	GERMANY. ML 2.4 (KBA).
05	10 40 38.67	36.93 N	22.00 E	105 *	3.9	0.8	12	SOUTHERN GREECE
05	11 18 51.7*	18.281 S	175.229 W	180 G	5.1	1.0	23	TONGA ISLANDS
05	15 24 39.7*	27.990 N	140.558 E	33 N	3.8	1.2	9	BONIN ISLANDS REGION
05	15 29 31.9*	31.768 S	68.226 W	10 G		0.4	6	SAN JUAN PROVINCE, ARGENTINA
05	15 30 51.1	35.303 N	140.084 E	59	5.2	1.0	123	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Tokyo, Chiba and Yokohama; (II JMA) at Choshi, Katsura and on Oshima; (I JMA) at Utsunomiya, Kofu, and on Hachijo-jima.

05	19	01	24.3&	62.305 N	149.852 W	19			43	CENTRAL ALASKA. <AGS-P>. ML 3.7 (PMR). Felt (III) at Talkeetna and Big Lake. Felt (II) at Palmer.		
05	21	15	27.1	13.782 N	120.657 E	100 *	4.4	0.8	26	MINDORO, PHILIPPINE ISLANDS. Felt (II RF) at Puerto Galera. Felt also at Cubi Point, Luzan.		
05	21	25	50.5?	17.40 S	73.71 W	33 N		0.3	5	OFF COAST OF PERU		
05	21	35	34.8	47.634 N	5.596 E	30		1.0	22	FRANCE. ML 3.4 (LDG).		
05	22	06	34.7	35.924 N	118.316 W	5 G		1.0	10	CENTRAL CALIFORNIA. ML 3.3 (BRK).		
05	22	39	15.8&	37.345 N	121.725 W	6			14	CENTRAL CALIFORNIA: <BRK>. ML 3.0 (BRK). Ma=3.9+10+20 (BRK).		
05	22	41	51.9&	60.991 N	151.624 W	76			27	KENAI PENINSULA, ALASKA. <AGS-P>.		
05	22	46	46.0?	37.05 N	71.06 E	33 N	4.5	1.3	7	AFGHANISTAN-USSR BORDER REGION		
05	22	58	02.9	5.065 N	76.165 W	108	4.9	1.1	50	COLOMBIA. Felt in central Calambia.		
05	23	15	25.9?	13.85 N	93.21 W	33 N	3.5	1.5	7	OFF COAST OF CHIAPAS, MEXICO		
05	23	48	22.6*	40.132 N	142.708 E	33 N	4.7	1.2	7	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Miyako.		
06	01	33	18.0*	27.632 N	141.163 E	33 N		1.2	14	BONIN ISLANDS REGION		
06	03	23	36.3?	31.53 S	69.06 W	65 ?		0.4	7	SAN JUAN PROVINCE, ARGENTINA		
06	05	21	37.1?	16.910 N	61.038 W	30		0.7	9	LEEWARD ISLANDS. ML 3.1 (FDF).		
06	05	33	54.4	22.881 S	63.739 W	547 *		0.7	19	SALTA PROVINCE, ARGENTINA		
06	05	36	48.2	22.898 S	63.767 W	539	3.9	0.9	24	SALTA PROVINCE, ARGENTINA		
06	06	27	43.5?	17.26 S	72.60 W	33 N		0.8	5	NEAR COAST OF PERU		
06	06	54	13.6	7.094 S	145.992 E	173	5.1	1.1	52	NEAR S COAST OF PAPUA NEW GUINEA		
06	08	08	59.0*	36.292 N	139.778 E	78		0.9	11	HONSHU, JAPAN. Felt (II JMA) at Mita and Utsunomiya. (I JMA) at Kumagaya and Nikko.		
a	06	08	15	39.6	58.716 S	26.223 W	132 G	5.7	0.8	158	SOUTH SANDWICH ISLANDS REGION. Depth from broadband displacement seismograms.	
06	08	38	47.2	22.168 N	118.550 E	26 *	4.7	1.0	19	TAIWAN REGION		
06	09	44	31.9*	5.440 N	125.881 E	33 N	4.6	1.2	13	MINDANAO, PHILIPPINE ISLANDS		
06	14	25	25.1?	49.70 N	1.51 W	10 G		1.1	19	FRANCE. ML 3.2 (LDG).		
06	14	27	53.2?	15.66 N	99.05 W	33 N	4.3	0.7	8	OFF COAST OF GUERRERO, MEXICO		
06	14	50	50.2?	59.30 N	6.95 E	10 G		0.4	6	SOUTHERN NORWAY. DUR 2.3 (BER).		
06	15	57	03.1?	16.97 S	173.63 W	70 G	4.6	1.5	17	TONGA ISLANDS		
a	06	16	08	54.4	40.502 S	74.910 W	33 N	5.1	5.1	0.9	40	OFF COAST OF SOUTHERN CHILE
06	19	06	27.3	37.943 N	19.857 E	12	4.4	1.1	34	IONIAN SEA. ML 4.0 (ATH), 3.5 (SKO).		
06	19	35	08.6	40.828 N	22.927 E	10 G		0.3	9	GREECE		
06	19	47	55.9	36.637 N	54.446 E	33 N	4.5	1.1	22	IRAN		
06	20	48	47.8*	28.297 N	140.693 E	33 N		1.4	25	BONIN ISLANDS REGION		
06	21	20	10.3*	5.491 N	124.883 E	33 N	5.3	1.1	13	MINDANAO, PHILIPPINE ISLANDS		
06	21	56	52.0&	61.593 N	147.699 W	33			35	SOUTHERN ALASKA. <AGS-P>.		
a	06	22	16	15.4	16.184 S	173.327 W	33 N	5.1	5.0	1.0	95	TONGA ISLANDS
07	00	31	41.2*	16.120 S	173.079 W	50 D	4.6	0.9	33	TONGA ISLANDS		
07	00	52	40.4*	26.418 S	27.641 E	5 G		1.0	6	REPUBLIC OF SOUTH AFRICA		
07	02	12	53.6?	15.101 N	61.291 W	10 G		0.7	7	LEEWARD ISLANDS. ML 2.8 (FDF).		
07	02	25	35.9?	27.77 N	140.98 E	33 N	4.7	1.4	10	BONIN ISLANDS REGION		
07	04	09	48.8	15.155 N	61.152 W	13		0.4	10	LEEWARD ISLANDS. ML 3.0 (FDF).		
07	04	31	11.4*	30.678 S	68.868 W	33 N		0.6	5	SAN JUAN PROVINCE, ARGENTINA		
07	05	25	15.0	24.742 N	122.009 E	90	4.8	1.2	56	TAIWAN REGION. Felt at Taipei and on eastern Taiwan.		
07	05	49	53.1*	40.203 N	73.351 E	33 N	4.2	1.2	13	KIRGHIZ SSR. Felt (V) at Osh. (IV) at Sufi-Kurgan, (III) at Fergano and (II) at Andizhan.		
07	05	51	40.9?	24.19 N	122.22 E	10 G		0.9	5	TAIWAN REGION		
07	06	36	34.2*	28.218 N	140.848 E	33 N		1.4	13	BONIN ISLANDS REGION		
07	08	24	21.3*	24.687 N	121.617 E	33 N		0.9	6	TAIWAN		
a	07	08	26	21.4	40.310 N	42.307 E	33 N	5.1	4.2	1.2	151	TURKEY. Fourteen people injured and at least 113 houses damaged in the Erzurum area.
07	08	35	33.3?	34.224 N	97.788 W	5 G		0.6	7	OKLAHOMA. mbLg 2.0 (TUL).		
07	09	45	11.2?	31.29 S	68.60 W	90 ?		0.2	6	SAN JUAN PROVINCE, ARGENTINA		
07	12	13	52.9	62.786 N	150.975 W	131 ?		0.4	10	CENTRAL ALASKA		
07	12	27	24.0?	33.497 S	71.738 W	10 G		0.4	10	NEAR COAST OF CENTRAL CHILE		
07	12	27	50.9*	6.554 S	154.486 E	33 N	3.8	1.5	8	SOLOMON ISLANDS		
07	13	32	47.5&	61.657 N	146.783 W	30			45	SOUTHERN ALASKA. <AGS-P>. ML 3.7 (PMR). Felt (II) at Kenny Lake and Chitino.		
07	14	44	31.8*	17.446 N	95.114 W	33 N	4.2	1.5	9	OAXACA, MEXICO		
07	15	07	22.8*	50.270 N	5.657 E	5 G		0.2	5	BELGIUM		
07	15	36	37.0*	37.456 N	71.295 E	33 N	4.4	1.0	6	AFGHANISTAN-USSR BORDER REGION		
07	16	15	44.1*	28.332 N	140.867 E	33 N	4.9	1.5	19	BONIN ISLANDS REGION		
07	19	06	11.6*	5.692 S	154.075 E	33 N	3.7	1.1	8	SOLOMON ISLANDS		
f	07	19	12	31.0	35.257 S	179.347 W	44 G	6.2	6.3	1.0	372	EAST OF NORTH ISLAND, N.Z. Ms 6.2 (PAS). Felt throughout North Island. Depth from broadband displacement seismograms.
07	19	30	46.2*	12.094 N	144.051 E	33 N	4.5	1.4	16	SOUTH OF MARIANA ISLANDS		
07	21	16	17.2	24.351 N	122.234 E	27	4.7	1.1	48	TAIWAN REGION		
07	21	38	34.4?	8.55 S	159.15 E	33 N	3.8	0.6	5	SOLOMON ISLANDS		
07	23	02	08.7?	15.119 N	61.214 W	14		0.4	10	LEEWARD ISLANDS. ML 3.2 (FDF).		
a	07	23	34	3.3	7.698 N	137.026 E	34	5.8	5.7	1.1	212	WEST CAROLINE ISLANDS. Felt on Yap.
08	00	08	00.4	51.681 N	16.199 E	10 G		0.8	24	POLAND. ML 3.9 (GRF), 3.8 (KBA), 3.7 (VKA).		
08	01	00	35.5	22.649 N	93.965 E	33 N	4.5	1.3	22	BURMA-INDIA BORDER REGION		
08	02	06	18.6*	18.897 N	99.227 W	10 G		1.2	5	GUERRERO, MEXICO		
08	04	07	37.9?	33.79 S	72.27 W	25		0.7	14	OFF COAST OF CENTRAL CHILE		
08	04	38	43.1*	28.326 N	140.651 E	33 N	4.9	1.4	15	BONIN ISLANDS REGION		
08	07	00	53.9*	6.776 N	124.240 E	33 N	5.0	1.2	18	MINDANAO, PHILIPPINE ISLANDS		
08	07	50	39.0*	31.022 S	68.811 W	29 *		0.6	8	SAN JUAN PROVINCE, ARGENTINA		
08	08	33	53.9*	34.453 S	179.490 W	82 ?	4.5	0.8	11	SOUTH OF KERMADEC ISLANDS		
08	08	38	04.6	6.630 N	124.160 E	46 *	5.1	1.1	46	MINDANAO, PHILIPPINE ISLANDS		
08	08	47	27.7?	47.166 N	0.203 E	10 G		1.3	15	FRANCE. ML 3.1 (LDG).		
08	09	14	32.9	28.070 N	140.850 E	40 *	5.0	0.9	48	BONIN ISLANDS REGION. Felt (II JMA) on Chichi-shima.		
08	09	37	55.0?	22.80 S	174.67 W	33 N	5.1	1.0	13	TONGA ISLANDS REGION		
08	09	57	13.9*	20.930 S	178.293 W	619 *	4.9	0.8	18	FIJI ISLANDS REGION		
08	09	59	12.4	17.845 S	178.730 W	576 *	4.7	0.8	43	FIJI ISLANDS REGION		
08	11	06	34.8&	59.493 N	152.638 W	77			31	SOUTHERN ALASKA. <AGS-P>.		
08	12	59	02.9	40.583 N	25.444 E	10 G		0.7	12	AEGEAN SEA		
08	13	02	44.4&	40.800 N	125.187 W	13			17	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). Felt (III) at Bayside and Haneydew.		
08	13	34	17.1*	36.418 N	3.904 W	10 G		1.2	5	STRAIT OF GIBRALTAR		

08	13 54 32.7	34.114 S	178.901 W	33 N	5.2	1.0	52	SOUTH OF KERMADEC ISLANDS
08	15 25 15.9*	21.062 S	179.371 W	687 *	4.3	0.6	12	FIJI ISLANDS REGION
08	15 48 11.1	44.540 N	9.701 E	12		1.1	18	NORTHERN ITALY. ML 3.0 (LDG), 2.6 (KBA).
08	16 48 21.0*	17.181 N	105.401 W	33 N	3.8	0.7	17	OFF COAST OF JALISCO, MEXICO
08	16 55 46.07	41.61 N	23.43 E	10 G		0.4	6	GREECE-BULGARIA BORDER REGION
08	17 40 47.2*	61.720 N	150.002 W	50			29	SOUTHERN ALASKA. <AGS-P>.
08	17 46 01.7?	24.34 N	121.98 E	10 G		0.7	6	TAIWAN
08	18 16 53.5*	9.805 S	151.085 E	33 N		1.2	7	DENTRECASTEUX ISLANDS REGION
a 08	18 40 24.8	27.957 N	140.607 E	42	5.8 6.1	1.1	339	BONIN ISLANDS REGION. Ms 6.1 (BRK), 5.8 (PAS). Felt (III JMA) on Chichi-shima.
08	19 08 36.1	28.060 N	140.821 E	33 N	5.0	0.9	29	BONIN ISLANDS REGION
08	19 56 47.0	35.205 N	92.206 W	5 G		0.8	14	ARKANSAS. mbLg 3.3 (TUL).
a 08	20 02 04.8	27.800 N	140.624 E	41 *	5.2	1.1	107	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
08	20 55 27.1	27.839 N	140.633 E	29 D	5.2	1.0	92	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
08	20 56 53.5*	44.360 N	7.473 E	10 G		0.2	6	NORTHERN ITALY. ML 2.8 (LDG).
08	21 40 13.9	27.847 N	140.721 E	36 *	5.0	0.9	30	BONIN ISLANDS REGION
08	22 16 51.3*	27.705 N	140.301 E	33 N	4.4	1.1	5	BONIN ISLANDS REGION
09	00 00 16.5?	9.61 S	159.99 E	33 N	3.6	0.9	5	SOLOMON ISLANDS. Felt on southern Guadalcanal.
09	04 46 44.3	62.360 N	124.223 W	10 G	4.8	1.1	47	NORTHWEST TERRITORIES, CANADA
09	06 12 52.5?	45.20 N	7.04 E	10 G		0.7	5	NORTHERN ITALY. ML 2.5 (LDG).
09	06 23 35.0*	6.170 S	132.501 E	33 N	4.3	1.3	6	TANIMBAR ISLANDS REGION
09	07 35 42.4*	16.657 N	97.855 W	10 G		0.5	5	OAXACA, MEXICO
09	08 27 58.8?	22.22 S	12.66 W	10 G	4.7	1.5	6	SOUTH ATLANTIC RIDGE
09	08 41 18.4	4.818 N	73.008 W	33 N		1.0	8	COLOMBIA
09	09 16 08.5	10.968 S	165.455 E	33 N	4.9	0.6	25	SANTA CRUZ ISLANDS
09	09 17 06.2	31.673 S	69.815 W	139 ?		0.6	15	SAN JUAN PROVINCE, ARGENTINA
09	10 11 40.1	31.017 S	68.088 W	5 G		1.4	15	SAN JUAN PROVINCE, ARGENTINA
09	10 45 17.0	28.272 N	140.769 E	33 N	4.6	1.5	13	BONIN ISLANDS REGION
09	11 38 18.5	44.714 N	111.077 W	5 G	4.8	0.9	37	HEBGEN LAKE REGION. Felt (V) at West Yellowstone, Montana. Felt (IV) at Norris, Pony and Twin Bridges, Montana. Felt (III) at Springdale, Montana and Alpine, Wyoming.
09	11 40 22.5?	44.77 N	111.14 W	5 G		2.2	6	HEBGEN LAKE REGION. ML 4.1 (NEIS). Many readings lost in code of main shock.
09	11 46 25.7	44.663 N	111.118 W	5 G		1.1	10	HEBGEN LAKE REGION. ML 3.2 (NEIS).
09	11 46 58.9?	37.54 N	6.67 E	10 G		0.8	11	WESTERN MEDITERRANEAN SEA. ML 3.9 (LDG).
09	11 48 46.1*	44.662 N	111.104 W	5 G		1.3	9	HEBGEN LAKE REGION. ML 3.1 (NEIS).
09	11 58 49.5	44.653 N	111.052 W	5 G		0.8	14	HEBGEN LAKE REGION. ML 4.0 (NEIS). Double event. Second event, ML 4.4 (NEIS), about 24 seconds after first event.
a 09	12 56 12.1	9.818 S	123.739 E	26 D	5.5 5.5	1.2	118	TIMOR
09	13 09 15.2	44.688 N	111.051 W	5 G		0.8	19	HEBGEN LAKE REGION. ML 4.2 (NEIS).
09	13 22 38.3?	16.33 N	85.30 W	10 G	4.2 4.1	1.1	12	CARIBBEAN SEA
09	15 03 51.9*	21.393 S	68.490 W	33 N		0.6	6	CHILE-BOLIVIA BORDER REGION
09	15 08 32.3*	39.464 N	20.426 E	13		1.2	12	GREECE-ALBANIA BORDER REGION
09	15 19 58.3	44.619 N	111.065 W	5 G		1.1	10	HEBGEN LAKE REGION. ML 3.3 (NEIS).
09	15 26 20.3*	59.973 N	151.652 W	53			44	KENAI PENINSULA, ALASKA. <AGS-P>. Felt (II) at Homer.
09	15 55 55.3	21.332 N	94.676 E	108 *	4.3	0.9	13	BURMA
09	16 25 46.2*	19.022 S	177.832 W	482 *	4.8	1.0	58	FIJI ISLANDS REGION
09	16 36 41.0*	44.646 N	111.142 W	1		0.8	7	HEBGEN LAKE REGION. ML 2.7 (NEIS).
09	17 16 16.7*	44.652 N	111.042 W	5 G		1.3	7	HEBGEN LAKE REGION. ML 3.3 (NEIS).
09	18 35 03.5	5.681 S	149.697 E	157 *	4.4	0.7	10	NEW BRITAIN REGION
09	18 45 20.8*	40.658 N	29.841 E	10 G		0.2	5	TURKEY
09	19 48 48.2*	28.253 N	140.572 E	33 N	5.0	1.5	28	BONIN ISLANDS REGION
09	19 49 54.2*	60.096 N	153.213 W	123			23	SOUTHERN ALASKA. <AGS-P>.
09	20 55 00.9*	9.147 S	159.091 E	85	4.7	0.7	12	SOLOMON ISLANDS. Felt at Honiara and on southern Guadalcanal.
09	21 42 55.5	44.612 N	111.090 W	5 G		0.7	7	HEBGEN LAKE REGION. ML 3.1 (NEIS).
09	21 59 25.8	47.157 N	0.251 E	10 G		0.8	9	FRANCE. ML 3.0 (LDG).
a 09	22 13 27.0	27.851 S	66.750 W	175 D	5.4	1.4	84	CATAMARCA PROVINCE, ARGENTINA
09	23 19 49.3	41.190 N	24.044 E	10 G		0.9	15	GREECE-BULGARIA BORDER REGION
09	23 25 57.3*	47.602 N	5.407 E	10 G		0.6	7	FRANCE. ML 2.2 (LDG).
a 09	23 30 42.9	41.262 N	23.988 E	22	5.4 5.3	1.2	241	GREECE-BULGARIA BORDER REGION. ML 5.4 (SKO), 5.0 (ATH). Slight damage at Drama, Greece. Felt strongly at Serrai, Kavalo and Thessaloniki, Greece. Felt (IV) in southeastern Yugoslavia. Felt at Dimitrovgrad, Yugoslavia. Felt in southern Bulgaria.
09	23 42 55.0*	41.722 N	24.480 E	10 G	3.9	1.4	5	GREECE-BULGARIA BORDER REGION
09	23 51 11.6*	41.148 N	23.926 E	10 G		0.4	7	GREECE-BULGARIA BORDER REGION
10	00 06 37.0	44.615 N	111.116 W	5 G		1.2	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
10	00 08 17.1?	41.20 N	23.95 E	10 G		0.4	6	GREECE-BULGARIA BORDER REGION
10	00 31 57.7*	41.219 N	23.967 E	10 G		0.4	6	GREECE-BULGARIA BORDER REGION
10	01 28 39.2	44.601 N	111.103 W	5 G		1.2	10	HEBGEN LAKE REGION. ML 2.9 (NEIS).
10	01 53 26.8	44.645 N	111.072 W	5 G		0.7	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
10	02 59 29.5	44.611 N	111.076 W	5 G		0.8	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
10	03 21 12.6*	28.039 N	140.618 E	33 N		1.2	7	BONIN ISLANDS REGION
10	03 25 17.3*	33.220 N	118.530 W	6 G			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).
10	04 20 54.2*	41.147 N	23.880 E	10 G		0.2	6	GREECE-BULGARIA BORDER REGION
10	05 52 16.4	44.614 N	111.071 W	5 G		1.3	9	HEBGEN LAKE REGION. ML 3.2 (NEIS).
10	07 35 41.9?	22.37 S	177.47 W	360 ?	4.6	1.1	15	SOUTH OF FIJI ISLANDS
10	08 26 22.8	37.111 N	71.945 E	160 *	4.6	0.9	21	AFGHANISTAN-USSR BORDER REGION
10	09 14 00.8*	58.541 N	156.229 W	178			20	ALASKA PENINSULA. <AGS-P>.
10	09 45 34.4*	6.486 N	124.205 E	33 N	4.6	1.1	13	MINDANAO, PHILIPPINE ISLANDS
10	09 55 41.6*	44.834 N	2.603 E	10 G		0.4	7	FRANCE. ML 2.7 (LDG).
10	10 27 30.8*	44.610 N	111.027 W	5 G		0.3	7	HEBGEN LAKE REGION. ML 2.8 (NEIS).
10	10 44 10.5	63.018 N	150.925 W	150 *		0.4	11	CENTRAL ALASKA
10	12 28 39.3	42.347 N	19.856 E	10 G		0.4	8	YUGOSLAVIA. DUR 2.6 (TTG).
10	12 37 31.3*	62.426 N	151.299 W	60			19	CENTRAL ALASKA. <AGS-P>.
10	12 38 45.7*	5.849 N	33.068 W	10 G	5.0 5.3	0.9	25	CENTRAL MID-ATLANTIC RIDGE
a 10	12 39 50.9	4.203 N	32.477 W	10 G	5.2 5.4	1.0	96	CENTRAL MID-ATLANTIC RIDGE
10	12 51 23.0?	15.03 N	60.54 W	33 N		0.2	5	LEEWARD ISLANDS. ML 2.3 (FDF).
10	12 58 42.4	44.624 N	111.098 W	5 G		0.9	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
10	15 46 22.9*	44.696 N	111.075 W	5 G		0.8	7	HEBGEN LAKE REGION. ML 3.1 (NEIS).

10	15	46	49.8*	0.858 N	28.913 W	10 G	4.7	0.4	7	CENTRAL MID-ATLANTIC RIDGE
10	16	15	08.6	5.041 S	142.754 E	119 *	4.2	0.8	10	PAPUA NEW GUINEA
10	16	21	33.6*	28.402 N	140.887 E	33 N	4.9	1.4	21	BONIN ISLANDS REGION
10	19	40	34.0	29.010 S	13.165 W	10 G	5.5 5.4	1.0	116	SOUTH ATLANTIC RIDGE
10	20	29	18.4?	20.96 N	121.43 E	33 N		0.5	5	PHILIPPINE ISLANDS REGION
10	20	46	02.9	6.966 S	129.189 E	160 *	5.2	1.1	57	BANDA SEA
10	21	12	40.0	44.622 N	111.083 W	5 G		1.0	10	HEBGEN LAKE REGION. ML 2.9 (NEIS).
10	21	36	34.8%	16.794 N	61.055 W	33 N		1.0	13	LEEWARD ISLANDS. ML 3.3 (FDF).
10	22	08	20.0*	32.740 S	138.174 E	33 N		0.9	9	NEAR SOUTH COAST OF AUSTRALIA
10	23	27	34.3*	3.427 S	130.811 E	33 N	4.4	1.5	13	CERAM
11	00	53	43.2	44.637 N	110.964 W	5 G		0.2	7	YELLOWSTONE NATIONAL PARK, WYO. ML 3.0 (NEIS).
11	00	54	24.4%	38.038 N	27.906 E	10 G		0.6	5	TURKEY
11	01	00	09.7*	6.903 S	149.962 E	29 *	4.3	0.4	6	NEW BRITAIN REGION
11	01	26	10.1	44.662 N	111.173 W	5 G		0.4	8	HEBGEN LAKE REGION. ML 3.4 (NEIS).
11	01	27	51.4	31.318 S	72.007 W	31 D	4.9	1.2	40	OFF COAST OF CENTRAL CHILE
11	02	52	21.3?	17.99 N	99.71 W	33 N		0.6	5	GUERRERO, MEXICO
11	03	07	23.5*	31.803 S	67.024 W	130 *		0.6	17	SAN JUAN PROVINCE, ARGENTINA
11	04	35	02.3*	24.399 N	121.862 E	10 G		0.6	5	TAIWAN
11	04	40	15.5	36.568 N	71.156 E	218 *	4.6	1.0	34	AFGHANISTAN-USSR BORDER REGION
11	04	57	34.4*	28.441 N	140.970 E	33 N	4.8	1.4	17	BONIN ISLANDS REGION
11	06	43	16.5%	31.003 S	68.690 W	33 N		1.5	5	SAN JUAN PROVINCE, ARGENTINA. DUR 2.2 (BER).
11	07	09	09.3%	41.090 N	23.337 E	10 G		0.6	5	GREECE-BULGARIA BORDER REGION
11	08	16	06.0%	27.323 S	66.321 W	10 G		0.6	5	CATAMARCA PROVINCE, ARGENTINA
11	09	25	40.4?	18.10 N	100.59 W	33 N		0.6	6	GUERRERO, MEXICO
11	09	43	13.8?	24.04 S	174.87 W	33 N	4.9	1.3	6	SOUTH OF TONGA ISLANDS
11	09	43	46.6	32.973 N	140.437 E	75	5.2	1.0	127	SOUTH OF HONSHU, JAPAN. Felt (II JMA) on Hachijo-jima; (I JMA) on Miyake-jima and at Tokyo, Yokohama, Chiba and Tateyama.
11	11	27	37.7	44.613 N	111.094 W	5 G		0.9	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
11	11	27	56.4*	17.764 S	72.990 W	33 N	4.4	1.3	11	NEAR COAST OF PERU
11	11	32	06.5?	16.60 S	175.15 W	229 ?	4.6	1.1	17	TONGA ISLANDS
11	12	02	23.9*	43.073 N	29.927 W	10 G	4.7	1.4	18	NORTH ATLANTIC RIDGE
11	12	16	50.5	3.045 S	129.746 E	73 *	5.4	1.1	67	CERAM
11	12	40	42.7%	45.411 N	26.424 E	10 G		1.7	5	ROMANIA
11	13	05	03.5*	17.778 S	72.939 W	33 N	4.9 4.6	1.3	21	NEAR COAST OF PERU
11	13	04	7*	6.631 S	149.730 E	33 N	4.4	1.5	6	NEW BRITAIN REGION
11	14	10	01.6	44.612 N	111.022 W	5 G		0.3	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
11	14	58	35.1%	45.436 N	25.059 E	10 G		1.2	8	ROMANIA
11	16	17	44.0%	33.420 N	116.370 W	16			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
11	16	18	22.3?	36.49 N	140.44 E	33 N		0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
11	17	46	58.7	44.612 N	111.118 W	5 G		1.0	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
11	19	01	12.2*	55.674 N	112.171 E	33 N	4.5	0.8	11	LAKE BAIKAL REGION. Felt (IV) at Uoyan and (III) at Severo-Muysk and Ozerney.
11	20	19	17.6?	2.22 S	128.20 E	33 N	3.8	1.0	7	CERAM SEA
11	20	29	13.2*	28.025 N	140.610 E	33 N	4.8	1.4	21	BONIN ISLANDS REGION
11	20	47	07.5*	43.050 N	145.792 E	61 *	4.6	1.1	11	HOKKAIDO, JAPAN REGION. Felt (II JMA) at Nemuro.
11	21	02	57.5?	17.39 S	73.89 W	33 N		0.4	6	OFF COAST OF PERU
11	22	10	27.2*	39.373 N	27.439 E	10 G		1.5	5	TURKEY
11	23	12	09.1*	32.393 S	71.447 W	33 N		0.6	14	NEAR COAST OF CENTRAL CHILE
11	23	13	51.6*	32.775 S	70.861 W	33 N		1.4	9	CHILE-ARGENTINA BORDER REGION
11	23	23	41.6	12.911 N	143.199 E	132	5.1	1.1	64	SOUTH OF MARIANA ISLANDS
12	00	16	08.8?	38.81 N	27.76 E	10 G		1.1	9	TURKEY
12	00	59	38.4%	61.168 N	151.231 W	69			33	SOUTHERN ALASKA. <AGS-P>.
12	01	14	19.2	35.876 N	90.733 E	33 N	4.4	1.0	12	QINGHAI PROVINCE, CHINA
12	03	34	11.5*	36.514 S	97.918 W	10 G	4.6	1.4	23	WEST CHILE RISE
12	03	34	18.3	36.499 S	98.158 W	10 G	5.6 5.7	1.0	98	SOUTHERN PACIFIC OCEAN. Ms 5.9 (BRK).
12	04	00	00.7%	38.781 N	27.764 E	10 G		1.7	6	TURKEY
12	06	50	35.0*	29.438 N	104.800 W	5 G		1.1	14	TEXAS-MEXICO BORDER REGION. mbLg 4.3 (TUL).
12	07	14	43.5?	1.01 S	26.75 E	10 G		0.7	5	ZAIRE REPUBLIC
12	07	22	35.2	44.607 N	111.094 W	5 G		0.5	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
12	08	50	40.4*	71.500 N	137.247 W	33 N		1.3	14	BEAUFORT SEA
12	09	34	01.3	41.216 N	24.025 E	10 G		0.8	14	GREECE-BULGARIA BORDER REGION
12	09	52	46.0?	17.94 S	167.23 E	33 N		0.1	4	VANUATU ISLANDS
12	10	24	10.0*	28.310 N	140.742 E	33 N	4.9	1.6	17	BONIN ISLANDS REGION
12	11	41	04.9?	18.70 N	103.73 W	33 N	4.1	0.6	7	NEAR COAST OF MICHOACAN, MEXICO
12	12	10	26.0?	45.89 N	85.70 E	33 N	4.0	1.2	8	NORTHERN XINJIANG, CHINA
12	12	29	22.7?	31.91 S	67.99 W	10 G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
12	12	45	51.4*	6.740 S	150.030 E	33 N	3.7	1.4	5	NEW BRITAIN REGION
12	13	01	57.6%	40.449 N	23.052 E	10 G		0.5	5	GREECE
12	13	49	58.3?	18.55 N	102.57 W	33 N		1.1	5	MICHOACAN, MEXICO
12	14	16	51.0%	26.386 S	28.327 E	5 G		1.3	6	REPUBLIC OF SOUTH AFRICA
12	14	49	59.7*	62.412 N	124.358 W	10 G		1.2	6	NORTHWEST TERRITORIES, CANADA
12	15	00	33.6%	40.184 N	111.240 W	4			6	UTAH. <SLC>. ML 2.6 (SLC).
12	15	12	11.3*	1.451 S	77.736 W	194 *	5.0	1.1	18	ECUADOR
12	15	29	21.4	36.203 N	120.174 W	10 G		0.7	9	CENTRAL CALIFORNIA. ML 2.9 (BRK). 3.2 (PAS).
12	15	43	55.4	1.900 N	127.199 E	114 *	5.3	1.0	50	HALMAHERA
12	16	41	30.9*	42.236 N	24.883 E	10 G		1.4	6	BULGARIA
12	16	42	33.7%	59.295 N	6.916 E	0 G		0.3	7	SOUTHERN NORWAY. DUR 2.2 (BER). Probable explosion.
12	17	11	40.0?	3.37 S	141.46 E	33 N	3.3	1.3	5	PAPUA NEW GUINEA
12	17	54	28.6	44.631 N	111.095 W	5 G		0.8	11	HEBGEN LAKE REGION. ML 3.1 (NEIS).
12	18	03	53.1?	42.25 S	83.14 W	33 N	4.2	1.4	8	WEST CHILE RISE
12	18	34	00.2	24.084 N	121.509 E	10 G		0.5	8	TAIWAN
12	18	47	13.6	28.034 N	140.522 E	33 N	4.9	0.6	13	BONIN ISLANDS REGION
12	19	50	56.4	13.706 N	120.865 E	191	4.6	0.8	28	MINDORO, PHILIPPINE ISLANDS
12	20	10	17.1*	34.573 S	70.715 W	139 ?		0.7	17	CHILE-ARGENTINA BORDER REGION
12	21	23	46.8	37.974 N	26.914 E	10 G		1.0	12	DODECANESE ISLANDS. ML 3.9 (ATH).
12	21	47	54.2*	15.834 N	92.588 W	185 *	4.2	1.4	16	MEXICO-GUATEMALA BORDER REGION
12	22	19	35.8?	17.97 S	179.85 E	577 *	4.4	1.4	11	FIJI ISLANDS
12	23	37	50.0*	52.673 N	170.558 W	33 N	4.7	1.2	13	FOX ISLANDS, ALEUTIAN ISLANDS
12	23	51	12.3	44.625 N	111.063 W	5 G		0.6	11	HEBGEN LAKE REGION. ML 3.4 (NEIS).
13	01	54	35.7	44.516 N	10.235 E	10 G		1.2	21	NORTHERN ITALY. ML 3.1 (KBA). 3.0 (LDG).
13	02	07	26.5	23.439 S	69.271 W	92 *	4.9	1.4	29	NORTHERN CHILE. Felt (III) at Antofagasto.
13	03	00	38.3	44.521 N	10.213 E	10 G		1.2	27	NORTHERN ITALY. ML 3.3 (LDG). 3.3 (KBA).

13	03	45	06.07	30.60	S	64.09	W	33	N	1.6	8	CORDOBA PROVINCE, ARGENTINA		
13	04	12	10.17	15.90	N	91.17	W	33	N	4.3	1.5	9	MEXICO-GUATEMALA BORDER REGION	
13	04	22	51.7*	61.752	N	124.541	W	10	G	1.2	5	NORTHWEST TERRITORIES, CANADA		
13	05	22	02.87	24.65	N	123.00	E	33	N	1.0	7	TAIWAN REGION		
13	05	38	32.9	42.325	N	19.965	E	10	G	0.6	9	YUGOSLAVIA. DUR 2.8 (TTG).		
13	05	54	35.7	19.013	N	145.599	E	202	*	5.0	1.0	52	MARIANA ISLANDS	
13	07	15	51.6*	47.588	N	113.729	W	5	G	0.7	7	MONTANA. ML 2.5 (NEIS).		
13	07	34	30.0	5.599	S	131.116	E	53	?	4.9	1.2	25	BANDA SEA	
13	07	57	00.7	42.346	N	19.928	E	10	G	1.0	8	YUGOSLAVIA. DUR 2.6 (TTG).		
13	09	25	32.37	5.13	S	155.32	E	33	N	4.0	1.0	5	SOLOMON ISLANDS. Felt (II) at Arawa, Bougainville.	
13	09	26	50.87	60.813	N	5.027	E	10	G	0.2	5	SOUTHERN NORWAY. DUR 2.0 (BER).		
13	09	38	41.2	60.595	N	151.584	W	79		4.5	1.1	56	KENAI PENINSULA, ALASKA. Felt at Kenai and Homer.	
13	09	40	46.6	60.585	N	151.622	W	80		4.3	1.2	51	KENAI PENINSULA, ALASKA. Felt at Kenai and Homer.	
13	09	42	32.88	60.558	N	151.638	W	66				25	KENAI PENINSULA, ALASKA. <AGS-P>.	
13	09	57	21.47	40.725	N	23.235	E	10	G	0.2	8	GREECE. ML 2.6 (THE).		
13	10	23	13.77	46.143	N	8.155	E	10	G	0.1	5	SWITZERLAND		
13	10	29	30.9*	28.105	N	140.501	E	33	N	1.1	11	BONIN ISLANDS REGION		
13	10	49	39.6*	31.366	S	67.897	W	10	G	1.4	15	SAN JUAN PROVINCE, ARGENTINA		
13	11	03	33.37	35.40	N	81.79	E	33	N	0.7	6	SOUTHERN XINJIANG, CHINA		
13	11	39	10.7*	5.171	S	153.956	E	131		4.7	0.5	10	NEW IRELAND REGION	
13	11	47	55.9*	62.493	N	124.084	W	10	G	1.6	8	NORTHWEST TERRITORIES, CANADA		
13	12	21	21.77	39.028	N	28.678	E	10	G	1.2	10	TURKEY		
13	12	45	51.27	60.271	N	5.355	E	10	G	0.6	5	SOUTHERN NORWAY. DUR 1.6 (BER).		
13	12	59	38.7	52.013	N	178.160	E	137	D	4.9	0.8	76	RAT ISLANDS, ALEUTIAN ISLANDS	
13	13	24	17.97	19.05	S	169.25	E	149	?		0.0	5	VANUATU ISLANDS	
13	13	29	27.8*	7.106	N	76.494	W	33	N	1.2	7	NORTHERN COLOMBIA		
13	14	59	20.3*	17.472	S	177.965	W	452	*	4.4	1.3	14	FIJI ISLANDS REGION	
13	15	07	35.17	15.790	N	60.682	W	33	N	0.5	6	LEEWARD ISLANDS		
13	16	15	02.6*	22.032	N	102.786	E	33	N	1.3	7	YUNNAN PROVINCE, CHINA		
13	16	32	20.47	59.38	N	6.68	E	0	G	0.9	5	SOUTHERN NORWAY. DUR 1.8 (BER). Probable explosion.		
13	16	40	22.8*	28.548	N	140.855	E	33	N	4.5	1.3	15	BONIN ISLANDS REGION	
13	17	23	17.77	8.00	S	127.72	E	148	?	4.4	1.4	5	BANDA SEA	
13	17	36	06.07	41.100	N	23.878	E	10	G	0.6	7	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).		
13	17	48	21.47	16.50	S	120.47	E	33	N	1.0	8	NORTHWEST OF AUSTRALIA		
13	19	56	26.68	57.963	N	153.451	W	63				40	KODIAK ISLAND REGION. <AGS-P>.	
13	20	19	44.97	40.724	N	23.155	E	10	G	0.5	7	GREECE. ML 2.3 (THE).		
13	20	39	30.57	33.76	S	71.79	W	33	N	1.2	13	NEAR COAST OF CENTRAL CHILE		
13	20	49	40.9*	35.649	N	140.154	E	77	?		0.6	8	NEAR EAST COAST OF HONSHU, JAPAN	
13	22	07	33.2*	44.848	N	8.987	E	10	G	1.2	12	NORTHERN ITALY		
14	00	28	44.3*	28.633	N	140.937	E	33	N	4.8	1.2	13	BONIN ISLANDS REGION	
14	00	39	36.38	60.235	N	153.164	W	145				16	SOUTHERN ALASKA. <AGS-P>.	
a 14	02	11	45.6	28.912	S	13.109	W	10	G	5.3	4.9	1.2	90	SOUTH ATLANTIC RIDGE
14	02	43	31.1	10.652	S	151.592	E	34	*	5.0	0.4	12	DENTRECASTEAUX ISLANDS REGION	
14	05	38	41.07	34.30	S	71.16	W	33	N	0.3	9	NEAR COAST OF CENTRAL CHILE		
14	07	01	38.7	41.437	N	142.079	E	73		4.9	0.9	44	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Hakodate and Urakawa. Also felt (I JMA) at Aomori and Hachinohe, Honshu.	
14	09	00	28.9*	18.143	S	178.192	W	617	*	4.6	1.1	14	FIJI ISLANDS REGION	
14	09	02	36.9*	4.723	S	151.660	E	63	*	4.3	0.6	6	NEW BRITAIN REGION	
14	10	00	43.6	42.364	N	20.036	E	10	G	1.2	10	YUGOSLAVIA. DUR 2.8 (TTG).		
14	10	31	28.5*	38.485	N	22.122	E	10	G	4.0	0.8	14	GREECE. ML 3.2 (ATH).	
14	10	46	45.28	60.303	N	141.467	W	12				20	SOUTHEASTERN ALASKA. <AGS-P>.	
14	10	55	31.0	42.361	N	19.989	E	10	G	0.8	7	YUGOSLAVIA. ML 2.5 (TTG).		
14	13	02	18.5	44.315	N	6.766	E	10	G	0.4	6	FRANCE. ML 2.8 (LDG).		
14	13	24	50.1*	28.048	N	140.780	E	33	N	4.6	1.8	16	BONIN ISLANDS REGION	
14	15	29	23.58	60.188	N	153.356	W	139				17	SOUTHERN ALASKA. <AGS-P>.	
14	17	15	44.8	29.117	N	130.294	E	59	*	4.8	1.2	27	RYUKYU ISLANDS	
14	17	22	12.6*	13.188	N	124.461	E	33	N	1.3	5	LUZON, PHILIPPINE ISLANDS		
14	18	41	30.9	42.330	N	20.054	E	10	G	1.2	14	YUGOSLAVIA. DUR 3.0 (TTG).		
14	18	56	35.3	22.100	N	142.751	E	246	*	4.5	0.6	31	VOLCANO ISLANDS REGION	
14	19	47	21.9*	24.061	S	66.775	W	220			1.4	15	SALTA PROVINCE, ARGENTINA	
14	20	18	25.77	15.13	N	60.30	W	33	N	0.1	6	LEEWARD ISLANDS		
14	20	48	52.38	61.668	N	150.035	W	7				37	SOUTHERN ALASKA. <AGS-P>. ML 3.6 (PMR). Felt at Anchorage.	
14	20	59	09.8	41.870	N	23.221	E	10	G	0.7	13	GREECE-BULGARIA BORDER REGION		
a 14	22	17	44.5	54.756	N	159.787	W	33	N	5.5	5.7	0.8	223	SOUTH OF ALASKA. ML 5.7 (PMR), Ms 5.9 (BRK). Felt (V) at Cold Bay, (IV) at Sand Point, Chignik Lagoon, King Cove and False Pass.
14	22	32	53.1	32.377	S	69.570	W	120		5.2	1.0	64	MENDOZA PROVINCE, ARGENTINA. Felt (IV) in Mendoza Province.	
14	23	27	32.0*	42.565	N	0.644	E	10	G	1.1	9	PYRENEES. ML 3.1 (LDG).		
14	23	33	24.8	33.223	S	70.145	W	23		5.0	1.2	33	CHILE-ARGENTINA BORDER REGION	
14	23	39	26.9	54.793	N	159.717	W	33	N	4.6	1.1	32	SOUTH OF ALASKA. ML 4.5 (PMR).	
14	23	47	00.7*	28.157	N	140.634	E	33	N	4.9	1.2	14	BONIN ISLANDS REGION	
15	01	47	17.37	30.74	S	178.18	W	33	N	5.3	1.3	11	KERMADEC ISLANDS	
15	01	54	44.9	33.205	S	70.138	W	9			1.2	20	CHILE-ARGENTINA BORDER REGION	
15	02	10	41.5*	49.496	N	153.577	E	33	N	4.9	0.7	22	KURIL ISLANDS	
15	02	54	18.0*	50.486	N	14.102	E	10	G	0.7	5	CZECHOSLOVAKIA		
15	04	07	48.4*	32.075	S	68.390	W	119	?		0.9	7	MENDOZA PROVINCE, ARGENTINA	
15	05	00	15.37	8.74	S	127.82	E	33	N	4.6	1.4	6	TIMOR	
15	05	17	32.98	60.026	N	153.133	W	121				24	SOUTHERN ALASKA. <AGS-P>.	
15	05	39	12.5	13.088	N	88.690	W	89		5.0	1.3	87	EL SALVADOR. Felt (IV) at San Salvador. Also felt at Guatemala City, Guatemala.	
15	06	12	07.0	28.097	N	51.268	E	17		4.7	4.4	0.7	72	SOUTHERN IRAN. Felt in the Bandar-e Abbas area.
15	06	34	26.5	44.589	N	111.032	W	5	G	0.4	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).		
15	07	02	51.0*	17.327	N	74.192	E	33	N	1.5	7	INDIA		
15	07	19	13.0	19.363	N	121.015	E	31	*	4.3	1.4	33	PHILIPPINE ISLANDS REGION	
15	08	14	27.9	44.628	N	111.051	W	5	G	0.6	11	HEBGEN LAKE REGION. ML 3.2 (NEIS).		
15	08	35	06.0*	24.082	S	114.239	E	33	N	1.1	8	WESTERN AUSTRALIA		
15	09	54	16.6*	18.337	S	172.975	W	33	N	4.9	1.3	8	TONGA ISLANDS REGION	
15	10	20	54.4*	28.089	N	140.768	E	33	N	4.9	1.0	17	BONIN ISLANDS REGION	
15	10	26	41.17	36.19	S	72.33	W	33	N	1.0	11	NEAR COAST OF CENTRAL CHILE		
15	10	35	57.2*	47.232	S	13.389	W	10	G	5.2	1.5	18	SOUTH ATLANTIC RIDGE	

15	10 37 36.5	3.916 N	95.822 E	33 N	4.7	1.3	29	OFF W COAST OF NORTHERN SUMATERA
15	11 25 40.6	48.297 N	6.149 E	10 G		1.1	12	FRANCE. ML 3.1 (LDG).
15	11 30 28.7*	27.943 N	140.756 E	33 N	5.2	1.2	11	BONIN ISLANDS REGION
15	11 44 13.2?	28.01 N	141.67 E	33 N		1.3	14	BONIN ISLANDS REGION
15	11 56 18.0	44.151 N	148.294 E	33 N	5.2	0.8	86	KURIL ISLANDS. Felt (III) on Shikotan.
15	13 07 27.6?	9.77 S	108.53 W	10 G	4.3	1.4	10	NORTHERN EASTER I. CORDILLERA
15	14 38 48.6*	27.996 N	140.761 E	33 N	5.1	0.7	10	BONIN ISLANDS REGION
15	15 08 19.9%	60.723 N	5.572 E	10 G		0.5	5	SOUTHERN NORWAY. DUR 2.1 (BER).
15	15 16 06.2	44.631 N	111.054 W	5 G		0.5	10	HEBGEN LAKE REGION. ML 2.9 (NEIS).
15	15 33 37.3?	15.58 N	60.34 W	33 N		1.5	8	LEEWARD ISLANDS
15	15 40 29.5*	49.541 N	155.760 E	33 N	4.9	0.9	37	KURIL ISLANDS
15	15 58 23.3*	54.719 N	159.493 W	33 N	4.6	1.0	20	SOUTH OF ALASKA. ML 4.3 (PMR). Felt at Sand Point.
15	17 22 12.0	27.240 N	66.581 E	33 N	4.7	1.2	32	PAKISTAN
15	17 47 40.7%	38.778 N	27.620 E	10 G		1.1	5	TURKEY
15	17 51 35.1	44.652 N	111.040 W	5 G		0.8	11	HEBGEN LAKE REGION. ML 3.5 (NEIS). Felt (IV) at West Yellowstone, Montana.
15	18 42 46.8*	47.464 N	153.040 E	33 N	4.6	1.2	19	KURIL ISLANDS
15	18 43 14.5*	15.888 N	60.704 W	33 N		0.3	7	LEEWARD ISLANDS. ML 3.0 (FDF).
15	19 44 00.4?	31.32 S	72.67 W	33 N		1.1	7	OFF COAST OF CENTRAL CHILE
15	20 00 09.0*	51.024 N	15.925 E	10 G		1.1	5	POLAND
15	20 15 26.9	2.341 S	119.458 E	60 *	5.0	1.1	37	SULAWESI
15	20 51 09.8	44.605 N	111.020 W	5 G		0.5	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).
15	21 52 55.9?	19.57 S	34.02 E	10 G		0.7	5	MOZAMBIQUE
15	22 25 22.8	23.937 N	121.638 E	22	4.2	1.4	25	TAIWAN
15	22 39 53.7*	21.392 S	68.163 W	33 N		0.7	6	CHILE-BOLIVIA BORDER REGION
15	23 49 50.4*	39.791 N	24.355 E	10 G		1.1	10	AEGEAN SEA
o	16 00 23 50.9	51.582 N	177.262 E	33 N	5.4 4.9	1.1	194	RAT ISLANDS, ALEUTIAN ISLANDS. Ms 4.9 (BRK).
16	01 34 07.1*	28.105 N	140.696 E	33 N	5.2	0.9	9	BONIN ISLANDS REGION
16	01 50 10.0	44.644 N	111.079 W	5 G		0.6	11	HEBGEN LAKE REGION. ML 3.5 (NEIS).
16	01 56 26.4	27.744 N	56.363 E	47 *	4.4	1.1	31	SOUTHERN IRAN. Felt in the Bandar-e Abbas area.
16	01 56 43.1	47.143 S	13.397 W	10 G	5.2	1.2	39	SOUTH ATLANTIC RIDGE
16	02 02 27.6	10.224 S	75.506 W	33 N	4.7	0.9	32	PERU. Damage in the Oxopampa area.
16	02 46 24.4?	33.98 N	137.74 E	400 ?	4.0	0.3	7	NEAR S. COAST OF HONSHU, JAPAN
f	16 04 12 18.8	38.577 S	78.368 E	10 G	5.8 6.4	1.3	112	MID-INDIAN RISE. Ms 6.6 (PAS), 6.5 (BRK).
16	04 20 17.7	44.646 N	111.087 W	5 G		0.8	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
16	04 22 38.4	16.210 N	92.963 W	160	4.7	1.1	44	CHIAPAS, MEXICO
16	05 13 36.0*	40.425 N	25.890 E	28 *		0.5	6	AEGEAN SEA
16	05 34 12.8*	42.468 N	19.851 E	10 G		0.4	6	YUGOSLAVIA. ML 2.8 (TTG).
16	05 43 26.1*	31.212 S	68.227 W	33 N		1.4	5	SAN JUAN PROVINCE, ARGENTINA
16	06 19 06.8*	37.687 N	121.648 W	1 G		1.0	10	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
16	07 11 14.2	58.943 N	136.846 W	15 G	4.2	1.0	30	SOUTHEASTERN ALASKA. ML 4.2 (PMR).
16	10 00 53.8*	29.623 S	72.578 W	33 N		0.7	15	OFF COAST OF CENTRAL CHILE
16	11 13 00.7*	31.973 S	70.068 W	33 N		0.8	8	CHILE-ARGENTINA BORDER REGION
16	11 26 26.8*	35.061 N	33.475 E	63 *	4.1	1.2	17	CYPRUS. Felt in the Nicosia area.
16	11 30 45.0	36.979 N	136.413 E	313	4.9	1.0	99	NEAR WEST COAST OF HONSHU, JAPAN
16	11 33 48.7*	54.617 N	159.554 W	33 N	4.5	1.5	12	SOUTH OF ALASKA. ML 4.2 (PMR). Felt at Sand Point.
16	12 06 48.3*	36.088 N	114.653 W	5 G		1.3	12	SOUTHERN NEVADA. ML 3.1 (PAS).
16	13 00 25.2?	28.31 N	140.68 E	33 N		1.8	15	BONIN ISLANDS REGION
16	14 04 17.2?	33.35 S	72.42 W	33 N		1.0	13	OFF COAST OF CENTRAL CHILE
16	16 14 23.6?	20.15 S	66.30 E	10 G	4.8	0.7	6	MASCARENE ISLANDS REGION
16	16 30 23.7*	42.284 N	141.735 E	33 N	4.6	1.2	11	HOKKAIDO, JAPAN REGION
16	16 36 58.3%	61.367 N	5.779 E	10 G		0.4	5	SOUTHERN NORWAY
16	16 49 34.0	8.425 S	123.352 E	109 ?	4.7	0.6	16	FLORES ISLAND REGION
16	17 33 42.2?	37.62 S	73.11 W	33 N	4.7 3.8	1.3	11	NEAR COAST OF CENTRAL CHILE
16	17 57 34.4*	42.406 N	19.907 E	10 G		0.5	6	YUGOSLAVIA. ML 2.6 (TTG).
16	18 16 06.7*	13.281 N	89.914 W	33 N	4.2	1.2	15	EL SALVADOR
16	18 31 53.5*	41.443 N	125.337 W	5 G		1.5	15	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.7 (BRK).
16	18 51 40.7	40.292 N	27.315 E	10 G		0.7	13	TURKEY
16	18 58 08.6*	62.260 N	150.980 W	78		2.2	22	CENTRAL ALASKA. <AGS-P>.
16	19 05 58.6	36.202 N	120.228 W	10 G		0.5	8	CENTRAL CALIFORNIA. ML 2.7 (BRK).
16	20 05 00.9%	42.392 N	19.917 E	10 G		0.5	6	YUGOSLAVIA. ML 2.6 (TTG).
16	21 07 05.6*	11.083 S	165.669 E	33 N	4.2	1.3	8	SANTA CRUZ ISLANDS
16	21 21 29.3*	59.324 N	153.146 W	98		2.7	27	SOUTHERN ALASKA. <AGS-P>.
16	21 31 12.5*	38.948 N	26.061 E	10 G		0.6	7	AEGEAN SEA
16	21 51 26.4*	8.364 S	120.051 E	167 ?		1.3	9	FLORES ISLAND REGION
16	22 04 47.8	44.670 N	111.063 W	5 G		0.8	11	HEBGEN LAKE REGION. ML 3.0 (NEIS).
16	23 15 09.4	44.667 N	111.079 W	5 G		0.7	10	HEBGEN LAKE REGION. ML 3.7 (NEIS).
a	16 23 30 10.8	17.598 S	178.748 W	559	5.1	1.2	73	FIJI ISLANDS REGION
17	00 16 12.8?	37.66 N	33.21 E	10 G	4.2	1.3	10	TURKEY
17	00 47 10.1	24.988 N	126.955 E	27 D	4.8	1.2	51	RYUKYU ISLANDS
17	00 56 27.0	2.821 S	141.620 E	16 *	4.9 5.1	1.4	44	NEAR N COAST OF PAPUA NEW GUINEA
17	01 09 28.9*	61.636 N	146.499 W	40		3.8	38	SOUTHERN ALASKA. <AGS-P>.
17	03 28 26.4*	28.122 N	140.564 E	33 N		1.1	8	BONIN ISLANDS REGION
17	04 11 49.6*	58.977 N	152.769 W	38		2.0	20	KODIAK ISLAND REGION. <AGS-P>.
17	04 14 50.9*	42.394 N	19.910 E	10 G		0.5	7	YUGOSLAVIA. ML 2.8 (TTG).
17	04 38 18.1?	42.30 N	19.99 E	10 G		0.7	7	YUGOSLAVIA. ML 2.4 (TTG).
17	05 14 33.9*	9.261 S	151.996 E	33 N		1.2	10	DENTRECASTEAUX ISLANDS REGION
17	05 23 12.8*	34.420 S	179.642 E	118	5.0	1.2	24	SOUTH OF KERMADEC ISLANDS
a	17 05 50 19.8	4.063 S	136.202 E	10 G	5.4 5.2	1.2	82	WEST IRIAN REGION
17	06 46 05.4	44.624 N	111.075 W	5 G		0.9	11	HEBGEN LAKE REGION. ML 4.1 (NEIS).
17	06 50 20.9	44.609 N	111.143 W	5 G		0.9	10	HEBGEN LAKE REGION. ML 3.1 (NEIS).
17	07 30 28.0	53.774 N	160.494 E	33 N	5.1	0.8	100	NEAR EAST COAST OF KAMCHATKA
17	07 41 25.6	11.026 S	165.407 E	33 N	4.9	1.0	25	SANTA CRUZ ISLANDS
17	07 46 16.7*	42.405 N	19.909 E	10 G		0.4	7	YUGOSLAVIA. DUR 2.9 (TTG).
17	07 56 15.7	41.933 N	142.186 E	72	4.7	1.1	32	HOKKAIDO, JAPAN REGION. Felt (II JMA) at Urakawa.
17	07 58 24.3*	36.278 N	70.066 E	33 N	4.2	0.6	7	HINDU KUSH REGION
17	08 40 26.1*	62.428 N	149.262 W	64		2.6	26	CENTRAL ALASKA. <AGS-P>.
f	17 09 40 21.2	1.639 S	134.911 E	10 G	6.0 7.1	1.4	179	WEST IRIAN REGION. Ms 6.9 (PAS), 6.8 (BRK). Damage at Manokwari. Felt strongly in many parts of West Irian.
17	10 13 51.3	35.967 N	5.016 W	88 *		0.8	26	STRAIT OF GIBRALTAR
17	10 25 38.6	1.703 S	134.734 E	10 G	4.9	1.3	32	WEST IRIAN REGION
17	10 32 22.7?	24.18 N	123.02 E	10 G		0.3	6	SOUTHWESTERN RYUKYU ISLANDS
17	11 51 03.0*	1.654 S	135.088 E	10 G	4.1	0.9	9	WEST IRIAN REGION

17	12 21 12.5	39.498 N	22.932 E	8	0.4	9	GREECE. ML 3.2 (ATH).
17	13 02 52.97	2.14 S	134.40 E	10 G	0.7	6	WEST IRIAN REGION
17	13 33 36.6	45.059 N	5.715 E	24	1.0	11	FRANCE. ML 2.7 (LDG).
17	13 35 08.5	1.735 S	134.324 E	10 G	5.3	1.2	75 WEST IRIAN REGION
a 17	14 20 53.5	1.668 S	134.424 E	10 G	5.6 5.6	1.2	121 WEST IRIAN REGION
17	14 43 57.47	21.32 N	97.50 E	33 N	0.1	5	BURMA
17	14 55 39.8*	38.026 N	72.248 E	33 N	4.1	0.9	9 TAJIK SSR
17	15 25 24.2	1.651 S	134.442 E	10 G	4.4	1.1	18 WEST IRIAN REGION
17	16 02 29.4	1.697 S	134.325 E	10 G	4.4	1.2	16 WEST IRIAN REGION
17	16 26 52.9*	1.995 S	134.163 E	10 G	4.6	1.3	15 WEST IRIAN REGION
17	16 34 17.9	44.622 N	111.056 W	5 G		1.1	10 HEBGEN LAKE REGION. ML 2.8 (NEIS).
17	16 43 45.87	1.88 S	134.60 E	10 G	4.2	0.7	6 WEST IRIAN REGION
17	16 55 06.1*	1.686 S	134.760 E	10 G	4.4	1.3	13 WEST IRIAN REGION
17	17 30 46.7*	42.421 N	142.921 E	62 *	4.5	1.1	24 HOKKAIDO, JAPAN REGION. Felt (II JMA) at Hiroo and (I JMA) at Urakawa.
17	18 47 54.2%	42.350 N	19.902 E	10 G	0.4	5	YUGOSLAVIA. ML 2.7 (TTG).
17	19 09 32.7%	39.504 N	22.916 E	10 G	0.4	7	GREECE
17	19 25 41.9*	31.839 S	68.329 W	33 N	1.5	5	SAN JUAN PROVINCE, ARGENTINA
17	19 40 14.77	2.31 S	133.64 E	10 G	1.0	7	WEST IRIAN REGION
17	20 04 29.9*	22.528 S	66.227 W	284 *	4.5	1.2	10 JUJUY PROVINCE, ARGENTINA
a 17	20 50 51.8*	25.065 S	112.171 W	10 G	5.1 5.3	1.3	40 EASTER ISLAND REGION
17	21 33 40.8*	1.898 S	134.363 E	10 G		1.1	9 WEST IRIAN REGION
17	22 12 22.47	2.12 S	134.29 E	10 G	0.8	5	WEST IRIAN REGION
17	22 40 55.0%	62.770 N	150.418 W	85		38	CENTRAL ALASKA. <AGS-P>.
18	02 03 11.7*	28.238 N	140.712 E	33 N	1.0	12	BONIN ISLANDS REGION
18	02 46 16.3*	1.732 S	134.690 E	10 G	5.0	1.3	18 WEST IRIAN REGION
18	03 29 09.7	30.782 S	70.676 W	33 N	0.8	15	CHILE-ARGENTINA BORDER REGION
18	06 00 49.2%	57.912 N	153.598 W	70		31	KODIAK ISLAND REGION. <AGS-P>.
18	06 12 09.97	18.75 S	169.65 E	255 *	0.9	6	VANUATU ISLANDS
18	06 17 41.7	1.773 S	134.399 E	10 G	5.0 4.9	1.1	55 WEST IRIAN REGION
18	06 31 44.3%	33.470 N	116.390 W	5		7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
18	07 38 54.07	2.55 S	134.06 E	10 G	1.1	7	WEST IRIAN REGION
18	07 41 08.2*	5.214 N	82.563 W	10 G	4.3 4.3	1.5	19 SOUTH OF PANAMA
18	08 44 51.2*	36.001 N	27.380 E	13	1.3	12	DODECANESE ISLANDS
18	08 49 00.2*	2.447 N	72.685 W	33 N	0.9	6	COLOMBIA
18	08 55 21.1*	21.444 S	69.383 W	33 N	5.0	0.6	8 NORTHERN CHILE
18	09 49 48.47	33.16 N	72.97 E	33 N	4.2	0.7	5 PAKISTAN
18	11 00 25.3*	27.902 N	140.530 E	33 N	0.9	9	BONIN ISLANDS REGION
18	11 09 50.3*	37.985 N	21.567 E	10 G	0.9	7	SOUTHERN GREECE. ML 3.5 (ATH).
18	12 29 36.0	42.301 N	19.996 E	10 G	0.8	10	YUGOSLAVIA. ML 3.1 (TTG).
18	12 44 17.4	42.278 N	19.969 E	10 G	0.7	11	YUGOSLAVIA. ML 3.2 (TTG).
18	13 46 18.7	42.328 N	19.989 E	13	0.9	12	YUGOSLAVIA. ML 3.1 (TTG).
18	13 51 09.3	42.325 N	19.985 E	10 G	0.7	8	YUGOSLAVIA. ML 2.6 (TTG).
18	14 01 26.0*	42.110 N	21.804 E	10 G	1.4	7	YUGOSLAVIA. ML 3.1 (TTG).
18	14 17 26.9	36.554 N	71.457 E	33 N	4.7	1.0	21 AFGHANISTAN-USSR BORDER REGION. Felt (III) at Pyandzh and Dushanbe, USSR.
18	16 08 56.6*	36.676 N	140.929 E	64	4.3	1.2	15 NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Mito and (I JMA) at Onahomo.
18	16 28 11.97	5.33 S	154.50 E	407 *	4.7	1.3	12 SOLOMON ISLANDS
18	17 01 49.5	23.991 N	122.388 E	18 *	4.8	1.4	38 TAIWAN REGION
18	18 16 02.0	7.742 S	127.616 E	119 *	4.4	1.2	21 BANDA SEA
a 18	18 18 34.7	32.298 S	13.364 W	10 G	5.4 5.5	1.2	85 SOUTH ATLANTIC RIDGE
18	19 44 03.0%	59.916 N	153.146 W	117		27	SOUTHERN ALASKA. <AGS-P>.
18	20 11 21.0	42.282 N	19.922 E	10 G	0.8	9	YUGOSLAVIA. ML 3.0 (TTG).
18	20 15 00.1	42.303 N	19.982 E	10 G	0.4	6	YUGOSLAVIA. ML 2.9 (TTG).
18	20 37 58.5*	42.313 N	19.918 E	10 *	1.6	6	YUGOSLAVIA. ML 2.5 (TTG).
18	20 59 22.07	25.94 S	179.89 W	326 ?	5.2	0.9	15 SOUTH OF FIJI ISLANDS
18	21 00 57.67	37.76 N	19.88 E	10 G	3.8	1.2	7 IONIAN SEA. ML 3.9 (ATH).
18	22 14 11.9*	28.103 N	140.613 E	33 N	4.0	0.6	8 BONIN ISLANDS REGION
18	22 48 39.0	42.281 N	19.979 E	10 G	1.1	20	YUGOSLAVIA. DUR 3.3 (TTG).
18	23 10 18.2	42.346 N	19.969 E	10 G	0.6	8	YUGOSLAVIA. DUR 3.0 (TTG).
19	00 57 32.1	42.315 N	19.967 E	11	3.4	1.0	37 YUGOSLAVIA. DUR 3.5 (TTG).
19	01 00 14.1	8.411 S	119.664 E	192 *	4.7	1.3	18 FLORES ISLAND REGION
19	04 52 00.9	42.274 N	19.907 E	18	3.9	1.4	51 YUGOSLAVIA. ML 4.6 (ATH), DUR 4.0 (TTG). Felt in southwestern Yugoslavia.
19	05 29 19.3	42.248 N	19.942 E	10 G	1.4	26	YUGOSLAVIA. DUR 3.6 (TTG).
19	05 30 54.2	37.502 N	118.782 W	5 G	0.8	9	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (PAS).
19	06 34 33.6	42.294 N	19.970 E	10 G	0.5	7	YUGOSLAVIA. ML 2.9 (TTG).
19	07 10 32.6	42.332 N	19.961 E	10 G	0.8	8	YUGOSLAVIA. ML 2.9 (TTG).
19	07 24 48.2*	24.089 N	121.501 E	10 G	1.0	6	TAIWAN
a 19	08 20 15.3	9.007 S	157.913 E	10	5.2 5.0	1.4	83 SOLOMON ISLANDS
19	09 06 11.3	42.280 N	19.960 E	6	1.0	26	YUGOSLAVIA. ML 3.5 (TTG).
19	09 38 44.6	42.195 N	19.922 E	10 G	1.6	17	YUGOSLAVIA
19	10 20 03.6	42.305 N	19.924 E	10 G	1.4	14	YUGOSLAVIA. DUR 3.2 (TTG).
19	10 33 11.3	42.398 N	19.909 E	17 G	1.1	6	YUGOSLAVIA. ML 2.6 (TTG).
19	12 22 04.6	44.633 N	110.991 W	5 G	0.5	9	YELLOWSTONE NATIONAL PARK, WYO. ML 3.0 (NEIS).
19	12 44 56.7%	32.230 N	115.530 W	6 G		6	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.6 (PAS).
19	13 03 21.3*	9.405 S	158.026 E	33 N	4.2	1.4	12 SOLOMON ISLANDS
19	13 48 48.2*	6.242 S	151.793 E	25 *	4.4	1.1	12 NEW BRITAIN REGION
a 19	14 03 34.6	28.666 N	128.875 E	135 D	5.5	1.0	231 RYUKYU ISLANDS. Felt (III JMA) at Naze. Also felt at Nago and Naha.
19	14 32 34.7	42.320 N	19.970 E	10 G	1.0	10	YUGOSLAVIA. DUR 2.9 (TTG).
19	15 43 19.1	31.244 N	138.093 E	397	4.7	0.7	101 SOUTH OF HONSHU, JAPAN
19	15 53 09.0	42.322 N	19.942 E	10 G	0.4	8	YUGOSLAVIA. DUR 2.8 (TTG).
19	16 46 41.7	37.282 N	118.510 W	5 G	0.3	7	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (PAS).
19	16 52 38.5*	32.807 S	71.697 W	33 N	1.0	13	NEAR COAST OF CENTRAL CHILE
19	16 53 51.0	37.840 N	71.030 E	33 N	5.0	0.9	59 AFGHANISTAN-USSR BORDER REGION. Felt (III) at Khorog, USSR.
19	17 30 26.4	42.247 N	19.939 E	8	3.5	1.3	44 YUGOSLAVIA. DUR 3.8 (TTG).
19	17 42 12.2*	22.343 S	173.633 W	33 N	4.6	0.5	7 TONGA ISLANDS REGION
19	19 58 54.9%	62.218 N	150.208 W	11		23	CENTRAL ALASKA. <AGS-P>. ML 3.4 (PMR).
19	20 36 04.5*	11.721 S	165.835 E	33 N	5.1	1.0	9 SANTA CRUZ ISLANDS
19	21 12 42.47	28.19 N	140.84 E	33 N	4.8	0.6	6 BONIN ISLANDS REGION

19	22 32 03.8*	42.274 N	19.971 E	10 G	0.1	5	YUGOSLAVIA. ML 2.5 (TTG).
19	22 50 42.1*	33.33 S	72.26 W	33 N	1.0	8	OFF COAST OF CENTRAL CHILE
19	23 09 57.4*	35.264 S	72.161 W	33 N	1.1	20	NEAR COAST OF CENTRAL CHILE
19	23 15 45.3	42.320 N	19.961 E	10 G	1.3	9	YUGOSLAVIA. DUR 3.2 (TTG).
19	23 16 54.1	33.260 S	72.351 W	33 N	1.0	30	OFF COAST OF CENTRAL CHILE. Felt (III) at Valparaiso.
19	23 47 45.2*	42.568 N	142.183 E	33 N	1.6	12	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Urakawa and (I JMA) at Kushiro.
20	00 09 16.6%	40.764 N	23.319 E	33 N	1.0	6	GREECE
20	01 19 28.6	42.273 N	19.980 E	10 G	1.4	10	YUGOSLAVIA. DUR 2.9 (TTG).
20	02 49 44.8	10.449 S	111.817 E	33 N	1.2	64	SOUTH OF JAVA
20	04 45 40.7*	14.81 N	93.55 W	97 *	1.3	15	NEAR COAST OF CHIAPAS, MEXICO
20	05 14 26.8	43.744 N	148.569 E	35 D	1.3	104	KURIL ISLANDS REGION
20	06 03 06.4*	31.66 N	114.09 W	5 G	1.6	6	GULF OF CALIFORNIA
20	07 00 32.7*	24.091 N	121.520 E	10 G	1.1	5	TAIWAN
20	07 06 42.4	42.341 N	19.969 E	10 G	0.7	6	YUGOSLAVIA. DUR 2.7 (TTG).
20	07 11 57.0*	3.65 N	74.93 W	33 N	1.8	9	COLOMBIA. Felt at Ibague and Girardot.
20	08 20 01.6%	40.703 N	23.382 E	12	0.5	8	GREECE
20	08 36 48.4*	4.99 S	156.87 E	33 N	0.8	8	SOLOMON ISLANDS. Felt (II) at Arawa, Bougainville.
20	08 58 13.3	42.313 N	19.960 E	10 G	0.6	9	YUGOSLAVIA. DUR 2.6 (TTG).
20	10 09 30.7*	23.595 N	122.899 E	10 G	1.3	14	TAIWAN REGION
20	10 39 52.1*	42.380 N	19.950 E	10 G	0.3	5	YUGOSLAVIA. DUR 2.9 (TTG).
20	10 58 47.0	42.391 N	19.919 E	10 G	0.3	6	YUGOSLAVIA. DUR 2.5 (TTG).
20	11 06 23.6	2.081 N	72.787 W	33 N	1.4	14	COLOMBIA
20	11 38 14.2%	61.472 N	149.734 W	40	31	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR). Felt at Anchorage, Big Lake and Eagle River.	
20	12 51 10.2*	11.696 S	166.056 E	33 N	1.1	9	SANTA CRUZ ISLANDS
20	14 18 05.1	11.609 S	166.071 E	33 N	1.0	28	SANTA CRUZ ISLANDS
20	14 55 09.5	42.332 N	19.953 E	10 G	0.3	9	YUGOSLAVIA. DUR 2.6 (TTG).
20	14 55 56.1	44.631 N	110.980 W	5 G	0.4	11	YELLOWSTONE NATIONAL PARK, WYO. ML 3.5 (NEIS).
20	15 23 55.2	42.368 N	19.968 E	12	0.5	10	YUGOSLAVIA. DUR 2.8 (TTG).
20	16 03 40.0*	28.059 N	140.651 E	33 N	1.5	23	BONIN ISLANDS REGION
20	18 25 34.7	42.367 N	19.933 E	12	0.6	9	YUGOSLAVIA. DUR 2.8 (TTG).
20	19 16 04.4*	40.35 N	127.49 W	10 G	0.5	15	OFF COAST OF NORTHERN CALIFORNIA. ML 3.9 (BRK).
20	22 03 11.8	51.433 N	174.560 W	53 D	1.0	108	ANDREANOF ISLANDS, ALEUTIAN IS.
20	22 11 05.8%	59.366 N	5.570 E	10 G	0.7	5	SOUTHERN NORWAY. DUR 2.3 (BER).
20	22 24 59.1%	59.364 N	5.616 E	10 G	0.6	5	SOUTHERN NORWAY. DUR 2.2 (BER).
20	22 57 32.4*	59.369 N	5.647 E	10 G	0.7	5	SOUTHERN NORWAY. DUR 2.2 (BER).
20	23 11 08.5%	59.353 N	5.547 E	10 G	0.5	5	SOUTHERN NORWAY. DUR 2.3 (BER).
20	23 17 40.3	42.307 N	19.992 E	11	1.0	13	YUGOSLAVIA. DUR 2.8 (TTG).
20	23 23 31.1%	59.351 N	5.587 E	10 G	0.4	5	SOUTHERN NORWAY. DUR 2.2 (BER).
20	23 28 45.3%	59.391 N	5.482 E	10 G	0.9	5	SOUTHERN NORWAY. DUR 2.2 (BER).
21	00 01 29.3*	42.352 N	19.883 E	10 G	0.6	7	YUGOSLAVIA. DUR 2.5 (TTG).
21	00 17 55.6	1.694 S	135.018 E	33 N	1.1	51	WEST IRIAN REGION
21	00 55 18.7*	13.336 N	89.291 W	74 *	1.3	18	EL SALVADOR. Felt (IV) at San Salvador.
21	00 56 05.6*	28.00 N	142.93 E	33 N	1.3	14	BONIN ISLANDS REGION
21	01 58 59.8	30.485 S	69.207 W	33 N	1.0	15	CHILE-ARGENTINA BORDER REGION
21	02 00 34.1%	38.769 N	27.704 E	10 G	0.4	6	TURKEY
21	02 27 18.7	2.374 N	126.729 E	68 D	1.2	129	MOLUCCA PASSAGE
21	03 49 08.2	34.259 N	26.109 E	33 N	1.1	83	CRETE. ML 4.4 (ATH).
21	04 25 52.5%	40.836 N	27.724 E	10 G	0.7	7	TURKEY
21	04 30 33.7	32.852 S	70.024 W	117	0.4	16	CHILE-ARGENTINA BORDER REGION
21	04 35 48.3%	59.947 N	152.870 W	94	26	SOUTHERN ALASKA. <AGS-P>.	
21	04 46 51.4%	61.280 N	151.711 W	100	27	SOUTHERN ALASKA. <AGS-P>.	
21	04 54 21.4*	51.365 N	15.530 E	10 G	0.2	7	POLAND
21	04 55 39.6*	42.62 N	1.81 W	10 G	0.1	7	PYRENEES
21	05 12 23.4*	59.47 S	151.05 W	10 G	1.5	8	SOUTH PACIFIC CORDILLERA
21	07 27 52.7	42.301 N	19.900 E	11	1.2	52	YUGOSLAVIA. DUR 3.8 (TTG).
21	08 23 01.7	42.317 N	19.865 E	10 G	1.1	28	YUGOSLAVIA. ML 3.6 (TTG).
21	08 47 21.9*	16.439 S	178.773 E	31 *	1.3	13	FIJI ISLANDS
21	09 06 03.4*	35.645 N	140.959 E	58	1.0	27	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Choshi and Yokohama.
21	09 28 58.6	42.282 N	19.905 E	10 G	1.3	26	YUGOSLAVIA. DUR 3.7 (TTG).
21	09 44 48.1	42.332 N	19.892 E	9	1.1	27	YUGOSLAVIA. DUR 3.7 (TTG).
21	09 52 10.9	42.389 N	19.904 E	10 G	0.6	9	YUGOSLAVIA. ML 3.5 (TTG).
21	09 59 18.4	14.487 S	75.867 W	33 N	1.1	18	NEAR COAST OF PERU
21	10 29 13.7*	42.402 N	19.694 E	10 G	1.0	9	YUGOSLAVIA
21	10 36 27.1	42.362 N	19.828 E	23	1.3	29	YUGOSLAVIA. DUR 3.4 (TTG).
21	12 33 47.9*	52.97 N	162.60 E	33 N	1.1	10	OFF EAST COAST OF KAMCHATKA
21	12 38 54.0	18.490 S	168.583 E	111	1.2	37	VANUATU ISLANDS
21	12 42 02.0	42.345 N	19.890 E	20	1.2	34	YUGOSLAVIA. ML 3.4 (TTG).
21	12 55 18.7	42.311 N	19.984 E	24	1.0	16	YUGOSLAVIA. ML 3.2 (TTG).
21	13 14 31.8*	28.010 N	140.869 E	33 N	1.2	15	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shimo.
21	13 16 35.2*	59.38 N	6.69 E	10 G	1.0	5	SOUTHERN NORWAY. DUR 1.9 (BER).
21	13 18 13.8	42.298 N	19.962 E	10 G	0.5	11	YUGOSLAVIA. DUR 2.6 (TTG).
21	13 26 07.9	28.006 N	140.849 E	33 N	0.7	19	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shimo.
21	13 45 57.2*	43.47 N	7.86 E	10 G	0.9	5	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
21	15 21 06.5*	1.984 S	134.399 E	10 G	0.7	8	WEST IRIAN REGION
21	15 34 04.2	44.687 N	111.979 W	5 G	0.9	11	HEBGEN LAKE REGION. ML 3.8 (NEIS).
21	15 42 30.3*	41.715 N	19.373 E	10 G	1.0	5	ALBANIA
21	15 44 58.6	42.295 N	19.897 E	10 G	1.3	64	YUGOSLAVIA. DUR 3.6 (TTG).
21	15 53 20.4*	61.39 N	5.72 E	10 G	0.5	5	SOUTHERN NORWAY. DUR 1.8 (BER).
21	16 10 46.7	42.307 N	19.900 E	10	1.2	59	YUGOSLAVIA. DUR 3.8 (TTG).
21	16 46 11.7	42.201 N	19.939 E	10 G	1.2	11	YUGOSLAVIA. ML 3.1 (TTG).
21	17 28 40.8%	61.508 N	146.506 W	31	37	SOUTHERN ALASKA. <AGS-P>.	
21	17 38 13.4*	28.210 N	140.787 E	33 N	1.4	10	BONIN ISLANDS REGION
21	18 00 54.0	42.326 N	19.909 E	10 G	0.9	31	YUGOSLAVIA. DUR 3.3 (TTG).
21	18 12 55.8*	47.19 N	3.29 W	10 G	1.1	8	FRANCE. ML 2.9 (LDG).
21	18 35 51.6	44.394 N	142.331 E	231	1.0	109	HOKKAIDO, JAPAN REGION
21	18 39 36.1%	60.026 N	153.196 W	126	27	SOUTHERN ALASKA. <AGS-P>.	
21	18 44 25.0	20.803 S	178.018 W	526 D	1.0	116	FIJI ISLANDS REGION
21	18 55 08.1%	38.777 N	27.731 E	10 G	0.9	8	TURKEY
21	19 03 26.7%	61.412 N	146.652 W	20	43	SOUTHERN ALASKA. <AGS-P>. ML 3.6 (PMR). Felt at Valdez.	
21	19 23 07.4	42.317 N	19.860 E	15	1.1	51	YUGOSLAVIA. DUR 3.8 (TTG).

21	20 08 14.0	46.143 N	7.108 E	10 G	0.6	14	SWITZERLAND. ML 2.7 (LDG).
21	20 19 42.8*	12.077 N	88.768 W	33 N	1.0	11	OFF COAST OF CENTRAL AMERICA
21	21 15 32.1	32.129 S	68.988 W	12	1.3	13	MENDOZA PROVINCE, ARGENTINA
21	21 32 49.3*	40.851 N	22.925 E	10 G	0.3	7	GREECE
a 21	21 57 14.9	41.703 N	19.388 E	25	5.5 5.3	1.3	282 ALBANIA. DUR 5.2 (TTG). Slight damage (VI) in northern Albania. Felt in Macedonia, Montenegro and southern Serbia, Yugoslavia.
21	22 38 02.7	4.375 S	152.821 E	49	5.2	1.1	42 NEW BRITAIN REGION
21	23 16 23.3	41.646 N	19.279 E	10 G	4.5	1.4	120 ALBANIA. DUR 4.4 (TTG).
21	23 27 31.5*	41.47 N	19.02 E	10 G	3.5	0.9	5 ALBANIA
21	23 35 05.9	43.197 N	0.316 W	10 G		1.0	22 PYRENEES. ML 3.4 (LDG).
21	23 45 00.6	41.696 N	19.468 E	10 G		0.8	9 ALBANIA. DUR 3.0 (TTG).
22	00 10 34.0*	36.651 N	13.857 W	10 G		0.5	21 NORTH ATLANTIC OCEAN
22	00 48 00.6	42.314 N	19.923 E	10 G	3.3	0.9	22 YUGOSLAVIA. DUR 3.4 (TTG).
22	02 26 47.1*	31.233 S	69.908 W	33 N		0.9	5 SAN JUAN PROVINCE, ARGENTINA
22	02 31 00.0*	42.200 N	20.021 E	10 G		0.4	6 YUGOSLAVIA
22	03 25 05.2	32.821 S	70.756 W	98	4.6	0.8	20 CHILE-ARGENTINA BORDER REGION
22	03 41 50.8	4.359 S	136.308 E	33 N	4.9	1.1	15 WEST IRIAN REGION
22	04 01 41.6*	17.399 N	101.205 W	33 N		0.8	6 NEAR COAST OF GUERRERO, MEXICO
22	04 09 55.7	27.165 N	66.302 E	19 *	4.9	1.0	58 PAKISTAN
22	04 17 00.4	36.045 N	139.806 E	61	4.8	1.1	64 HONSHU, JAPAN. Felt (III JMA) at Tokyo, Yokohama and Utsunomia; (II JMA) at Kumagaya, Mito and Nikko; (I JMA) at Choshi, Kofu, Tateyama and on Oshima.
22	04 59 48.8	42.295 N	19.964 E	10 G		0.9	13 YUGOSLAVIA. DUR 3.2 (TTG).
22	05 04 02.6	42.320 N	19.855 E	10	3.6	0.9	34 YUGOSLAVIA. DUR 3.7 (TTG). ML 4.1 (ATH).
22	05 06 55.8	41.846 N	19.553 E	10 G		0.5	8 ALBANIA. DUR 3.1 (TTG).
22	05 30 39.1*	28.350 N	140.708 E	33 N	4.7	1.3	24 BONIN ISLANDS REGION
22	07 16 13.3	42.291 N	19.876 E	10 G		1.1	14 YUGOSLAVIA. DUR 3.2 (TTG).
22	07 42 27.9	44.623 N	110.990 W	5 G		0.4	9 YELLOWSTONE NATIONAL PARK, WYO. ML 3.1 (NEIS). Felt (IV) at West Yellowstone, Montana.
22	07 44 55.0*	36.236 N	70.576 E	230 ?	3.8	0.5	9 HINDU KUSH REGION
22	08 03 57.1	42.287 N	19.878 E	10 G		1.0	19 YUGOSLAVIA. DUR 3.2 (TTG).
22	08 10 08.3	41.902 N	20.036 E	10 G	3.5	1.2	62 ALBANIA. DUR 3.9 (TTG). ML 4.4 (ATH).
22	08 12 29.9	41.927 N	20.159 E	10 G		0.3	7 ALBANIA. DUR 3.1 (TTG).
a 22	08 45 25.1	5.933 S	149.429 E	50 D	5.6 6.0	1.0	150 NEW BRITAIN REGION. Ms 6.0 (BRK).
22	10 02 57.1	42.329 N	19.855 E	10 G	3.4	1.1	28 YUGOSLAVIA. DUR 3.5 (TTG).
22	10 15 24.3*	42.251 N	19.870 E	10 G		1.2	6 YUGOSLAVIA
22	10 37 15.6	36.425 N	70.803 E	155 *	4.8	1.2	81 HINDU KUSH REGION. Felt (III) at Dushonbe and Khorog, USSR.
22	11 09 38.2*	50.897 N	14.092 E	0 G		1.2	5 CZECHOSLOVAKIA. ML 3.3 (KBA). 2.8 (VKA). Probable explosion.
22	12 18 06.0*	24.650 N	124.953 E	38 *	4.5	0.6	12 SOUTHWESTERN RYUKYU ISLANDS
22	12 46 21.8*	37.920 N	29.165 E	10 G		1.7	5 TURKEY
22	13 07 33.4	42.293 N	19.922 E	10 G		1.0	18 YUGOSLAVIA. DUR 3.2 (TTG).
22	13 38 32.2*	39.352 N	27.693 E	10 G		0.4	6 TURKEY
22	16 52 36.3*	41.69 N	19.54 E	10 G		1.5	8 ALBANIA. DUR 2.9 (TTG).
22	17 06 07.1	42.268 N	19.925 E	10 G		1.2	13 YUGOSLAVIA. DUR 3.1 (TTG).
22	17 49 09.1*	46.829 N	0.064 E	10 G		0.3	5 FRANCE. ML 2.3 (LDG).
22	17 54 53.2*	77.62 N	23.05 E	10 G	3.9	1.6	6 SVALBARD REGION
22	17 55 32.4	51.236 N	20.039 E	10 G		0.9	7 POLAND
22	18 04 26.4	41.701 N	19.516 E	10 G		0.9	10 ALBANIA. DUR 2.9 (TTG).
22	18 08 38.6*	28.372 N	140.878 E	73 ?	4.5	1.2	23 BONIN ISLANDS REGION
22	18 38 29.1*	23.849 N	121.649 E	10 G		0.4	6 TAIWAN. Felt.
22	18 44 26.1	42.326 N	19.879 E	10 G		0.5	10 YUGOSLAVIA. DUR 2.8 (TTG)
22	20 03 33.8*	40.36 N	19.63 E	10 G		1.0	7 ALBANIA
22	20 04 29.8*	46.184 N	2.870 E	10 G		0.2	10 FRANCE. ML 2.5 (LDG).
22	20 06 07.3	42.335 N	20.007 E	10 G		0.5	10 YUGOSLAVIA. DUR 2.8 (TTG).
22	20 18 52.4*	20.138 S	168.594 E	10 G	4.3	1.3	13 LOYALTY ISLANDS
22	20 49 21.9*	36.61 N	21.37 E	33 N	3.8	1.1	6 SOUTHERN GREECE. ML 3.3 (ATH).
22	22 06 59.3	42.314 N	19.899 E	9	4.4	1.1	109 YUGOSLAVIA. ML 4.5 (ATH), DUR 4.2 (TTG).
22	22 17 39.3	42.300 N	19.923 E	27	3.7	0.9	65 YUGOSLAVIA
22	22 29 59.3	22.555 N	122.089 E	21	4.9	1.2	47 TAIWAN REGION. Felt on eastern Taiwan.
22	23 41 06.8*	9.822 S	160.023 E	47 *	4.9	1.1	14 SOLOMON ISLANDS
23	00 03 04.7	42.299 N	19.882 E	10	3.7	1.1	41 YUGOSLAVIA. DUR 3.5 (TTG).
23	00 47 13.6*	38.683 N	121.204 E	33 N	4.6	1.0	11 NORTHEASTERN CHINA
23	00 47 45.1*	46.060 N	14.658 E	10 G		0.3	5 YUGOSLAVIA. ML 2.4 (KBA), DUR 2.5 (TRI).
23	01 04 08.4*	17.531 S	178.012 W	439 *	4.7	0.7	16 FIJI ISLANDS REGION
23	02 18 59.3	42.304 N	19.876 E	10 G		1.0	28 YUGOSLAVIA. DUR 3.3 (TTG).
23	02 26 15.2*	42.282 N	20.197 E	10 G		0.7	10 YUGOSLAVIA. DUR 3.0 (TTG).
23	02 51 21.9*	21.072 S	68.679 W	178 *		1.2	9 CHILE-BOLIVIA BORDER REGION
23	02 57 22.4	42.254 N	19.949 E	10 G		1.3	12 YUGOSLAVIA. DUR 3.0 (TTG).
23	03 13 31.9*	28.178 N	140.662 E	33 N	4.4	1.1	13 BONIN ISLANDS REGION
23	03 39 17.4	42.300 N	20.009 E	10 G		1.3	17 YUGOSLAVIA. DUR 3.1 (TTG).
23	04 47 49.6*	24.120 N	122.165 E	10 G		0.8	6 TAIWAN REGION
23	05 38 30.3*	37.055 N	121.477 W	8		1.4	14 CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
23	05 41 58.1	32.113 S	68.833 W	33 N		1.2	10 MENDOZA PROVINCE, ARGENTINA
23	05 56 54.4	42.288 N	19.920 E	10 G		0.4	10 YUGOSLAVIA. DUR 2.8 (TTG).
23	06 05 42.9*	41.808 N	19.522 E	10 G		1.2	8 ALBANIA. DUR 2.6 (TTG).
23	07 08 29.4*	61.501 N	150.151 W	48			36 SOUTHERN ALASKA. <AGS-P>.
23	07 17 48.0	42.296 N	19.934 E	10 G		0.5	8 YUGOSLAVIA. DUR 3.0 (TTG).
23	07 25 07.1*	37.562 N	118.802 W	9 G		25	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK), 3.3 (PAS). This event is a double shock consisting of two earthquakes of about the same magnitude and some location occurring about four seconds apart in time.
23	07 25 08.9	42.331 N	19.825 E	14	3.3	1.0	32 YUGOSLAVIA. DUR 3.6 (TTG).
23	07 27 25.3*	40.263 N	123.673 W	19 G		21	NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK). Felt (IV) at Mirando.
23	07 56 18.6*	42.169 N	19.986 E	10 G		1.0	7 YUGOSLAVIA
23	07 59 25.8	42.263 N	19.897 E	10	4.0	1.2	67 YUGOSLAVIA. DUR 3.8 (TTG).
23	08 19 49.4	42.288 N	19.851 E	14	4.6 4.4	1.0	84 YUGOSLAVIA. ML 4.5 (ATH), DUR 3.9 (TTG).
23	08 30 47.5	42.306 N	19.929 E	10 G		0.4	11 YUGOSLAVIA. DUR 2.9 (TTG).
23	08 57 14.8*	42.271 N	19.965 E	10 G		1.3	7 YUGOSLAVIA
23	09 12 08.7	42.308 N	19.866 E	10 G		1.1	16 YUGOSLAVIA. DUR 3.1 (TTG).

23	09 13 27.4	42.309 N	19.910 E	10 G	0.7	9	YUGOSLAVIA. DUR 3.1 (TTG).
23	09 35 32.3*	42.134 N	19.852 E	10 G	1.2	7	YUGOSLAVIA
23	09 41 16.0&	61.773 N	151.186 W	84		43	SOUTHERN ALASKA. <AGS-P>.
23	09 56 09.8?	8.01 S	148.32 W	33 N 3.9	0.2	10	LINE ISLANDS REGION
23	11 16 00.3?	17.95 N	102.11 W	33 N	1.3	5	NEAR COAST OF MICHOACAN, MEXICO
23	11 23 27.5&	61.196 N	151.684 W	78		26	SOUTHERN ALASKA. <AGS-P>.
23	11 39 47.1	38.564 N	73.562 E	33 N 4.2	1.2	15	TAJIK-XINJIANG BORDER REGION
23	11 57 41.9	42.270 N	19.927 E	10 G	1.3	20	YUGOSLAVIA. DUR 3.1 (TTG).
23	12 04 36.2*	42.273 N	20.056 E	10 G	0.9	6	YUGOSLAVIA
o 23	12 45 06.1*	59.706 S	148.690 W	10 G 5.6 4.6	1.1	45	SOUTH PACIFIC CORDILLERA
23	13 21 31.0*	42.379 N	1.656 E	10 G	0.6	6	PYRENEES. ML 3.2 (LDG).
23	13 31 46.4*	28.092 N	140.630 E	33 N 5.0	1.0	9	BONIN ISLANDS REGION
23	14 00 42.7?	22.83 N	121.32 E	33 N	0.6	5	TAIWAN REGION
23	14 04 57.1*	9.077 S	124.403 E	121 * 4.4	1.3	15	TIMOR
23	14 07 48.1	46.698 N	6.803 E	10 G	1.2	11	SWITZERLAND. ML 3.0 (LDG).
23	14 25 40.8	42.265 N	19.791 E	10 G 3.4	1.2	17	YUGOSLAVIA. ML 2.9 (TTG).
23	14 46 45.3&	35.780 N	117.730 W	5		9	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
23	14 48 29.7	41.449 N	22.233 E	10 G	0.4	9	YUGOSLAVIA
23	15 31 14.8*	32.323 S	71.675 W	33 N	0.6	15	NEAR COAST OF CENTRAL CHILE
o 23	16 25 30.5	13.647 N	144.620 E	136 5.2	1.0	129	MARIANA ISLANDS. Felt (III) on Guam.
23	17 18 20.9	42.281 N	19.871 E	10 G	1.1	22	YUGOSLAVIA. DUR 3.2 (TTG).
23	17 32 31.3	42.306 N	19.910 E	10 G 4.2	1.1	79	YUGOSLAVIA. DUR 4.0 (TTG).
23	17 47 23.6	44.635 N	111.048 W	5 G	1.2	9	HEBGEN LAKE REGION. ML 2.7 (NEIS).
23	18 26 39.4*	31.833 S	68.264 W	10 G	0.9	5	SAN JUAN PROVINCE, ARGENTINA
23	19 23 01.4*	28.068 N	140.382 E	33 N 4.5	1.1	9	BONIN ISLANDS REGION
23	19 31 58.5	33.508 N	48.789 E	44 4.8	1.0	54	WESTERN IRAN. Felt in Lorestan Province.
23	20 04 58.2	42.046 N	19.834 E	10 G	1.0	9	YUGOSLAVIA
23	20 14 22.7	42.307 N	19.880 E	9 3.4	1.2	21	YUGOSLAVIA. DUR 3.1 (TTG).
23	20 36 45.4?	6.99 S	136.28 E	33 N 3.9	1.6	5	WEST IRIAN REGION
23	21 05 32.2	42.302 N	19.902 E	7	0.7	21	YUGOSLAVIA. DUR 3.1 (TTG).
23	22 58 40.0?	7.80 S	148.26 W	33 N 4.3	0.6	11	LINE ISLANDS REGION
23	23 22 39.2*	8.922 N	93.924 E	33 N 4.5	1.3	8	NICOBAR ISLANDS REGION
24	00 14 49.6	42.317 N	19.866 E	9 3.6	0.8	24	YUGOSLAVIA. DUR 3.3 (TTG).
24	00 14 57.7	33.375 N	96.459 E	33 N 4.2	1.5	18	QINGHAI PROVINCE, CHINA
24	00 20 56.8*	5.423 N	72.957 W	33 N	0.9	7	COLOMBIA
24	00 36 34.1	24.093 N	122.411 E	43 * 4.5	1.1	35	TAIWAN REGION
24	00 57 52.7	42.291 N	19.855 E	10 3.2	1.0	28	YUGOSLAVIA. DUR 3.2 (TTG).
24	01 19 39.3	37.640 N	27.557 E	23 4.5	1.0	81	TURKEY. ML 4.0 (ATH). Felt in the Izmir area.
24	01 44 10.9?	20.18 S	170.43 E	33 N 4.7	1.3	10	VANUATU ISLANDS
24	01 45 26.2	41.625 N	19.386 E	10 G 3.6	1.4	24	ALBANIA. DUR 3.3 (TTG).
24	02 10 11.0*	41.664 N	19.700 E	10 G	0.8	6	ALBANIA
24	02 34 47.6	8.153 S	158.705 E	78 4.9	0.8	34	SOLOMON ISLANDS
24	05 04 29.5	42.276 N	19.923 E	10 G	1.1	14	YUGOSLAVIA. DUR 3.8 (TTG).
24	05 36 16.7*	45.988 N	12.238 E	10 G	0.9	6	NORTHERN ITALY. DUR 2.2 (TRI).
24	06 26 46.7	34.397 N	141.599 E	37 * 5.0	1.1	43	OFF EAST COAST OF HONSHU, JAPAN
24	06 28 35.7	46.426 N	12.602 E	10 G	0.8	13	NORTHERN ITALY. ML 2.9 (LDG), 2.7 (TRI), 2.5 (KBA).
24	06 40 34.7*	34.283 N	141.605 E	39 * 4.8	1.0	35	OFF EAST COAST OF HONSHU, JAPAN
24	06 54 02.2	43.892 N	12.041 E	10 G 3.8	1.0	76	CENTRAL ITALY. ML 4.5 (FUR), 4.4 (KBA), 4.3 (LDG), 4.3 (VKA), DUR 4.3 (TRI). Minor damage at Ceseno and Forli. Felt along the Adriatic coast.
24	07 51 23.8*	22.993 S	68.647 W	161 *	0.4	7	NORTHERN CHILE
24	08 15 34.3*	24.752 N	121.684 E	10 G	1.2	5	TAIWAN
24	08 17 46.1	35.731 N	140.901 E	64 3.9	0.6	12	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Choshi.
24	08 38 57.8	42.290 N	19.952 E	10 G	1.1	18	YUGOSLAVIA. DUR 3.0 (TTG).
24	08 58 54.2*	7.299 S	73.830 W	33 N	1.6	7	PERU-BRAZIL BORDER REGION
24	09 25 22.7?	8.50 S	123.14 E	33 N	0.8	11	FLORES ISLAND REGION
24	09 28 23.3	7.672 S	148.040 W	33 N 4.8	0.7	21	LINE ISLANDS REGION
24	09 29 11.8?	7.83 S	148.30 W	33 N	0.3	10	LINE ISLANDS REGION
24	09 44 20.2	16.323 N	98.172 W	33 N 4.5	0.8	33	NEAR COAST OF GUERRERO, MEXICO
24	09 58 02.7	42.305 N	19.847 E	12 4.2	1.1	58	YUGOSLAVIA. DUR 4.0 (TTG).
o 24	10 42 51.4	9.174 N	40.623 W	10 G 5.1 4.3	1.0	55	CENTRAL MID-ATLANTIC RIDGE
24	10 43 06.6?	21.14 S	67.50 W	214 ?	0.7	6	CHILE-BOLIVIA BORDER REGION
24	11 30 19.5	42.322 N	19.966 E	23 3.6	0.9	21	YUGOSLAVIA. DUR 3.5 (TTG).
24	12 53 46.4	42.297 N	18.746 E	7 4.8	1.2	131	YUGOSLAVIA. DUR 4.5 (TTG), ML 4.4 (SKO). Felt (VI) at Budva and Cetinje and (V) at Titograd.
24	12 55 53.0	42.356 N	18.846 E	13 4.5	1.2	25	YUGOSLAVIA. DUR 4.5 (TTG).
24	12 56 15.6&	36.360 N	120.210 W	6 G		15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.8 (BRK).
24	12 59 02.4	42.304 N	18.904 E	10 G	0.9	7	YUGOSLAVIA. DUR 3.0 (TTG).
24	13 09 42.7	44.655 N	111.070 W	5 G	0.7	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
24	13 40 10.8*	42.260 N	20.107 E	10 G	1.2	6	YUGOSLAVIA
24	13 45 03.6	42.289 N	18.744 E	13 4.7	1.1	100	YUGOSLAVIA. DUR 4.3 (TTG), ML 5.0 (TRI).
24	14 28 22.3&	61.210 N	152.031 W	101		37	SOUTHERN ALASKA. <AGS-P>.
24	14 59 56.9?	46.286 N	2.124 E	10 G	0.4	10	FRANCE. ML 2.2 (LDG).
24	15 00 41.1&	59.999 N	152.718 W	83		37	SOUTHERN ALASKA. <AGS-P>.
24	15 06 42.0	42.316 N	18.768 E	10 G 3.9	1.4	47	YUGOSLAVIA. ML 4.1 (TRI), DUR 3.7 (TTG).
24	15 57 48.6*	42.322 N	19.990 E	10 G	0.7	10	YUGOSLAVIA. DUR 2.8 (TTG).
24	15 58 14.1?	28.74 N	141.19 E	33 N 4.5	1.6	12	BONIN ISLANDS REGION
24	16 00 58.5	21.861 S	138.766 W	0 G 4.7	0.9	35	TUAMOTU ARCHIPELAGO REGION
24	16 20 50.8	42.350 N	19.916 E	10 G	0.3	11	YUGOSLAVIA. DUR 3.1 (TTG).
24	16 44 13.2?	7.26 S	130.21 E	154 ? 3.8	1.3	6	TANIMBAR ISLANDS REGION
24	17 22 39.1*	36.772 N	54.869 E	33 N 4.3	1.4	15	IRAN. Felt at Shahrud.
24	19 21 39.7&	36.025 N	120.878 W	8 4.5		36	CENTRAL CALIFORNIA. <PAS-P>. ML 4.4 (BRK), 4.4 (PAS). Felt (V) at San Ardo, (IV) at Brodley, King City and Lackwood. Felt (III) at Coalinga, Creston, Pacific Grove and Templeton.
24	19 29 26.9	62.284 N	124.126 W	10 G	1.1	9	NORTHWEST TERRITORIES, CANADA
24	20 41 25.2	42.310 N	18.916 E	10 G	0.7	12	YUGOSLAVIA. DUR 3.1 (TTG).
24	21 32 41.8	59.450 S	24.842 W	37 D 5.3 4.8	1.1	35	SOUTH SANDWICH ISLANDS REGION
24	21 45 16.2	42.303 N	19.918 E	15 3.4	1.2	50	YUGOSLAVIA. DUR 3.7 (TTG).
24	22 24 35.1*	47.611 N	15.939 E	10 G	1.2	11	AUSTRIA. ML 3.2 (VKA), 3.2 (KBA). Felt (V) at Gloggnitz.
24	22 36 06.3?	19.61 S	65.63 W	33 N	1.1	6	SOUTHERN BOLIVIA

24	22	53	47.9*	34.034 S	70.483 W	110 ?	0.2	11	CHILE-ARGENTINA BORDER REGION
24	23	08	15.2*	36.028 N	120.873 W	8	17	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK), 3.2 (PAS).	
25	00	18	14.9*	18.535 N	94.788 E	33 N 4.5	1.0	11	BURMA
25	00	32	19.5*	42.091 N	20.359 E	10 G	1.3	15	YUGOSLAVIA. DUR 3.5 (TTG).
25	00	37	18.7	40.717 N	23.396 E	10 G	1.0	8	GREECE
25	01	39	45.6?	34.76 N	141.67 E	10 G	0.7	7	OFF EAST COAST OF HONSHU, JAPAN
25	02	36	33.5*	37.032 N	137.108 E	273 * 4.2	0.6	15	NEAR WEST COAST OF HONSHU, JAPAN
25	02	46	37.8*	23.044 S	68.786 W	150 * 4.9	0.6	9	NORTHERN CHILE
25	04	12	19.6	42.331 N	18.868 E	10 G	0.8	6	YUGOSLAVIA. DUR 2.4 (TTG).
25	04	53	23.9*	42.304 N	19.993 E	10 G	0.4	9	YUGOSLAVIA. DUR 2.9 (TTG).
25	06	28	21.4*	39.421 N	16.601 E	10 G 3.6	0.9	23	SOUTHERN ITALY
25	08	47	33.2*	28.084 N	140.607 E	33 N	1.4	10	BONIN ISLANDS REGION
25	09	13	25.3*	42.286 N	20.050 E	10 G	1.1	7	YUGOSLAVIA. DUR 2.7 (TTG).
25	11	29	00.4*	43.415 N	12.161 E	10 G	1.2	17	CENTRAL ITALY. ML 4.0 (KBA), 3.6 (TRI), 3.5 (LDG).
25	12	11	43.5?	24.74 N	122.60 E	33 N	1.2	7	TAIWAN REGION
25	12	32	56.0*	31.681 S	70.845 W	33 N	1.1	10	CHILE-ARGENTINA BORDER REGION
25	12	39	51.7*	62.328 N	150.880 W	68	19	CENTRAL ALASKA. <AGS-P>.	
25	14	21	22.0*	6.568 S	149.880 E	33 N 4.4	0.8	6	NEW BRITAIN REGION
25	15	39	04.1	16.356 N	95.614 W	56 4.8	1.0	51	DAXACA, MEXICO
25	16	09	03.0	44.631 N	111.074 W	5 G	1.1	11	HEBGEN LAKE REGION. ML 3.5 (NEIS).
25	16	26	30.4	8.649 S	108.495 E	68 D 5.1	1.2	64	JAVA
25	16	43	56.4	42.303 N	18.751 E	17 4.8	1.3	151	YUGOSLAVIA. DUR 4.9 (TTG). Some buildings slightly damaged in southern Montenegro. Felt (VI) at Budva and Cetinje and (V) at Dubrovnik and Titograd. Tunnel on road between Budva and Cetinje blocked by rockslides.
25	16	53	03.8	44.612 N	111.071 W	5 G	0.8	9	HEBGEN LAKE REGION. ML 3.5 (NEIS).
25	17	11	20.2*	44.640 N	111.074 W	5 G	1.5	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
25	17	18	35.5	44.648 N	111.096 W	5 G	0.8	10	HEBGEN LAKE REGION. ML 2.9 (NEIS).
25	17	58	30.5	23.156 N	123.872 E	11 4.9	1.1	60	SOUTHWESTERN RYUKYU ISLANDS
25	18	27	34.4?	33.77 S	72.03 W	33 N	0.4	8	OFF COAST OF CENTRAL CHILE
25	18	39	17.6*	60.075 N	153.349 W	121	20	SOUTHERN ALASKA. <AGS-P>.	
25	18	57	10.7*	21.935 S	68.668 W	137 *	1.5	8	CHILE-BOLIVIA BORDER REGION
25	19	21	06.8*	11.716 S	163.152 E	33 N 5.2	1.4	26	SOLOMON ISLANDS
25	19	25	56.9	44.671 N	111.048 W	5 G	0.9	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
25	19	41	25.5	44.651 N	111.082 W	5 G	0.9	10	HEBGEN LAKE REGION. ML 3.3 (NEIS).
25	20	41	49.0*	28.641 N	141.080 E	33 N	1.5	13	BONIN ISLANDS REGION
25	20	42	04.9	5.657 N	127.070 E	84 * 5.0	0.8	38	PHILIPPINE ISLANDS REGION
25	21	05	38.5	42.305 N	18.917 E	10 G	0.6	7	YUGOSLAVIA. DUR 2.7 (TTG).
25	21	48	41.2	42.274 N	19.999 E	10 G	0.2	7	YUGOSLAVIA. DUR 3.1 (TTG).
25	21	59	30.2*	43.597 N	5.605 E	10 G	0.6	6	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
25	22	06	29.7	42.406 N	19.815 E	10 G	0.6	9	YUGOSLAVIA. DUR 3.1 (TTG).
25	23	30	13.1?	7.37 S	148.12 W	33 N	0.5	6	LINE ISLANDS REGION
25	23	44	21.5*	33.430 N	119.170 W	6 G	7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).	
25	23	49	47.8	41.521 N	19.181 E	21 3.5	1.1	39	ALBANIA. DUR 3.6 (TTG).
26	00	09	54.9*	6.870 N	73.140 W	162 *	1.2	10	NORTHERN COLOMBIA
26	00	27	04.2	22.570 N	121.947 E	27 5.0	1.0	54	TAIWAN REGION
26	01	05	55.7	42.410 N	19.859 E	10 G	1.0	12	YUGOSLAVIA. DUR 3.4 (TTG).
26	01	19	04.9*	55.102 S	146.345 E	10 G 5.0	1.4	30	WEST OF MACQUARIE ISLAND
26	04	42	37.8	42.391 N	19.944 E	10 G	0.9	9	YUGOSLAVIA. DUR 3.2 (TTG).
26	05	01	08.6*	36.437 N	71.196 E	92 ? 4.7	0.7	11	AFGHANISTAN-USSR BORDER REGION
26	05	11	44.5*	4.696 S	133.821 E	33 N 4.0	1.0	6	WEST IRIAN REGION
26	06	18	59.3	21.983 S	175.043 W	44 D 5.4	1.0	84	TONGA ISLANDS
26	06	27	24.1*	1.668 S	134.710 E	10 G 4.6 5.2	0.8	10	WEST IRIAN REGION
26	08	38	42.5?	42.37 N	19.89 E	10 G	0.6	5	YUGOSLAVIA
26	08	56	30.4	24.114 N	125.176 E	30 5.2	1.3	77	SOUTHWESTERN RYUKYU ISLANDS
26	09	07	33.9*	14.789 N	53.785 E	10 G 4.7	1.3	14	ARABIAN SEA
26	09	27	49.1	44.665 N	111.065 W	5 G	1.0	9	HEBGEN LAKE REGION. ML 3.4 (NEIS). Felt at West Yellowstone, Montana.
26	09	34	40.5	44.647 N	111.045 W	5 G	0.8	11	HEBGEN LAKE REGION. ML 4.4 (NEIS). Felt (IV) at West Yellowstone, Montana.
26	09	42	00.9*	24.097 N	125.317 E	33 N 4.5	1.2	10	SOUTHWESTERN RYUKYU ISLANDS
26	10	05	03.5	24.139 N	125.177 E	21 5.5 5.9	1.1	161	SOUTHWESTERN RYUKYU ISLANDS. Felt (II JMA) on Ishigaki-jima and (I JMA) on Miyako-jima.
26	10	24	32.0	9.508 S	75.704 W	52 * 5.2	1.0	96	PERU. Felt in the Huancayo area.
26	10	36	27.0*	58.201 N	154.690 W	182	10	ALASKA PENINSULA. <AGS-P>.	
26	13	23	57.7	24.140 N	125.148 E	35 * 5.0 4.5	1.3	52	SOUTHWESTERN RYUKYU ISLANDS. Felt (I JMA) on Miyako-jima.
26	14	35	16.0	22.324 N	143.804 E	127 * 4.9	0.9	35	VOLCANO ISLANDS REGION
26	15	46	21.1*	22.834 S	69.612 E	10 G 4.6	1.0	9	MID-INDIAN RISE
26	16	18	14.0*	46.492 N	149.866 E	103 ? 5.0	0.8	27	KURIL ISLANDS
26	16	27	55.4	44.661 N	111.036 W	5 G	0.8	10	HEBGEN LAKE REGION. ML 3.4 (NEIS).
26	17	19	13.9*	25.200 N	94.508 E	33 N 4.3	0.3	6	BURMA-INDIA BORDER REGION
26	17	41	58.4	21.867 S	138.929 W	0 G 5.8	0.9	152	TUAMOTU ARCHIPELAGO REGION
26	18	09	24.1*	28.715 N	141.023 E	33 N	0.7	7	BONIN ISLANDS REGION
26	18	30	13.7*	24.209 N	125.233 E	43 * 5.0	1.1	26	SOUTHWESTERN RYUKYU ISLANDS
26	18	52	20.2	44.642 N	111.023 W	5 G	0.5	8	HEBGEN LAKE REGION. ML 2.7 (NEIS).
26	19	02	23.9?	3.16 S	77.04 W	33 N 4.9	0.3	8	PERU-EQUADOR BORDER REGION
26	19	55	11.0	45.307 N	17.965 E	10 G	0.8	17	YUGOSLAVIA. ML 3.5 (KBA). Felt at Slavonski Brod and Bosanski Brod.
26	19	58	21.6*	19.893 S	70.287 W	33 N	0.6	6	NEAR COAST OF NORTHERN CHILE
26	20	50	46.9*	42.342 N	19.982 E	10 G	0.2	7	YUGOSLAVIA. DUR 2.8 (TTG).
26	20	59	10.5*	42.346 N	19.996 E	10 G	0.5	7	YUGOSLAVIA. DUR 2.6 (TTG).
26	21	44	32.3?	34.39 S	71.07 W	33 N	0.6	6	NEAR COAST OF CENTRAL CHILE
26	22	17	41.0*	6.649 S	149.689 E	33 N 4.3	1.5	6	NEW BRITAIN REGION
26	22	17	44.5*	48.008 N	6.758 E	10 G	1.4	5	FRANCE. ML 2.8 (LDG).
26	22	31	52.1	4.820 N	76.364 W	130 *	0.6	10	COLOMBIA. Felt at Pereira.
27	00	01	59.1	35.638 N	135.731 E	26 4.8	0.9	87	SOUTHERN HONSHU, JAPAN. Felt (III JMA) at Kyoto, Maizuru, Toyooko and Tsurugo; (II JMA) at Nagoya and Osaka. Felt (I JMA) from Konozawa to Okayama, Honshu and at Tokamatsu, Shikoku.
27	00	32	33.8?	24.04 S	115.51 W	10 G 4.7 4.7	1.4	12	EASTER ISLAND CORDILLERA
27	00	53	35.2	18.772 N	103.181 W	97 * 3.9	1.0	32	NEAR COAST OF MICHOACAN, MEXICO
27	02	01	32.6	36.848 S	178.552 E	33 N 5.1	1.4	42	OFF E. COAST OF N. ISLAND, N.Z.

27	02 41 20.4*	42.988 N	0.049 E	10 G	0.5	6	PYRENEES. ML 3.0 (LDG).	
27	03 04 44.17	18.24 N	62.22 W	33 N	0.3	5	LEEWARD ISLANDS. ML 3.7 (FDF).	
27	03 29 39.1*	42.360 N	19.893 E	10 G	0.6	7	YUGOSLAVIA	
27	04 13 25.2*	60.148 N	152.576 W	98	16	16	SOUTHERN ALASKA. <AGS-P>.	
a 27	04 18 04.0	21.088 S	178.988 W	608	5.3	1.0	158	FIJI ISLANDS REGION
27	04 40 14.4	42.370 N	19.862 E	10 G	0.5	10	YUGOSLAVIA	
27	04 53 31.1*	59.748 N	5.742 E	10 G	0.9	6	SOUTHERN NORWAY. DUR 2.8 (BER). Felt (IV) in Sunnhordland.	
27	06 34 05.2	28.161 N	140.613 E	33 N	5.1	0.9	12	BONIN ISLANDS REGION
27	06 59 41.17	26.51 S	28.60 E	5 G	0.9	5	REPUBLIC OF SOUTH AFRICA	
27	07 12 48.4*	16.399 S	70.461 W	126 *	1.6	6	SOUTHERN PERU	
27	07 21 14.8*	23.800 N	121.727 E	10 G	0.9	8	TAIWAN	
27	07 31 48.6	44.598 N	111.128 W	5 G	0.8	9	HEBGEN LAKE REGION. ML 3.1 (NEIS).	
27	07 39 51.2*	59.675 N	5.834 E	10 G	0.4	5	SOUTHERN NORWAY. DUR 1.9 (BER).	
27	07 50 21.5*	41.103 N	105.056 E	33 N	4.4	1.3	5	NORTHERN CHINA
27	07 50 47.9*	3.15 S	146.50 E	33 N	4.0	0.4	5	BISMARCK SEA
27	08 28 21.9*	4.979 S	133.654 E	33 N	4.5	1.4	25	WEST IRIAN REGION
27	09 34 21.3	42.336 N	19.942 E	10 G	0.4	9	YUGOSLAVIA. DUR 2.8 (TTG).	
27	09 49 35.9*	5.05 S	133.46 E	33 N	3.5	1.5	6	AROE ISLANDS REGION
27	10 56 43.8	37.776 N	69.671 E	21 *	4.9	1.0	70	AFGHANISTAN-USSR BORDER REGION. Felt (IV) at Maskovski, Kulyab and Parkhar; (III) at Nurek; (II) at Dushanbe, USSR.
27	10 58 04.6*	42.333 N	19.895 E	10 G	0.7	8	YUGOSLAVIA. DUR 2.6 (TTG).	
27	12 38 59.6	42.300 N	19.900 E	20	4.4	1.2	64	YUGOSLAVIA. DUR 4.1 (TTG), ML 4.5 (ATH).
27	12 41 49.3*	28.285 N	140.716 E	33 N	4.7	1.2	16	BONIN ISLANDS REGION
27	12 46 47.6	24.087 N	121.813 E	10 G	0.4	8	TAIWAN	
27	13 06 18.5*	4.97 S	133.45 E	33 N	3.4	1.5	6	WEST IRIAN REGION
a 27	15 08 57.7	13.882 N	90.939 W	74	5.1	1.2	170	NEAR COAST OF GUATEMALA. Felt (V) at Guatemala City. Felt throughout Guatemala. Also felt in western El Salvador and in Chiapas, Mexico.
27	15 18 34.5	42.337 N	18.911 E	10 G	0.2	6	YUGOSLAVIA. DUR 2.4 (TTG).	
27	15 38 36.7*	24.122 N	125.192 E	49 *	4.4	1.4	16	SOUTHWESTERN RYUKYU ISLANDS
27	15 59 25.47	7.94 S	148.54 W	33 N	4.2	0.2	11	LINE ISLANDS REGION
27	16 37 44.3*	56.336 N	153.359 W	33 N	4.6	1.0	15	KODIAK ISLAND REGION
27	18 09 23.0	24.916 N	122.674 E	10 G	4.6	1.2	35	TAIWAN REGION
27	18 19 43.37	24.83 N	122.33 E	10 G	0.4	6	TAIWAN REGION	
27	18 34 21.7*	7.487 S	128.906 E	189 *	4.4	0.9	10	BANDA SEA
27	18 47 33.8*	4.906 S	68.560 E	10 G	4.6	1.2	31	CHAGOS ARCHIPELAGO REGION
27	20 35 56.4*	29.142 S	178.594 W	212 ?	4.3	1.4	20	KERMADEC ISLANDS
27	21 03 53.4	29.102 S	68.725 W	10 G	0.4	1.0	7	SAN JUAN PROVINCE, ARGENTINA
27	22 00 41.57	24.78 N	123.43 E	33 N	0.4	1.0	8	SOUTHWESTERN RYUKYU ISLANDS
27	22 38 22.9*	42.298 N	19.956 E	10 G	0.2	0.2	7	YUGOSLAVIA. DUR 2.5 (TTG).
27	22 58 51.0*	5.213 S	153.691 E	88 *	4.1	1.2	15	NEW IRELAND REGION
27	23 18 17.1	30.654 S	117.392 E	9	4.5	1.4	17	WESTERN AUSTRALIA. Felt in the Cadoux area. Also felt at Perth.
27	23 38 14.5*	46.491 N	13.410 E	10 G	0.7	5	AUSTRIA. ML 2.5 (KBA).	
a 28	00 09 00.9*	38.869 N	24.980 E	10 G	1.2	10	AEGEAN SEA. ML 3.2 (ATH).	
a 28	00 13 59.6	11.758 N	61.389 W	72 D	5.3	1.0	172	WINDWARD ISLANDS. Felt strongly on Granada and St. Vincent. Also felt on Trinidad and Tobago.
28	00 14 57.8	42.295 N	18.909 E	10 G	0.7	9	YUGOSLAVIA. DUR 2.5 (TTG).	
28	00 24 12.4	30.812 S	117.100 E	10 G	0.5	7	WESTERN AUSTRALIA	
f 28	02 25 42.3	14.043 S	166.240 E	33 N	6.0	1.0	336	VANUATU ISLANDS. Ms 7.2 (BRK), 6.5 (PAS).
28	02 41 06.9*	13.814 S	166.390 E	33 N	5.5	1.2	51	VANUATU ISLANDS
28	02 43 48.2*	13.898 S	166.387 E	33 N	0.9	23	VANUATU ISLANDS	
28	02 54 36.2*	14.095 S	166.354 E	33 N	5.6	1.1	32	VANUATU ISLANDS
28	03 20 07.7	40.489 N	21.190 E	10 G	0.9	1.0	9	GREECE
a 28	03 49 54.1	13.987 S	166.185 E	33 N	6.3	1.1	302	VANUATU ISLANDS. Ms 7.6 (BRK), 6.9 (PAS).
28	04 26 53.2*	13.827 S	166.414 E	33 N	5.4	0.9	29	VANUATU ISLANDS
28	04 59 10.2*	13.960 S	166.196 E	33 N	4.7	1.3	12	VANUATU ISLANDS
28	05 15 53.9*	60.398 N	152.980 W	140	0.4	1.4	14	SOUTHERN ALASKA. <AGS-P>.
28	05 19 20.8*	13.968 S	166.115 E	33 N	4.8	1.3	19	VANUATU ISLANDS
28	06 35 19.2*	13.832 S	166.297 E	33 N	4.9	1.3	18	VANUATU ISLANDS
a 28	06 37 47.2	13.905 S	166.291 E	33 N	5.6	1.0	164	VANUATU ISLANDS
28	07 20 07.8*	14.18 N	89.88 W	271 ?	4.4	1.0	16	GUATEMALA
28	09 10 35.9*	13.912 S	166.165 E	33 N	4.4	1.2	10	VANUATU ISLANDS
28	10 30 30.6*	33.070 N	115.990 W	6 G	0.4	0.7	7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
28	11 37 26.2	42.318 N	18.928 E	10 G	0.2	0.2	6	YUGOSLAVIA. ML 2.3 (TTG).
28	11 46 01.3*	42.997 N	143.112 E	136 *	4.2	1.0	12	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Kushiro.
28	11 47 21.1*	61.714 N	151.842 W	110	0.4	0.9	29	SOUTHERN ALASKA. <AGS-P>.
28	12 27 27.9*	24.172 S	66.875 W	233 *	0.4	0.9	8	SALTA PROVINCE, ARGENTINA
28	12 40 54.0*	40.600 N	27.462 E	10 G	0.6	5	TURKEY	
28	13 00 11.6*	50.935 N	14.186 E	10 G	1.5	5	CZECHOSLOVAKIA. ML 3.5 (VKA), 3.3 (GRF), 3.3 (KBA).	
28	13 42 52.1	26.294 N	97.068 E	10 G	4.9	1.0	79	BURMA
28	14 05 12.7*	42.622 N	24.062 E	10 G	0.9	6	BULGARIA	
28	14 11 17.5	42.345 N	19.888 E	10 G	0.6	13	YUGOSLAVIA. DUR 2.6 (TTG).	
28	14 14 21.2*	37.323 N	71.591 E	33 N	3.8	0.6	6	AFGHANISTAN-USSR BORDER REGION
a 28	14 54 42.3	4.257 S	152.887 E	40	5.4	1.0	167	NEW BRITAIN REGION. Felt (V) at Rabaul.
28	15 07 25.2*	14.037 S	166.209 E	33 N	0.4	1.4	9	VANUATU ISLANDS
28	15 13 57.2*	36.562 N	121.060 W	10	4.4	4.4	49	CENTRAL CALIFORNIA. <BRK>. ML 4.5 (BRK), 4.9 (PAS). Mo=1.3*10**23 (BRK). Felt (IV) at Aptos, Big Sur, Carmel, Hollister, Paicines, Salinas, Santa Cruz and Tres Pinos.
28	15 36 51.9	13.972 S	166.269 E	33 N	4.8	1.0	34	VANUATU ISLANDS
28	15 50 11.9*	13.979 S	166.232 E	33 N	4.6	1.2	9	VANUATU ISLANDS
28	16 03 02.6	4.217 S	152.813 E	48 *	4.9	1.1	26	NEW BRITAIN REGION
28	16 23 52.1*	14.007 S	166.212 E	33 N	4.5	1.5	13	VANUATU ISLANDS
28	17 40 44.8	8.669 S	30.002 E	10 G	5.1	0.9	60	LAKE TANGANYIKA REGION
28	17 42 26.1	33.529 N	141.391 E	33 N	4.9	0.7	13	OFF EAST COAST OF HONSHU, JAPAN
a 28	17 59 43.8	14.140 S	166.217 E	33 N	5.2	1.2	78	VANUATU ISLANDS
a 28	19 04 16.0	13.809 S	166.113 E	33 N	5.2	1.3	55	VANUATU ISLANDS
28	19 09 41.8	13.811 S	166.247 E	33 N	5.1	1.1	27	VANUATU ISLANDS
28	19 18 16.0*	28.600 N	130.079 E	70 *	4.1	0.9	8	RYUKYU ISLANDS
28	19 39 37.0*	37.764 N	142.059 E	58 *	4.4	0.8	17	OFF EAST COAST OF HONSHU, JAPAN

28	19 47 21.9&	59.004 N	152.818 W	98			35	SOUTHERN ALASKA. <AGS-P>.
28	20 25 49.3*	14.915 N	98.258 E	10 G		1.5	5	SOUTH BURMA
28	20 38 59.1	13.903 S	166.470 E	33 N	4.5	0.9	33	VANUATU ISLANDS
28	20 48 35.4*	5.972 S	146.811 E	47 *	3.7	0.8	9	EAST PAPUA NEW GUINEA REGION
28	22 11 50.5*	14.113 S	166.233 E	33 N	5.1	1.3	11	VANUATU ISLANDS
28	22 24 27.0	33.573 N	141.424 E	49 *	4.9	1.1	41	OFF EAST COAST OF HONSHU, JAPAN
28	22 27 25.2	23.014 S	179.398 W	533	4.8	1.0	52	SOUTH OF FIJI ISLANDS
28	23 07 05.5	42.319 N	19.892 E	10 G		0.6	11	YUGOSLAVIA. DUR 2.8 (TTG).
28	23 09 25.9&	61.467 N	149.963 W	47			29	SOUTHERN ALASKA. <AGS-P>. Felt at Palmer.
28	23 26 28.2	35.867 N	45.621 E	33 N	4.6	0.9	35	IRAN-IRAQ BORDER REGION
29	00 56 07.5	42.330 N	18.897 E	10 G		0.9	9	YUGOSLAVIA. DUR 2.4 (TTG).
a	01 09 48.1	13.905 S	166.163 E	33 N	5.2 5.2	1.1	87	VANUATU ISLANDS
29	01 10 13.4?	71.89 N	1.69 W	10 G		1.6	5	JAN MAYEN ISLAND REGION
29	01 50 14.1*	37.534 S	176.650 E	190 *	4.6	0.7	6	NORTH ISLAND, NEW ZEALAND
29	02 03 35.9&	38.025 N	122.242 W	7			13	NORTHERN CALIFORNIA. <BRK>. ML 2.3 (BRK). Mo=3.6*10**20 (BRK). Felt at Martinez and Pinale.
29	02 53 23.7	11.522 N	140.599 E	67 *	4.6	0.9	36	WEST CAROLINE ISLANDS
a	04 02 12.2	22.766 S	63.663 W	532 D	5.2	0.8	170	SALTA PROVINCE, ARGENTINA
29	04 37 23.4?	46.251 N	5.463 E	10 G		1.0	7	FRANCE. ML 2.8 (LDG).
29	04 40 03.6	36.404 N	71.409 E	57 *	5.0 4.5	1.1	58	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Dushanbe, USSR.
29	06 11 02.1	44.650 N	111.037 W	5 G		0.8	9	HEBGEN LAKE REGION. ML 3.1 (NEIS).
29	06 12 57.9*	11.851 S	166.640 E	253 *	4.4	1.1	10	SANTA CRUZ ISLANDS
29	06 30 17.1*	24.143 N	121.273 E	33 N		1.4	5	TAIWAN
29	07 21 24.0	44.644 N	111.050 W	5 G		0.6	9	HEBGEN LAKE REGION. ML 3.4 (NEIS).
29	08 29 54.7	40.743 N	27.411 E	10 G		1.0	6	TURKEY
29	09 13 46.4*	30.210 N	130.667 E	72 *	4.3	1.3	16	KYUSHU, JAPAN
29	10 22 48.2?	46.041 N	5.441 E	10 G		0.7	6	FRANCE. ML 2.7 (LDG).
29	10 54 01.3	46.084 N	27.022 E	10 G		0.5	7	ROMANIA
29	12 02 46.5	10.528 N	93.489 E	107 D	4.8	1.0	92	ANDAMAN ISLANDS REGION
29	12 05 06.1*	28.117 N	140.652 E	33 N	5.2	0.9	7	BONIN ISLANDS REGION
29	12 45 16.7	0.412 S	97.657 E	28	5.0	0.9	64	SOUTHWEST OF SUMATERA
29	13 24 58.7	42.330 N	19.865 E	10 G		0.5	11	YUGOSLAVIA. DUR 2.8 (TTG).
a	14 01 20.0*	39.707 S	15.847 W	10 G	5.4	1.2	20	TRISTAN DA CUNHA REGION
29	14 43 37.3	13.916 S	166.570 E	33 N	5.0	0.8	30	VANUATU ISLANDS
29	15 14 38.3?	15.06 S	177.56 W	434 ?	4.1	1.3	9	FIJI ISLANDS REGION
29	15 15 22.8*	32.351 S	179.313 W	33 N	5.0	1.3	14	SOUTH OF KERMADEC ISLANDS
29	15 33 35.0*	21.168 S	170.247 E	161 *	4.5	1.2	32	LOYALTY ISLANDS REGION
29	16 11 15.8	17.823 N	65.982 W	33 N		0.7	9	PUERTO RICO REGION. Felt at Caguas, Cayey and Santurce.
29	16 21 48.4*	14.045 S	166.199 E	33 N	4.6	1.3	10	VANUATU ISLANDS
29	17 01 27.2	42.326 N	19.905 E	10 G		0.4	11	YUGOSLAVIA. DUR 3.0 (TTG).
29	17 10 32.3	42.342 N	19.893 E	10 G		0.5	11	YUGOSLAVIA. DUR 3.0 (TTG).
29	17 28 09.6*	11.560 S	117.335 E	33 N	4.4	1.1	8	SOUTH OF SUMBAWA ISLAND
29	18 01 58.9*	28.713 N	140.910 E	33 N	4.5	1.3	7	BONIN ISLANDS REGION
29	18 36 35.5	42.345 N	19.917 E	10 G		0.5	10	YUGOSLAVIA. DUR 2.8 (TTG).
29	20 02 17.2	44.549 N	7.021 E	10 G		0.6	13	NORTHERN ITALY. ML 3.0 (LDG).
29	22 30 36.1	44.641 N	111.064 W	5 G		0.4	9	HEBGEN LAKE REGION. ML 3.4 (NEIS).
29	23 01 09.8	21.639 S	68.929 W	168 *	4.1	1.0	16	CHILE-BOLIVIA BORDER REGION
30	00 23 36.8	42.304 N	19.974 E	10 G		0.4	8	YUGOSLAVIA. DUR 2.9 (TTG).
30	00 41 02.3*	28.001 N	140.448 E	33 N	4.8	1.3	8	BONIN ISLANDS REGION
30	01 17 53.5	78.389 N	8.506 E	10 G	4.2	0.8	10	SVALBARD REGION
30	01 33 32.6	42.280 N	19.903 E	10 G		1.0	12	YUGOSLAVIA. DUR 3.0 (TTG).
a	02 28 11.5	29.235 S	61.253 E	10 G	5.6 5.3	0.9	167	ATLANTIC-INDIAN RISE
a	03 04 18.8	16.366 S	174.197 W	165 D	5.7	0.9	275	TONGA ISLANDS
30	03 16 16.7*	3.289 S	136.483 E	33 N	4.8	1.2	16	WEST IRIAN
a	04 22 30.8	21.073 S	179.009 W	627	5.1	0.9	106	FIJI ISLANDS REGION
30	04 33 42.2*	29.339 S	61.064 E	10 G	4.8	1.1	27	ATLANTIC-INDIAN RISE
30	04 51 43.1&	62.353 N	148.656 W	52			32	CENTRAL ALASKA. <AGS-P>.
30	04 52 22.5*	5.869 S	130.726 E	139 *	4.2	1.1	13	BANDA SEA
30	06 11 48.6*	21.117 S	174.704 W	33 N	4.7	1.0	11	TONGA ISLANDS
30	07 34 12.7	42.294 N	19.893 E	13	4.0	1.0	60	YUGOSLAVIA DUR 3.9 (TTG). Felt in southern Montenegro.
30	09 07 39.9*	13.812 S	166.412 E	33 N	4.6	1.3	10	VANUATU ISLANDS
30	09 10 51.9?	5.59 N	125.53 E	276 ?	4.3	0.9	13	MINDANAO, PHILIPPINE ISLANDS
30	09 38 52.9	42.314 N	19.872 E	10 G		0.6	9	YUGOSLAVIA
30	11 21 15.5*	0.177 S	124.392 E	77 ?	4.7	0.7	13	MOLUCCA SEA
30	11 29 04.0*	1.729 N	120.424 E	33 N	4.8	1.0	9	MINAHASSA PENINSULA
30	12 21 38.6&	33.010 N	117.770 W	6 G			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
30	13 13 45.6	28.227 N	140.606 E	33 N	4.8	1.2	24	BONIN ISLANDS REGION
30	13 23 48.7*	6.688 N	76.607 W	10 G		1.2	8	NORTHERN COLOMBIA
30	14 23 42.0	59.569 S	26.141 W	44 D	5.2 4.7	0.9	46	SOUTH SANDWICH ISLANDS REGION
30	14 36 36.2*	31.557 S	68.265 W	10 G		1.3	5	SAN JUAN PROVINCE, ARGENTINA
30	14 38 25.4	37.209 N	114.905 E	15	4.9	1.0	32	NORTHEASTERN CHINA
30	15 21 53.8	34.647 N	136.759 E	333	4.8	0.8	120	SOUTHERN HONSHU, JAPAN
30	17 29 09.4	42.333 N	19.964 E	10 G		0.5	15	YUGOSLAVIA. DUR 2.9 (TTG).
30	17 32 16.2*	3.512 S	145.352 E	33 N	4.1	1.2	10	NEAR N COAST OF PAPUA NEW GUINEA
30	17 48 13.8?	24.36 N	121.99 E	10 G		0.8	6	TAIWAN
30	18 47 29.4	42.334 N	19.975 E	10 G		0.5	12	YUGOSLAVIA. DUR 2.8 (TTG).
30	18 52 00.1*	62.282 N	124.327 W	10 G		1.0	6	NORTHWEST TERRITORIES, CANADA
30	18 56 47.2*	23.602 S	68.219 W	153 *	4.4	1.3	10	NORTHERN CHILE
30	19 05 09.4?	61.77 N	4.49 E	10 G		0.4	5	SOUTHERN NORWAY. DUR 3.0 (BER). Felt (IV) in the Sunnfjord oreo.
30	19 29 31.0	45.910 N	10.792 E	10 G		1.0	26	NORTHERN ITALY. DUR 3.4 (TRI), ML 3.7 (KBA), 3.3 (LDG).
30	20 49 54.4	32.413 N	137.400 E	392	4.7	0.8	66	SOUTH OF HONSHU, JAPAN
30	21 16 40.1	28.040 N	140.510 E	33 N		0.9	11	BONIN ISLANDS REGION
30	21 28 03.7*	62.273 N	124.227 W	10 G		1.7	6	NORTHWEST TERRITORIES, CANADA
30	22 03 31.8*	47.438 N	6.621 E	10 G		0.5	5	FRANCE
30	22 47 10.3*	35.879 N	45.717 E	10 G		1.4	6	IRAN-IRAQ BORDER REGION

ADDITIONAL SOURCE PARAMETERS

01 14 44 17.63 38.923S 176.997E 39km
5.3mb (9 obs.) 4.1Ms (1 obs.)
NORTH ISLAND, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 20C
Centroid Location:
Origin Time 14:44:25.5 1.1
Lat 38.45S 0.13 Lon 176.29E 0.15
Dep 33.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 7.44 Plg=37 Azm=308
N 0.47 2 217
P -7.91 53 124
Best Double Couple:Mo=7.7*10**23
NP1:Strike= 49 Dip= 8 Slip= -78
NP2: 216 82 -92

01 22 02 26.17 18.226N 146.427E 78km
5.5mb (54 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 22C
Centroid Location:
Origin Time 22:02:29.6 0.3
Lat 18.18N 0.03 Lon 146.63E 0.03
Dep 44.2 3.3 Half-duration 2.8
Principal Axes:
Scale 10**24 D-CM
T Val= 4.67 Plg=65 Azm=223
N 0.13 11 337
P -4.80 22 71
Best Double Couple:Mo=4.7*10**24
NP1:Strike=181 Dip=25 Slip= 116
NP2: 333 68 78

02 19 49 24.46 18.052S 175.869E 10km
5.5mb (17 obs.) 5.9Ms (17 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 27C
Centroid Location:
Origin Time 19:49:31.5 0.2
Lat 18.21S 0.03 Lon 175.99E 0.02
Dep 10.0 FIX Half-duration 4.9
Principal Axes:
Scale 10**25 D-CM
T Val= 2.48 Plg= 9 Azm=137
N -0.17 73 17
P -2.31 14 229
Best Double Couple:Mo=2.4*10**25
NP1:Strike=273 Dip=74 Slip= -4
NP2: 4 86 -163

04 21 23 08.85 13.667N 120.194E 77km
5.4mb (42 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 21:23: 8.7 0.3
Lat 13.45N 0.04 Lon 120.15E 0.06
Dep 36.4 3.5 Half-duration 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 3.70 Plg=40 Azm= 46
N -0.57 49 241
P -3.14 8 143
Best Double Couple:Mo=3.4*10**24
NP1:Strike=193 Dip=57 Slip= 26
NP2: 88 69 144

05 00 53 13.53 16.613S 177.537W 377km
5.2mb (20 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 00:52:55.1 1.3
Lat 16.53S 0.16 Lon 177.59W 0.15
Dep 266.7 5.9 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.79 Plg=33 Azm=302
N -0.50 34 58

P -6.29 39 180
Best Double Couple:Mo=6.5*10**23
NP1:Strike=335 Dip=34 Slip=-174
NP2: 240 87 -56

05 01 27 59.79 62.531N 151.380W 81km
5.1mb (59 obs.)
CENTRAL ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 01:28: 7.8 0.6
Lat 62.73N 0.10 Lon 151.00W 0.11
Dep 84.3 7.1 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 5.57 Plg=57 Azm=234
N 0.22 28 20
P -5.80 16 119
Best Double Couple:Mo=5.7*10**23
NP1:Strike=242 Dip=38 Slip= 139
NP2: 6 66 59

06 08 15 39.61 58.716S 26.223W 132km
5.7mb (29 obs.)
SOUTH SANDWICH ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 55 Dip=85 Slip= 120
NP2: 154 30 10
Principal Axes:
T Plg=42 Azm=354
P 33 120
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.
MOMENT TENSOR SOLUTION
Dep 138 No. of sta: 3
Principal Axes:
Scale 10**25 d-cm
T Val= 2.25 Plg=32 Azm= 8
N 0.70 47 235
P -2.95 25 115
Best Double Couple:Mo=2.6*10**25
NP1:Strike=154 Dip=47 Slip= 6
NP2: 60 86 137
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 43C
Centroid Location:
Origin Time 08:15:45.7 0.2
Lat 59.07S 0.02 Lon 26.18W 0.05
Dep 140.4 1.0 Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM
T Val= 1.83 Plg=35 Azm=345
N 0.09 40 220
P -1.92 31 100
Best Double Couple:Mo=1.9*10**25
NP1:Strike=134 Dip=40 Slip= 3
NP2: 42 88 130

06 16 08 54.42 40.502S 74.910W 33km
5.1mb (6 obs.) 5.1Ms (1 obs.)
OFF COAST OF SOUTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 16:08:53.3 0.8
Lat 41.00S 0.09 Lon 74.30W 0.14
Dep 15.9 5.6 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 9.71 Plg= 3 Azm=105
N -0.19 27 14
P -9.52 63 200
Best Double Couple:Mo=9.6*10**23
NP1:Strike=221 Dip=49 Slip= -52
NP2: 351 53 -125

06 22 16 15.49 16.184S 173.327W 33km
5.1mb (22 obs.) 5.0Ms (4 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C

Centroid Location:
Origin Time 22:16:18.8 0.6
Lat 16.69S 0.06 Lon 172.61W 0.05
Dep 49.9 2.9 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 11.66 Plg=18 Azm=277
N -0.31 12 183
P -11.35 68 62
Best Double Couple:Mo=1.2*10**24
NP1:Strike= 25 Dip=29 Slip= -65
NP2: 177 64 -103

07 08 26 21.44 40.310N 42.307E 33km
5.1mb (66 obs.) 4.2Ms (2 obs.)
TURKEY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 08:26:18.2 2.1
Lat 39.75N 0.25 Lon 41.68E 0.22
Dep 10.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.08 Plg=37 Azm= 87
N 0.49 52 286
P -7.57 9 184
Best Double Couple:Mo=7.3*10**23
NP1:Strike=233 Dip=58 Slip= 22
NP2: 131 72 146

07 19 12 31.01 35.257S 179.347W 44km
6.2mb (41 obs.) 6.3Ms (22 obs.)
EAST OF NORTH ISLAND, N.Z.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=235 Dip=50 Slip= 90
NP2: 55 40 90
Principal Axes:
T Plg=85 Azm=145
P 5 325
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 65 No. of sta: 9
Principal Axes:
Scale 10**25 d-cm
T Val= 7.60 Plg=81 Azm=271
N -1.02 8 69
P -6.58 3 160
Best Double Couple:Mo=7.1*10**25
NP1:Strike=258 Dip=42 Slip= 102
NP2: 62 49 79
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 56C M.W.: 10S, 26C
Centroid Location:
Origin Time 19:12:39.1 0.2
Lat 35.08S 0.02 Lon 179.08W 0.02
Dep 55.9 0.7 Half-duration 7.2
Principal Axes:
Scale 10**25 D-CM
T Val= 7.14 Plg=80 Azm=268
N 0.22 6 32
P -7.36 8 123
Best Double Couple:Mo=7.3*10**25
NP1:Strike=220 Dip=37 Slip= 99
NP2: 28 54 83

07 23 34 34.39 7.698N 137.026E 34km
5.8mb (35 obs.) 5.7Ms (13 obs.)
WEST CAROLINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 75 Dip=60 Slip= 135
NP2: 192 52 39
Principal Axes:
T Plg=52 Azm= 39
P 5 135
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.
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 9
Principal Axes:

Scale 10**25 d-cm
T Val= 4.09 Plg=54 Azm=321
N -0.01 10 65
P -4.08 34 162
Best Double Couple:Mo=4.1*10**25
NP1:Strike=288 Dip=14 Slip= 134
NP2: 63 80 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 34C
Centroid Location:
Origin Time 23:34:37.6 0.3
Lat 7.74N 0.03 Lon 137.25E 0.04
Dep 10.0 FIX Half-duration 3.8
Principal Axes:
Scale 10**25 D-CM
T Val= 1.49 Plg=81 Azm=343
N -0.15 4 225
P -1.34 8 134
Best Double Couple:Mo=1.4*10**25
NP1:Strike=219 Dip=37 Slip= 83
NP2: 48 53 95

08 18 40 24.85 27.957N 140.607E 42km
5.8mb (86 obs.) 6.1Msz (18 obs.)
BONIN ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=225 Dip=62 Slip= -10
NP2: 320 81 -152
Principal Axes:
T Plg=13 Azm= 89
P 26 186
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 2 No. of sta: 8
Principal Axes:
Scale 10**25 d-cm
T Val= 2.46 Plg=18 Azm=107
N -0.25 25 8
P -2.21 59 229
Best Double Couple:Mo=2.3*10**25
NP1:Strike=230 Dip=34 Slip= -43
NP2: 357 67 -117
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C
Centroid Location:
Origin Time 18:40:26.6 0.3
Lat 27.87N 0.03 Lon 140.18E 0.03
Dep 10.0 BDY Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM
T Val= 2.35 Plg=15 Azm=101
N -0.79 19 6
P -1.56 66 226
Best Double Couple:Mo=1.9*10**25
NP1:Strike=216 Dip=35 Slip= -55
NP2: 355 62 -112

08 20 02 04.85 27.800N 140.624E 41km
5.2mb (27 obs.)
BONIN ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 20:02: 6.9 1.1
Lat 28.15N 0.14 Lon 140.37E 0.11
Dep 10.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 5.22 Plg= 4 Azm=274
N -1.12 20 182
P -4.10 70 13
Best Double Couple:Mo=4.7*10**24
NP1:Strike= 24 Dip=45 Slip= -61
NP2: 166 52 -116

09 12 56 12.13 9.818S 123.739E 26km
5.5mb (26 obs.) 5.5Msz (6 obs.)
TIMOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 12:56:14.3 1.1
Lat 10.14S 0.09 Lon 123.65E 0.05

Dep 49.5 3.5 Half-duration 2.8
Principal Axes:
Scale 10**24 D-CM
T Val= 5.75 Plg= 0 Azm=274
N -1.08 72 183
P -4.67 18 4
Best Double Couple:Mo=5.2*10**24
NP1:Strike= 48 Dip=77 Slip= -12
NP2: 141 78 -167

09 22 13 27.06 27.851S 66.750W 175km
5.4mb (21 obs.)
CATAMARCA PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 22:13:30.8 0.7
Lat 27.55S 0.08 Lon 66.41W 0.11
Dep 165.2 3.6 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 10.08 Plg=16 Azm= 51
N 0.30 25 314
P -10.38 60 170
Best Double Couple:Mo=1.0*10**24
NP1:Strike=172 Dip=37 Slip= -45
NP2: 301 65 -117

09 23 30 42.98 41.262N 23.988E 22km
5.4mb (58 obs.) 5.3Msz (2 obs.)
GREECE-BULGARIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 23:30:47.7 0.6
Lat 41.24N 0.08 Lon 24.12E 0.16
Dep 20.6 5.0 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 7.39 Plg=12 Azm=162
N 0.31 3 72
P -7.70 78 329
Best Double Couple:Mo=7.6*10**23
NP1:Strike=256 Dip=33 Slip= -85
NP2: 70 57 -93

10 12 39 50.90 4.203N 32.477W 10km
5.2mb (41 obs.) 5.4Msz (12 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C
Centroid Location:
Origin Time 12:39:56.8 0.2
Lat 4.57N 0.03 Lon 31.96W 0.02
Dep 10.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 6.93 Plg=14 Azm=267
N -0.24 8 175
P -6.69 74 58
Best Double Couple:Mo=6.8*10**24
NP1:Strike= 7 Dip=31 Slip= -75
NP2: 170 60 -99

10 19 40 34.08 29.010S 13.165W 10km
5.5mb (38 obs.) 5.4Msz (6 obs.)
SOUTH ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 19:40:39.7 0.7
Lat 29.07S 0.07 Lon 12.20W 0.06
Dep 10.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 2.67 Plg=12 Azm=254
N -0.05 16 347
P -2.62 70 127
Best Double Couple:Mo=2.6*10**24
NP1:Strike=324 Dip=35 Slip= -118
NP2: 177 59 -72

12 03 34 18.35 36.499S 98.158W 10km
5.6mb (31 obs.) 5.7Msz (15 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 42C
Centroid Location:

Origin Time 03:34:22.6 0.1
Lat 36.50S 0.02 Lon 97.93W 0.02
Dep 13.7 2.0 Half-duration 5.5
Principal Axes:
Scale 10**25 D-CM
T Val= 3.70 Plg=11 Azm= 48
N -0.53 73 177
P -3.17 13 315
Best Double Couple:Mo=3.4*10**25
NP1:Strike= 92 Dip=73 Slip= -178
NP2: 2 88 -17

14 02 11 45.67 28.912S 13.109W 10km
5.3mb (38 obs.) 4.9Msz (4 obs.)
SOUTH ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 02:11:53.2 0.6
Lat 28.98S 0.08 Lon 12.62W 0.06
Dep 10.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 2.01 Plg= 1 Azm=263
N -0.17 27 354
P -1.85 63 172
Best Double Couple:Mo=1.9*10**24
NP1:Strike=329 Dip=50 Slip= -126
NP2: 198 52 -54

14 22 17 44.57 54.756N 159.787W 33km
5.5mb (77 obs.) 5.7Msz (19 obs.)
SOUTH OF ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 31C
Centroid Location:
Origin Time 22:17:55.1 0.3
Lat 54.40N 0.03 Lon 159.34W 0.05
Dep 39.9 1.8 Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM
T Val= 1.37 Plg=73 Azm=343
N 0.17 2 246
P -1.54 17 155
Best Double Couple:Mo=1.4*10**25
NP1:Strike=242 Dip=28 Slip= 86
NP2: 67 62 92

16 00 23 50.91 51.582N 177.262E 33km
5.4mb (74 obs.) 4.9Msz (9 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 30C
Centroid Location:
Origin Time 00:23:52.4 0.5
Lat 51.74N 0.04 Lon 176.89E 0.08
Dep 45.0 3.7 Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.44 Plg=67 Azm=309
N 0.33 16 83
P -1.77 16 178
Best Double Couple:Mo=1.6*10**24
NP1:Strike=290 Dip=32 Slip= 122
NP2: 74 63 72

16 04 12 18.83 38.577S 78.368E 10km
5.8mb (21 obs.) 6.4Msz (7 obs.)
MID-INDIAN RISE
MOMENT TENSOR SOLUTION
Dep 3 No. of sta: 8
Principal Axes:
Scale 10**25 d-cm
T Val= 5.19 Plg=30 Azm= 80
N -0.13 58 242
P -5.06 8 345
Best Double Couple:Mo=5.1*10**25
NP1:Strike=119 Dip=63 Slip= 163
NP2: 217 75 28
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 51C
Centroid Location:
Origin Time 04:12:31.9 0.2
Lat 38.35S 0.02 Lon 78.05E 0.02
Dep 10.0 FIX Half-duration 6.3
Principal Axes:
Scale 10**25 D-CM
T Val= 5.77 Plg= 8 Azm= 87
N -0.55 76 320

P -5.22 11 179
Best Double Couple:Mo=5.5*10**25
NP1:Strike=223 Dip=76 Slip= -2
NP2: 313 88 -166

16 23 30 10.82 17.598S 178.748W 559km
5.1mb (19 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 16C
Centroid Location:
Origin Time 23:30:22.3 1.6
Lot 17.00S 0.13 Lon 178.69W 0.12
Dep 568.6 5.9 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 12.06 Plg= 9 Azm=128
N 0.85 38 32
P -12.91 51 229
Best Double Couple:Mo=1.2*10**24
NP1:Strike=254 Dip=49 Slip= -36
NP2: 9 64 -133

17 05 50 19.80 4.063S 136.202E 10km
5.4mb (18 obs.) 5.2Msz (1 obs.)
WEST IRIAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 05:50:22.7 1.6
Lot 4.27S 0.15 Lon 136.10E 0.10
Dep 10.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.31 Plg=34 Azm=329
N 0.75 56 137
P -10.06 5 235
Best Double Couple:Mo=9.7*10**23
NP1:Strike= 7 Dip=63 Slip= 159
NP2: 107 71 29

17 09 40 21.29 1.639S 134.911E 10km
6.0mb (34 obs.) 7.1Msz (22 obs.)
WEST IRIAN REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=360 Dip=87 Slip=-180
NP2: 90 90 -357
Principal Axes:
T Plg= 2 Azm=315
P 2 225
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 6 No. of sto: 6
Principal Axes:
Scale 10**26 d-cm
T Val= 5.09 Plg= 9 Azm=319
N 0.00 81 150
P -5.09 2 49
Best Double Couple:Mo=5.1*10**26
NP1:Strike= 94 Dip=83 Slip= 5
NP2: 4 85 173
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 52C M.W.: 16S, 38C
Centroid Location:
Origin Time 09:40:36.4 0.1
Lot 1.63S 0.01 Lon 134.71E 0.01
Dep 13.3 1.1 Half-duration 12.4
Principal Axes:
Scale 10**26 D-CM
T Val= 4.99 Plg=22 Azm=138
N -0.08 63 282
P -4.91 14 42
Best Double Couple:Mo=4.9*10**26
NP1:Strike=179 Dip=64 Slip= 174
NP2: 271 85 26

17 14 20 53.59 1.668S 134.424E 10km
5.6mb (29 obs.) 5.6Msz (6 obs.)
WEST IRIAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 28C
Centroid Location:
Origin Time 14:21: 3.7 1.3
Lot 1.21S 0.13 Lon 134.16E 0.08
Dep 10.0 BDY Half-duration 3.5

Principal Axes:
Scale 10**25 D-CM
T Val= 1.39 Plg=11 Azm=278
N -0.23 64 164
P -1.16 23 13
Best Double Couple:Mo=1.3*10**25
NP1:Strike= 54 Dip=66 Slip= -8
NP2: 147 82 -156

17 20 50 51.83 25.065S 112.171W 10km
5.1mb (8 obs.) 5.3Msz (5 obs.)
EASTER ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 20:50:58.6 0.3
Lot 25.40S 0.05 Lon 112.28W 0.04
Dep 10.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 2.99 Plg= 3 Azm= 89
N -0.60 81 200
P -2.39 8 358
Best Double Couple:Mo=2.7*10**24
NP1:Strike=134 Dip=82 Slip=-177
NP2: 43 87 -8

18 18 18 34.71 32.298S 13.364W 10km
5.4mb (44 obs.) 5.5Msz (8 obs.)
SOUTH ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Location:
Origin Time 18:18:43.0 0.4
Lot 32.19S 0.05 Lon 13.24W 0.05
Dep 10.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**24 D-CM
T Val= 3.36 Plg= 6 Azm=118
N -0.44 79 352
P -2.92 9 209
Best Double Couple:Mo=3.1*10**24
NP1:Strike=253 Dip=79 Slip= -2
NP2: 343 88 -169

19 08 20 15.32 9.007S 157.913E 10km
5.2mb (8 obs.) 5.0Msz (1 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 08:20:20.1 0.5
Lot 8.74S 0.09 Lon 157.58E 0.08
Dep 19.8 5.2 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.46 Plg=61 Azm= 77
N 0.28 13 321
P -1.74 25 225
Best Double Couple:Mo=1.6*10**24
NP1:Strike=288 Dip=23 Slip= 54
NP2: 146 71 104

19 14 03 34.67 28.666N 128.875E 135km
5.5mb (76 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 20C
Centroid Location:
Origin Time 14:03:37.4 0.9
Lot 28.63N 0.11 Lon 128.81E 0.14
Dep 127.0 6.1 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.89 Plg=64 Azm=354
N 0.36 12 236
P -8.24 22 141
Best Double Couple:Mo=8.1*10**23
NP1:Strike=209 Dip=26 Slip= 60
NP2: 61 68 103

20 05 14 26.89 43.744N 148.569E 35km
5.1mb (41 obs.) 4.8Msz (2 obs.)
KURIL ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 16C
Centroid Location:
Origin Time 05:14:30.8 1.8

Lot 43.58N 0.16 Lon 148.56E 0.32
Dep 24.911.6 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 5.57 Plg=56 Azm=249
N -0.36 25 23
P -5.20 21 123
Best Double Couple:Mo=5.4*10**23
NP1:Strike=249 Dip=32 Slip= 141
NP2: 13 71 64

21 02 27 18.75 2.374N 126.729E 68km
5.4mb (30 obs.)
MOLUCCA PASSAGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 02:27:23.2 0.7
Lot 2.16N 0.07 Lon 127.10E 0.08
Dep 46.9 6.5 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.62 Plg=58 Azm= 78
N -0.34 20 203
P -1.28 24 303
Best Double Couple:Mo=1.4*10**24
NP1:Strike= 68 Dip=28 Slip= 138
NP2: 197 72 69

21 18 44 25.05 20.803S 178.018W 526km
5.3mb (41 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 18:44:29.8 0.8
Lot 20.77S 0.14 Lon 178.17W 0.10
Dep 528.6 4.6 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 10.59 Plg=39 Azm=136
N 2.58 10 38
P -13.18 49 296
Best Double Couple:Mo=1.2*10**24
NP1:Strike=282 Dip=11 Slip= -25
NP2: 37 85 -100

21 21 57 14.92 41.703N 19.388E 25km
5.5mb (44 obs.) 5.3Msz (7 obs.)
ALBANIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 21:57:19.2 0.6
Lot 41.49N 0.07 Lon 19.69E 0.09
Dep 10.1 2.5 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 2.46 Plg=62 Azm= 76
N -0.27 9 330
P -2.19 26 236
Best Double Couple:Mo=2.3*10**24
NP1:Strike=306 Dip=20 Slip= 65
NP2: 153 72 99

22 08 45 25.17 5.933S 149.429E 50km
5.6mb (27 obs.) 6.0Msz (20 obs.)
NEW BRITAIN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 36C
Centroid Location:
Origin Time 08:45:31.3 0.2
Lot 6.28S 0.02 Lon 149.44E 0.02
Dep 63.0 1.8 Half-duration 4.6
Principal Axes:
Scale 10**25 D-CM
T Val= 2.09 Plg=81 Azm= 7
N -0.10 1 100
P -1.99 9 190
Best Double Couple:Mo=2.0*10**25
NP1:Strike=281 Dip=36 Slip= 91
NP2: 100 54 89

23 12 45 06.17 59.706S 148.690W 10km
5.6mb (5 obs.) 4.6Msz (1 obs.)
SOUTH PACIFIC CORDILLERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C

Centroid Location:
 Origin Time 12:45:14.9 0.4
 Lat 59.72S FIX; Lon 148.70W FIX
 Dep 10.0 FIX Half-duration 1.5
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 6.27 Plg= 2 Azm=231
 N 0.39 26 140
 P -6.65 64 324
 Best Double Couple: Mo=6.5*10**23
 NP1: Strike=345 Dip=49 Slip= -54
 NP2: 117 52 -124

23 16 25 30.59 13.647N 144.620E 136km
 5.2mb (34 obs.)
 MARIANA ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 7S, 16C
 Centroid Location:
 Origin Time 16:25:34.7 1.0
 Lat 13.07N 0.10 Lon 144.78E 0.13
 Dep 134.5 4.9 Half-duration 1.3
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 6.34 Plg=64 Azm=317
 N -1.44 4 55
 P -4.90 25 147
 Best Double Couple: Mo=5.6*10**23
 NP1: Strike=245 Dip=20 Slip= 101
 NP2: 54 70 86

24 10 42 51.48 9.174N 40.623W 10km
 5.1mb (18 obs.) 4.3Msz (1 obs.)
 CENTRAL MID-ATLANTIC RIDGE
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 9S, 22C
 Centroid Location:
 Origin Time 10:42:59.7 0.7
 Lat 9.29N 0.09 Lon 40.28W 0.09
 Dep 10.0 FIX Half-duration 1.4
 Principal Axes:
 Scale 10**23 D-CM
 T Vol= 5.78 Plg=16 Azm= 96
 N 0.07 4 5
 P -5.84 74 260
 Best Double Couple: Mo=5.8*10**23
 NP1: Strike=192 Dip=29 Slip= -81
 NP2: 2 61 -95

26 01 19 04.95 55.102S 146.345E 10km
 5.0mb (5 obs.)
 WEST OF MACQUARIE ISLAND
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 24C
 Centroid Location:
 Origin Time 01:19:10.6 0.5
 Lat 55.11S 0.07 Lon 146.15E 0.08
 Dep 10.0 FIX Half-duration 1.8
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 1.97 Plg= 4 Azm= 32
 N -0.25 76 286
 P -1.72 14 123
 Best Double Couple: Mo=1.9*10**24
 NP1: Strike=166 Dip=77 Slip= -7
 NP2: 258 83 -167

26 06 18 59.39 21.983S 175.043W 44km
 5.4mb (20 obs.)
 TONGA ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 14S, 32C
 Centroid Location:
 Origin Time 06:19: 4.7 0.7
 Lat 21.90S 0.06 Lon 174.58W 0.06
 Dep 19.1 2.8 Half-duration 2.0
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 1.70 Plg=70 Azm=286
 N 0.31 2 22
 P -2.01 19 113
 Best Double Couple: Mo=1.9*10**24
 NP1: Strike=207 Dip=26 Slip= 95
 NP2: 21 64 88

26 10 05 03.50 24.139N 125.177E 21km
 5.5mb (50 obs.) 5.9Msz (4 obs.)
 SOUTHWESTERN RYUKYU ISLANDS
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 14S, 28C
 Centroid Location:
 Origin Time 10:05: 7.3 0.3
 Lat 24.11N 0.05 Lon 125.13E 0.07
 Dep 10.0 FIX Half-duration 2.0
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 4.64 Plg=4B Azm=301
 N 0.18 11 44
 P -4.82 40 143
 Best Double Couple: Mo=4.7*10**24
 NP1: Strike=292 Dip=12 Slip= 158
 NP2: 43 86 79

27 04 18 04.00 21.088S 178.988W 608km
 5.3mb (39 obs.)
 FIJI ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 14S, 27C
 Centroid Location:
 Origin Time 04:18:11.1 0.5
 Lat 21.01S 0.05 Lon 179.18W 0.05
 Dep 627.4 2.8 Half-duration 2.3
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 2.52 Plg=42 Azm=145
 N 0.48 7 242
 P -2.99 48 339
 Best Double Couple: Mo=2.8*10**24
 NP1: Strike=175 Dip= 7 Slip= -157
 NP2: 62 87 -83

27 15 08 57.72 13.882N 90.939W 74km
 5.1mb (55 obs.)
 NEAR COAST OF GUATEMALA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 23C
 Centroid Location:
 Origin Time 15:08:52.9 0.5
 Lat 13.51N 0.09 Lon 91.21W 0.10
 Dep 58.0 3.8 Half-duration 2.1
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 2.65 Plg=19 Azm= 36
 N -0.40 35 140
 P -2.25 48 283
 Best Double Couple: Mo=2.4*10**24
 NP1: Strike= 84 Dip=40 Slip= -153
 NP2: 333 73 -53

28 00 13 59.66 11.758N 61.389W 72km
 5.3mb (59 obs.)
 WINDWARD ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 27C
 Centroid Location:
 Origin Time 00:14: 6.2 0.4
 Lat 12.10N 0.05 Lon 60.95W 0.04
 Dep 49.0 3.9 Half-duration 2.2
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 2.16 Plg=64 Azm=227
 N 0.12 15 350
 P -2.28 21 86
 Best Double Couple: Mo=2.2*10**24
 NP1: Strike=201 Dip=27 Slip= 124
 NP2: 344 68 74

28 02 25 42.34 14.043S 166.240E 33km
 6.0mb (46 obs.) 7.0Msz (24 obs.)
 VANUATU ISLANDS
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike= 27 Dip=85 Slip= -90
 NP2: 207 5 -90
 Principal Axes:
 T Plg=40 Azm=117
 P 50 297
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to normal
 faulting. The preferred fault
 plane is NP1.
 MOMENT TENSOR SOLUTION
 Dep 8 No. of sta: 10
 Principal Axes:
 Scale 10**26 d-cm
 T Vol= 2.56 Plg=40 Azm=117
 N 0.15 6 22
 P -2.71 50 284

Best Double Couple: Mo=2.6*10**26
 NP1: Strike=253 Dip= 8 Slip= -38
 NP2: 21 85 -96
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 20S, 54C
 Centroid Location:
 Origin Time 02:25:51.6 0.1
 Lat 14.07S 0.02 Lon 166.09E 0.02
 Dep 24.2 1.1 Half-duration 8.5
 Principal Axes:
 Scale 10**26 D-CM
 T Vol= 3.18 Plg=10 Azm= 85
 N -0.37 11 177
 P -2.81 75 312
 Best Double Couple: Mo=3.0*10**26
 NP1: Strike=161 Dip=36 Slip= -109
 NP2: 4 56 -77

28 03 49 54.15 13.987S 166.185E 33km
 6.3mb (48 obs.) 7.1Msz (18 obs.)
 VANUATU ISLANDS
 MOMENT TENSOR SOLUTION
 Dep 39 No. of sta: 5
 Principal Axes:
 Scale 10**26 d-cm
 T Vol= 3.70 Plg=24 Azm=129
 N -0.01 58 265
 P -3.70 20 30
 Best Double Couple: Mo=3.7*10**26
 NP1: Strike=169 Dip=59 Slip= 177
 NP2: 260 88 31
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 21S, 55C
 Centroid Location:
 Origin Time 03:50: 8.2 0.3
 Lat 13.76S 0.03 Lon 166.08E 0.02
 Dep 44.4 2.5 Half-duration 12.1
 Principal Axes:
 Scale 10**26 D-CM
 T Vol= 4.16 Plg=24 Azm=123
 N -1.05 65 320
 P -3.12 7 216
 Best Double Couple: Mo=3.6*10**26
 NP1: Strike=262 Dip=68 Slip= 13
 NP2: 167 78 158

28 06 37 47.27 13.905S 166.291E 33km
 5.6mb (21 obs.) 5.8Msz (1 obs.)
 VANUATU ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 14S, 21C
 Centroid Location:
 Origin Time 06:37:56.6 1.3
 Lat 13.46S 0.10 Lon 165.57E 0.11
 Dep 10.0 FIX Half-duration 3.4
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 7.85 Plg= 0 Azm= 98
 N -0.51 0 8
 P -7.35 90 180
 Best Double Couple: Mo=7.6*10**24
 NP1: Strike=188 Dip=45 Slip= -90
 NP2: 8 45 -90

28 14 54 42.31 4.257S 152.887E 40km
 5.4mb (18 obs.) 5.3Msz (3 obs.)
 NEW BRITAIN REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 31C
 Centroid Location:
 Origin Time 14:54:45.3 0.3
 Lat 4.44S 0.06 Lon 152.67E 0.05
 Dep 41.3 4.4 Half-duration 2.3
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 2.74 Plg=48 Azm=339
 N 0.30 36 124
 P -3.04 18 228
 Best Double Couple: Mo=2.9*10**24
 NP1: Strike=359 Dip=42 Slip= 152
 NP2: 110 72 51

28 17 59 43.82 14.140S 166.217E 33km
 5.2mb (10 obs.)
 VANUATU ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 26C
 Centroid Location:

Origin Time 17:59:49.6 0.8	NP2: 11 65 -78	Lat 28.82S 0.10 Lon 61.32E 0.09
Lot 13.95S 0.07 Lon 165.93E 0.10		Dep 10.0 FIX Half-duration 1.8
Dep 22.8 6.4 Half-duration 1.8	29 04 02 12.26 22.766S 63.663W 532km	Principal Axes:
Principal Axes:	5.2mb (57 obs.)	Scale 10**24 D-CM
Scale 10**24 D-CM	SALTA PROVINCE, ARGENTINA	T Vol= 1.78 Plg=19 Azm=144
T Vol= 1.61 Plg=18 Azm=274	CENTROID, MOMENT TENSOR (HRV)	N -0.29 3 234
N -0.29 10 180	Data Used: GDSN	P -1.49 70 332
P -1.31 69 61	L.P.B.: 14S, 26C	Best Double Couple: Mo=1.6*10**24
Best Double Couple: Mo=1.5*10**24	Centroid Location:	NP1: Strike=229 Dip=26 Slip= -96
NP1: Strike= 20 Dip=29 Slip= -68	Origin Time 04:02:20.4 0.5	NP2: 56 64 -87
NP2: 175 63 -102	Lat 22.77S 0.06 Lon 63.63W 0.08	
	Dep 550.6 3.0 Half-duration 1.8	30 03 04 18.83 16.366S-174.197W 165km
28 19 04 16.06 13.809S 166.113E 33km	Principal Axes:	5.7mb (61 obs.)
5.2mb (10 obs.) 4.9Msz (1 obs.)	Scale 10**24 D-CM	TONGA ISLANDS
VANUATU ISLANDS	T Vol= 1.88 Plg=31 Azm=301	CENTROID, MOMENT TENSOR (HRV)
CENTROID, MOMENT TENSOR (HRV)	N -0.15 26 194	Data Used: GDSN
Data Used: GDSN	P -1.73 47 72	L.P.B.: 17S, 38C
L.P.B.: 10S, 17C	Best Double Couple: Mo=1.8*10**24	Centroid Location:
Centroid Location:	NP1: Strike= 83 Dip=28 Slip= -18	Origin Time 03:04:26.6 0.2
Origin Time 19:04:19.1 1.0	NP2: 189 81 -117	Lat 16.34S 0.03 Lon 174.19W 0.03
Lot 14.32S 0.09 Lon 166.29E 0.11		Dep 179.1 1.0 Half-duration 3.7
Dep 43.0 8.5 Half-duration 1.7	29 14 01 20.08 39.707S 15.847W 10km	Principal Axes:
Principal Axes:	5.4mb (4 obs.)	Scale 10**24 D-CM
Scale 10**23 D-CM	TRISTAN DA CUNHA REGION	T Vol= 11.06 Plg=52 Azm=201
T Vol= 10.18 Plg=14 Azm=101	CENTROID, MOMENT TENSOR (HRV)	N -0.29 30 338
N -3.09 6 9	Data Used: GDSN	P -10.77 22 81
P -7.10 75 255	L.P.B.: 12S, 22C	Best Double Couple: Mo=1.1*10**25
Best Double Couple: Mo=8.6*10**23	Centroid Location:	NP1: Strike=212 Dip=35 Slip= 150
NP1: Strike=200 Dip=32 Slip= -78	Origin Time 14:01:27.1 0.8	NP2: 327 73 58
NP2: 6 59 -97	Lat 39.72S FIX; Lon 15.94W FIX	
	Dep 10.0 FIX Half-duration 1.4	30 04 22 30.85 21.073S 179.009W 627km
29 01 09 48.15 13.905S 166.163E 33km	Principal Axes:	5.1mb (30 obs.)
5.2mb (13 obs.) 5.2Msz (2 obs.)	Scale 10**23 D-CM	FIJI ISLANDS REGION
VANUATU ISLANDS	T Vol= 5.01 Plg= 9 Azm= 96	CENTROID, MOMENT TENSOR (HRV)
CENTROID, MOMENT TENSOR (HRV)	N -1.23 8 5	Data Used: GDSN
Data Used: GDSN	P -3.78 78 233	L.P.B.: 11S, 16C
L.P.B.: 14S, 31C	Best Double Couple: Mo=4.4*10**23	Centroid Location:
Centroid Location:	NP1: Strike=195 Dip=37 Slip= -77	Origin Time 04:22:34.1 1.0
Origin Time 01:09:51.2 0.5	NP2: 359 54 -100	Lat 20.83S 0.10 Lon 178.64W 0.11
Lot 13.81S 0.05 Lon 166.03E 0.06		Dep 662.1 0.4 Half-duration 1.8
Dep 21.7 3.6 Half-duration 2.0	30 02 28 11.53 29.235S 61.253E 10km	Principal Axes:
Principal Axes:	5.6mb (61 obs.) 5.3Msz (2 obs.)	Scale 10**24 D-CM
Scale 10**24 D-CM	ATLANTIC-INDIAN RISE	T Vol= 1.12 Plg= 9 Azm=233
T Vol= 1.98 Plg=19 Azm= 92	CENTROID, MOMENT TENSOR (HRV)	N 0.23 14 141
N -0.05 11 186	Data Used: GDSN	P -1.35 74 354
P -1.85 68 304	L.P.B.: 15S, 32C	Best Double Couple: Mo=1.2*10**24
Best Double Couple: Mo=1.9*10**24	Centroid Location:	NP1: Strike=340 Dip=38 Slip= -67
NP1: Strike=164 Dip=28 Slip= -114	Origin Time 02:28:16.7 0.6	NP2: 131 55 -107

Compiled by Willis S. Jacobs, Leonard E. Kerry, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave and William H. Schmieder.

Corrections to Monthly Listings for February and April, 1984

1. Delete event of 05:41:06.7 UTC on February 29, 1984.
2. Delete event of 00:07:12.9 UTC on April 25, 1984.

ANNOUNCEMENT

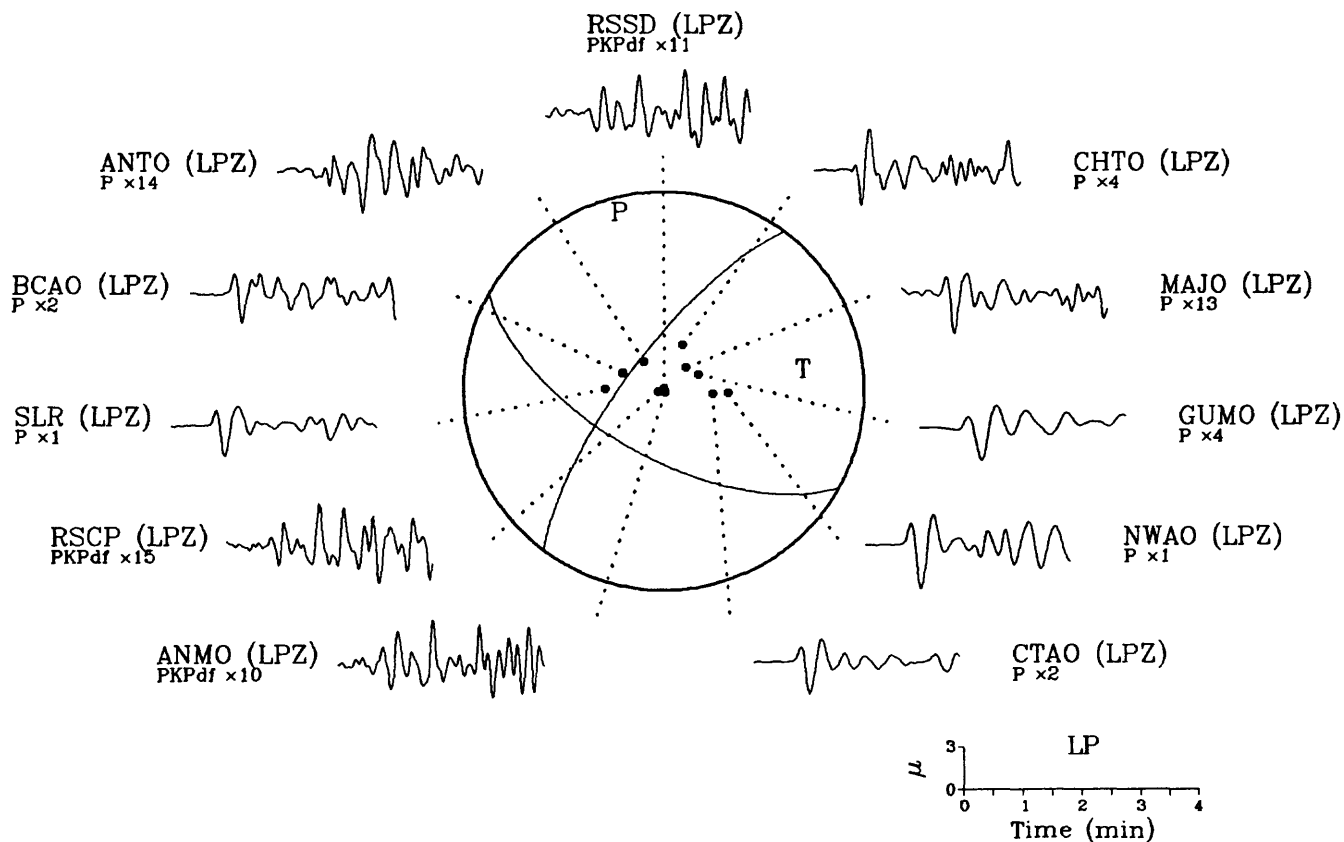
NEW TELEX NUMBER FOR NATIONAL EARTHQUAKE INFORMATION CENTER

Effective with this announcement, all telex traffic including data messages should be addressed to:

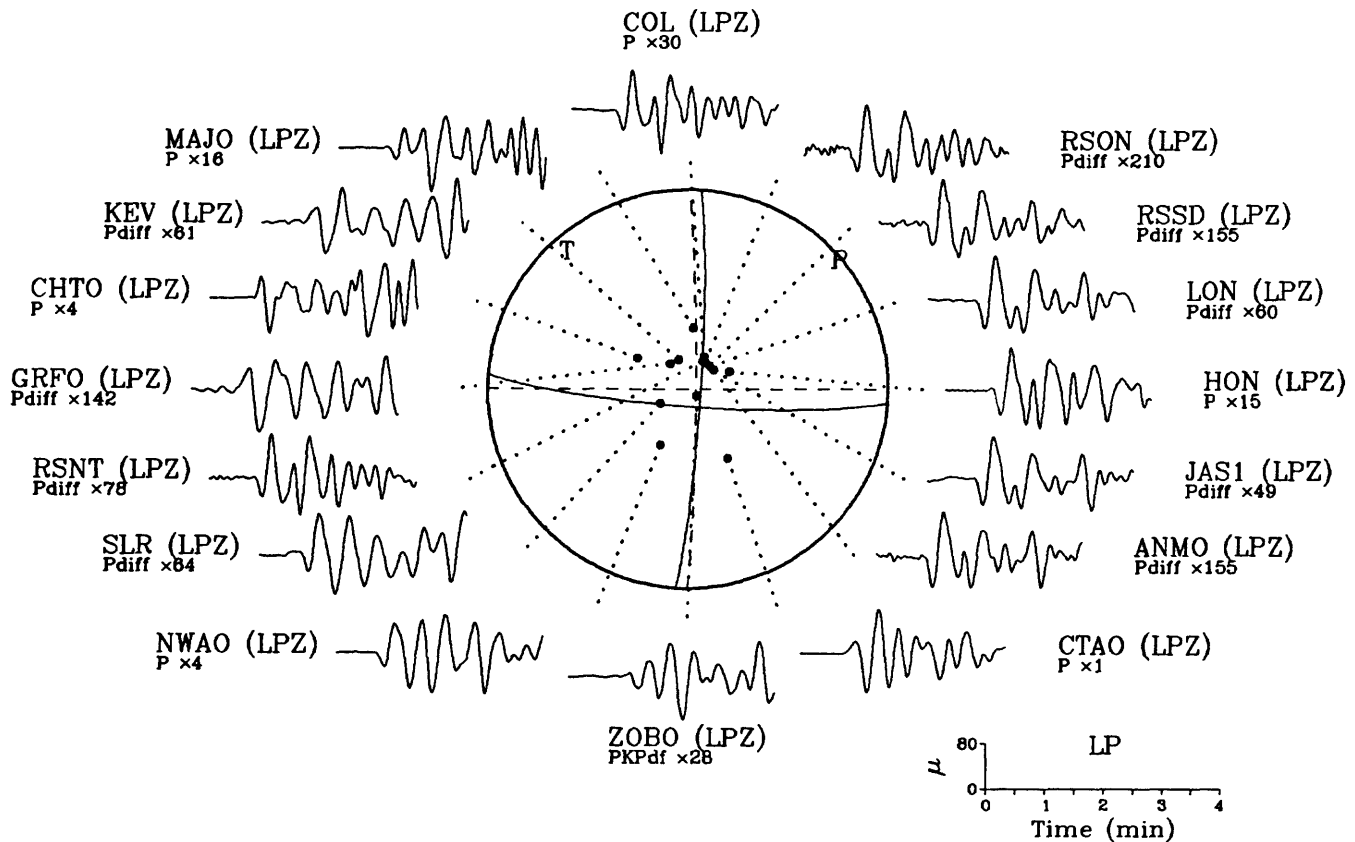
(WUTCO) 5106014123ESL UD

instead of to the former address, (WUTCO) 45509 NEIS GLDN. This change affects data messages as well as routine telex communications with NEIC and other USGS Earthquake Studies offices which are located on the Colorado School of Mines campus in Golden.

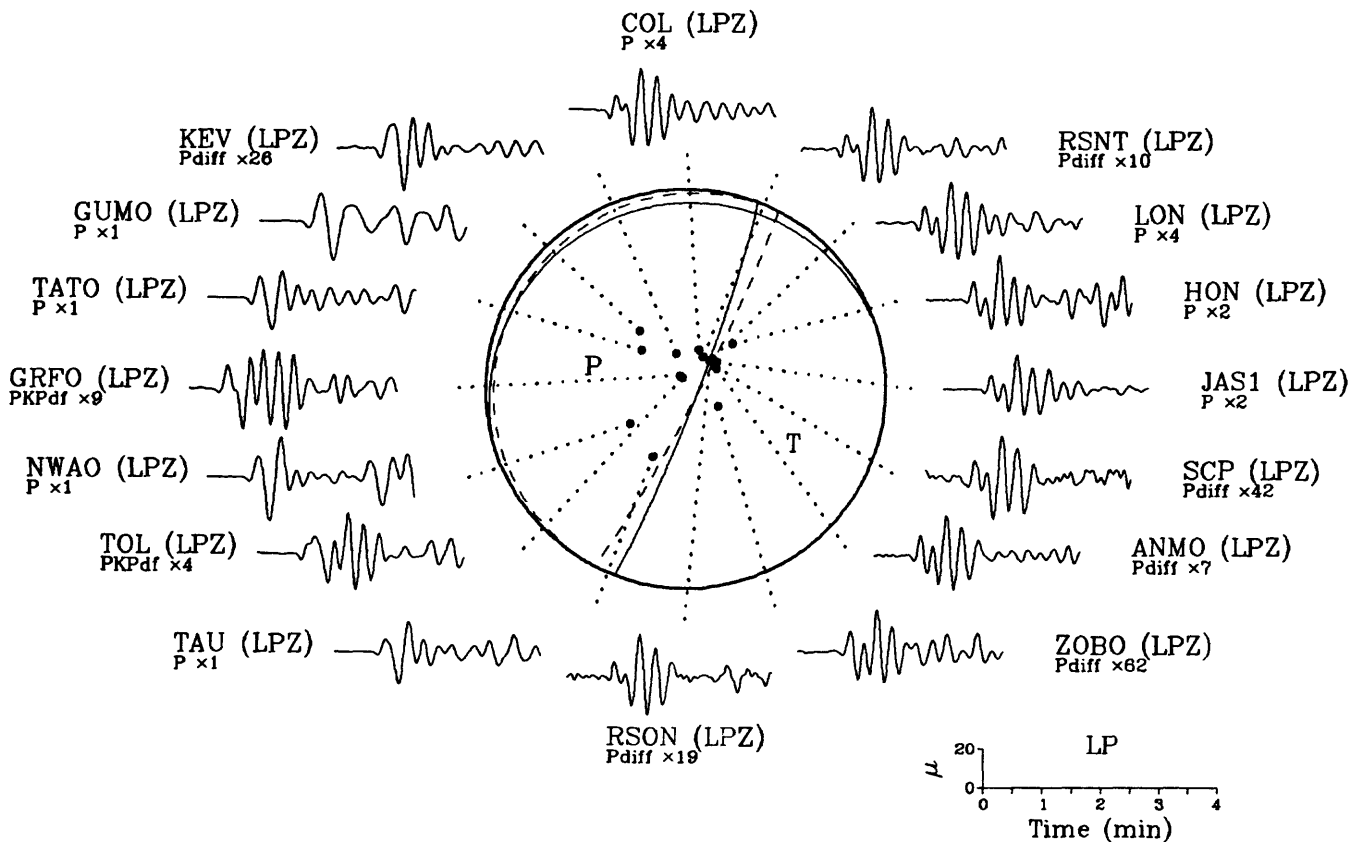
Please note that this change has no effect, repeat no effect on data sent via the World Meteorological Organization GTS or via American Embassies. Organizations sending data via WMO/GTS or Embassies should not make any change to the routing of those messages.

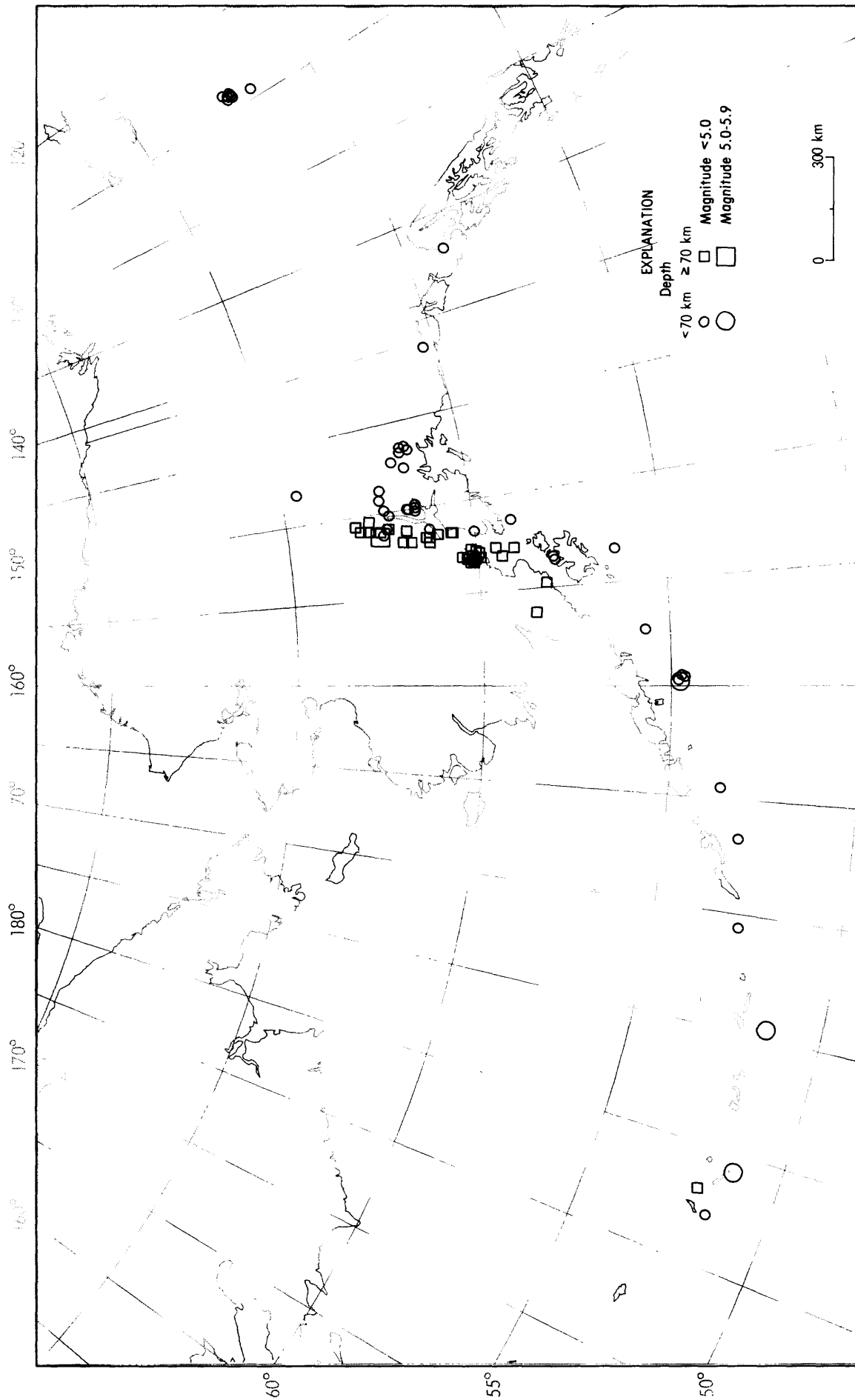


17 November 1985 09:40:21.29
West Irian Region

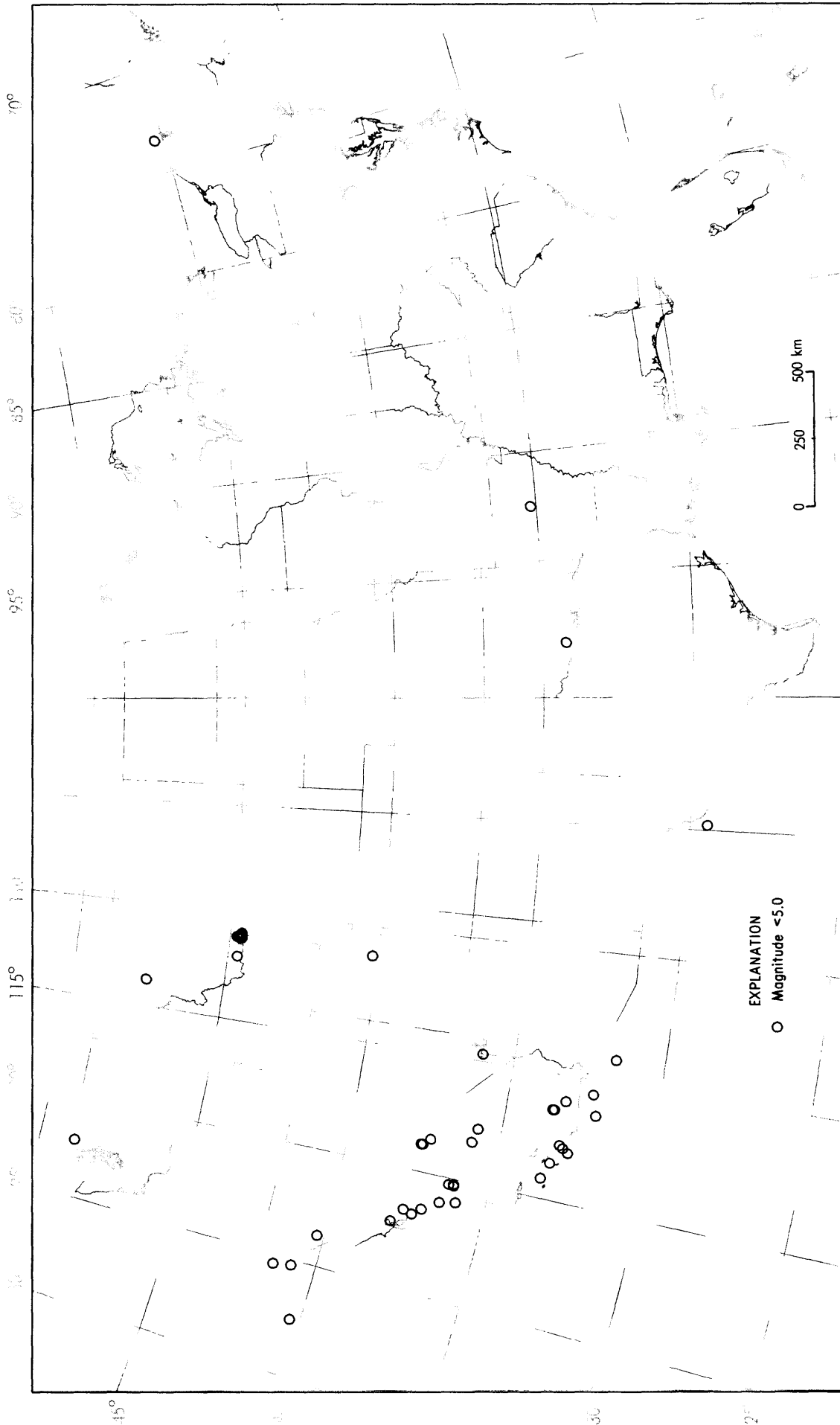


28 November 1985 02:25:42.34
Vanuatu Islands

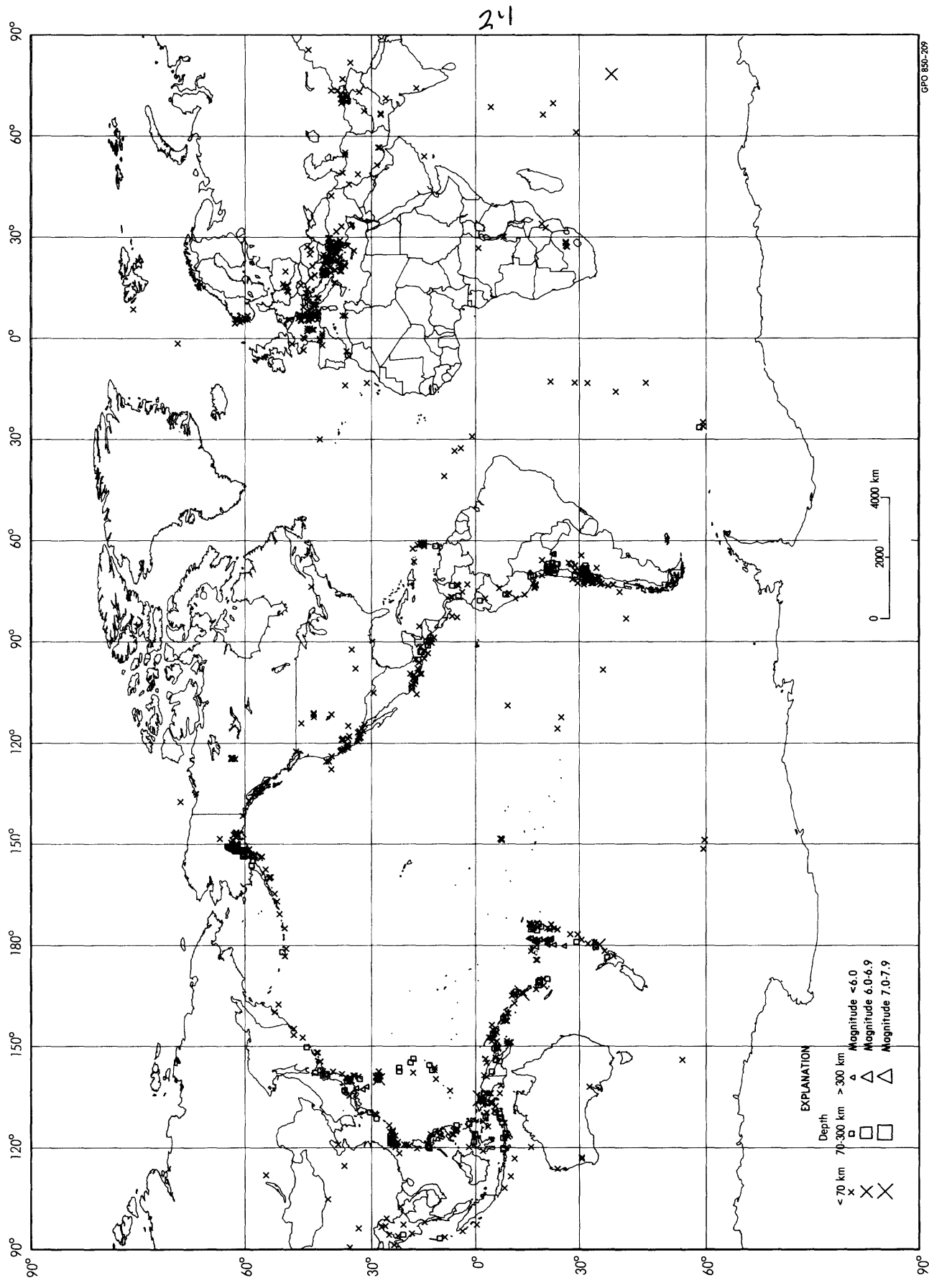




Earthquake epicenters in Alaska and adjacent regions for November, 1985 (C. Stover).



Earthquake epicenters in the conterminous United States and adjacent regions for November, 1985 (C. Stover).



Earthquakes located in November, 1985 (C. Stover).



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

DECEMBER 1985

K E Y	DAY	ORIGIN TIME UTC	GEOGRAPHIC COORDINATES	DEPTH	MAGNITUDES GS	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
		HR MN SEC	LAT LONG		MB Msz			
	01	00 24 57.1*	23.391 N 121.723 E	27		0.4	8	TAIWAN
	01	00 43 33.07	20.53 S 178.11 W	628 ?	4.8	1.5	9	FIJI ISLANDS REGION
	01	00 47 41.8	42.283 N 19.950 E	10 G		0.8	13	YUGOSLAVIA. DUR 2.8 (TTG).
	01	01 05 49.6	44.615 N 111.100 W	5 G		0.9	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).
	01	01 08 53.4	44.627 N 111.054 W	5 G		0.9	14	HEBGEN LAKE REGION. ML 3.8 (NEIS).
	01	01 37 01.7	51.601 N 174.521 W	33 N	4.8	0.9	56	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	02 20 17.5*	36.485 N 71.134 E	33 N	4.7	0.4	6	AFGHANISTAN-USSR BORDER REGION
	01	03 05 21.0?	21.30 S 67.27 W	227 ?		0.4	5	CHILE-BOLIVIA BORDER REGION
	01	03 05 48.3?	66.15 N 150.00 W	10 G		1.2	5	ALASKA. ML 3.6 (PMR).
	01	03 34 20.3?	3.81 S 102.98 W	10 G	4.4	1.2	17	NORTHERN EASTER I. CORDILLERA
	01	04 44 58.4*	24.648 N 122.052 E	10 G		1.3	6	TAIWAN REGION
	01	04 48 06.3	43.929 N 149.014 E	39 D	4.9	1.5	64	KURIL ISLANDS REGION
	01	05 06 37.1*	53.783 S 59.402 W	10 G	4.9 3.9	1.3	33	FALKLAND ISLANDS REGION
	01	05 32 18.6&	58.878 N 150.660 W	90			17	GULF OF ALASKA. <AGS-P>.
a	01	06 16 39.7	16.547 S 66.708 E	10 G	5.2 4.6	1.3	127	MID-INDIAN RISE
	01	06 56 02.6?	17.98 S 174.29 W	33 N	4.8	1.0	8	TONGA ISLANDS
	01	08 03 39.9*	4.676 S 145.010 E	33 N	3.8	0.2	6	NEAR N COAST OF PAPUA NEW GUINEA
	01	08 17 11.0?	32.06 S 179.29 W	33 N	4.7	0.9	6	SOUTH OF KERMADEC ISLANDS
	01	08 27 25.4*	55.821 S 27.930 W	33 N	5.0	1.0	10	SOUTH SANDWICH ISLANDS REGION
	01	08 45 11.9?	49.92 N 179.99 E	33 N	4.5	1.2	10	ALEUTIAN ISLANDS REGION
	01	09 17 18.0	42.298 N 19.939 E	10 G		1.0	9	YUGOSLAVIA. ML 2.6 (TTG).
	01	09 45 09.2*	32.494 S 179.653 W	33 N	4.9	1.3	13	SOUTH OF KERMADEC ISLANDS
	01	10 17 56.7	25.005 S 170.567 E	37 *	4.8	1.1	33	LOYALTY ISLANDS REGION
	01	11 41 28.7*	28.655 N 130.230 E	51 *	4.9	1.5	17	RYUKYU ISLANDS
	01	11 47 39.5	39.284 N 27.709 E	15	4.3 3.5	1.2	78	TURKEY. ML 4.6 (ATH). Felt in northeastern Greece.
	01	12 00 54.3	42.291 N 19.945 E	10 G		0.8	10	YUGOSLAVIA. ML 2.6 (TTG).
	01	12 18 01.2	41.884 N 19.464 E	10 G		0.3	7	ALBANIA. ML 2.6 (TTG).
	01	13 47 08.5?	22.76 N 120.51 E	10 G		1.5	6	TAIWAN
	01	13 49 15.1*	13.952 S 166.158 E	33 N	4.7	1.2	12	VANUATU ISLANDS
	01	13 55 10.6	14.374 S 166.415 E	31 D	4.7 4.7	1.2	52	VANUATU ISLANDS
	01	14 04 22.7	42.316 N 19.856 E	10 G		0.7	9	YUGOSLAVIA. ML 2.7 (TTG).
	01	14 26 36.5*	28.414 N 140.843 E	33 N		1.1	9	BONIN ISLANDS REGION
	01	15 32 16.7	15.044 N 57.315 E	10 G	4.5	0.9	16	ARABIAN SEA
	01	15 40 08.9?	25.22 S 69.80 E	10 G	4.9	1.1	8	SOUTH INDIAN OCEAN
	01	16 14 00.0*	6.160 S 129.984 E	33 N	4.7	1.0	12	BANDA SEA
	01	16 36 43.8	44.676 N 6.673 E	10 G		0.6	22	FRANCE. ML 3.1 (LDG).
	01	16 57 08.5*	39.572 N 27.605 E	10 G		1.3	5	TURKEY
	01	17 10 49.9	56.990 N 6.073 W	10 G		0.5	13	UNITED KINGDOM. ML 3.7 (ESK). Felt (IV) at Mallaig and Arisaig. Felt also on the southern part of the Isle of Skye
	01	17 35 17.7&	34.150 N 117.320 W	2			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt at San Bernardino and Rialto.
	01	17 48 57.2*	32.328 S 179.497 W	33 N	5.1	1.5	18	SOUTH OF KERMADEC ISLANDS
	01	18 59 34.4*	17.327 S 178.561 E	29 *		1.3	6	FIJI ISLANDS
	01	20 05 11.4	13.770 S 166.677 E	33 N	5.3	1.1	79	VANUATU ISLANDS
	01	20 28 04.7*	44.074 N 114.051 W	5 G		0.4	8	WESTERN IDAHO. ML 3.4 (NEIS).
	01	20 31 48.9	37.497 N 56.610 E	33 N	4.7	1.1	38	IRAN
	01	21 29 41.8*	24.267 N 121.865 E	10 G		0.5	6	TAIWAN
	01	23 07 14.2*	27.610 N 140.020 E	33 N	4.4	0.5	7	BONIN ISLANDS REGION
	01	23 11 06.6*	42.318 N 18.918 E	10 G		0.2	5	YUGOSLAVIA. ML 2.7 (TTG).
	01	23 44 37.4*	33.255 S 71.638 W	10 G		1.4	12	NEAR COAST OF CENTRAL CHILE
	02	00 05 17.5*	29.314 S 67.076 W	10 G		0.9	6	LA RIOJA PROVINCE, ARGENTINA
	02	00 11 32.2?	23.90 N 122.02 E	10 G		1.0	7	TAIWAN REGION
	02	00 18 42.1*	14.042 S 166.198 E	33 N	4.7	1.2	8	VANUATU ISLANDS
	02	00 44 03.6	26.391 N 104.953 E	33 N	4.2	1.5	30	EASTERN CHINA
	02	01 01 47.4?	13.06 N 87.17 W	190 G	4.5	0.9	11	HONDURAS
	02	01 03 33.0	27.983 N 129.506 E	35	5.1 4.6	1.0	105	RYUKYU ISLANDS. Felt (III JMA) at Naze.
	02	01 10 56.2*	32.124 N 139.535 E	20 *	4.5	1.1	13	SOUTH OF HONSHU, JAPAN

02	03	22	38.2&	36.100 N	119.970 W	6 G			6	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).	
02	05	14	56.77	22.86 N	121.58 E	10 G		0.1	5	TAIWAN REGION	
02	06	16	19.6	42.340 N	19.925 E	10 G		0.4	7	YUGOSLAVIA. ML 2.5 (TTG).	
02	06	41	33.2?	23.68 N	122.48 E	10 G		0.4	5	TAIWAN REGION	
a	02	07	14	36.9	41.158 N	139.806 E	22 D	5.4 5.6	1.0	221	HOKKAIDO, JAPAN REGION. Felt (IV JMA) at Fukaura and (III JMA) at Aomori, Hanshu. Felt on Hokkaido.
02	08	23	34.8&	62.254 N	149.258 W	44				32	CENTRAL ALASKA. <AGS-P>.
02	09	53	37.8	30.795 S	71.645 W	33 N		1.1	14	NEAR COAST OF CENTRAL CHILE	
02	10	09	25.6	45.679 N	10.687 E	10 G		0.6	17	NORTHERN ITALY. ML 3.3 (LDG), 3.2 (KBA).	
02	11	46	21.3&	60.124 N	153.168 W	127				23	SOUTHERN ALASKA. <AGS-P>.
02	12	35	21.2*	24.308 S	67.241 W	205 *		1.0	11	CHILE-ARGENTINA BORDER REGION	
02	13	26	45.2*	32.602 S	179.792 W	33 N	4.8	1.4	16	SOUTH OF KERMADEC ISLANDS	
02	14	12	32.1	4.727 S	133.666 E	33 N	4.2	1.1	13	WEST IRIAN REGION	
02	15	22	31.5*	32.381 S	179.331 W	33 N	4.8	1.4	10	SOUTH OF KERMADEC ISLANDS	
02	15	37	36.1?	66.30 N	149.94 W	10 G		1.2	6	ALASKA. ML 3.3 (PMR).	
02	15	40	18.6*	2.986 S	138.914 E	33 N	4.5	0.8	8	WEST IRIAN	
02	15	56	16.6	41.705 N	19.330 E	10 G	4.0	1.2	16	ALBANIA. ML 3.5 (KBA).	
02	16	45	00.4*	28.231 N	140.530 E	33 N	4.6	1.3	13	BONIN ISLANDS REGION	
02	17	09	24.5?	32.31 S	178.32 W	33 N	5.0	1.2	7	SOUTH OF KERMADEC ISLANDS	
02	17	40	29.3	51.165 N	0.749 W	13		1.2	16	UNITED KINGDOM. ML 3.3 (LDG), 2.7 (CWF), 2.6 (ESK).	
02	18	55	48.4*	32.326 S	179.425 W	33 N	4.7	0.9	8	SOUTH OF KERMADEC ISLANDS	
02	19	01	52.6%	15.988 N	61.946 W	33 N		0.5	7	LEEWARD ISLANDS. ML 2.7 (PAG).	
02	19	30	13.3	32.667 S	179.855 W	33 N	5.0	0.7	16	SOUTH OF KERMADEC ISLANDS	
02	19	53	16.8&	34.620 N	121.380 W	6 G			6	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.2 (PAS).	
02	22	44	46.6	42.315 N	19.905 E	10 G	3.7	1.2	25	YUGOSLAVIA. DUR 3.6 (TTG).	
02	22	46	21.3	33.159 S	71.235 W	50 *		0.2	12	NEAR COAST OF CENTRAL CHILE	
a	03	00	12	13.9	26.939 N	140.494 E	428 D	5.9	1.1	404	BONIN ISLANDS REGION. Felt (III JMA) on Chichi-shima.
03	01	20	03.3*	27.870 N	140.821 E	90 ?	4.1	1.3	11	BONIN ISLANDS REGION	
03	02	40	56.1*	41.128 N	23.999 E	10 G		1.5	9	GREECE-BULGARIA BORDER REGION	
03	02	41	30.4*	22.374 S	179.672 W	601 *	5.3	0.7	30	SOUTH OF FIJI ISLANDS	
03	02	47	08.7*	5.005 S	154.748 E	80 *	4.1	0.8	7	SOLOMON ISLANDS	
03	03	26	14.1	44.041 N	10.716 E	12		0.9	12	NORTHERN ITALY. ML 3.1 (LDG), 2.9 (KBA).	
03	03	40	26.7	43.995 N	10.748 E	11		0.9	19	CENTRAL ITALY. ML 3.5 (LDG), 3.4 (KBA).	
03	04	35	01.7*	42.386 N	142.269 E	89 *	4.2	1.1	11	HOKKAIDO, JAPAN REGION	
03	05	08	20.9	44.584 N	111.105 W	5 G		1.2	11	HEBGEN LAKE REGION. ML 2.7 (NEIS).	
03	06	29	05.7	10.544 S	41.034 E	10 G	4.9	0.7	11	NORTHWEST OF MADAGASCAR	
03	09	15	28.9*	28.009 N	140.611 E	33 N		1.4	10	BONIN ISLANDS REGION	
03	09	19	47.5*	7.203 S	129.724 E	185 ?		1.5	9	BANDA SEA	
03	09	52	06.2?	73.63 N	7.19 E	10 G		1.0	6	GREENLAND SEA	
03	10	50	28.6	1.683 N	97.284 E	58 *	4.8	0.			

04	21 04 45.8	42.308 N	19.911 E	10 G	1.4	12	(BRK). Felt at San Jose.
04	23 29 40.27	18.90 N	144.12 E	33 N 4.4	1.2	13	YUGOSLAVIA. DUR 2.7 (TTG).
05	00 27 37.67	31.28 S	68.54 W	94 ?	0.2	5	MARIANA ISLANDS
05	03 22 19.1*	24.293 N	121.818 E	10 G	0.8	5	SAN JUAN PROVINCE, ARGENTINA
05	03 28 50.1*	24.286 N	121.822 E	10 G	0.8	8	TAIWAN
05	03 42 33.5*	61.635 N	150.748 W	66	0.8	6	TAIWAN
05	06 28 36.9*	40.600 N	124.500 W	5 G 3.6	36	16	SOUTHERN ALASKA. <AGS-P>.
							NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK). Felt (II) at Rio Dell.
05	08 25 42.8*	35.247 S	109.438 W	10 G 5.2	1.1	46	EASTER ISLAND CORDILLERA
05	08 37 08.6*	60.164 N	153.208 W	143	28		SOUTHERN ALASKA. <AGS-P>.
05	10 43 44.77	36.52 S	99.97 W	10 G 4.9	0.9	14	SOUTHERN PACIFIC OCEAN
05	11 35 03.0	21.887 N	121.855 E	129 4.9	1.0	59	TAIWAN REGION
05	12 06 47.7*	28.397 N	140.699 E	33 N	1.1	13	BONIN ISLANDS REGION
05	13 02 05.7	13.866 S	166.047 E	42 * 4.6	1.1	26	VANUATU ISLANDS
05	14 02 15.0*	59.213 N	145.573 W	23	37		GULF OF ALASKA. <AGS-P>. ML 2.8 (PMR).
05	14 58 00.3*	26.249 S	27.306 E	5 G	1.4	11	REPUBLIC OF SOUTH AFRICA
05	15 00 00.0*	37.053 N	116.045 W	0 5.7	222		SOUTHERN NEVADA. <DOE>. ML 5.2 (BRK). 37' 03' 11.76" N., 116' 02' 43.33" W., Surface Elev. 1235 m., Depth of Burial 600 m., Shot Time 150000.067, "KINIBITO", Nevada Test Site (Dept. of Energy).
05	15 18 31.4*	59.349 N	145.529 W	25	41		GULF OF ALASKA. <AGS-P>. ML 3.4 (PMR).
05	15 42 14.4*	17.760 N	101.953 W	50 * 3.7	1.2	21	NEAR COAST OF GUERRERO, MEXICO. Felt (III) at Mexico City.
05	15 48 42.7*	51.115 N	5.616 E	10 G	0.3	5	NETHERLANDS
05	16 40 31.7*	33.161 S	72.410 W	22 * 4.1	1.5	16	OFF COAST OF CENTRAL CHILE
05	18 27 38.3	20.631 S	178.335 W	565 5.0	0.8	120	FIJI ISLANDS REGION
05	19 41 34.7*	21.411 S	66.744 W	241 ?	0.5	7	SOUTHERN BOLIVIA
05	20 28 58.77	33.46 S	72.42 W	10 G	0.4	9	OFF COAST OF CENTRAL CHILE
05	20 34 26.87	33.48 S	72.41 W	10 G	0.5	7	OFF COAST OF CENTRAL CHILE
05	20 34 43.0	44.634 N	111.080 W	5 G	1.1	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
05	20 37 18.1*	24.348 N	121.594 E	33 N	1.1	5	TAIWAN
05	20 45 56.67	33.58 S	72.88 W	30	0.4	11	OFF COAST OF CENTRAL CHILE
05	21 26 11.6*	36.159 N	140.079 E	89 4.1	1.0	10	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Utsunomiya.
05	21 30 47.2	13.943 S	166.399 E	33 N 5.0	1.1	29	VANUATU ISLANDS
05	21 50 09.2*	29.592 N	51.645 E	33 N 4.6	1.1	9	SOUTHERN IRAN
05	21 58 08.8	44.635 N	111.083 W	5 G	0.8	10	HEBGEN LAKE REGION. ML 2.8 (NEIS).
05	22 59 39.8	35.856 N	90.007 W	5 G 3.5	0.8	13	ARKANSAS. mblg 3.9 (NEIS). Felt (V) at Blytheville Air Force Base. Felt (IV) at Blytheville, Osceola, Burdette, Keiser, Joiner and Tomolo. Also felt (IV) at Henning, Tennessee. Felt (III) at Armarel, Dell, Driver, Luxora and Wilson, Arkansas.
05	23 09 36.8?	28.73 N	141.23 E	74 ?	1.4	13	BONIN ISLANDS REGION
05	23 30 14.0*	29.449 N	51.424 E	33 N 4.7	0.5	7	SOUTHERN IRAN
05	23 40 21.2*	29.465 N	51.311 E	33 N 4.5	0.8	7	SOUTHERN IRAN
06	02 04 50.2	42.300 N	19.945 E	10 G	0.9	11	YUGOSLAVIA. DUR 3.0 (TTG).
06	02 07 27.9	59.550 S	26.071 W	33 N 5.1	0.9	52	SOUTH SANDWICH ISLANDS REGION
06	03 02 17.8*	32.053 S	117.524 E	33 N	1.4	7	WESTERN AUSTRALIA
06	04 29 23.1*	6.479 S	130.028 E	164 * 4.8	1.5	16	BANDA SEA
06	05 00 31.2	50.218 N	12.427 E	10 G	0.1	8	GERMANY. ML 2.9 (GRF), 2.9 (FUR). Felt (V) in the Cheb oreo, Czechoslovakia. Felt (IV) at Selb.
06	05 22 41.5*	10.654 S	124.886 E	33 N 4.2	1.2	7	TIMOR
06	06 37 48.97	19.14 S	177.52 W	550 G 4.2	1.3	10	FIJI ISLANDS REGION
06	07 04 41.4	36.564 N	70.981 E	188 D 4.7	1.0	27	HINDU KUSH REGION
06	08 39 51.0*	32.210 S	71.837 W	33 N	0.5	13	NEAR COAST OF CENTRAL CHILE
06	08 47 36.67	7.35 N	73.82 W	33 N	1.4	6	NORTHERN COLOMBIA
06	08 55 30.0*	45.181 N	148.497 E	33 N 4.9	1.1	38	KURIL ISLANDS
06	09 08 37.5*	20.777 S	178.460 W	606 * 4.9	1.4	28	FIJI ISLANDS REGION
06	09 33 08.0	26.431 N	140.951 E	111 4.7	0.6	21	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shima.
06	10 19 35.0	44.624 N	111.114 W	5 G	0.7	10	HEBGEN LAKE REGION. ML 2.9 (NEIS).
06	11 04 04.0*	42.328 N	18.892 E	10 G	0.4	7	YUGOSLAVIA. ML 2.4 (TTG).
06	12 20 28.4	50.215 N	12.433 E	10 G	0.3	11	GERMANY. ML 3.1 (FUR), 3.0 (GRF). Felt (IV) at Selb.
06	12 33 21.9	49.584 N	157.304 E	42 D 5.0 4.5	1.2	101	KURIL ISLANDS REGION
06	13 29 24.7*	42.648 N	23.374 E	10 G	1.2	5	BULGARIA
06	14 01 37.8*	7.346 S	128.979 E	73 ? 4.9	1.3	13	BANDA SEA
06	14 25 59.3*	62.132 N	149.523 W	57	31		CENTRAL ALASKA. <AGS-P>.
06	15 57 26.3	38.789 N	108.899 W	10 G	0.5	18	COLORADO. ML 2.7 (NEIS).
06	16 44 56.5?	34.84 S	111.45 W	10 G 4.9	1.2	15	EASTER ISLAND CORDILLERA
06	16 58 40.5*	49.997 N	12.203 E	10 G	0.3	5	GERMANY. ML 1.9 (GRF).
06	17 13 32.1	42.292 N	19.947 E	10 G	1.0	13	YUGOSLAVIA
06	18 01 06.4	50.211 N	12.406 E	10 G	0.4	6	GERMANY
06	18 16 54.6*	41.669 N	19.512 E	10 G	0.9	6	ALBANIA. ML 2.6 (TTG).
06	18 29 47.5*	50.221 N	12.430 E	10 G	0.3	5	GERMANY
06	19 41 47.2?	32.76 S	67.26 W	10 G	1.0	5	MENDOZA PROVINCE, ARGENTINA
06	20 03 52.5	18.923 S	69.815 W	142 * 1.1	13		NORTHERN CHILE
06	20 20 14.5	50.218 N	12.445 E	10 G	0.3	7	GERMANY. ML 2.6 (FUR), 2.5 (GRF).
06	20 39 25.0	43.071 N	141.050 E	162 5.1	0.8	215	HOKKAIDO, JAPAN REGION. Felt at Ofunoto, Honshu.
06	22 10 13.1*	50.486 N	12.132 E	10 G	0.6	5	GERMANY. ML 2.2 (GRF).
06	22 26 25.5	1.636 S	134.910 E	25 D 5.8 5.8	1.1	143	WEST IRIAN REGION
06	22 35 29.6	36.944 N	28.803 E	9 4.6 4.5	1.2	80	DODECANESE ISLANDS. Minor damage at Mugla, Turkey.
06	23 02 56.5*	19.030 S	69.601 W	140 ?	0.9	6	NORTHERN CHILE
07	00 06 54.6	2.008 S	80.868 W	45 * 5.0	1.1	43	NEAR COAST OF ECUADOR
07	00 23 02.2*	60.565 N	152.836 W	141	24		SOUTHERN ALASKA. <AGS-P>.
07	01 14 36.47	17.94 S	177.99 W	629 ? 5.1	1.1	17	FIJI ISLANDS REGION
07	01 51 55.4	74.028 N	9.493 E	10 G 4.6	1.4	23	GREENLAND SEA
07	02 35 38.8?	31.79 S	70.67 W	33 N	0.8	6	CHILE-ARGENTINA BORDER REGION
07	02 42 39.4*	33.312 S	71.844 W	33 N	0.7	12	NEAR COAST OF CENTRAL CHILE
07	03 15 35.8	50.221 N	12.439 E	10 G	0.4	7	GERMANY. ML 2.2 (GRF).
07	04 38 41.8	50.194 N	12.522 E	10 G	1.0	6	GERMANY. ML 2.1 (GRF).
07	04 39 03.8*	27.889 N	140.416 E	33 N 4.7	1.3	14	BONIN ISLANDS REGION
07	05 05 51.0*	50.226 N	12.363 E	10 G	1.1	5	GERMANY
07	05 07 22.9	50.227 N	12.445 E	10 G	0.3	7	GERMANY. ML 2.5 (GRF), 2.3 (FUR).

07	05	42	44.6*	19.708 S	70.173 W	100 *	4.9	0.9	22	NEAR COAST OF NORTHERN CHILE
07	06	21	34.37	50.09 N	177.36 W	33 N	4.3	0.9	6	ANDREANOF ISLANDS, ALEUTIAN IS.
07	07	12	21.27	37.31 N	42.05 E	10 G		1.1	6	TURKEY
07	07	40	07.6	42.234 N	20.047 E	10 G		0.8	8	YUGOSLAVIA
07	07	45	10.4*	21.945 S	67.321 W	215 *		1.1	6	CHILE-BOLIVIA BORDER REGION
07	09	03	01.9	50.223 N	12.416 E	10 G		0.3	7	GERMANY. ML 2.4 (FUR), 2.2 (GRF).
07	09	10	51.1*	50.233 N	12.429 E	10 G		0.5	5	GERMANY. ML 2.2 (GRF).
07	10	48	38.6	27.808 N	140.980 E	33 N	4.7	1.0	38	BONIN ISLANDS REGION. Felt (II JMA) on Chichi-shimo.
07	10	56	20.2*	51.265 N	176.654 W	33 N	4.7	1.2	25	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR). Felt on Adak.
07	11	24	55.57	50.92 N	19.70 E	10 G		1.3	5	POLAND
07	13	37	36.9*	5.076 S	152.751 E	33 N	4.2	1.4	6	NEW BRITAIN REGION
07	14	02	14.0	46.948 N	0.289 W	13		1.2	12	FRANCE. ML 3.2 (LDG).
07	14	15	32.3%	60.196 N	5.343 E	10 G		0.5	5	SOUTHERN NORWAY
07	14	24	37.3%	46.947 N	0.097 W	13		1.4	12	FRANCE. ML 3.2 (LDG).
07	14	25	28.9%	46.829 N	0.476 W	18		1.5	14	FRANCE. ML 3.2 (LDG).
07	14	46	26.0*	2.182 N	126.300 E	33 N	4.4	1.1	11	MOLUCCA PASSAGE
07	15	29	12.4*	62.543 N	123.978 W	10 G	3.7	1.5	13	NORTHWEST TERRITORIES, CANADA
07	16	48	31.0*	28.092 N	140.487 E	33 N	4.5	1.3	14	BONIN ISLANDS REGION
07	17	17	25.3	50.226 N	12.429 E	10 G		0.3	8	GERMANY. ML 2.5 (GRF), 2.2 (KBA).
07	18	07	56.9*	36.236 N	28.547 E	111 ?		1.1	12	DODECANESE ISLANDS
07	18	32	31.8	43.276 N	21.085 E	10 G		0.7	13	YUGOSLAVIA. Felt (V) in the Mt. Kopanik area.
07	19	28	15.4	50.226 N	12.428 E	10 G		0.4	7	GERMANY. ML 2.1 (FUR), 2.0 (GRF).
07	20	05	38.8%	15.275 N	60.309 W	33 N		0.2	10	LEEWARD ISLANDS. ML 3.5 (FDF).
07	20	12	55.27	54.42 N	164.57 W	33 N	4.8	1.4	14	UNIMAK ISLAND REGION
07	20	51	14.1	44.605 N	111.010 W	5 G		0.3	8	HEBGEN LAKE REGION. ML 2.7 (NEIS).
07	21	26	59.6*	0.444 N	66.998 E	10 G	4.6	0.7	10	CARLSBERG RIDGE
07	21	58	08.9*	41.448 N	22.295 E	10 G		0.6	5	YUGOSLAVIA
07	22	47	02.1	50.874 N	5.949 E	10 G		0.7	10	BELGIUM. ML 2.2 (KLL), 2.2 (BNS). Felt in southern Limburg Province, Netherlands.
07	23	09	25.1	50.892 N	5.874 E	11		0.7	35	BELGIUM. ML 3.4 (LDG), 3.0 (KLL), 3.0 (BNS). Felt (IV) in southern Limburg Province, Netherlands.
07	23	32	13.87	44.18 N	17.57 E	33 N		0.8	5	YUGOSLAVIA. ML 2.6 (KBA).
08	02	07	05.0*	28.307 N	140.337 E	33 N	4.5	0.9	6	BONIN ISLANDS REGION
08	03	42	47.28	31.820 N	115.000 W	6 G			5	BAJA CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
08	04	51	49.98	62.431 N	151.568 W	86			23	CENTRAL ALASKA. <AGS-P>.
08	05	23	57.4	41.612 N	23.217 E	10 G		0.5	11	GREECE-BULGARIA BORDER REGION
08	06	40	41.8	13.755 S	166.164 E	33 N	5.1	1.0	73	VANUATU ISLANDS
08	07	32	23.38	59.882 N	150.244 W	39	4.8		65	KENAI PENINSULA, ALASKA. <AGS-P>. Felt at Homer and Seward.
08	08	14	32.3	41.581 N	19.230 E	10 G		0.8	20	ALBANIA
08	08	25	22.2	50.211 N	12.437 E	10 G		0.3	6	GERMANY
08	08	28	15.6*	13.681 S	166.124 E	33 N	4.7	1.1	21	VANUATU ISLANDS
08	09	06	32.9*	23.722 S	67.193 W	33 N		0.8	5	CHILE-ARGENTINA BORDER REGION
08	09	47	49.88	62.294 N	151.141 W	73			29	CENTRAL ALASKA. <AGS-P>.
08	10	22	10.27	5.00 S	154.61 E	156 ?	4.0	1.4	8	SOLOMON ISLANDS
08	12	32	24.3*	32.898 S	71.653 W	10 G		0.7	8	NEAR COAST OF CENTRAL CHILE
08	13	35	00.7	30.922 N	86.598 E	37 *	4.8 4.7	1.2	66	TIBET
08	13	36	34.1	30.751 N	86.621 E	33 N	4.9	1.3	38	TIBET
08	14	24	32.2	30.893 N	86.535 E	33 N	4.9	1.3	53	TIBET
08	14	34	49.3*	35.386 N	3.859 W	10 G		0.7	5	STRAIT OF GIBRALTAR
08	15	39	10.7*	53.794 N	163.973 W	33 N	4.8	0.9	38	UNIMAK ISLAND REGION
08	16	04	00.07	48.15 N	154.50 E	33 N	4.7	0.5	18	KURIL ISLANDS
08	16	24	14.48	60.671 N	143.212 W	13			41	SOUTHERN ALASKA. <AGS-P>. ML 3.6 (PMR).
08	17	01	58.37	24.59 N	123.36 E	33 N		0.3	7	SOUTHWESTERN RYUKYU ISLANDS
08	17	36	44.2	42.226 N	19.918 E	22	4.1	1.3	60	YUGOSLAVIA. ML 4.6 (ATH). Felt (IV) at Titograd and in southeastern Montenegro.
08	17	43	02.77	17.81 S	178.93 W	631 ?	4.4	0.8	15	FIJI ISLANDS REGION
08	19	10	27.0	42.269 N	19.928 E	10 G	3.1	1.4	32	YUGOSLAVIA. DUR 3.4 (TTG).
08	19	30	43.3*	10.997 S	111.524 E	33 N	4.9	1.1	13	SOUTH OF JAVA
08	19	30	55.8	42.207 N	19.910 E	10 G	3.9	1.2	61	YUGOSLAVIA. ML 4.6 (ATH). Felt.
08	20	05	36.4	63.400 N	150.509 W	33 N		1.2	9	CENTRAL ALASKA. ML 3.2 (PMR).
08	20	14	03.2	35.345 N	3.869 W	14		1.0	13	STRAIT OF GIBRALTAR
08	21	39	00.5*	41.884 N	142.749 E	76 *	4.2	1.2	10	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Urakowo.
08	21	39	15.9*	8.221 S	163.152 E	33 N		0.8	9	SOLOMON ISLANDS
08	21	40	51.18	40.388 N	124.477 W	5 G			5	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
08	22	07	05.6	37.950 N	28.851 E	10 G		1.3	6	TURKEY
08	23	11	00.2	37.100 N	71.524 E	33 N	4.8	1.1	33	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Khorog and Dushonbe.
08	23	53	19.9*	13.831 S	166.580 E	33 N	4.3	0.8	7	VANUATU ISLANDS
09	00	05	41.1*	23.575 S	66.854 W	243 *	4.1	0.5	6	JUJUY PROVINCE, ARGENTINA
09	00	47	07.78	37.815 N	119.985 W	33 N			12	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK). Felt at Columbia.
09	00	51	54.57	22.01 S	115.15 W	10 G	5.0	1.1	14	EASTER ISLAND CORDILLERA
09	01	28	47.6	42.249 N	19.914 E	10 G	3.6	1.4	37	YUGOSLAVIA. DUR 3.5 (TTG).
09	01	33	14.5	37.928 N	28.869 E	10 G		1.1	7	TURKEY
09	02	26	21.4	42.121 N	19.905 E	10 G		0.9	9	YUGOSLAVIA
09	02	30	45.4*	50.226 N	12.410 E	10 G		0.5	5	GERMANY
09	02	33	18.6	50.016 N	12.183 E	10 G		0.5	7	GERMANY. ML 2.3 (GRF).
09	02	56	35.28	33.430 N	119.180 W	6 G			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).
09	04	11	35.2*	28.150 N	140.559 E	33 N	4.7	1.0	11	BONIN ISLANDS REGION
09	04	58	33.5	44.625 N	111.078 W	5 G		0.8	9	HEBGEN LAKE REGION. ML 2.7 (NEIS).
09	05	12	29.8*	5.949 S	146.190 E	128 *	3.4	0.6	6	EAST PAPUA NEW GUINEA REGION
09	05	21	06.67	17.44 N	101.48 W	33 N		0.7	5	NEAR COAST OF GUERRERO, MEXICO
09	05	29	46.4*	50.253 N	12.424 E	10 G		0.2	5	GERMANY
09	07	56	02.57	43.50 N	126.55 W	10 G		1.5	12	OFF COAST OF OREGON
09	07	56	52.38	38.197 N	119.083 W	6			16	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.4 (BRK).
09	08	47	29.0*	23.857 N	121.847 E	33 N		0.3	6	TAIWAN
09	09	10	44.7*	29.427 S	72.543 W	33 N		1.2	15	OFF COAST OF CENTRAL CHILE
09	10	05	29.3*	5.447 S	144.995 E	33 N	3.6	1.2	6	PAPUA NEW GUINEA
09	10	39	23.57	14.14 N	60.67 W	33 N		0.3	5	WINDWARD ISLANDS
09	11	58	20.0	5.651 S	105.816 E	148 D	5.1	1.0	94	SUNDA STRAIT
09	12	50	13.8*	13.399 S	166.851 E	33 N	4.5	1.0	20	VANUATU ISLANDS

09	13	20	23.9	31.809	N	56.009	E	44	*	4.7	0.9	39	IRAN	
09	13	45	44.87	23.24	N	122.22	E	10	G		0.6	5	TAIWAN REGION	
09	13	55	35.1	42.284	N	19.970	E	10	G		1.1	14	YUGOSLAVIA. DUR 3.0 (TTG).	
09	14	01	07.9	42.285	N	19.973	E	10	G		0.7	10	YUGOSLAVIA. DUR 2.7 (TTG).	
09	14	29	26.8	18.452	S	169.090	E	222		4.6	1.2	44	VANUATU ISLANDS	
09	15	37	41.9	50.233	N	12.434	E	10	G		0.2	8	GERMANY. ML 2.8 (GRF).	
09	16	09	53.5	31.577	S	66.805	W	143	?		0.7	16	LA RIOJA PROVINCE, ARGENTINA	
09	16	39	21.6*	12.985	S	76.993	W	79	*		0.9	9	NEAR COAST OF PERU	
09	21	17	14.37	22.36	S	179.64	W	653	?	4.5	1.2	12	SOUTH OF FIJI ISLANDS	
09	21	38	57.0	44.635	N	111.069	W	5	G		1.0	10	HEBGEN LAKE REGION. ML 3.1 (NEIS).	
09	22	12	30.9*	28.685	N	141.082	E	33	N	4.8	1.0	15	BONIN ISLANDS REGION	
09	22	56	21.7	33.730	N	137.043	E	347		4.3	0.8	46	NEAR S. COAST OF HONSHU, JAPAN	
10	01	46	24.0?	17.44	N	101.37	W	33	N		0.1	5	NEAR COAST OF GUERRERO, MEXICO	
10	01	51	03.3*	30.209	S	179.553	W	368	*	4.7	1.2	36	KERMADEC ISLANDS REGION	
10	02	44	04.3	42.294	N	19.896	E	10	G		1.3	16	YUGOSLAVIA. DUR 3.0 (ULC), 2.8 (TTG).	
10	03	26	12.6?	17.93	S	177.99	W	475	?	4.7	0.8	16	FIJI ISLANDS REGION	
10	03	58	59.17	38.18	N	20.21	E	5	G		1.0	6	GREECE. ML 3.7 (ATH).	
10	04	13	11.8	44.637	N	111.089	W	5	G		1.0	9	HEBGEN LAKE REGION. ML 2.9 (NEIS).	
10	04	14	04.7*	17.986	N	101.593	W	10	G		0.4	5	NEAR COAST OF GUERRERO, MEXICO	
10	04	24	51.77	30.75	S	178.54	W	33	N	5.5	1.2	13	KERMADEC ISLANDS	
10	04	40	49.2*	42.208	N	20.037	E	10	G		0.5	5	YUGOSLAVIA	
10	05	11	45.2*	9.506	N	78.897	W	10	G		0.7	5	PANAMA. Felt (IV) at Panama City.	
10	06	10	25.3	37.290	N	115.012	W	5	G		0.7	16	SOUTHERN NEVADA. ML 3.7 (NEIS). Felt at Alamo.	
10	06	21	00.5*	30.008	S	177.421	W	33	N	5.3	1.5	15	KERMADEC ISLANDS	
10	08	09	26.3*	36.021	N	69.002	E	33	N	4.6	1.5	25	HINDU KUSH REGION	
10	08	39	36.5?	31.44	S	68.56	W	116	*		0.8	7	SAN JUAN PROVINCE, ARGENTINA	
10	08	52	27.0*	28.211	N	140.676	E	33	N		0.9	10	BONIN ISLANDS REGION	
10	10	39	30.6	4.752	S	152.315	E	45	*	4.7	0.9	11	NEW BRITAIN REGION	
a	10	11	20	53.2	44.155	N	146.881	E	117	D	5.3	1.0	194	KURIL ISLANDS. Felt (I JMA) at Nemuro, Kushiro and Urakawa.
10	15	46	41.4?	28.02	N	53.66	E	33	N	3.9	1.4	11	SOUTHERN IRAN. Felt at Bondor-e Abbas.	
10	18	35	23.4*	0.669	S	79.849	W	33	N		0.8	9	ECUADOR	
10	18	40	38.8?	33.41	S	67.19	W	33	N		0.6	5	MENDOZA PROVINCE, ARGENTINA	
10	19	16	17.3*	42.304	N	19.972	E	10	G		0.3	7	YUGOSLAVIA. ML 2.7 (TTG).	
10	20	58	09.2?	31.62	S	71.83	W	10	G		0.7	5	NEAR COAST OF CENTRAL CHILE	
10	23	25	08.7*	37.410	N	121.838	W	1	G			11	CENTRAL CALIFORNIA. <BRK>. ML 2.3 (BRK). Felt in the Berryessa District of San Jose.	
10	23	28	51.7	46.975	N	18.059	E	10	G		0.9	14	HUNGARY. ML 3.5 (VKA), 3.2 (KBA). Felt in Veszprem County.	
11	00	26	14.2*	31.810	N	115.820	W	6	G			6	BAJA CALIFORNIA. <PAS-P>. ML 3.4 (PAS).	
11	01	46	50.5	42.307	N	19.997	E	10	G		0.6	10	YUGOSLAVIA. DUR 2.7 (TTG).	
11	02	39	31.5*	28.181	N	140.432	E	33	N		0.9	6	BONIN ISLANDS REGION	
11	03	09	40.9?	18.67	S	175.08	W	200	G	4.5	1.4	8	TONGA ISLANDS	
11	03	18	24.3	42.333	N	19.883	E	10	G		0.6	9	YUGOSLAVIA. DUR 2.8 (TTG).	
11	03	28	13.8?	22.43	S	70.98	W	108	?		1.4	6	NEAR COAST OF NORTHERN CHILE	
11	06	33	29.0*	52.367	N	165.359	W	33	N	4.4	1.2	14	ALEUTIAN ISLANDS REGION	
11	06	35	35.6*	42.296	N	18.736	E	10	G		0.5	6	YUGOSLAVIA. DUR 2.6 (TTG).	
11	07	11	24.0*	42.322	N	19.940	E	10	G		0.4	7	YUGOSLAVIA. DUR 2.8 (TTG).	
11	07	21	19.4*	32.625	S	71.114	W	74	?		0.7	15	NEAR COAST OF CENTRAL CHILE	
11	09	11	30.5	35.770	N	45.472	E	33	N	4.7	0.8	29	IRAN-IRAQ BORDER REGION. Felt at Baneh, Iran.	
11	09	40	43.3?	52.23	N	175.18	W	33	N	4.5	0.9	8	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).	
11	10	29	11.4*	27.389	N	140.101	E	502	?	4.5	0.5	12	BONIN ISLANDS REGION	
11	10	36	56.3*	32.828	N	137.946	E	311		4.2	0.8	22	SOUTH OF HONSHU, JAPAN	
11	11	03	41.8*	51.280	N	175.209	W	33	N	4.4	1.2	20	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR). Felt (II) on Adak.	
11	11	29	31.7?	52.19	N	175.13	W	33	N	4.3	0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).	
11	11	37	32.7*	17.533	N	100.632	W	33	N		1.0	5	GUERRERO, MEXICO	
11	12	11	19.4?	51.32	N	175.07	W	33	N	4.5	0.2	5	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.7 (PMR).	
a	11	12	15	26.4	7.022	S	150.015	E	13	5.4	1.0	93	NEW BRITAIN REGION	
11	13	39	33.0*	18.377	S	168.160	E	33	N	4.3	1.5	22	VANUATU ISLANDS	
11	13	54	16.5*	18.423	S	168.343	E	42	*	4.1	1.0	7	VANUATU ISLANDS	
11	15	02	51.2	1.195	N	122.436	E	33	N	4.8	1.0	31	MINAHASSA PENINSULA	
11	15	28	48.2	32.916	S	71.729	W	82		4.8	1.0	28	NEAR COAST OF CENTRAL CHILE. Felt (VI) at Valparaiso, (V) at La Ligua and Quillota, (IV) at Los Andes and San Felipe, and (III) at Santiago.	
11	15	31	19.3?	39.57	N	29.47	E	10	G		1.2	5	TURKEY	
11	16	03	57.7?	16.04	S	174.20	W	148	?	4.3	1.1	12	TONGA ISLANDS	
11	16	50	12.2	24.442	N	120.860	E	10	G		0.5	8	TAIWAN	
11	19	11	43.5*	35.858	N	73.605	E	33	N	4.6	1.1	23	NORTHWESTERN KASHMIR	
11	19	54	13.0*	52.005	N	160.442	E	33	N	4.9	1.1	52	OFF EAST COAST OF KAMCHATKA	
11	20	20	14.7?	51.57	N	16.16	E	10	G		0.6	9	POLAND. ML 3.9 (GRF), ML 3.6 (KBA), ML 3.5 (VKA).	
11	20	32	36.2?	26.68	S	177.25	W	170	G	4.3	0.9	10	SOUTH OF FIJI ISLANDS	
11	21	12	39.9*	13.720	S	166.086	E	33	N	5.3	1.1	14	VANUATU ISLANDS	
11	23	54	32.8*	46.800	N	0.513	W	6	G		1.4	11	FRANCE. ML 2.7 (LDG).	
12	00	45	45.2*	62.469	N	124.058	W	10	G		0.3	6	NORTHWEST TERRITORIES, CANADA	
12	01	40	15.4*	23.151	N	121.355	E	10	G		0.4	6	TAIWAN	
12	02	21	28.5*	66.310	N	149.799	W	10	G		0.8	7	ALASKA. ML 3.5 (PMR).	
12	02	58	36.6	47.649	N	14.353	E	12			0.9	37	AUSTRIA. DUR 4.2 (KBA), ML 4.0 (VKA), 3.8 (GRF). Felt (V) at Liezen.	
12	03	58	26.1*	28.193	N	140.690	E	24	*	4.7	1.4	25	BONIN ISLANDS REGION	
12	04	35	26.5	46.607	N	1.456	E	10	G		0.9	15	FRANCE. ML 2.9 (LDG).	
12	05	25	50.5	43.515	N	16.906	E	24	*		1.5	42	YUGOSLAVIA. DUR 4.2 (TRI). ML 4.0 (KBA), 3.8 (TTG). Felt at Makarska and Livno.	
12	06	39	53.0*	21.151	S	69.092	W	150	G		1.2	7	NORTHERN CHILE	
12	07	07	24.6*	29.072	N	104.720	E	33	N		1.4	5	SICHUAN PROVINCE, CHINA	
12	07	21	33.5*	39.258	N	27.660	E	10	G		0.8	9	TURKEY	
12	07	26	27.7*	31.167	N	130.554	E	180		4.6	1.1	24	KYUSHU, JAPAN	
12	07	37	44.9*	24.757	N	121.957	E	10	G		0.6	5	TAIWAN	
12	07	43	34.1*	35.540	N	116.850	W	5				6	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).	
12	08	02	15.5?	19.85	S	178.82	W	519	?	4.5	0.5	15	FIJI ISLANDS REGION	
12	08	23	26.5*	14.389	N	93.032	W	33	N	4.4	0.9	24	NEAR COAST OF CHIAPAS, MEXICO	
12	08	54	55.7*	60.034	N	153.001	W	106				29	SOUTHERN ALASKA. <AGS-P>.	
12	09	15	24.9*	37.730	N	72.236	E	33	N	4.4	0.3	7	TAJIK SSR	

12	10	26	40.5	44.546 N	113.053 W	5 G	0.6	9	EASTERN IDAHO. ML 3.0 (NEIS).
12	10	47	33.0*	41.279 N	20.086 E	10 G	1.8	7	ALBANIA. ML 3.5 (TTG).
12	11	14	10.4%	42.304 N	19.963 E	10 G	0.5	7	YUGOSLAVIA. ML 2.7 (TTG).
12	11	22	32.1	22.354 S	177.751 W	328 *	4.5	0.7	46 SOUTH OF FIJI ISLANDS
12	11	57	31.17	27.85 N	140.53 E	33 N	4.9	1.9	6 BONIN ISLANDS REGION
12	12	27	53.1*	38.879 N	25.725 E	10 G	1.1	6	6 AEGEAN SEA
12	12	38	59.5	6.722 S	108.175 E	251 *	5.0	0.9	42 JAVA
12	12	43	19.7*	6.831 S	145.774 E	26 *	4.2	1.5	8 PAPUA NEW GUINEA
12	13	56	55.67	41.56 N	23.71 E	10 G	0.4	5	GREECE-BULGARIA BORDER REGION
12	15	15	44.07	32.40 S	179.73 W	104 ?	4.5	0.9	8 SOUTH OF KERMADEC ISLANDS
12	15	27	56.48	59.878 N	153.412 W	131		21	SOUTHERN ALASKA. <AGS-P>.
12	16	18	27.0*	14.474 N	93.051 W	33 N	4.7	1.3	52 NEAR COAST OF CHIAPAS, MEXICO
12	17	32	36.6	1.754 S	77.817 W	162	4.7	0.8	84 ECUADOR
12	17	48	42.9*	30.741 S	69.574 W	150 G		1.4	9 CHILE-ARGENTINA BORDER REGION
12	19	01	19.8	20.615 N	155.762 W	33 N	4.3	0.5	54 HAWAII. ML 4.5 (HVO). Felt (V) at Makawao and (IV) at Kahului, Maui. Felt (IV) at Hawi, Hanalei, Kamuela, Papaikou, Papaikou and Volcano, Hawaii. Also felt on Molakai and Oahu.
12	19	37	17.97	40.26 N	63.42 E	33 N	4.2	0.2	5 UZBEK SSR
12	21	01	30.4*	14.596 N	123.799 E	33 N	4.5	1.0	13 LUZON, PHILIPPINE ISLANDS
12	21	18	39.38	19.516 N	155.908 W	12		45	HAWAII. <HVO-P>. ML 4.0 (HVO). Felt widely on the Island of Hawaii, strongly in the western part.
12	21	48	07.27	14.09 N	93.12 W	33 N	4.9	1.3	11 NEAR COAST OF CHIAPAS, MEXICO
12	22	27	16.5	6.176 S	151.943 E	33 N	4.6	0.9	13 NEW BRITAIN REGION
12	23	46	55.17	33.08 S	71.94 W	10 G		0.2	9 NEAR COAST OF CENTRAL CHILE
13	00	16	13.7	10.307 N	73.431 W	111 *	4.2	1.3	17 NORTHERN COLOMBIA
13	00	33	40.6	42.287 N	19.932 E	4		1.0	32 YUGOSLAVIA. DUR 3.5 (TTG).
13	01	27	59.8*	28.266 N	140.648 E	33 N	4.7	1.1	12 BONIN ISLANDS REGION
13	01	54	08.6	30.472 N	57.561 E	33 N	4.7	1.4	20 IRAN
13	02	11	41.6*	21.254 S	69.016 W	162 *		1.4	10 NORTHERN CHILE
13	03	31	31.67	24.86 N	122.19 E	103 ?		0.7	9 TAIWAN REGION
13	05	44	07.5	44.288 N	6.434 E	10 G		0.7	19 FRANCE. ML 3.1 (LDG).
13	07	10	07.0	14.108 N	91.597 W	105 *	4.8	0.9	68 GUATEMALA
13	09	28	18.5	42.340 N	19.822 E	10 G		1.3	14 YUGOSLAVIA. DUR 3.3 (TTG).
13	11	33	42.6%	40.694 N	29.904 E	10 G		1.0	5 TURKEY
13	11	47	36.9	44.615 N	111.053 W	5 G		1.2	10 HEBGEN LAKE REGION. ML 2.8 (NEIS).
13	12	56	43.0*	21.274 S	69.023 W	159 *		0.9	8 NORTHERN CHILE
13	13	12	56.37	35.62 S	179.55 E	33 N	4.5	1.3	8 OFF E. COAST OF N. ISLAND, N.Z.
13	14	51	52.7*	7.404 S	147.988 E	33 N		1.0	5 EAST PAPUA NEW GUINEA REGION
13	15	30	14.8	36.033 N	22.210 E	38 D	4.7	1.1	133 SOUTHERN GREECE
13	18	37	44.18	36.988 N	121.725 W	10 G			15 CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
13	18	39	22.68	37.010 N	121.722 W	11		18	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK). Mo=3.6+10**21 (BRK). Felt (III) at Aptos and Morgan Hill. Also felt at Gilroy, San Jose, Santa Cruz, La Selva Beach and Redwood Estates.
13	19	19	47.18	40.405 N	127.230 W	4 G		20	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.0 (BRK).
13	22	28	08.0	42.293 N	19.928 E	10		1.3	29 YUGOSLAVIA. DUR 3.5 (TTG).
13	22	34	55.7%	37.892 N	27.632 E	10 G		1.7	5 TURKEY
13	23	10	10.7	28.326 N	140.616 E	33 N	4.6	1.1	17 BONIN ISLANDS REGION
13	23	16	31.3*	0.783 N	28.115 W	10 G	5.0 5.2	1.3	28 CENTRAL MID-ATLANTIC RIDGE
13	23	20	57.38	19.328 N	155.129 W	9		44	HAWAII. <HVO-P>. ML 4.0 (HVO).
13	23	38	52.07	10.46 S	167.18 E	113 *	4.2	0.3	8 SANTA CRUZ ISLANDS
14	02	25	49.9*	36.683 N	71.014 E	175 ?	4.2	0.4	10 AFGHANISTAN-USSR BORDER REGION
14	02	51	45.7	25.007 S	64.756 W	13	5.6 4.9	1.3	109 SALTA PROVINCE, ARGENTINA. Felt in Tucuman, Salta, Jujuy, Catamarca and Cordoba Provinces.
14	03	13	03.8*	38.682 N	27.762 E	33 N		0.5	5 TURKEY
14	04	01	58.6	33.200 S	179.089 W	33 N	4.8 5.3	1.2	33 SOUTH OF KERMADEC ISLANDS
14	05	32	24.3	42.313 N	19.931 E	9		1.1	24 YUGOSLAVIA. DUR 3.3 (TTG).
14	05	38	06.8	50.181 N	12.413 E	23 *		1.2	33 GERMANY. ML 4.2 (VKA), 4.0 (KBA), 4.0 (FUR), 3.8 (GRF), 3.6 (BNS). Felt (V) at Selb and (IV) at Hof, Muenchberg and Markredwitz. Also felt in the Cheb-Sokolov area, Czechoslovakia.
14	05	40	42.3	50.196 N	12.455 E	8		1.3	18 GERMANY. ML 4.1 (VKA), 3.8 (KBA), 3.8 (FUR), 3.0 (GRF). Felt (V) at Selb.
14	05	51	58.4	50.234 N	12.424 E	10 G		0.6	6 GERMANY. ML 2.3 (GRF).
14	05	54	42.9	50.227 N	12.430 E	10 G		0.4	7 GERMANY. ML 1.9 (GRF).
14	05	55	16.37	50.37 N	12.20 E	10 G		1.7	5 GERMANY. ML 2.2 (GRF).
14	05	59	20.8	50.226 N	12.430 E	10 G		0.4	6 GERMANY. ML 2.7 (FUR), 2.7 (GRF).
14	06	02	12.2*	25.045 S	65.116 W	33 N		1.3	7 SALTA PROVINCE, ARGENTINA
14	06	03	31.5	50.223 N	12.435 E	10 G		0.4	7 GERMANY
14	06	03	37.3*	50.243 N	12.397 E	10 G		0.5	5 GERMANY. ML 2.9 (FUR), 2.7 (KBA).
f 14	06	46	11.7	3.683 N	126.600 E	22 G	5.8 6.1	1.2	235 TALAUD ISLANDS. Ms 5.6 (PAS). Depth from broadband displacement seismograms.
14	07	14	26.4	3.617 N	126.650 E	33 N	5.1	1.3	79 TALAUD ISLANDS
14	08	34	36.3*	5.273 S	151.326 E	114 *	4.3	1.3	9 NEW BRITAIN REGION
14	08	34	50.0	50.230 N	12.428 E	10 G		0.5	6 GERMANY. ML 2.4 (GRF).
14	08	36	26.37	50.27 N	12.40 E	10 G		0.0	4 GERMANY
14	08	36	54.7	50.255 N	12.410 E	10 G		0.1	6 GERMANY. ML 2.3 (GRF).
14	09	06	41.2*	44.850 N	7.211 E	10 G		0.8	13 NORTHERN ITALY. ML 2.9 (LDG).
14	09	11	30.1	50.246 N	12.420 E	10 G		0.4	6 GERMANY
14	09	21	53.7	3.523 N	126.430 E	33 N	4.7	1.0	30 TALAUD ISLANDS
14	09	50	17.8	50.221 N	12.423 E	10 G		0.3	8 GERMANY. ML 2.4 (GRF).
14	10	38	37.3*	50.260 N	12.393 E	10 G		0.5	5 GERMANY
14	11	02	05.4	36.115 N	70.206 E	148 *	4.5	1.4	31 HINDU KUSH REGION
14	11	54	50.5	3.591 S	151.002 E	5 G	5.2	1.4	53 NEW IRELAND REGION
14	12	03	26.6	42.289 N	19.916 E	10 G		1.1	19 YUGOSLAVIA. DUR 3.3 (TTG). ML 3.2 (THE).
14	12	39	19.3	11.626 N	85.935 W	33 N	5.0 4.8	1.3	85 NICARAGUA. Some damage in the Rivas area. Felt in the Managua-Rivas area, Nicaragua and at Cartago, Costa Rica.
14	12	51	19.8*	52.542 N	171.088 W	33 N	4.7	1.0	10 FOX ISLANDS, ALEUTIAN ISLANDS
14	13	07	07.9*	4.645 S	132.988 E	33 N	4.4	1.5	10 WEST IRIAN REGION
14	13	20	02.5	42.294 N	19.927 E	10 G		1.2	16 YUGOSLAVIA. DUR 3.3 (TTG).
14	13	47	02.9	42.282 N	19.965 E	10 G		1.2	19 YUGOSLAVIA. DUR 3.3 (TTG). ML 3.2 (THE).

14	13 50 09.7	58.577 N	155.771 W	147 ?	1.5	11	ALASKA PENINSULA. Felt at King Salmon Air Force Base.
14	14 02 23.8?	44.33 N	114.20 W	5 G	0.2	6	WESTERN IDAHO. ML 2.7 (NEIS).
14	14 38 28.0*	28.086 N	140.559 E	33 N 5.1	1.3	20	BONIN ISLANDS REGION
14	14 43 33.2	42.261 N	19.965 E	10 G	1.3	22	YUGOSLAVIA. DUR 3.5 (TTG).
14	16 56 47.4*	39.832 N	26.680 E	10 G	1.7	6	TURKEY
a 14	18 13 31.5	14.712 N	57.999 E	10 G 5.5 5.3	1.2	205	ARABIAN SEA
14	18 46 24.6*	16.946 N	120.202 E	86 * 4.5	0.8	9	LUZON, PHILIPPINE ISLANDS
14	21 04 45.9	20.074 N	70.524 W	33 N 4.6 4.1	1.2	80	DOMINICAN REPUBLIC REGION
14	22 41 44.3*	36.065 N	120.650 W	5		15	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
14	23 29 45.9	2.287 N	128.630 E	33 N 5.0	0.7	21	HALMAHERA
15	00 45 38.2*	50.293 N	12.442 E	10 G	0.5	5	GERMANY
15	00 46 41.0*	29.482 S	69.466 W	33 N	1.3	9	CHILE-ARGENTINA BORDER REGION
15	01 29 20.0	39.861 N	26.694 E	10 G	1.2	9	TURKEY
15	01 35 00.0*	50.260 N	12.405 E	10 G	0.7	5	GERMANY
15	01 42 03.9	44.616 N	111.020 W	5 G	0.8	12	HEBGEN LAKE REGION. ML 3.7 (NEIS).
15	02 01 51.8	44.624 N	111.046 W	5 G	1.2	10	HEBGEN LAKE REGION. ML 2.7 (NEIS).
15	02 24 19.2	42.290 N	19.941 E	10 G	1.1	28	YUGOSLAVIA. ML 3.5 (THE). DUR 3.4 (TTG).
15	02 36 24.8*	10.083 S	123.924 E	65 * 4.9	1.5	25	TIMOR
15	04 04 46.8?	31.25 S	71.07 W	33 N	0.6	6	NEAR COAST OF CENTRAL CHILE
15	04 15 20.2?	15.04 N	92.85 W	33 N 4.0	1.6	7	MEXICO-GUATEMALA BORDER REGION
15	05 07 30.8?	23.27 N	121.80 E	33 N	0.1	5	TAIWAN
15	05 11 29.2*	16.782 S	72.845 W	33 N	0.5	5	NEAR COAST OF PERU
15	05 30 09.3*	65.095 N	148.654 W	10 G	1.4	8	ALASKA. ML 3.4 (PMR).
15	05 58 14.6?	32.30 S	74.11 W	33 N	0.4	9	OFF COAST OF CENTRAL CHILE
15	06 03 30.9*	1.165 S	76.174 W	33 N 4.0	1.4	10	ECUADOR
15	06 32 53.1	38.929 N	70.145 E	33 N 4.9	1.3	25	AFGHANISTAN-USSR BORDER REGION. Felt (V) at Chor-Sady and Bagizogon and (III) at Dushanbe, Garm and Kulyab, USSR.
15	07 14 52.2*	35.281 N	104.635 W	5 G	0.6	6	NEW MEXICO. mbLg 3.4 (NEIS), 3.6 (TUL). Felt at Garita, Trementina and Trujillo.
15	08 15 07.7?	45.56 N	26.74 E	100 G	0.5	6	ROMANIA
15	09 05 02.8	7.564 S	119.425 E	283 4.6	0.9	23	FLORES SEA
15	09 11 56.6?	18.91 S	69.70 W	33 N	0.9	5	NORTHERN CHILE
15	09 22 36.8*	62.116 N	124.287 W	10 G	1.5	7	NORTHWEST TERRITORIES, CANADA
15	10 05 45.2	50.226 N	12.435 E	10 G	0.2	7	GERMANY. ML 1.8 (GRF).
15	11 03 07.0*	13.176 N	95.712 E	33 N 4.1	1.5	9	ANDAMAN ISLANDS REGION
15	11 04 44.6	50.214 N	12.418 E	10 G	0.6	6	GERMANY
15	11 45 32.1	30.831 N	86.394 E	33 N 4.5	1.2	11	TIBET
15	12 03 03.6	44.615 N	111.000 W	5 G	0.8	8	HEBGEN LAKE REGION. ML 2.7 (NEIS).
15	12 24 34.5	5.494 S	151.619 E	58 4.8	0.8	19	NEW BRITAIN REGION
15	12 43 31.3	50.888 N	134.466 W	10 G 4.7	0.9	78	WEST OF VANCOUVER ISLAND
15	12 52 42.9	50.245 N	12.465 E	10 G	0.8	7	GERMANY. ML 2.2 (GRF).
15	12 55 41.4	50.238 N	12.443 E	10 G	0.6	7	GERMANY. ML 2.1 (GRF).
15	14 26 06.9*	39.235 N	27.740 E	10 G	0.7	6	TURKEY
15	15 24 10.1	32.894 S	72.206 W	33 N 4.4	0.9	14	OFF COAST OF CENTRAL CHILE
15	16 19 35.2	3.607 N	126.587 E	64 *	0.9	20	TALAUD ISLANDS
15	16 37 37.4?	33.58 S	72.61 W	33 N	0.5	9	OFF COAST OF CENTRAL CHILE
15	17 09 08.1	2.610 N	128.137 E	44 D 4.7	0.9	28	HALMAHERA
15	18 01 59.1?	2.98 S	145.35 E	33 N 3.2	1.5	8	ADMIRALTY ISLANDS REGION
15	18 45 29.1*	36.188 N	71.039 E	119 ? 4.5	1.4	22	AFGHANISTAN-USSR BORDER REGION
15	18 55 13.1*	50.206 N	12.439 E	10 G	0.2	5	GERMANY
15	19 35 26.1	34.872 N	136.637 E	33 N	0.7	7	SOUTHERN HONSHU, JAPAN. Felt (I JMA) at Kyoto, Hikone, Gifu, Nagoya and Nara. Also felt at Tsu.
15	20 05 11.4*	15.710 N	60.395 W	33 N	1.1	9	LEEWARD ISLANDS
15	20 05 34.3*	44.877 N	10.115 E	10 G	0.5	7	NORTHERN ITALY
15	20 23 53.5*	13.584 S	167.346 E	216 ? 4.8	1.2	74	VANUATU ISLANDS
15	21 27 26.5	37.160 N	140.079 E	35 * 4.7	1.3	18	HONSHU, JAPAN. Felt (II JMA) at Utsunomiya and Shirakawa.
15	22 02 10.2*	39.508 N	142.082 E	83 4.3	1.0	20	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Otunato and Miyako and (I JMA) at Morioka. Also felt at Hachinohe and Ishinomaki.
16	00 02 38.5	50.240 N	12.461 E	10 G	0.6	8	GERMANY. ML 3.0 (GRF).
16	00 06 16.0*	28.080 N	140.612 E	33 N 4.5	0.5	8	BONIN ISLANDS REGION
16	00 12 30.8	50.245 N	12.448 E	10 G	0.6	9	GERMANY. ML 2.3 (GRF).
16	01 25 50.3	44.605 N	111.076 W	5 G	0.7	9	HEBGEN LAKE REGION. ML 2.7 (NEIS).
16	02 22 27.5?	18.22 N	103.11 W	33 N 4.2	1.5	7	NEAR COAST OF MICHOACAN, MEXICO. Felt slightly at Mexico City.
16	02 35 00.1	50.240 N	12.452 E	10 G	0.6	9	GERMANY. ML 2.5 (FUR), 2.4 (GRF).
16	02 38 34.1	50.255 N	12.443 E	10 G	0.3	6	GERMANY. ML 2.0 (GRF).
16	02 40 10.5	50.237 N	12.499 E	10 G	0.8	6	GERMANY. ML 1.9 (GRF).
a 16	02 44 36.0	11.725 N	85.838 W	22 5.9 6.0	1.0	259	NICARAGUA. MS 6.1 (BRK), 5.9 (PAS). Six people injured by landslides and damage (VI) in the Rivas-Masaya area. Felt strongly along the Pacific coast of Nicaragua. Felt (IV) at Los Chiles, Liberia and Upala; (III) at Tilaran and Puntarenas; and (II) at Atenas and San Jose, Costa Rica. Felt (II) at San Salvador, El Salvador.
16	02 49 29.6	50.232 N	12.487 E	10 G	0.5	6	GERMANY. ML 2.0 (GRF).
16	02 56 32.7	44.629 N	111.101 W	5 G	1.0	10	HEBGEN LAKE REGION. ML 3.1 (NEIS).
16	03 17 09.0	51.567 N	7.318 E	10 G	1.2	13	GERMANY. ML 2.6 (BNS).
16	04 14 05.8?	35.81 N	21.04 E	33 N 4.1	0.8	14	MEDITERRANEAN SEA. ML 3.7 (ATH).
16	04 32 19.7*	50.651 N	7.525 E	10 G	1.2	6	GERMANY
16	05 04 47.4*	13.702 S	166.176 E	33 N 4.9	1.2	7	VANUATU ISLANDS
16	06 06 25.3*	40.697 N	127.462 W	5 G 4.5	4.6	46	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.2 (BRK).
16	07 08 22.9	38.815 N	25.824 E	9 3.8	0.9	29	AEGEAN SEA. ML 3.6 (ATH).
16	07 23 28.9	50.231 N	12.436 E	10 G	0.2	6	GERMANY. ML 2.3 (GRF).
16	07 24 43.8*	50.226 N	12.460 E	10 G	0.4	5	GERMANY. ML 1.9 (GRF).
16	07 29 59.1	50.221 N	12.448 E	10 G	0.3	6	GERMANY. ML 1.8 (GRF).
16	07 36 22.5	38.834 N	25.774 E	7 3.8	0.6	27	AEGEAN SEA. ML 3.5 (ATH).
16	07 39 02.8	44.610 N	111.067 W	5 G	0.9	8	HEBGEN LAKE REGION. ML 2.7 (NEIS).
16	08 03 09.9	14.153 S	166.194 E	33 N 5.6	1.3	91	VANUATU ISLANDS
f 16	08 04 07.0	14.073 S	166.251 E	37 6.0 6.7	1.2	228	VANUATU ISLANDS. Ms 6.8 (BRK), 6.4 (PAS).
16	08 07 15.7	3.717 N	126.758 E	61 ? 4.9 5.7	1.3	27	TALAUD ISLANDS

16	09 09 52.0&	36.340 N	117.980 W	6 G			15	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.2 (BRK).
16	09 20 31.0	38.872 N	25.864 E	21 *		0.9	12	AEGEAN SEA. ML 3.3 (ATH).
16	09 27 16.7*	31.312 S	68.301 W	118 ?		1.2	12	SAN JUAN PROVINCE, ARGENTINA
16	11 07 50.1	50.226 N	12.443 E	10 G		0.3	8	GERMANY. ML 2.5 (GRF).
16	11 13 50.1	3.667 N	126.609 E	33 N	4.9	1.0	25	TALAUD ISLANDS
16	12 12 49.2*	14.155 S	166.245 E	33 N	4.8	1.3	12	VANUATU ISLANDS
16	13 02 16.2	35.934 N	139.763 E	33 N		0.8	10	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) at Utsunomiya and (I JMA) at Yokohama and Tokyo.
16	13 11 02.4	50.217 N	12.432 E	10 G		0.3	8	GERMANY. ML 2.6 (FUR).
16	13 21 38.6	42.313 N	19.949 E	10 G		1.1	11	YUGOSLAVIA. DUR 2.6 (TTG).
16	13 31 16.7*	50.249 N	12.407 E	10 G		0.3	5	GERMANY
16	14 06 03.0	50.183 N	12.386 E	10 G		1.2	23	GERMANY. ML 4.5 (VKA), 4.2 (KBA), 4.1 (FUR), 3.5 (GRF). Felt (V) at Selb and (III) at Marktredwitz.
16	14 16 53.9	50.217 N	12.441 E	10 G		0.6	10	GERMANY. ML 3.9 (VKA), 3.7 (KBA), 3.6 (FUR), 3.3 (GRF).
16	14 27 40.1*	50.251 N	12.340 E	10 G		0.9	5	GERMANY
16	14 33 14.2	44.621 N	111.099 W	5 G		1.1	10	HEBGEN LAKE REGION. ML 2.6 (NEIS).
16	14 42 44.4	21.447 S	67.700 W	171	5.2	1.2	72	CHILE-BOLIVIA BORDER REGION
16	14 53 52.6	44.612 N	110.986 W	5 G		0.5	8	YELLOWSTONE NATIONAL PARK, WYO. ML 2.7 (NEIS).
16	15 04 39.3	50.220 N	12.446 E	10 G		0.2	8	GERMANY. ML 2.8 (FUR), 2.6 (GRF).
16	15 16 54.4	50.227 N	12.451 E	10 G		0.3	6	GERMANY. ML 2.0 (GRF).
16	15 25 49.6	50.221 N	12.453 E	10 G		0.3	6	GERMANY. ML 2.2 (GRF).
16	15 56 49.9*	28.371 S	175.548 W	33 N	4.9	1.4	23	KERMADEC ISLANDS REGION
o 16	16 56 45.0	47.676 S	136.547 E	10 G	5.4 5.3	1.2	91	SOUTH OF AUSTRALIA
16	16 59 59.7	44.634 N	111.084 W	5 G		1.1	9	HEBGEN LAKE REGION. ML 2.7 (NEIS).
16	17 20 36.7	50.233 N	12.446 E	10 G		0.3	6	GERMANY. ML 2.3 (GRF).
16	17 37 11.3	14.273 S	166.157 E	33 N	5.0	1.2	44	VANUATU ISLANDS
16	17 44 24.9	39.277 N	27.739 E	10 G		1.0	7	TURKEY
16	18 02 43.6	39.228 N	27.738 E	22		0.5	8	TURKEY
16	18 55 29.7	50.189 N	12.380 E	24		1.1	20	GERMANY. ML 3.9 (VKA), 3.7 (KBA), 3.7 (FUR), 3.5 (GRF). Felt (IV) at Selb.
16	18 58 25.9	50.224 N	12.430 E	10 G		0.3	8	GERMANY. ML 2.8 (FUR), 2.5 (GRF).
16	19 00 57.3	50.226 N	12.450 E	10 G		0.4	6	GERMANY. ML 2.2 (GRF).
16	19 24 00.8	50.235 N	12.434 E	10 G		0.1	6	GERMANY. ML 1.8 (GRF).
16	19 59 17.4?	22.32 N	121.47 E	33 N		0.5	6	TAIWAN REGION
16	20 01 09.9	50.248 N	12.412 E	10 G		0.5	7	GERMANY. ML 2.8 (FUR), 2.7 (GRF).
16	20 02 36.1*	50.237 N	12.406 E	10 G		0.2	5	GERMANY
16	20 32 38.7*	50.231 N	12.453 E	10 G		0.2	5	GERMANY. ML 1.9 (GRF).
16	20 53 02.8	50.229 N	12.431 E	10 G		0.3	7	GERMANY. ML 2.8 (FUR), 2.5 (GRF).
16	21 10 56.4	50.229 N	12.441 E	10 G		0.3	8	GERMANY. ML 2.5 (GRF).
16	21 16 17.2	50.183 N	12.507 E	10 G		1.4	20	GERMANY. ML 4.1 (VKA), 4.0 (FUR), 4.0 (KBA), 3.7 (BNS). Felt (IV) at Selb.
16	21 31 14.7*	50.217 N	12.417 E	10 G		0.2	5	GERMANY
16	21 34 31.6	50.218 N	12.456 E	10 G		0.4	6	GERMANY. ML 1.8 (GRF).
16	21 36 49.4	50.213 N	12.463 E	10 G		0.4	7	GERMANY. ML 3.3 (GRF).
16	22 10 13.4	50.230 N	12.433 E	10 G		0.2	6	GERMANY. ML 1.7 (GRF).
16	22 32 23.6	50.233 N	12.433 E	10 G		0.4	6	GERMANY. ML 1.8 (GRF).
16	22 51 51.1	35.668 N	29.521 E	31	4.2	1.4	72	EASTERN MEDITERRANEAN SEA
16	23 06 24.2	50.216 N	12.485 E	10 G		1.0	13	GERMANY. ML 3.7 (VKA), 3.5 (KBA), 3.4 (FUR), 3.2 (GRF).
16	23 09 44.7	50.241 N	12.460 E	10 G		0.5	12	GERMANY. ML 3.7 (VKA), 3.5 (KBA), 3.4 (FUR), 3.2 (GRF).
16	23 15 39.5*	50.208 N	12.453 E	10 G		0.6	5	GERMANY. ML 2.1 (GRF).
16	23 30 32.0	50.255 N	12.424 E	10 G		0.6	6	GERMANY. ML 1.8 (GRF).
16	23 46 33.2	50.225 N	12.440 E	10 G		0.6	6	GERMANY. ML 1.8 (GRF).
16	23 47 06.3&	35.990 N	117.880 W	4			13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
16	23 47 22.2?	35.83 S	70.70 W	33 N		0.7	9	CHILE-ARGENTINA BORDER REGION
o 17	00 13 19.8	36.003 S	53.512 E	10 G	5.2 5.2	1.1	67	SOUTH INDIAN OCEAN
17	00 27 47.3*	50.229 N	12.467 E	10 G		0.3	5	GERMANY
17	00 43 42.6	39.270 N	27.748 E	10 G		0.7	15	TURKEY
o 17	00 49 44.9	36.024 S	53.460 E	10 G	5.4 5.3	1.2	82	SOUTH INDIAN OCEAN
17	00 59 21.6*	50.235 N	12.454 E	10 G		0.4	5	GERMANY
17	01 15 32.5	50.217 N	12.435 E	10 G		1.1	13	GERMANY. ML 3.8 (VKA), 3.7 (KBA), 3.7 (FUR), 3.2 (GRF).
17	01 16 07.6*	50.084 N	10.112 E	10 G		1.6	5	GERMANY
17	01 23 18.7*	50.221 N	12.470 E	10 G		0.2	5	GERMANY. ML 2.0 (GRF).
17	01 33 14.3	3.823 S	127.612 E	33 N	4.8	1.2	34	CERAM. Felt (III) on Ambon.
17	01 34 35.0	50.246 N	12.433 E	10 G		0.3	6	GERMANY. ML 1.9 (GRF).
17	01 35 46.4	50.211 N	12.455 E	10 G		0.1	6	GERMANY. ML 2.2 (GRF).
17	01 37 20.3	50.222 N	12.446 E	10 G		0.4	8	GERMANY. ML 1.9 (GRF).
17	02 45 27.6%	29.064 S	66.622 W	33 N		1.3	6	LA RIOJA PROVINCE, ARGENTINA
17	03 04 57.4*	3.797 S	127.616 E	33 N	4.6	0.7	10	CERAM
17	04 03 51.2*	50.257 N	12.433 E	10 G		0.6	5	GERMANY
17	04 10 59.9&	61.604 N	148.178 W	25			40	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR). Felt (II) at Chickaloon and Sutton.
17	04 49 52.8*	37.669 N	21.999 E	10 G	3.9	1.4	12	SOUTHERN GREECE
17	05 14 13.6	50.220 N	12.438 E	10 G		0.2	8	GERMANY. ML 3.1 (FUR), 2.9 (GRF).
17	05 16 33.4*	39.466 N	25.991 E	10 G		1.5	6	AEGEAN SEA
17	05 18 42.5	50.211 N	12.453 E	10 G		0.3	6	GERMANY. ML 1.8 (GRF).
17	05 20 04.3	50.208 N	12.514 E	10 G		1.3	13	GERMANY. ML 3.3 (FUR), 3.0 (GRF).
17	06 27 16.7	44.618 N	111.048 W	5 G		1.1	9	HEBGEN LAKE REGION. ML 3.0 (NEIS).
17	06 37 48.2*	21.851 S	67.376 W	225 ?		1.2	8	CHILE-BOLIVIA BORDER REGION
17	06 54 23.8	24.896 N	67.395 E	33 N	4.9 5.0	1.1	72	PAKISTAN. Slight damage at Karachi.
17	08 32 31.4*	18.244 S	35.124 E	10 G		0.5	5	MOZAMBIQUE
17	08 54 23.1	39.278 N	27.607 E	10 G		0.8	9	TURKEY
17	09 49 49.7*	50.254 N	12.409 E	10 G		0.2	5	GERMANY. ML 2.0 (GRF).
17	10 15 26.5	50.211 N	12.442 E	10 G		0.3	6	GERMANY. ML 2.3 (GRF).
17	10 47 12.2	50.230 N	12.451 E	10 G		0.2	6	GERMANY. ML 2.0 (GRF).
17	11 26 53.4	50.189 N	12.436 E	8		1.4	13	GERMANY. ML 3.7 (VKA), 3.4 (KBA), 3.4 (FUR), 2.7 (GRF).
17	11 32 17.4	50.216 N	12.452 E	10 G		0.2	8	GERMANY. ML 2.7 (GRF).
17	11 32 32.1*	31.539 S	68.494 W	131 *		1.4	18	SAN JUAN PROVINCE, ARGENTINA
17	11 41 14.6	50.220 N	12.447 E	10 G		0.3	8	GERMANY. ML 2.6 (GRF).
17	12 27 12.5	50.214 N	12.465 E	10 G		0.3	5	GERMANY. ML 1.8 (GRF).
17	12 40 14.6	50.222 N	12.434 E	10 G		0.2	5	GERMANY
17	12 54 54.4	6.469 S	129.999 E	159 *	4.9	1.3	31	BANDA SEA
17	13 46 13.6	42.240 N	19.825 E	10 G	3.4	1.4	41	YUGOSLAVIA. DUR 3.5 (TTG).

17	14 47 50.0	3.746 N	126.655 E	33 N	4.9	1.0	51	TALAUD ISLANDS
17	14 56 50.4	4.458 S	128.419 E	228	5.2	1.3	42	BANDA SEA
17	16 30 31.3	39.466 N	26.314 E	10 G		0.6	5	TURKEY
17	16 31 42.3	60.222 N	143.404 W	22			15	SOUTHERN ALASKA. <AGS-P>.
17	16 50 12.0	50.235 N	12.440 E	10 G		0.6	9	GERMANY. ML 3.4 (VKA), 3.2 (KBA), 2.4 (GRF).
17	18 06 49.3	34.40 S	71.25 W	33 N		0.3	8	NEAR COAST OF CENTRAL CHILE
17	18 22 45.4	50.241 N	12.450 E	10 G		0.4	6	GERMANY
17	19 59 47.5	50.227 N	12.426 E	10 G		0.3	8	GERMANY. ML 2.6 (GRF).
17	20 55 32.2	51.374 N	15.595 E	10 G		1.6	5	POLAND. ML 3.2 (VKA).
17	21 11 22.0	50.245 N	12.425 E	10 G		0.3	5	GERMANY. ML 1.8 (GRF).
17	21 23 42.4	45.970 N	2.690 E	10 G		0.3	5	FRANCE. ML 2.1 (LDG).
a	17 21 41 39.7	21.783 S	176.612 W	195	5.2	1.1	104	FIJI ISLANDS REGION
17	21 42 18.8	50.237 N	12.380 E	23		0.6	10	GERMANY. ML 3.3 (KBA), 3.2 (VKA), 2.7 (GRF).
17	22 26 57.2	39.264 N	27.683 E	10 G		1.4	5	TURKEY
17	22 32 41.8	39.265 N	27.689 E	10 G		0.2	5	TURKEY
17	23 10 18.5	42.261 N	20.012 E	10 G		1.5	14	YUGOSLAVIA. DUR 3.0 (TTG).
18	00 00 45.8	50.249 N	12.450 E	10 G		0.2	5	GERMANY
18	00 15 00.0	50.226 N	12.411 E	10 G		0.4	5	GERMANY
18	00 47 28.8	28.095 N	140.570 E	33 N	5.1	1.5	20	BONIN ISLANDS REGION
18	01 18 13.1	40.490 N	22.611 E	10 G		0.1	5	GREECE
18	02 15 34.5	4.695 N	33.199 E	10 G	4.3	1.5	7	SUDAN
18	02 44 53.9	39.271 N	26.172 E	10 G	3.8	0.9	34	TURKEY. ML 3.7 (ATH).
18	03 00 10.5	34.04 S	71.84 W	33 N		0.4	10	NEAR COAST OF CENTRAL CHILE
18	03 15 14.6	50.229 N	12.446 E	10 G		0.2	6	GERMANY. ML 1.9 (GRF).
18	03 21 32.1	50.256 N	12.413 E	10 G		0.4	5	GERMANY
18	03 57 46.8	32.093 N	132.203 E	46 *	4.4	1.4	16	SHIKOKU, JAPAN. Felt (II JMA) at Nobeoko, Kyushu.
18	04 03 46.5	13.891 S	166.774 E	33 N	4.9	1.2	47	VANUATU ISLANDS
18	04 35 23.3	50.209 N	12.431 E	10 G		0.2	8	GERMANY. ML 2.1 (GRF).
18	04 45 02.1	23.109 S	66.924 W	225 *		1.2	11	JUJUY PROVINCE, ARGENTINA
18	04 50 18.7	39.151 N	25.781 E	10 G		1.3	6	AEGEAN SEA
18	04 51 08.3	50.290 N	12.403 E	10 G		0.4	5	GERMANY. ML 2.0 (GRF).
18	04 55 07.3	42.303 N	19.907 E	10 G		1.2	12	YUGOSLAVIA. DUR 3.2 (TTG).
18	05 46 00.7	39.201 N	26.175 E	20	5.0	1.2	157	TURKEY. ML 5.0 (TIR), 4.8 (KBN), 4.7 (ATH). Slight damage on Lesbos, Greece.
18	06 06 56.5	58.062 N	32.357 W	10 G	4.7 4.5	1.1	55	NORTH ATLANTIC OCEAN
18	06 38 21.9	39.141 N	25.308 E	10 G		1.6	6	AEGEAN SEA
18	06 39 02.5	42.286 N	19.920 E	10 G		1.1	8	YUGOSLAVIA. DUR 3.0 (TTG).
18	06 45 59.4	44.621 N	111.023 W	5 G		0.6	9	HEBGEN LAKE REGION. ML 3.0 (NEIS).
o	18 07 23 31.8	5.317 S	154.297 E	212	5.0	1.0	40	SOLOMON ISLANDS
18	08 03 18.9	58.173 N	32.417 W	10 G	4.7 4.2	1.3	45	NORTH ATLANTIC OCEAN
18	08 08 43.1	39.09 N	25.16 E	10 G		0.3	6	AEGEAN SEA
18	08 26 06.8	41.454 N	22.264 E	10 G		0.9	14	YUGOSLAVIA. Felt (IV) in the Negotino-Demir Kapijo area.
18	09 30 54.7	42.291 N	19.875 E	10 G		1.1	11	YUGOSLAVIA
18	09 53 41.6	51.659 N	7.593 E	10 G		0.5	6	GERMANY
18	10 25 41.8	31.661 S	69.904 W	33 N		1.3	14	SAN JUAN PROVINCE, ARGENTINA
18	11 57 17.0	4.707 S	151.934 E	33 N	4.1	1.6	11	NEW BRITAIN REGION
18	12 20 36.8	39.251 N	26.320 E	10 G		1.3	5	TURKEY
18	12 35 05.7	35.289 S	71.136 W	94 *	4.6	0.9	20	CENTRAL CHILE
18	13 36 56.3	39.148 N	26.111 E	10 G		0.9	9	TURKEY
18	14 29 02.4	50.214 N	12.424 E	10 G		0.3	8	GERMANY. ML 2.1 (GRF).
18	14 34 40.2	50.239 N	12.441 E	10 G		0.6	8	GERMANY. ML 2.8 (GRF).
18	15 44 02.6	0.09 S	123.82 E	113 *	4.4	1.2	13	MINAHASSA PENINSULA
18	15 53 41.7	39.177 N	26.130 E	10 G		0.6	5	TURKEY
18	15 57 50.3	39.097 N	25.660 E	10 G		0.6	7	AEGEAN SEA
18	16 53 53.0	32.082 N	132.083 E	50	4.8 5.0	1.2	63	SHIKOKU, JAPAN. Felt (I JMA) at Nobeoka, Oita and Kyushu. Also felt at Miyazaki.
18	17 00 12.9	13.954 S	166.995 E	33 N	4.9	1.1	18	VANUATU ISLANDS
18	17 17 34.4	39.211 N	26.260 E	17		1.0	18	TURKEY. ML 3.5 (ATH).
18	17 23 16.0	44.619 N	111.040 W	5 G		0.8	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
18	17 45 23.7	28.148 N	140.657 E	33 N	5.0 4.5	1.4	20	BONIN ISLANDS REGION
18	19 28 23.1	44.621 N	111.065 W	5 G		0.7	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
18	20 32 29.6	33.53 S	72.42 W	33 N		0.7	10	OFF COAST OF CENTRAL CHILE
18	21 10 21.9	37.551 N	118.726 W	5 G		0.8	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (PAS).
18	21 22 33.4	35.279 N	69.756 E	33 N	4.3	1.4	9	HINDU KUSH REGION
18	21 58 44.8	16.54 N	98.82 W	33 N	4.6	1.5	13	NEAR COAST OF GUERRERO, MEXICO
18	22 13 11.1	50.214 N	12.438 E	10 G		0.3	8	GERMANY. ML 2.3 (GRF).
18	22 17 10.6	39.002 N	21.836 E	10 G		0.8	10	GREECE. ML 3.3 (ATH).
18	22 29 16.6	18.73 S	173.57 W	33 N	4.6	1.3	9	TONGA ISLANDS
18	22 36 26.2	5.158 N	74.848 W	11	5.0 4.3	1.5	97	COLOMBIA. Felt (VI) in central Colombia.
19	00 46 56.1	39.286 N	75.460 E	33 N	4.8	1.0	62	SOUTHERN XINJIANG, CHINA
19	01 50 27.8	39.335 N	75.470 E	33 N	4.8	1.1	54	SOUTHERN XINJIANG, CHINA
19	02 00 59.3	50.218 N	12.430 E	10 G		0.2	8	GERMANY. ML 2.4 (GRF).
19	02 49 11.1	16.668 N	100.349 W	33 N		0.5	6	NEAR COAST OF GUERRERO, MEXICO
19	03 26 41.7	62.173 N	147.167 W	33			31	CENTRAL ALASKA. <AGS-P>.
a	19 04 23 02.2	15.180 S	173.622 W	33 N	5.3 5.0	1.2	98	TONGA ISLANDS. Ms 5.2 (BRK).
19	05 14 12.8	13.957 N	93.362 W	33 N	4.2	0.9	12	OFF COAST OF CHIAPAS, MEXICO
19	05 16 07.8	52.905 N	159.635 E	33 N	5.0	0.8	71	OFF EAST COAST OF KAMCHATKA
19	05 26 21.4	4.125 S	151.034 E	33 N	3.6	1.6	6	NEW BRITAIN REGION
19	06 31 09.3	34.988 N	23.086 E	33 N	4.7	1.5	19	CRETE
19	07 32 00.9	15.268 N	91.978 W	33 *	4.8 4.0	1.1	61	MEXICO-GUATEMALA BORDER REGION. Several buildings damaged near Tacana Volcano. Felt at Tapochula, Mexico.
19	08 01 45.0	24.21 N	122.95 E	10 G		0.4	5	TAIWAN REGION
19	09 27 42.0	39.204 N	126.204 E	16	4.0	1.1	33	TURKEY. ML 3.9 (ATH).
19	11 26 56.9	25.025 N	123.708 E	136	4.1	1.2	24	NORTHEAST OF TAIWAN. Felt on Ishigaki-shima, Ryukyu Islands, Japan.
19	12 25 35.0	16.26 N	63.12 W	33 N		1.3	10	LEEWARD ISLANDS. ML 3.5 (PAG).
19	13 03 13.0	34.050 N	118.483 W	6 G			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt (III) at Culver City. Also felt at Marino del Rey, Plovo del Rey, El Segundo and Venice.
19	13 24 38.6	37.211 N	118.157 W	5 G		0.6	17	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (BRK). 3.2 (PAS).
19	13 35 10.8	50.222 N	12.440 E	10 G		0.3	5	GERMANY. ML 2.0 (GRF).

19	13	46	29.8*	28.237	N	140.687	E	33	N	4.8	1.3	17	BONIN ISLANDS REGION	
19	13	50	04.2	38.666	N	75.785	E	33	N	4.5	1.0	18	SOUTHERN XINJIANG, CHINA	
19	13	58	39.77	28.34	S	71.01	W	33	N	5.0	1.9	19	NEAR COAST OF CENTRAL CHILE	
19	14	34	56.8	40.184	N	27.264	E	12			0.8	36	TURKEY. ML 4.1 (ATH).	
19	14	52	45.7*	39.198	N	26.186	E	10	G		1.0	5	TURKEY	
19	15	15	57.1	39.262	N	26.334	E	12			1.3	16	TURKEY. ML 3.5 (ATH).	
19	15	27	01.57	33.51	N	139.15	E	33	N	4.5	1.0	9	SOUTH OF HONSHU, JAPAN	
19	15	33	26.27	5.52	S	146.92	E	195	*	4.9	1.2	16	EAST PAPUA NEW GUINEA REGION	
o	19	15	39	03.9	0.077	N	123.563	E	161	5.6	1.2	165	MINAHASSA PENINSULA	
19	17	33	39.9	14.921	N	45.078	W	10	G	4.5	0.9	24	NORTH ATLANTIC RIDGE	
19	18	01	54.0	39.579	N	27.175	E	10	G		0.9	8	TURKEY	
19	20	16	46.2	50.241	N	12.417	E	12			0.3	8	GERMANY. ML 2.0 (GRF).	
19	20	54	58.8	50.221	N	12.431	E	10	G		0.3	8	GERMANY. ML 2.3 (GRF).	
19	21	24	23.57	33.66	S	68.60	W	180	?		0.5	8	MENDOZA PROVINCE, ARGENTINA	
19	21	43	17.7*	17.205	N	62.333	W	30	*		0.6	6	LEEWARD ISLANDS	
19	22	28	17.67	25.59	S	175.01	W	33	N		1.7	8	SOUTH OF TONGA ISLANDS	
19	22	32	25.7*	35.221	N	24.529	E	77	*	4.6	1.5	24	CRETE	
19	23	08	58.8	42.233	N	19.945	E	10			1.1	24	YUGOSLAVIA. DUR 3.5 (TTG).	
20	00	22	22.6*	29.501	N	51.640	E	33	N	4.4	1.1	20	SOUTHERN IRAN	
20	00	42	42.3*	24.752	N	67.641	E	33	N	4.7	1.5	16	PAKISTAN	
20	01	27	40.87	15.52	N	92.04	W	33	N	3.9	1.4	13	MEXICO-GUATEMALA BORDER REGION. Felt at Tapachula, Mexico.	
20	01	45	08.3	44.626	N	111.002	W	5	G		0.6	9	HEBGEN LAKE REGION. ML 2.6 (NEIS).	
20	01	52	58.7*	39.296	N	75.588	E	46	*	4.8	1.4	24	SOUTHERN XINJIANG, CHINA	
20	01	59	37.8*	28.086	N	140.685	E	33	N	4.6	0.8	7	BONIN ISLANDS REGION	
20	02	33	02.9	2.476	S	78.794	W	106	*	4.4	1.1	22	ECUADOR	
20	02	51	07.2	18.168	S	69.540	W	148		4.5	1.2	20	NORTHERN CHILE	
20	02	54	25.5*	44.344	N	7.399	E	10	G		0.4	7	NORTHERN ITALY. ML 2.8 (LDG).	
20	03	39	11.2*	59.997	N	153.024	W	100			24	SOUTHERN ALASKA. <AGS-P>.		
o	20	03	49	09.2	3.652	S	140.311	E	44	*	5.5 5.5	1.2	111	WEST IRIAN
20	04	09	49.2	42.279	N	19.967	E	10	G		1.3	29	YUGOSLAVIA. DUR 3.4 (TTG).	
20	04	52	03.3	44.601	N	111.029	W	5	G		0.5	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).	
20	07	10	02.1	44.582	N	2.466	E	10	G		0.8	9	FRANCE. ML 2.7 (LDG).	
20	08	02	20.2	42.369	N	19.862	E	10	G		0.4	9	YUGOSLAVIA. DUR 3.1 (TTG).	
20	08	18	04.1*	22.026	S	68.987	W	152	*		1.4	11	NORTHERN CHILE	
20	08	29	26.27	21.42	S	179.02	W	588	*	4.2	0.7	10	FIJI ISLANDS REGION	
20	08	44	21.0*	51.060	N	13.996	E	10	G		1.2	5	GERMANY. ML 3.7 (VKA), 3.1 (KBA).	
20	09	32	31.6	33.205	S	68.541	W	33	N		1.1	9	MENDOZA PROVINCE, ARGENTINA. Felt (III) at Mendoza.	
20	10	45	29.9	39.168	N	25.980	E	10	G		0.9	10	AEGEAN SEA	
20	10	58	48.2	18.312	S	177.780	W	618	*	4.8	1.2	70	FIJI ISLANDS REGION	
20	11	18	37.2	42.257	N	19.981	E	10	G		1.0	11	YUGOSLAVIA	
20	11	41	02.6	10.181	N	92.806	E	64	*	4.9	1.3	85	ANDAMAN ISLANDS REGION	
20	11	49	40.0*	10.261	S	160.882	E	33	N	4.6	1.1	14	SOLOMON ISLANDS	
20	12	16	10.7	10.397	S	161.228	E	89		5.0	1.1	54	SOLOMON ISLANDS. Felt at Honiara, Guadalcanal.	
20	14	28	28.8*	28.099	N	140.720	E	33	N	4.9	1.2	9	BONIN ISLANDS REGION	
20	14	46	49.9*	61.912	N	150.410	W	65			38	SOUTHERN ALASKA. <AGS-P>.		
20	14	52	56.0*	60.192	N	152.482	W	91			25	SOUTHERN ALASKA. <AGS-P>.		
20	15	53	49.6	50.211	N	12.469	E	10	G		0.6	6	GERMANY. ML 1.8 (GRF).	
20	16	36	29.2	50.175	N	12.443	E	10	G		1.2	42	GERMANY. ML 4.6 (VKA), 4.6 (FUR), 4.3 (KBA), 4.2 (GRF). Felt (IV) at Selb, Hof and Tirschenreuth.	
20	17	38	43.0*	50.250	N	12.396	E	10	G		0.2	5	GERMANY	
20	22	21	14.27	41.00	N	15.47	E	10	G		1.0	8	SOUTHERN ITALY	
20	23	21	49.6	42.258	N	19.949	E	10	G		1.5	25	YUGOSLAVIA. DUR 3.5 (TTG).	
20	23	45	05.7*	60.929	N	147.512	W	21			28	SOUTHERN ALASKA. <AGS-P>.		
21	00	01	20.2	50.191	N	12.418	E	10	G		0.9	18	GERMANY. ML 3.8 (FUR), 3.7 (VKA), 3.6 (KVA), 3.0 (GRF).	
21	00	14	21.4	13.973	S	166.756	E	33	N	4.6	1.0	46	VANUATU ISLANDS	
21	00	24	53.2	50.232	N	12.431	E	10	G		0.4	6	GERMANY. ML 2.1 (GRF).	
f	21	01	13	22.4	13.966	S	166.516	E	43	G	6.0 7.3	1.2	263	VANUATU ISLANDS. Ms 7.6 (BRK), 6.9 (PAS). Depth from broadband displacement seismograms.
21	01	49	39.6	42.267	N	19.930	E	10	G	4.0	1.2	48	YUGOSLAVIA. DUR 3.5 (TTG).	
21	02	06	28.8	14.082	S	166.579	E	33	N	5.3	1.1	131	VANUATU ISLANDS	
21	02	07	48.6	50.192	N	12.414	E	20			1.0	21	GERMANY. ML 4.0 (FUR), 3.7 (GRF), 3.7 (KBA), 4.2 (VKA). Felt (IV) at Selb and Rehau.	
21	02	12	50.2*	39.215	N	26.259	E	10	G		0.7	6	TURKEY	
21	02	23	41.6	13.938	S	166.574	E	33	N	5.2	1.2	62	VANUATU ISLANDS	
a	21	02	46	33.2	14.092	S	166.654	E	33	N	5.8 6.5	1.1	240	VANUATU ISLANDS
21	02	49	56.1	34.899	N	139.158	E	10	G		0.3	6	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) at Ajiro and an Oshima.	
21	03	09	42.7*	14.145	S	166.712	E	33	N	5.1	1.3	12	VANUATU ISLANDS	
21	03	42	34.0*	13.745	S	166.668	E	33	N	4.3	1.2	32	VANUATU ISLANDS	
21	04	09	36.3	12.401	N	142.966	E	33	N	4.6	0.9	16	SOUTH OF MARIANA ISLANDS	
21	05	04	12.17	51.49	N	16.03	E	10	G		1.1	9	POLAND. ML 4.0 (GRF), 4.0 (KBA).	
21	05	05	35.7	37.604	N	35.501	E	33	N	4.6	1.2	42	TURKEY	
21	05	08	03.1*	12.428	N	142.985	E	33	N	4.7	0.9	11	SOUTH OF MARIANA ISLANDS	
21	05	53	36.0	50.226	N	12.444	E	10	G		0.4	7	GERMANY. ML 2.6 (GRF).	
21	05	58	29.2*	22.667	N	120.870	E	33	N		0.1	5	TAIWAN	
21	06	11	14.1*	37.519	N	35.176	E	33	N	4.3	1.1	16	TURKEY	
21	07	41	29.4*	44.699	N	12.021	E	10	G		1.4	13	NORTHERN ITALY. ML 3.4 (KBA), 3.1 (TRI), 3.0 (LDG).	
21	09	22	17.4*	14.168	S	166.845	E	33	N	4.4	0.9	21	VANUATU ISLANDS	
21	09	44	05.3	14.218	S	166.540	E	33	N	4.9	1.2	38	VANUATU ISLANDS	
21	09	47	19.9	50.220	N	12.449	E	10	G		0.5	6	GERMANY. ML 2.1 (GRF).	
21	09	57	39.0	25.107	S	179.387	E	494		4.9	0.7	51	SOUTH OF FIJI ISLANDS	
o	21	10	01	58.6	14.187	S	166.452	E	33	N	5.6 5.9	1.3	137	VANUATU ISLANDS. Ms 6.2 (BRK), 5.6 (PAS).
21	10	04	11.1	50.178	N	12.439	E	24			1.3	39	GERMANY. ML 4.5 (FUR), 4.3 (GRF), 4.6 (VKA), 4.3 (BNS). Felt (VI) in the Cheb, Czechoslovakia area. Felt at Selb.	
21	10	10	43.0	24.596	N	125.745	E	57		5.3	1.2	62	SOUTHWESTERN RYUKYU ISLANDS. Felt (I JMA) on Miyako-jima.	
21	10	16	17.0	50.333	N	12.325	E	10	G		1.1	79	GERMANY. ML 5.1 (GRF), 5.1 (BNS), 5.0 (KOE). DUR 5.0 (KBA), 5.0 (VKA). Slight damage (VI) at Selb, Thiersheim, Thierstein and Rehau. Felt (II) at Bamberg, Nuernberg, Regensburg and Stroubing. Felt (III) in the Karlsruhe area and (II) at Vienna and Sarasdorf.	

21	10 31 03.8	12.437 N	142.929 E	33 N	1.4	31	Austria. Felt (VII) in the Cheb, Czechoslovakia area.
21	10 35 41.1	50.221 N	12.452 E	10 G	0.4	6	SOUTH OF MARIANA ISLANDS
21	10 51 24.3	50.222 N	12.441 E	10 G	0.5	8	GERMANY
21	11 09 52.0	14.160 S	166.601 E	33 N 5.3	1.0	125	GERMANY. ML 3.4 (FUR), 3.1 (GRF).
21	11 18 12.4	42.272 N	19.912 E	7 4.4	1.1	79	VANUATU ISLANDS
21	11 33 25.9?	42.06 N	20.19 E	10 G	1.4	6	YUGOSLAVIA. DUR 4.0 (TTG).
21	11 40 19.2	50.215 N	12.431 E	10 G	0.5	8	YUGOSLAVIA
21	11 56 38.3	50.226 N	12.448 E	10 G	0.5	7	GERMANY
21	12 22 49.7	50.212 N	12.445 E	10 G	0.3	8	GERMANY. ML 3.2 (FUR), 3.0 (GRF).
21	12 24 33.7?	38.64 N	142.51 E	33 N	0.5	6	GERMANY. ML 2.8 (FUR), 2.8 (GRF).
							NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Ofunato.
21	12 29 15.3	50.221 N	12.403 E	10 G	0.9	10	GERMANY. ML 3.5 (FUR), 3.1 (GRF), 3.4 (KBA), 3.6 (VKA).
21	12 44 48.9*	50.209 N	12.444 E	10 G	0.7	5	GERMANY
21	13 02 18.5	50.193 N	12.431 E	10 G	1.1	6	GERMANY
21	13 04 25.1*	50.259 N	12.410 E	10 G	0.2	5	GERMANY
21	13 11 29.3	14.069 S	166.779 E	33 N 4.6	1.2	39	VANUATU ISLANDS
21	13 14 22.2	50.204 N	12.444 E	10 G	0.4	6	GERMANY. ML 2.1 (GRF).
21	13 32 12.3	12.501 N	142.904 E	33 N 4.8	1.1	14	SOUTH OF MARIANA ISLANDS
21	13 59 23.8?	20.87 S	172.54 W	33 N 4.9	0.8	6	TONGA ISLANDS REGION
21	14 31 40.0?	39.14 N	21.89 E	10 G	1.0	9	GREECE
o 21	14 40 29.7	14.114 S	166.365 E	33 N 5.4 5.3	1.2	91	VANUATU ISLANDS
21	15 30 55.4	50.236 N	12.431 E	10 G	0.2	8	GERMANY. ML 2.6 (FUR), 2.4 (GRF).
21	15 34 57.8*	50.240 N	12.434 E	10 G	0.1	5	GERMANY
21	15 37 55.7	50.219 N	12.438 E	10 G	0.4	6	GERMANY. ML 2.3 (GRF).
21	16 02 49.0	50.241 N	12.444 E	10 G	0.3	9	GERMANY. ML 3.3 (VKA), 3.2 (FUR), 3.2 (KBA), 3.2 (GRF).
21	16 03 12.5*	14.350 S	166.495 E	33 N 3.9	0.7	11	VANUATU ISLANDS
21	16 42 31.4?	17.25 N	101.17 W	33 N	1.0	6	NEAR COAST OF GUERRERO, MEXICO
21	16 47 08.5	50.251 N	12.433 E	10 G	0.4	6	GERMANY
21	16 51 59.6	50.237 N	12.427 E	10 G	0.3	6	GERMANY
21	17 11 06.1	50.222 N	12.434 E	10 G	0.3	7	GERMANY. ML 2.6 (FUR), 2.5 (GRF).
21	17 13 18.5	50.210 N	12.376 E	10 G	0.5	9	GERMANY. ML 3.0 (FUR), 3.1 (GRF), 3.3 (KBA), 3.5 (VKA).
21	17 19 22.5	46.895 N	8.306 E	9	0.8	33	SWITZERLAND. ML 3.6 (LDG), 3.1 (KBA).
21	17 22 31.2	50.224 N	12.429 E	10 G	0.3	8	GERMANY. ML 2.4 (FUR), 2.3 (GRF).
21	17 50 15.8	12.506 N	142.798 E	33 N 4.9	1.2	27	SOUTH OF MARIANA ISLANDS
21	17 59 11.0	50.241 N	12.433 E	10 G	0.3	6	GERMANY
21	18 46 54.1	50.218 N	12.436 E	10 G	0.5	7	GERMANY. ML 2.9 (FUR), 2.9 (GRF), 2.9 (KBA).
21	18 49 25.0	50.219 N	12.459 E	8	0.6	11	GERMANY. ML 3.4 (FUR), 3.3 (GRF), 3.4 (KBA), 3.4 (VKA).
21	18 54 57.2	30.686 N	132.111 E	55 ? 4.4	0.9	15	SOUTHEAST OF SHIKOKU, JAPAN
21	18 59 41.9*	40.652 N	127.533 W	5 G 4.4		17	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.8 (BRK).
21	19 22 48.1	50.219 N	12.449 E	10 G	0.3	8	GERMANY. ML 2.6 (FUR), 2.7 (GRF).
21	19 56 41.5*	50.196 N	12.402 E	10 G	0.0	5	GERMANY
21	20 00 56.1	42.313 N	19.901 E	10 G	1.1	32	YUGOSLAVIA. DUR 3.4 (TTG).
21	20 04 56.3	50.216 N	12.437 E	10 G	0.3	10	GERMANY. ML 2.9 (FUR), 3.1 (GRF).
21	20 06 10.3	50.204 N	12.454 E	10 G	0.2	6	GERMANY. ML 2.9 (FUR), 3.1 (GRF).
21	20 24 13.0*	50.211 N	12.430 E	10 G	0.2	5	GERMANY
21	20 42 42.9*	50.229 N	12.414 E	10 G	0.3	5	GERMANY
21	20 55 07.3*	45.109 N	6.625 E	10 G	0.3	5	FRANCE. ML 2.4 (LDG).
21	21 19 08.3*	17.633 N	61.138 W	24 *	0.8	10	LEEWARD ISLANDS
21	21 26 14.6	39.192 N	26.180 E	18	0.7	31	TURKEY
21	21 31 35.6*	50.188 N	12.362 E	10 G	1.4	5	GERMANY
21	21 39 18.5*	42.770 N	147.209 E	35 * 5.0	1.2	35	OFF COAST OF HOKKAIDO, JAPAN. Felt (II JMA) at Nemuro.
21	22 11 41.5	50.241 N	12.438 E	10 G	0.3	6	GERMANY
21	22 28 04.4*	17.973 N	101.288 W	33 N 4.2	1.0	10	NEAR COAST OF GUERRERO, MEXICO
21	22 38 35.6*	37.610 N	118.920 W	6 G		8	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS).
21	22 39 44.8	50.225 N	12.438 E	10 G	0.3	9	GERMANY. ML 2.8 (FUR), 2.6 (GRF).
21	22 56 54.6	14.114 N	92.382 W	33 N 4.8 4.3	1.0	71	NEAR COAST OF CHIAPAS, MEXICO
21	23 59 42.8*	50.238 N	12.439 E	10 G	0.2	5	GERMANY
22	00 20 22.7	42.289 N	19.925 E	9	1.0	25	YUGOSLAVIA. DUR 3.4 (TTG).
22	00 25 03.5*	15.191 N	104.651 W	10 G 4.4 4.1	1.5	16	OFF COAST OF MICHOACAN, MEXICO
22	01 24 55.1*	50.211 N	12.433 E	10 G	0.7	5	GERMANY. ML 2.3 (GRF).
22	02 02 17.8	36.331 N	70.992 E	50 * 4.8	0.9	19	HINDU KUSH REGION
22	02 32 51.3	12.510 N	142.790 E	33 N 4.8	1.2	13	SOUTH OF MARIANA ISLANDS
22	02 41 13.2	12.415 N	142.793 E	33 N	0.6	8	SOUTH OF MARIANA ISLANDS
22	03 08 42.9	30.998 S	177.847 W	33 N 5.4	1.0	37	KERMADEC ISLANDS
22	03 29 35.8*	39.060 N	25.197 E	10 G	0.8	7	AEGEAN SEA
22	03 32 51.6*	42.133 N	19.992 E	10 G	1.4	6	YUGOSLAVIA. DUR 3.0 (TTG).
22	03 41 01.5	8.392 S	117.663 E	206 *	0.6	14	SUMBAWA ISLAND REGION
22	04 14 51.0?	51.65 N	19.56 E	33 N	1.5	6	POLAND. ML 2.9 (VKA).
22	04 49 39.8	50.204 N	12.393 E	10 G	0.9	14	GERMANY. ML 3.8 (FUR), 3.8 (GRF), 3.6 (KBA), 3.6 (VKA).
22	04 56 52.0	50.255 N	12.344 E	33 N	0.7	8	GERMANY. ML 2.5 (GRF).
22	05 01 56.3	50.207 N	12.434 E	10 G	0.4	8	GERMANY. ML 2.7 (FUR), 2.7 (GRF).
22	05 06 44.7	50.229 N	12.442 E	10 G	0.3	8	GERMANY
22	05 51 36.1	50.214 N	12.450 E	10 G	0.3	8	GERMANY. ML 3.2 (FUR), 3.1 (GRF).
22	06 01 15.9	69.072 N	16.909 W	10 G 4.6	1.0	24	JAN MAYEN ISLAND REGION
22	06 20 09.0*	11.719 S	117.439 E	33 N	1.4	6	SOUTH OF SUMBAWA ISLAND
22	06 30 35.4*	28.066 N	140.517 E	33 N 4.5	1.2	18	BONIN ISLANDS REGION
22	06 55 02.9?	26.22 S	177.70 W	212 ? 4.6	1.5	9	SOUTH OF FIJI ISLANDS
22	07 01 16.0*	45.242 N	14.697 E	10 G	0.9	6	YUGOSLAVIA. ML 3.0 (TRI).
22	07 06 10.9*	31.890 N	115.850 W	6 G		6	BAJA CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
22	07 21 22.2	41.979 N	19.300 E	10 G	0.9	7	ALBANIA
22	07 39 37.8*	14.340 S	166.398 E	33 N 4.1	1.1	19	VANUATU ISLANDS
22	08 01 01.3*	50.214 N	12.442 E	10 G	0.5	5	GERMANY
22	08 02 30.2	50.232 N	12.436 E	10 G	0.5	6	GERMANY. ML 2.2 (GRF).
22	08 02 59.6	64.538 N	149.430 W	33 N	1.0	12	CENTRAL ALASKA. ML 4.0 (PMR). Felt (IV) at Nenana and (III) at Fairbanks.
22	08 11 31.4*	13.591 S	167.034 E	33 N 4.2	0.9	13	VANUATU ISLANDS
22	08 41 21.8	50.251 N	12.449 E	10 G	0.1	6	GERMANY. ML 2.1 (GRF).
22	09 10 27.1	14.243 S	166.500 E	33 N 4.8	1.0	43	VANUATU ISLANDS
22	09 11 17.8	50.225 N	12.439 E	14	0.3	10	GERMANY. ML 3.4 (FUR), 3.4 (GRF), 3.4 (KBA), 3.7 (VKA).
22	09 19 14.4	5.881 S	150.526 E	33 N	0.8	8	NEW BRITAIN REGION
22	09 43 00.9*	59.090 N	153.231 W	66		26	SOUTHERN ALASKA. <AGS-P>.
22	10 14 53.5	12.511 N	142.859 E	33 N 5.1 4.5	1.3	27	SOUTH OF MARIANA ISLANDS

22	10 21 25.3	43.919 N	140.568 E	217 *	4.7	1.1	58	HOKKAIDO, JAPAN REGION
22	10 59 20.0	30.819 S	117.062 E	10 G		0.2	5	WESTERN AUSTRALIA
22	11 01 50.2	42.291 N	19.959 E	10 G		1.2	18	YUGOSLAVIA. DUR 3.2 (TTG).
22	11 13 57.8	42.340 N	19.912 E	10 G		0.6	10	YUGOSLAVIA. DUR 2.7 (TTG).
22	11 50 32.1	33.411 S	179.299 W	33 N	4.7	1.3	16	SOUTH OF KERMADEC ISLANDS
22	12 20 19.7	50.237 N	12.425 E	10 G		0.5	6	GERMANY
22	13 59 30.4	2.361 N	128.408 E	101 ?	4.8	0.8	11	HALMAHERA
22	14 39 57.3	32.106 S	71.890 W	33 N		0.8	18	NEAR COAST OF CENTRAL CHILE
22	16 59 16.2	42.208 N	19.273 E	10 G		1.0	8	YUGOSLAVIA. DUR 2.6 (TTG).
22	17 12 46.0	12.470 N	142.831 E	33 N	4.5	1.5	8	SOUTH OF MARIANA ISLANDS
22	17 13 26.9	15.572 S	178.448 W	18	5.6 5.7	1.1	111	FIJI ISLANDS REGION. Ms 6.0 (BRK).
22	17 30 56.6	50.218 N	12.442 E	10 G		0.2	9	GERMANY. ML 3.2 (FUR), 3.2 (GRF), 3.2 (KBA).
22	17 35 07.6	50.195 N	12.437 E	10 G		0.3	5	GERMANY
22	17 57 40.7	8.070 S	124.799 E	33 N	4.3	1.2	12	TIMOR
22	18 20 18.0	28.132 N	140.599 E	33 N	4.7	1.2	15	BONIN ISLANDS REGION
22	18 26 59.2	15.602 S	178.400 W	10 G	5.5 5.9	1.1	109	FIJI ISLANDS REGION. Ms 5.8 (PAS).
22	18 31 42.9	40.490 N	29.115 E	10 G		1.1	9	TURKEY
22	18 35 12.9	15.28 S	178.85 W	10 G	4.6	1.1	10	FIJI ISLANDS REGION
22	19 56 14.5	13.559 S	166.529 E	33 N	4.2	1.1	7	VANUATU ISLANDS
22	20 50 56.4	13.814 S	166.381 E	33 N	5.2	1.1	43	VANUATU ISLANDS
22	20 51 36.9	44.435 N	147.435 E	113 D	4.7	1.1	56	KURIL ISLANDS. Felt (II) on Shikotan.
22	21 19 05.2	31.74 S	179.56 W	33 N	4.8	1.2	5	KERMADEC ISLANDS REGION
22	21 21 54.3	14.391 S	167.332 E	218 *	5.1	0.9	86	VANUATU ISLANDS
22	21 22 10.2	6.968 S	128.622 E	33 N	4.4	1.3	9	BANDA SEA
22	21 35 13.4	24.135 N	93.209 E	49 *	4.5	1.3	43	BURMA-INDIA BORDER REGION
22	22 12 39.3	52.138 N	174.588 W	156	4.5	1.0	41	ANDREANOF ISLANDS, ALEUTIAN IS.
22	22 21 13.3	21.303 S	179.040 W	639	5.1	0.8	85	FIJI ISLANDS REGION
22	22 43 56.9	50.242 N	12.430 E	10 G		0.3	6	GERMANY
22	22 48 55.8	50.240 N	12.446 E	10 G		0.5	5	GERMANY
22	23 52 41.1	10.49 S	117.34 E	33 N		1.6	5	SOUTH OF SUMBAWA ISLAND
23	00 01 21.8	46.648 N	152.626 E	33 N	5.2	0.8	115	KURIL ISLANDS
23	00 12 28.3	50.215 N	12.458 E	10 G		0.3	6	GERMANY. ML 2.3 (GRF).
23	00 36 49.2	50.207 N	12.425 E	10 G		1.0	5	GERMANY
23	00 45 38.7	64.821 N	152.265 W	33 N		0.9	7	CENTRAL ALASKA. ML 3.7 (PMR).
23	00 52 33.5	13.606 S	166.934 E	33 N	5.2	1.0	58	VANUATU ISLANDS
23	01 32 32.4	5.117 N	125.242 E	244 *	5.1	1.1	64	MINDANAO, PHILIPPINE ISLANDS
23	02 00 03.4	32.883 S	71.600 W	33 N		0.9	15	NEAR COAST OF CENTRAL CHILE
23	02 28 20.0	14.10 N	141.95 E	33 N	4.7	0.8	6	MARIANA ISLANDS REGION
23	02 41 08.9	50.218 N	12.463 E	10 G		0.1	6	GERMANY. ML 2.5 (GRF).
23	03 24 48.6	50.211 N	12.393 E	24		0.9	42	GERMANY. ML 4.4 (FUR), 4.3 (GRF), 4.1 (BNS), 4.2 (KBA), 4.5 (VKA). Felt (V) in the Cheb, Czechoslovakia area. Felt at Selb.
23	03 49 24.3	50.232 N	12.446 E	10 G		0.3	6	GERMANY. ML 2.3 (GRF).
23	03 57 20.1	50.236 N	12.431 E	10 G		0.3	8	GERMANY. ML 2.6 (GRF).
23	04 04 51.6	50.236 N	12.423 E	18 *		0.7	11	GERMANY. ML 3.5 (FUR), 3.1 (GRF).
23	04 27 06.8	50.177 N	12.353 E	10 G		1.2	54	GERMANY. ML 4.5 (FUR), 4.3 (GRF), 4.4 (BNS), 4.2 (KBA), 4.8 (VKA). Felt (V) at Rehau and (III) at Regensburg. Felt (V) in the Cheb, Czechoslovakia area.
23	04 33 23.6	50.237 N	12.431 E	10 G		0.4	10	GERMANY. ML 3.2 (FUR), 3.1 (GRF), 3.2 (KBA), 3.5 (VKA).
23	04 46 50.1	50.190 N	12.429 E	10 G		0.8	6	GERMANY. ML 2.6 (GRF).
23	04 55 14.7	50.246 N	12.448 E	10 G		0.0	5	GERMANY
23	05 07 06.9	50.236 N	12.420 E	10 G		0.1	6	GERMANY
f 23	05 16 03.3	62.222 N	124.239 W	6 G	6.4 6.9	0.9	381	NORTHWEST TERRITORIES, CANADA. Ms 6.6 (BRK). Felt (VI) at Fort Simpson and Wrigley. Felt strongly at Fort Liard. Some people fled from buildings in Edmonton, Alberta, about 1100 km from the epicenter. Felt in parts of Yukon Territory, British Columbia, Alberta, Saskatchewan and Manitoba. Felt (III) at Comas, Washington; Grand Forks, North Dakota and Metlakatla, Alaska; (II) at Juneau, Alaska and Helena, Montana. Also felt at Spokane, Washington. Depth from broadband displacement seismograms.
23	05 35 36.0	6.105 S	146.426 E	36 ?	4.0	1.3	7	EAST PAPUA NEW GUINEA REGION
23	05 48 47.2	62.101 N	124.388 W	10 G	5.4	1.1	64	NORTHWEST TERRITORIES, CANADA
23	06 04 27.9	36.87 N	140.53 E	33 N		0.4	6	NEAR EAST COAST OF HONSHU, JAPAN
23	06 59 02.5	34.061 S	70.065 W	10 G		0.5	11	CHILE-ARGENTINA BORDER REGION
23	07 34 01.6	50.247 N	12.420 E	10 G		0.2	6	GERMANY
23	07 42 52.8	62.135 N	124.466 W	10 G		0.7	6	NORTHWEST TERRITORIES, CANADA
23	07 45 24.1	50.247 N	12.413 E	10 G		0.2	6	GERMANY. ML 2.4 (GRF).
23	07 47 23.5	39.15 N	16.51 E	10 G	3.9	0.6	8	SOUTHERN ITALY
23	08 02 15.5	61.967 N	124.384 W	10 G		1.5	8	NORTHWEST TERRITORIES, CANADA
23	08 10 06.2	62.383 N	124.147 W	10 G	4.1	1.1	14	NORTHWEST TERRITORIES, CANADA
23	09 31 06.0	26.258 N	127.969 E	33 N		0.5	5	RYUKYU ISLANDS
23	09 37 43.8	61.966 N	123.916 W	10 G	4.8	1.0	48	NORTHWEST TERRITORIES, CANADA
23	11 27 19.8	62.434 N	124.341 W	10 G	4.2	0.9	13	NORTHWEST TERRITORIES, CANADA
23	11 30 43.7	17.495 N	101.813 W	33 N	4.5	1.5	25	NEAR COAST OF GUERRERO, MEXICO
23	11 52 08.3	62.092 N	124.598 W	10 G	4.1	1.1	8	NORTHWEST TERRITORIES, CANADA
23	12 22 02.6	50.266 N	12.416 E	10 G		0.5	6	GERMANY. ML 2.3 (GRF).
23	12 28 13.3	41.082 N	23.942 E	10 G		0.9	16	GREECE-BULGARIA BORDER REGION
23	12 36 19.5	50.215 N	12.453 E	10 G		0.3	9	GERMANY. ML 3.5 (GRF), 3.4 (KBA).
23	13 19 28.3	50.227 N	12.430 E	11		0.3	12	GERMANY. ML 3.5 (FUR), 3.5 (GRF), 3.5 (KBA), 3.6 (VKA).
23	13 22 47.6	39.202 N	27.677 E	10 G		1.3	5	TURKEY
23	13 38 19.7	18.812 S	168.916 E	33 N	4.5	1.4	22	VANUATU ISLANDS
23	13 49 44.9	27.610 N	85.722 E	45 *	4.6	1.4	21	NEPAL
23	13 54 06.1	50.232 N	12.431 E	10 G		0.4	6	GERMANY
23	14 24 08.6	23.121 N	121.384 E	10 G		1.0	7	TAIWAN
23	15 43 45.3	50.247 N	12.436 E	10 G		0.3	9	GERMANY. ML 2.8 (FUR), 2.7 (GRF), 3.1 (KBA).
23	16 04 31.5	12.468 N	142.903 E	33 N	4.8	1.1	17	SOUTH OF MARIANA ISLANDS
23	16 53 41.2	62.278 N	124.445 W	10 G	3.8	1.3	13	NORTHWEST TERRITORIES, CANADA
23	16 56 17.7	36.861 N	26.559 E	39 *	4.1	1.1	23	DODECANESE ISLANDS
23	17 04 13.9	28.141 N	140.507 E	33 N	4.7	0.7	10	BONIN ISLANDS REGION
23	17 20 06.2	31.216 S	68.245 W	110 ?		0.7	9	SAN JUAN PROVINCE, ARGENTINA
23	17 56 34.9	36.241 N	71.064 E	121 *	4.8	1.4	43	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Dushanbe.

Khorog and Obigorm, USSR.

a 23	18 15 09.2	13.979 S	166.320 E	42	5.5 5.3	1.2	121	VANUATU ISLANDS
23	18 16 48.6	38.501 N	21.926 E	28	3.9	0.9	18	GREECE. ML 3.5 (ATH).
23	18 17 48.8	50.241 N	12.402 E	10 G		0.5	9	GERMANY. ML 2.2 (GRF).
23	18 40 30.0*	37.414 N	71.830 E	33 N	4.3	0.9	6	AFGHANISTAN-USSR BORDER REGION
23	18 52 37.8*	46.606 N	1.526 E	10 G		0.6	6	FRANCE. ML 2.5 (LDG).
23	19 30 14.4	42.323 N	19.949 E	10 G		1.0	7	YUGOSLAVIA. DUR 2.5 (TTG).
a 23	19 37 54.9	62.097 N	124.310 W	10 G	5.4 5.0	1.0	196	NORTHWEST TERRITORIES, CANADA
23	20 08 57.0	36.815 N	26.684 E	14	4.7	1.0	110	DODECANESE ISLANDS. ML 4.9 (ATH).
23	20 24 11.5	50.230 N	12.435 E	10 G		0.5	6	GERMANY. ML 2.0 (GRF).
23	20 42 57.0*	34.925 S	78.136 E	10 G	4.9	0.6	7	MID-INDIAN RISE
23	21 42 31.9*	40.66 N	30.45 E	10 G		0.3	6	TURKEY
23	21 53 31.0*	50.301 N	12.439 E	10 G		0.7	5	GERMANY
23	21 54 19.2	41.028 N	20.452 E	10		0.8	22	ALBANIA. DUR 3.6 (TTG).
23	22 11 16.3	61.869 N	124.139 W	10 G	4.4	1.3	8	NORTHWEST TERRITORIES, CANADA
23	23 22 38.0*	40.482 N	29.107 E	10 G		0.8	7	TURKEY
23	23 23 53.8*	62.036 N	124.339 W	10 G	4.3	1.1	17	NORTHWEST TERRITORIES, CANADA
23	23 42 03.1*	34.173 N	57.773 E	33 N	4.5	0.8	11	IRAN. Felt at Tobas.
24	00 02 30.1*	14.194 S	165.856 E	33 N	4.5	0.9	13	VANUATU ISLANDS
24	00 04 17.0	50.172 N	12.444 E	10 G		1.0	40	GERMANY. ML 4.5 (FUR), 4.3 (GRF), 4.6 (VKA), 4.2 (KBA). One house slightly damaged (IV) at Seib. Felt (IV) at Rehau. Felt (V) in the Cheb, Czechoslovakia area.
24	00 10 02.1	50.232 N	12.462 E	10 G		0.3	10	GERMANY. ML 3.5 (FUR), 2.9 (GRF), 3.5 (KBA), 3.6 (VKA).
24	02 15 38.7*	23.726 S	68.648 W	126 *	4.0	1.5	7	NORTHERN CHILE
24	02 19 12.2*	40.827 N	25.502 E	10 G		0.9	5	AEGEAN SEA
24	02 19 53.7	50.218 N	12.432 E	10 G		0.6	6	GERMANY. ML 2.1 (GRF).
24	02 49 20.4	50.252 N	12.435 E	10 G		0.3	5	GERMANY
24	02 56 18.4*	50.253 N	12.420 E	10 G		0.5	5	GERMANY. ML 2.1 (GRF).
24	03 05 02.2*	31.649 S	117.078 E	33 N		1.0	6	WESTERN AUSTRALIA
24	03 48 38.6	50.238 N	12.445 E	10 G		0.2	6	GERMANY. ML 2.3 (GRF).
24	04 02 39.0	50.235 N	12.442 E	10 G		0.4	11	GERMANY. ML 3.4 (FUR), 3.3 (GRF), 3.3 (KBA), 3.5 (VKA).
a 24	04 09 41.2	35.090 S	54.272 E	10 G	6.0 6.0	1.0	229	SOUTH INDIAN OCEAN
a 24	04 13 20.8	7.063 N	34.824 W	10 G	5.1 5.4	1.3	40	CENTRAL MID-ATLANTIC RIDGE
a 24	04 37 30.3	14.322 S	166.344 E	33 N	5.6 5.9	1.3	104	VANUATU ISLANDS
24	04 42 55.9	42.218 N	19.306 E	10 G		0.6	10	YUGOSLAVIA. DUR 2.7 (TTG).
24	05 14 04.8*	40.553 N	25.516 E	10 G		0.8	5	AEGEAN SEA
24	05 18 21.4	46.173 N	6.809 E	10 G		0.9	14	SWITZERLAND. ML 3.0 (LDG).
24	05 28 34.1*	0.098 N	121.681 E	152 ?	4.7	0.8	13	MINAHASSA PENINSULA
24	07 00 58.4*	1.629 S	134.501 E	33 N	4.3	1.2	16	WEST IRIAN REGION
24	07 07 16.7*	32.511 S	71.773 W	33 N		0.9	18	NEAR COAST OF CENTRAL CHILE
24	07 18 38.4*	40.831 N	28.182 E	10 G		0.1	5	TURKEY
24	07 32 19.6	50.265 N	12.430 E	10 G		0.2	6	GERMANY. ML 2.4 (GRF).
24	07 41 45.0	62.034 N	123.837 W	10 G	4.7	1.0	38	NORTHWEST TERRITORIES, CANADA
24	08 02 17.5*	17.363 S	70.692 W	33 N		0.4	6	NEAR COAST OF PERU
24	09 35 55.6*	12.10 S	166.09 E	33 N	4.0	1.3	6	SANTA CRUZ ISLANDS
24	10 52 05.2	67.708 N	18.637 W	10 G	4.6	1.1	23	ICELAND REGION
24	12 03 37.3	50.267 N	12.438 E	10 G		0.7	9	GERMANY. ML 3.2 (FUR), 3.3 (GRF), 3.4 (KBA).
24	12 10 59.3	42.294 N	19.857 E	10 G	3.4	1.0	31	YUGOSLAVIA. DUR 3.5 (TTG).
24	14 42 49.0	23.824 N	122.381 E	45	4.9	1.0	54	TAIWAN REGION
24	14 44 27.8*	63.878 N	151.934 W	33 N		0.6	6	CENTRAL ALASKA. ML 3.3 (PMR). Felt (III) at Lake Minchumina.
24	14 48 22.9*	23.745 N	122.503 E	10 G		0.3	6	TAIWAN REGION
24	14 53 53.2*	9.345 S	122.934 E	33 N	4.4	1.4	14	SAVU SEA
24	15 02 02.8	3.674 N	126.619 E	58 *	5.1 4.8	1.0	74	TALAUD ISLANDS
24	15 22 24.7*	28.136 N	140.929 E	33 N	5.3	0.8	27	BONIN ISLANDS REGION. Felt (I JMA) on Chichi-shimo.
24	15 42 08.9*	14.071 S	166.499 E	33 N	4.1	1.2	12	VANUATU ISLANDS
24	15 44 52.2*	28.73 S	67.54 W	150 G		1.0	7	LA RIOJA PROVINCE, ARGENTINA
24	15 54 40.1*	0.907 N	126.592 E	211 *	4.5	0.7	15	MOLUCCA PASSAGE
24	16 07 33.2	50.271 N	12.433 E	10 G		0.5	7	GERMANY. ML 2.1 (GRF).
24	16 35 43.0*	67.953 N	22.203 W	10 G	4.5 3.9	0.9	9	ICELAND REGION
24	17 12 11.5	4.099 S	136.217 E	48 *	5.1	1.1	42	WEST IRIAN REGION
24	18 21 46.5*	40.615 N	29.985 E	10 G		0.8	6	TURKEY
24	20 01 08.5*	62.038 N	124.316 W	10 G	4.1	1.1	9	NORTHWEST TERRITORIES, CANADA
24	20 08 32.7	41.231 N	23.909 E	10 G		0.6	8	GREECE-BULGARIA BORDER REGION
24	21 24 24.3	50.244 N	12.435 E	10 G		0.2	6	GERMANY
24	21 28 32.8	50.241 N	12.414 E	10 G		0.3	8	GERMANY. ML 2.3 (FUR).
24	21 29 49.3	40.575 N	23.663 E	10 G		0.4	10	GREECE
24	21 44 50.4*	50.216 N	12.456 E	10 G		0.3	5	GERMANY
24	21 45 57.6*	27.240 N	139.828 E	33 N	4.2	0.7	6	BONIN ISLANDS REGION
24	23 04 08.0	18.413 N	97.296 E	10 G	4.2	1.5	27	BURMA
24	23 16 04.3	50.233 N	12.412 E	10 G		0.5	6	GERMANY. ML 2.1 (GRF).
24	23 28 51.2*	50.157 N	12.467 E	10 G		1.2	5	GERMANY
24	23 54 16.4*	19.083 S	68.097 W	33 N		1.5	6	CHILE-BOLIVIA BORDER REGION
25	00 16 57.7	62.292 N	124.121 W	10 G	4.2	0.6	8	NORTHWEST TERRITORIES, CANADA
25	01 04 18.6*	37.128 N	141.468 E	52 *		1.0	13	NEAR EAST COAST OF HONSHU, JAPAN
25	01 17 49.5	42.303 N	19.994 E	10 G		0.5	10	YUGOSLAVIA. DUR 3.1 (TTG).
25	01 32 26.5*	20.732 S	69.349 W	151 ?		0.6	6	NORTHERN CHILE
25	02 02 35.3	50.251 N	12.436 E	10 G		0.4	9	GERMANY. ML 2.8 (FUR), 2.5 (GRF), 2.9 (KBA).
a 25	02 35 51.0	14.071 S	170.011 E	33 N	5.4 5.6	1.0	92	VANUATU ISLANDS REGION
25	02 38 56.5*	37.688 N	15.068 E	10 G	4.3	1.4	27	SICILY. One person killed, 14 injured and damage on Sicily. Eruption of Mt. Etna.
a 25	03 01 23.7	22.744 S	175.947 W	72 D	5.4	1.1	120	TONGA ISLANDS REGION
25	03 18 41.2	42.263 N	19.940 E	10 G		0.8	13	YUGOSLAVIA. DUR 2.8 (TTG).
25	03 47 19.1*	37.10 N	21.24 E	33 N	3.6	1.4	7	SOUTHERN GREECE. ML 3.6 (ATH).
25	04 01 59.0	12.297 N	142.889 E	33 N	5.4 4.5	1.1	29	SOUTH OF MARIANA ISLANDS
25	04 04 03.7	24.636 S	179.986 E	501 *	5.0	1.0	69	SOUTH OF FIJI ISLANDS
25	04 15 53.8*	44.471 N	129.508 W	10 G	4.1	0.7	16	OFF COAST OF OREGON
25	04 47 08.0	32.128 N	89.713 E	33 N	4.9	1.0	48	TIBET
25	04 56 06.9	40.867 N	23.015 E	10 G		0.6	8	GREECE
25	05 17 10.6*	38.834 S	74.518 W	33 N	4.4	1.4	17	OFF COAST OF CENTRAL CHILE
25	06 25 45.5	47.709 N	6.447 E	10 G		1.4	10	FRANCE. ML 3.0 (LDG).
25	07 16 57.8	50.255 N	12.420 E	10 G		0.8	9	GERMANY. ML 2.6 (GRF), 2.4 (KBA).
25	08 28 19.0	50.244 N	12.429 E	10 G		0.3	6	GERMANY. ML 2.5 (GRF).

25	08 34 25.1?	36.92 N	141.82 E	90 ?	1.5	10	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito and Onahama.
25	08 46 16.7*	36.574 N	70.915 E	212 ?	4.6	0.7	18 HINDU KUSH REGION
25	09 00 50.0	50.242 N	12.432 E	10 G		0.2	8 GERMANY. ML 2.4 (FUR), 2.8 (GRF).
25	09 10 50.5	50.243 N	12.443 E	10 G		0.4	8 GERMANY. ML 2.3 (FUR).
25	10 09 37.0*	33.539 S	71.537 W	33 N		1.4	16 NEAR COAST OF CENTRAL CHILE
25	10 15 51.1	50.232 N	12.431 E	10 G		0.5	6 GERMANY. ML 2.1 (GRF).
25	11 08 58.1*	50.283 N	12.403 E	10 G		0.7	5 GERMANY
25	11 21 49.6&	33.270 N	116.430 W	2			7 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
25	13 30 39.2	50.222 N	12.432 E	10 G		0.3	7 GERMANY. ML 2.6 (FUR), 2.8 (GRF).
25	14 29 39.5	42.284 N	19.947 E	10 G	4.3	0.9	57 YUGOSLAVIA. DUR 3.5 (TTG).
25	14 50 14.3	50.247 N	12.368 E	25		0.4	15 GERMANY. ML 3.6 (FUR), 3.5 (KBA), 3.7 (VKA), 3.1 (GRF).
25	15 42 42.5	62.068 N	124.085 W	10 G	5.7 5.0	0.9	208 NORTHWEST TERRITORIES, CANADA. Felt at Yakutat, Alaska.
25	15 43 56.2	23.982 S	66.711 W	187	5.5	1.2	89 JUJUY PROVINCE, ARGENTINA
25	18 10 31.7*	14.278 S	166.288 E	33 N	4.8	1.2	13 VANUATU ISLANDS
25	18 18 47.5	4.987 S	151.778 E	126	4.6	0.8	14 NEW BRITAIN REGION. Felt (III) at Rabaul.
25	18 37 56.9&	59.784 N	152.319 W	94	4.5		52 SOUTHERN ALASKA. <AGS-P>. Felt (II) at Homer, Ninilchik and Anchor Point.
25	18 49 02.6	62.020 N	124.140 W	10 G	5.4 4.9	1.0	119 NORTHWEST TERRITORIES, CANADA
25	19 04 19.3	42.292 N	19.977 E	10 G		0.3	12 YUGOSLAVIA. DUR 2.8 (TTG).
25	20 30 11.4*	35.492 N	141.592 E	33 N	4.4	1.0	10 NEAR EAST COAST OF HONSHU, JAPAN
25	21 07 32.1*	14.343 S	166.638 E	33 N	4.3	0.9	8 VANUATU ISLANDS
25	21 23 22.1	42.323 N	19.873 E	10 G		0.9	16 YUGOSLAVIA. DUR 3.0 (TTG).
25	21 26 52.9	14.358 S	166.422 E	33 N	4.3	1.2	25 VANUATU ISLANDS
25	21 51 07.5*	17.678 S	13.886 W	10 G		1.2	11 SOUTH ATLANTIC RIDGE
a 25	22 15 09.7	21.667 S	178.533 W	455	5.5	1.0	222 FIJI ISLANDS REGION. mb 6.0 (BRK).
25	22 24 55.6*	24.625 N	121.281 E	33 N		1.4	6 TAIWAN
26	00 03 04.7*	62.059 N	124.146 W	10 G		1.1	7 NORTHWEST TERRITORIES, CANADA
26	00 05 08.8	10.882 S	74.407 W	37	5.1	1.1	53 PERU
26	00 56 28.2	42.301 N	19.910 E	10 G		0.5	9 YUGOSLAVIA. DUR 2.7 (TTG).
26	01 59 52.0*	25.114 N	142.425 E	33 N	4.7	1.2	15 VOLCANO ISLANDS REGION
26	02 34 01.8*	37.690 N	15.182 E	10 G	4.3		22 SICILY. Slight damage on slopes of Mt. Etna.
26	03 29 16.6&	60.708 N	151.937 W	86			27 KENAI PENINSULA, ALASKA. <AGS-P>.
26	03 51 14.0	42.305 N	19.898 E	10 G		0.7	12 YUGOSLAVIA. DUR 2.8 (TTG).
26	03 51 29.9?	31.06 N	139.56 E	33 N	4.3	1.0	10 SOUTH OF HONSHU, JAPAN
26	03 59 18.8	34.090 S	70.062 W	6	5.3	1.1	95 CHILE-ARGENTINA BORDER REGION
26	04 11 32.1*	28.583 N	142.289 E	33 N	4.9	1.1	9 BONIN ISLANDS REGION
26	04 17 06.4	34.022 S	70.164 W	33 N		0.8	11 CHILE-ARGENTINA BORDER REGION
26	04 55 08.0	30.912 N	139.591 E	82 *	4.5	0.9	39 SOUTH OF HONSHU, JAPAN
26	05 07 24.6	30.728 N	139.645 E	59 *	4.9	1.0	62 SOUTH OF HONSHU, JAPAN
26	05 57 51.0?	62.26 N	124.16 W	10 G		0.1	4 NORTHWEST TERRITORIES, CANADA
26	07 58 49.8*	50.222 N	12.409 E	10 G		0.3	5 GERMANY
26	08 16 22.0*	36.301 N	71.001 E	66 ?	4.2	0.9	13 AFGHANISTAN-USSR BORDER REGION
26	08 48 49.4	14.127 S	166.323 E	33 N	4.7	1.1	31 VANUATU ISLANDS
26	10 05 38.9	50.237 N	12.447 E	10 G		0.3	8 GERMANY. ML 2.6 (FUR), 2.6 (GRF).
26	11 12 21.9	40.185 N	29.253 E	10 G		0.9	11 TURKEY
26	11 56 34.4	44.614 N	111.035 W	5 G		0.5	9 HEBGEN LAKE REGION. ML 2.8 (NEIS).
26	13 47 26.7*	6.276 S	150.803 E	33 N	3.7	1.3	6 NEW BRITAIN REGION
26	15 07 11.6&	60.258 N	153.370 W	170			31 SOUTHERN ALASKA. <AGS-P>.
26	15 36 21.8?	20.95 S	175.18 W	33 N	4.7	1.5	12 TONGA ISLANDS
26	17 01 54.4*	21.951 S	68.914 W	84 ?	4.0	1.5	7 CHILE-BOLIVIA BORDER REGION
26	17 05 47.8*	23.762 N	122.025 E	10 G		0.8	7 TAIWAN REGION
26	17 09 24.4	30.930 N	139.488 E	87 *	4.7	0.9	60 SOUTH OF HONSHU, JAPAN
26	17 16 21.8*	24.187 N	121.573 E	33 N		0.6	7 TAIWAN
26	17 47 03.6&	58.453 N	151.827 W	127			31 KODIAK ISLAND REGION. <AGS-P>.
26	18 04 26.7	27.130 N	92.071 E	13	5.0	1.0	50 INDIA-CHINA BORDER REGION
26	18 05 57.2?	39.22 N	25.34 E	10 G		1.0	5 AEGEAN SEA
26	18 11 59.5?	35.62 S	70.42 W	33 N		0.3	5 CHILE-ARGENTINA BORDER REGION
26	18 40 47.8	44.643 N	111.026 W	5 G		0.5	9 HEBGEN LAKE REGION. ML 2.8 (NEIS).
26	18 56 03.3*	30.722 N	139.691 E	96 ?	4.2	0.7	17 SOUTH OF HONSHU, JAPAN
26	20 44 07.9%	15.597 N	60.973 W	33 N		0.2	7 LEEWARD ISLANDS. ML 2.2 (MGG).
26	20 50 23.5	68.829 N	16.856 W	10 G	4.6	0.9	23 ICELAND REGION
26	22 59 24.9	62.116 N	124.022 W	10 G	4.7	1.2	40 NORTHWEST TERRITORIES, CANADA
26	23 02 12.6*	42.394 N	19.845 E	10 G		0.1	5 YUGOSLAVIA. DUR 2.7 (TTG).
26	23 37 13.1	42.358 N	19.886 E	10 G		0.8	7 YUGOSLAVIA. DUR 2.7 (TTG).
27	00 13 51.6	40.618 N	22.631 E	11		0.2	8 GREECE
27	00 46 16.3*	28.123 N	140.442 E	33 N	4.9	1.4	22 BONIN ISLANDS REGION
27	01 59 58.7*	6.465 S	151.832 E	33 N	4.9	1.4	9 NEW BRITAIN REGION
27	02 07 25.6*	21.671 S	178.491 W	455 *	4.5	0.9	38 FIJI ISLANDS REGION
27	03 16 22.8*	42.342 N	19.914 E	10 G		0.4	5 YUGOSLAVIA. DUR 2.7 (TTG).
27	03 47 35.1?	33.42 S	178.32 W	33 N	5.0	1.2	7 SOUTH OF KERMADEC ISLANDS
27	04 25 07.6*	20.138 S	70.850 W	62 *	4.7	0.9	14 NEAR COAST OF NORTHERN CHILE
27	05 14 13.6?	23.45 N	121.51 E	33 N		1.6	5 TAIWAN
a 27	05 38 53.4	5.763 S	104.191 E	25 D	5.8 6.6	1.2	267 SOUTHERN SUMATERA. Ms 6.5 (BRK), 6.3 (PAS). Felt strongly at Metro and Tanjungkarang-Telukbetung. Felt at Jakarta, Java.
27	06 02 11.5*	5.866 S	148.094 E	100 *	4.4	1.3	20 NEW BRITAIN REGION
27	06 54 04.5?	23.40 N	121.94 E	10 G		0.7	5 TAIWAN
27	07 03 49.6?	27.72 S	67.62 W	33 N		1.0	8 CATAMARCA PROVINCE, ARGENTINA
27	07 47 32.7?	36.24 N	140.52 E	33 N		1.2	5 NEAR EAST COAST OF HONSHU, JAPAN
27	08 00 03.5	42.298 N	19.965 E	10 G		1.4	16 YUGOSLAVIA. DUR 3.2 (TTG).
27	08 04 59.1	27.552 N	140.100 E	483 *	4.3	0.7	25 BONIN ISLANDS REGION
27	09 02 20.2	6.033 S	104.207 E	33 N		1.4	9 SUNDA STRAIT
27	09 48 43.2	42.347 N	19.867 E	12	4.7	1.0	72 YUGOSLAVIA
27	10 13 40.1	42.342 N	19.895 E	10 G		0.6	13 YUGOSLAVIA. DUR 3.0 (TTG).
27	10 16 10.6*	14.527 S	166.694 E	33 N	4.3	1.3	14 VANUATU ISLANDS
27	10 40 51.9	50.231 N	12.428 E	10 G		0.3	9 GERMANY. ML 2.6 (FUR), 2.6 (GRF), 2.5 (KBA).
27	10 55 26.5%	15.274 N	60.832 W	33 N		0.6	5 LEEWARD ISLANDS. ML 2.6 (PAG).
27	12 43 06.8*	14.368 S	166.398 E	33 N	3.8	0.7	5 VANUATU ISLANDS
27	12 55 00.5*	30.263 N	139.844 E	33 N	4.6	1.0	15 SOUTH OF HONSHU, JAPAN
27	12 56 00.3*	16.218 N	120.310 E	53 *	4.5	1.1	18 LUZON, PHILIPPINE ISLANDS. Felt (IV RF) at Dagupan and (II RF) at Baguia.
27	13 14 04.0*	5.863 S	152.796 E	33 N	3.5	0.6	5 NEW BRITAIN REGION

27	14 05 41.7*	24.556 N	122.069 E	10 G	0.5	7	TAIWAN REGION
27	14 22 13.8*	30.683 N	139.142 E	33 N 4.7	0.8	11	SOUTH OF HONSHU, JAPAN
27	14 35 57.0*	25.848 N	141.479 E	81 * 4.9	1.0	23	VOLCANO ISLANDS REGION. Felt (I JMA) on Chichi-shima.
27	14 50 21.9	39.746 N	77.065 E	33 N 4.5	1.5	17	SOUTHERN XINJIANG, CHINA
27	14 56 13.3	5.710 S	104.266 E	58 * 5.0	1.0	60	SOUTHERN SUMATERA
27	15 42 32.3?	3.54 N	122.80 E	545 ? 4.5	1.3	10	CELEBES SEA
27	15 57 26.1*	30.612 N	139.138 E	33 N 4.5	1.3	15	SOUTH OF HONSHU, JAPAN
27	16 09 25.9*	34.588 S	69.668 W	33 N	1.0	13	CHILE-ARGENTINA BORDER REGION
27	16 27 46.5	50.239 N	12.468 E	10 G	0.6	6	GERMANY. ML 2.1 (GRF).
27	17 32 50.1*	29.774 S	75.386 E	10 G 4.7	1.0	19	MID-INDIAN RISE
27	17 52 28.5*	60.021 N	153.764 W	164		26	SOUTHERN ALASKA. <AGS-P>.
27	18 31 54.5	44.602 N	111.048 W	5 G	0.7	10	HEBGEN LAKE REGION. ML 3.2 (NEIS).
27	19 52 16.8	18.926 N	119.900 E	10 G 3.5	0.5	11	PHILIPPINE ISLANDS REGION
27	20 11 02.2	33.201 N	142.368 E	33 N 4.9	0.8	40	OFF EAST COAST OF HONSHU, JAPAN
27	21 18 05.1	41.438 N	22.291 E	10 G	0.9	11	YUGOSLAVIA. Felt (IV) in the Negotino-Demir Kapija area.
27	22 41 51.2*	32.805 S	72.472 W	33 N 4.6	1.5	19	OFF COAST OF CENTRAL CHILE
27	22 43 39.7	18.742 N	119.865 E	10 G 3.8	1.0	11	PHILIPPINE ISLANDS REGION
28	00 01 50.0?	51.59 N	6.49 E	10 G	1.9	5	GERMANY
28	00 16 11.8	12.450 N	142.843 E	33 N 5.1	1.0	33	SOUTH OF MARIANA ISLANDS
28	01 42 40.5*	9.099 S	26.081 E	10 G 4.2	0.2	5	ZAIRE REPUBLIC
28	02 16 17.7*	37.752 N	140.962 E	98 *	0.8	11	HONSHU, JAPAN. Felt (I JMA) at Fukushima.
28	02 18 26.2*	14.392 S	166.497 E	33 N 4.0	1.1	8	VANUATU ISLANDS
28	02 39 44.6*	24.361 N	121.716 E	33 N	1.0	8	TAIWAN
28	03 04 08.3	40.855 N	22.814 E	10 G	0.6	9	GREECE
28	03 14 23.3?	31.46 S	68.51 W	87 ?	0.5	5	SAN JUAN PROVINCE, ARGENTINA
28	04 10 27.7?	36.47 N	139.86 E	72 ?	0.9	7	HONSHU, JAPAN
28	04 21 02.2*	36.453 N	140.979 E	33 N	0.6	7	NEAR EAST COAST OF HONSHU, JAPAN
28	04 38 32.3	51.629 N	177.166 W	52 D 5.3	1.0	114	ANDREANOF ISLANDS, ALEUTIAN IS. Felt an Adak.
28	04 42 26.7	57.230 N	33.496 W	10 G 5.3 4.9	1.0	157	NORTH ATLANTIC OCEAN
a	28 05 00 26.6	0.378 N	122.194 E	142 5.5	1.1	131	MINAHASSA PENINSULA
28	05 55 01.8*	5.326 S	104.583 E	69 * 4.6	0.7	17	SOUTHERN SUMATERA
28	06 12 36.0*	5.736 S	104.173 E	33 N 4.4	1.1	20	SOUTHERN SUMATERA
28	06 56 05.1*	30.346 N	139.845 E	33 N 5.0	1.1	17	SOUTH OF HONSHU, JAPAN
28	07 27 36.5*	45.673 N	13.562 E	10 G	0.3	5	NORTHERN ITALY. DUR 2.4 (TRI), ML 2.7 (KBA).
28	07 44 38.2	56.580 N	156.509 W	59 5.3	0.9	161	ALASKA PENINSULA
28	08 44 33.2?	32.53 S	70.17 W	33 N	0.5	6	CHILE-ARGENTINA BORDER REGION
28	09 09 16.7*	28.166 N	140.629 E	33 N 4.7	1.4	20	BONIN ISLANDS REGION
28	09 46 35.7*	7.151 S	146.827 E	33 N 3.3	1.1	6	EAST PAPUA NEW GUINEA REGION
a	28 10 28 44.7	5.849 S	154.250 E	50 5.4	1.1	114	SOLOMON ISLANDS
28	11 10 09.1?	57.49 N	33.39 W	10 G	1.5	8	NORTH ATLANTIC OCEAN
28	11 12 39.8*	57.410 N	33.470 W	10 G 4.7	1.1	25	NORTH ATLANTIC OCEAN
28	12 24 37.1*	24.723 N	121.825 E	10 G	0.0	5	TAIWAN
28	12 25 17.9*	24.726 N	121.873 E	10 G	0.2	5	TAIWAN
28	12 35 43.0*	18.583 S	69.815 W	136 ?	1.2	8	NORTHERN CHILE
28	13 23 41.1	19.871 S	70.641 W	24 D 5.2 4.3	1.1	84	NEAR COAST OF NORTHERN CHILE
28	13 44 07.8*	20.126 S	70.983 W	33 N 4.3	1.6	13	NEAR COAST OF NORTHERN CHILE
28	15 14 58.3	13.649 S	166.844 E	33 N 5.1	0.9	42	VANUATU ISLANDS
a	28 15 41 03.7	13.192 S	166.507 E	36 G 5.7 6.2	1.2	191	VANUATU ISLANDS. Ms 6.6 (BRK), 5.9 (PAS). Depth from broadband displacement seismograms.
28	16 49 49.2*	38.910 N	31.339 E	10 G	0.9	13	TURKEY
28	17 22 30.4*	20.077 S	71.268 W	33 N	1.4	9	OFF COAST OF NORTHERN CHILE
28	17 24 08.0	14.269 S	166.415 E	33 N 5.1	1.2	37	VANUATU ISLANDS
28	18 50 22.0	13.105 S	166.872 E	33 N 4.7	1.6	9	VANUATU ISLANDS
28	19 01 00.0*	37.238 N	116.473 W	0 5.3		173	SOUTHERN NEVADA. <DOE>. ML 5.1 (BRK). 37' 14' 16.11" N., 116' 28' 21.88" W., Surface Elev. 1914 m., Depth of Burial 500 m., Shot Time 190100.089, "GOLDSTONE", Nevada Test Site (Dept. of Energy).
28	19 30 37.2	5.950 S	130.588 E	101 * 5.0	1.0	42	BANDA SEA
28	19 34 54.5	6.943 N	73.135 W	157	1.0	15	NORTHERN COLOMBIA
28	19 44 43.7?	32.46 S	69.31 W	33 N	1.0	6	MENDOZA PROVINCE, ARGENTINA
28	21 04 07.8*	11.344 S	112.163 E	33 N 3.8	1.3	5	SOUTH OF JAVA
28	21 37 56.5?	11.67 N	85.62 W	128 ? 4.2	0.8	10	NICARAGUA
28	21 39 48.9	35.191 N	23.097 E	52 * 4.4	1.1	33	CRETE
28	21 53 21.4*	40.624 N	19.822 E	10 G 3.2	1.0	12	ALBANIA
a	28 23 10 53.0	5.801 S	104.288 E	33 N 5.7 6.0	1.2	232	SOUTHERN SUMATERA. Ms 6.0 (PAS).
28	23 11 01.4?	33.72 N	137.33 E	354 4.2	0.7	13	NEAR S. COAST OF HONSHU, JAPAN
28	00 32 34.3?	27.90 N	44.02 W	10 G 4.7	0.9	15	NORTH ATLANTIC RIDGE
28	00 37 51.6*	40.465 N	127.263 W	5 G		15	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.0 (BRK).
29	00 55 24.5?	38.89 N	44.44 E	33 N 4.4	0.7	5	TURKEY-IRAN BORDER REGION
29	01 44 42.3*	40.607 N	30.089 E	10 G	1.0	6	TURKEY
29	02 36 48.1	50.231 N	12.430 E	10 G	0.4	8	GERMANY. ML 2.5 (FUR), 2.7 (GRF).
29	02 50 16.2?	24.85 S	179.89 E	513 ? 4.7	0.7	12	SOUTH OF FIJI ISLANDS
29	03 09 49.9?	2.10 N	125.92 E	33 N	0.9	12	TALAUD ISLANDS
29	03 14 19.8	38.757 N	27.351 E	10 G	0.5	8	TURKEY
29	03 22 12.8	18.425 N	68.819 W	133 5.1	1.0	141	MONA PASSAGE. Felt throughout Puerto Rico. Felt in eastern Dominican Republic.
29	04 22 06.9	44.639 N	9.584 E	10 G	0.7	16	NORTHERN ITALY. ML 3.0 (LDG), 2.7 (KBA).
29	04 22 57.7*	5.694 S	104.403 E	33 N 4.6	0.9	14	SOUTHERN SUMATERA
29	04 38 21.8?	5.66 S	104.27 E	33 N	1.1	5	SOUTHERN SUMATERA
29	05 47 56.9	20.188 S	70.847 W	51 * 4.5	1.1	18	NEAR COAST OF NORTHERN CHILE
a	29 06 39 14.5	5.947 S	104.234 E	33 N 5.3 5.2	1.4	117	SOUTHERN SUMATERA
29	07 17 02.2	42.418 N	19.848 E	10 G	1.3	15	YUGOSLAVIA. DUR 3.2 (TTG).
29	07 23 33.7*	28.085 N	140.480 E	33 N 5.0	1.3	16	BONIN ISLANDS REGION
29	07 54 30.3	13.434 S	166.211 E	33 N 5.3 5.2	1.1	65	VANUATU ISLANDS
29	08 41 57.3*	21.171 S	69.087 W	164 *	0.9	10	NORTHERN CHILE
29	08 56 56.3	38.552 N	88.965 W	5 G	0.7	14	SOUTHERN ILLINOIS. mblg 3.5 (NEIS). Felt (V) at Dix, Odin, Salem and Sandoval. Felt (IV) at Bluford, Hoffman, Hoyleton and Kell. Also felt at Centralia, Iuka, Mt. Vernon and Walnut Hill.
29	09 04 25.9?	45.72 N	26.45 E	145 ?	0.5	6	ROMANIA
29	09 17 16.3*	59.787 N	153.034 W	88		45	SOUTHERN ALASKA. <AGS-P>.
29	09 45 39.3*	24.475 N	121.814 E	14 *	0.6	7	TAIWAN

29	11 52 23.6*	56.011 S	27.108 W	121 ?	5.2	0.9	24	SOUTH SANDWICH ISLANDS REGION
29	13 11 39.7	2.382 N	79.263 W	33 N	4.2 4.0	1.0	18	SOUTH OF PANAMA
29	14 39 15.0*	7.893 S	153.938 E	33 N	4.4	0.2	5	NEW BRITAIN REGION
29	15 29 48.6	50.201 N	12.358 E	24		1.1	18	GERMANY. ML 3.8 (FUR), 3.7 (GRF), 3.6 (KBA), 3.9 (VKA). Felt (IV) at Selb and Rehau.
29	15 34 12.9	50.228 N	12.429 E	10 G		0.3	8	GERMANY. ML 2.6 (FUR), 2.2 (GRF).
29	15 42 06.4*	24.56 N	121.93 E	10 G		1.4	5	TAIWAN
29	16 12 31.1*	62.408 N	124.135 W	10 G		0.9	5	NORTHWEST TERRITORIES, CANADA
29	16 24 42.0*	5.902 S	104.071 E	33 N	4.7	1.5	29	SOUTHERN SUMATERA
29	16 40 17.2*	62.328 N	150.416 W	63			28	CENTRAL ALASKA. <AGS-P>.
29	17 07 25.1	50.258 N	12.427 E	10 G		0.4	8	GERMANY. ML 2.3 (FUR), 2.3 (GRF).
29	17 26 43.5*	31.717 S	177.865 W	33 N	5.1	1.4	16	KERMADEC ISLANDS REGION
29	17 37 16.3*	5.261 S	145.137 E	33 N		0.3	5	EAST PAPUA NEW GUINEA REGION
29	18 43 17.5*	23.970 N	122.575 E	10 G	3.7	1.3	8	TAIWAN REGION
29	19 15 02.0	62.308 N	124.298 W	10 G	3.9	0.9	9	NORTHWEST TERRITORIES, CANADA
29	20 48 51.5*	47.219 N	143.095 E	33 N	4.4	0.4	10	SAKHALIN ISLAND. Felt (IV) on southern Sakhalin Island.
29	21 10 40.1*	54.28 N	165.38 W	132 ?	4.8	1.2	17	FOX ISLANDS, ALEUTIAN ISLANDS
29	21 31 05.0*	32.624 N	76.104 E	33 N	4.9	0.7	8	KASHMIR-INDIA BORDER REGION
29	21 37 59.1	73.289 N	6.856 E	10 G	4.7	1.1	45	GREENLAND SEA
29	21 57 35.2	0.339 S	119.835 E	41 *	5.0 4.4	1.2	70	MINAHASSA PENINSULA
29	22 23 21.6*	42.444 N	19.859 E	10 G		0.4	5	YUGOSLAVIA. DUR 3.1 (TTG).
29	22 33 04.8	3.347 S	135.149 E	33 N	5.0	1.0	45	WEST IRIAN REGION
29	23 09 50.2*	45.510 N	142.141 E	274 ?	4.5	0.9	30	HOKKAIDO, JAPAN REGION
29	23 58 01.0*	78.476 N	7.256 E	10 G	3.9	1.1	8	SVALBARD REGION
30	00 07 38.8*	32.00 S	68.89 W	120 ?		0.3	5	SAN JUAN PROVINCE, ARGENTINA
30	00 44 36.9*	24.576 N	122.034 E	10 G		0.2	5	TAIWAN REGION
30	01 19 47.4	50.231 N	12.449 E	10 G		0.3	8	GERMANY. ML 2.7 (FUR), 2.7 (GRF).
30	01 22 33.5*	50.225 N	12.469 E	10 G		0.4	5	GERMANY. ML 2.3 (GRF).
30	03 52 50.7*	41.871 N	23.298 E	10 G		1.6	5	GREECE-BULGARIA BORDER REGION
30	04 37 05.4*	44.282 N	6.417 E	10 G		0.2	5	FRANCE. ML 2.5 (LDG).
30	05 14 08.6*	62.107 N	154.316 W	12			29	CENTRAL ALASKA. <AGS-P>. ML 3.5 (PMR).
30	06 06 14.7*	59.791 N	153.751 W	140			37	SOUTHERN ALASKA. <AGS-P>.
30	06 40 22.8*	33.491 S	71.640 W	33 N		1.2	13	NEAR COAST OF CENTRAL CHILE. Felt.
30	06 52 55.8	50.235 N	12.443 E	10 G		0.3	7	GERMANY. ML 3.0 (FUR), 3.1 (GRF).
30	09 46 36.6	62.835 N	149.775 W	108 ?		0.5	11	CENTRAL ALASKA
30	11 13 14.8	5.546 S	150.686 E	113	5.8	0.9	246	NEW BRITAIN REGION. Felt (III) at Arawo, Bougainville.
30	12 41 02.7	61.541 N	150.340 W	62	5.5	1.0	237	SOUTHERN ALASKA. Felt (V) at Anchorage and Eagle River. Felt (IV) at Chugiak, Cooper Landing, Elmendorf Air Force Base, Girdwood, Kenai, Palmer, Peters Creek, Skwentna, Sutton, Tyonek, Willow and Wasilla. Felt (III) at Seward.
30	14 00 31.2*	61.455 N	150.297 W	54			31	SOUTHERN ALASKA. <AGS-P>. Felt at Anchorage.
30	14 07 16.3*	62.304 N	150.772 W	63			22	CENTRAL ALASKA. <AGS-P>.
30	14 23 16.9*	62.616 N	148.688 W	46			49	CENTRAL ALASKA. <AGS-P>. Felt (III) at Tolkeetno.
30	14 33 48.0	4.700 S	145.238 E	155	4.2	0.9	19	NEAR N COAST OF PAPUA NEW GUINEA
30	14 35 37.9*	61.455 N	150.306 W	55			41	SOUTHERN ALASKA. <AGS-P>.
30	16 50 28.3	42.380 N	19.897 E	10 G		1.0	9	YUGOSLAVIA. DUR 3.0 (TTG).
30	17 26 24.1*	44.292 N	7.260 E	10 G		1.0	5	NORTHERN ITALY. ML 2.8 (LDG).
30	17 37 31.8	50.256 N	12.420 E	10 G		0.3	6	GERMANY. ML 2.4 (GRF).
30	17 38 50.8*	50.201 N	12.374 E	10 G		1.2	5	GERMANY
30	18 24 12.7*	50.269 N	12.423 E	10 G		0.2	5	GERMANY. ML 2.2 (GRF).
30	18 40 00.9*	33.034 S	71.910 W	49 *	4.8	1.0	24	NEAR COAST OF CENTRAL CHILE. Felt (III) at Santiago.
30	18 40 16.6	50.233 N	12.442 E	10 G		0.3	8	GERMANY. ML 2.6 (FUR), 2.9 (GRF), 2.9 (KBA).
30	18 55 08.7	62.114 N	124.134 W	10 G	4.8	1.2	45	NORTHWEST TERRITORIES, CANADA
30	20 13 20.3	63.592 N	151.298 W	33 N	5.1	0.8	90	CENTRAL ALASKA. ML 4.5 (PMR). Felt (III) at Denali National Park.
30	20 19 28.9	7.424 N	36.143 W	10 G	4.7	0.8	28	CENTRAL MID-ATLANTIC RIDGE
30	20 37 30.0*	5.573 S	104.092 E	33 N	4.6	1.2	27	SOUTHERN SUMATERA
30	21 49 52.7*	50.229 N	12.427 E	10 G		0.7	11	GERMANY. ML 3.4 (FUR), 3.5 (GRF), 3.4 (KBA), 3.7 (VKA). Felt (IV) at Selb and Rehau.
31	00 24 12.5	50.235 N	12.441 E	10		0.3	8	GERMANY. ML 2.9 (GRF), 2.7 (FUR).
31	01 00 26.2	50.237 N	12.440 E	10		0.3	8	GERMANY. ML 2.9 (GRF), 2.7 (FUR), 3.3 (VKA).
31	01 05 37.0	50.238 N	12.447 E	10 G		0.4	6	GERMANY. ML 2.3 (GRF).
31	01 21 01.0	50.238 N	12.442 E	10 G		0.3	9	GERMANY. ML 3.0 (FUR), 3.1 (GRF), 3.0 (KBA).
31	01 23 42.9	50.229 N	12.425 E	10 G		0.7	11	GERMANY. ML 3.5 (FUR), 3.5 (GRF), 3.6 (KBA), 3.8 (VKA).
31	01 51 14.0*	50.245 N	12.378 E	10 G		1.1	5	GERMANY
31	02 05 02.2	59.780 N	152.313 W	38	4.6	1.3	64	SOUTHERN ALASKA. ML 4.4 (PMR). Felt (IV) at Homer and (III) at Anchor Point.
31	02 08 07.6*	50.231 N	12.439 E	10 G		0.2	5	GERMANY
31	02 45 27.0	31.944 N	141.549 E	33 N	4.8	0.4	20	SOUTH OF HONSHU, JAPAN
31	04 30 50.8*	40.596 N	30.008 E	10 G		0.7	7	TURKEY
31	04 39 32.7	50.237 N	12.452 E	10 G		0.3	6	GERMANY
31	04 39 49.5*	40.585 N	30.012 E	10 G		0.9	7	TURKEY
31	04 51 47.3*	40.591 N	30.018 E	10 G		0.7	8	TURKEY
31	04 53 50.0*	40.587 N	30.012 E	10 G		0.9	6	TURKEY
31	05 16 50.2*	40.576 N	29.973 E	10 G		0.8	7	TURKEY
31	05 46 55.6*	52.17 N	17.58 E	10 G		0.6	8	POLAND. ML 3.7 (VKA), 3.6 (KBA).
31	06 57 17.6	73.360 N	6.767 E	10 G	4.8 5.0	1.1	66	GREENLAND SEA
31	07 05 38.1*	50.214 N	12.422 E	10 G		0.1	5	GERMANY
31	07 06 18.4*	50.251 N	12.428 E	10 G		0.0	5	GERMANY
31	07 10 06.7	73.294 N	6.697 E	10 G	4.6 4.4	1.0	31	GREENLAND SEA
31	08 58 33.9*	13.239 N	143.523 E	33 N	4.5	0.7	8	SOUTH OF MARIANA ISLANDS
31	09 38 55.4	5.772 S	104.297 E	33 N	5.1 5.1	1.0	86	SOUTHERN SUMATERA
31	11 50 39.0*	40.684 N	30.056 E	10 G		1.1	7	TURKEY
31	11 51 05.1	27.808 N	54.492 E	33 N	4.6	1.0	38	SOUTHERN IRAN
31	14 04 43.6	16.954 S	173.546 W	16 D	5.8 5.0	1.0	191	TONGA ISLANDS
31	14 24 40.8	13.712 N	121.143 E	33 N	4.6	1.0	27	MINDORO, PHILIPPINE ISLANDS
31	16 57 15.0*	23.453 S	66.939 W	224 *		0.4	8	JUJUY PROVINCE, ARGENTINA
31	17 04 24.1*	30.37 N	34.90 E	10 G		1.4	4	DEAD SEA REGION. Felt (IV) at Eilat, Israel.
31	17 52 06.6*	50.255 N	12.458 E	10 G		0.4	5	GERMANY
31	18 08 50.6*	32.961 S	71.458 W	33 N		1.3	13	NEAR COAST OF CENTRAL CHILE. Felt.
31	18 19 54.3	40.629 N	29.998 E	11		0.7	14	TURKEY
31	18 23 33.1*	40.568 N	29.964 E	10 G		1.0	7	TURKEY

31	18 27 25.8	34.760 N	97.484 W	5 G	0.8	8	OKLAHOMA. mbLg 2.7 (TUL).
31	18 34 16.4	62.325 N	124.199 W	10 G 3.9	0.6	7	NORTHWEST TERRITORIES, CANADA
31	18 48 17.07	29.88 S	71.81 W	33 N	0.7	8	NEAR COAST OF CENTRAL CHILE
31	19 05 52.8	21.834 S	179.663 W	598 * 4.5	0.9	17	FIJI ISLANDS REGION
31	19 42 40.6	29.075 N	34.855 E	10 G 4.9	1.2	37	ARAB REPUBLIC OF EGYPT. Felt (IV) at Elat, Israel.
31	20 08 03.2	37.453 N	118.608 W	14	21	21	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.7 (BRK). 3.6 (PAS).
31	20 25 01.6	5.929 N	73.524 W	157 4.4	0.9	15	COLOMBIA
31	21 45 25.0	50.244 N	12.433 E	10 G	0.2	6	GERMANY. ML 2.6 (GRF).
31	22 56 33.1	5.534 N	126.306 E	126 ? 4.9	1.2	40	MINDANAO, PHILIPPINE ISLANDS
31	23 36 35.8	50.230 N	12.441 E	10 G	0.3	6	GERMANY. ML 2.4 (GRF).
31	23 48 14.5	42.355 N	19.879 E	10 G	0.6	8	YUGOSLAVIA. ML 3.0 (TTG).
31	23 54 31.47	14.30 N	60.17 W	33 N	0.4	6	WINDWARD ISLANDS. ML 3.8 (MGG).

ADDITIONAL SOURCE PARAMETERS

01 06 16 39.70 16.547S 66.708E 10km 5.2mb (46 obs.) 4.6Msz (2 obs.) MID-INDIAN RISE CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 25C Centroid Location: Origin Time 06:16:47.2 0.6 Lat 16.06S 0.09 Lon 66.53E 0.08 Dep 10.0 FIX Half-duration 1.6 Principal Axes: Scale 10**24 D-CM T Val= 1.42 Plg=21 Azm=103 N -0.39 68 299 P -1.03 6 195 Best Double Couple:Mo=1.2*10**24 NP1:Strike=241 Dip=71 Slip= 11 NP2: 147 79 161	NP1:Strike=197 Dip=32 Slip=-120 NP2: 52 62 -72	NP1:Strike=266 Dip=60 Slip= -5 NP2: 358 86 -150
02 07 14 36.96 41.158N 139.806E 22km 5.4mb (66 obs.) 5.6Msz (2 obs.) HOKKAIDO, JAPAN REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 14S, 26C Centroid Location: Origin Time 07:14:40.2 0.3 Lat 41.19N 0.06 Lon 139.41E 0.05 Dep 22.3 2.6 Half-duration 2.1 Principal Axes: Scale 10**24 D-CM T Val= 2.14 Plg=83 Azm=306 N 0.03 6 162 P -2.16 4 71 Best Double Couple:Mo=2.1*10**24 NP1:Strike=155 Dip=41 Slip= 81 NP2: 347 49 98	03 17 52 23.95 6.766N 72.937W 164km 5.1mb (68 obs.) NORTHERN COLOMBIA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 24C Centroid Location: Origin Time 17:52:29.4 0.8 Lat 7.10N 0.08 Lon 73.34W 0.11 Dep 153.4 3.8 Half-duration 1.7 Principal Axes: Scale 10**24 D-CM T Val= 1.04 Plg=22 Azm=353 N 0.25 59 127 P -1.28 20 255 Best Double Couple:Mo=1.2*10**24 NP1:Strike= 34 Dip=59 Slip= 179 NP2: 124 89 31	10 11 20 53.23 44.155N 146.881E 117km 5.3mb (72 obs.) KURIL ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 8S, 16C Centroid Location: Origin Time 11:20:56.3 1.2 Lat 43.76N 0.11 Lon 146.90E 0.22 Dep 120.0 7.9 Half-duration 1.5 Principal Axes: Scale 10**23 D-CM T Val= 7.84 Plg=26 Azm= 7 N -0.78 33 259 P -7.06 46 127 Best Double Couple:Mo=7.4*10**23 NP1:Strike=145 Dip=36 Slip= -20 NP2: 251 79 -124
03 00 12 13.98 26.939N 140.494E 428km 5.9mb (74 obs.) BONIN ISLANDS REGION FAULT PLANE SOLUTION: P-Waves NP1:Strike= 52 Dip=65 Slip= -64 NP2: 183 35 -133 Principal Axes: T Plg=16 Azm=123 P 61 2 Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined. MOMENT TENSOR SOLUTION Dep 420 No. of sta: 5 Principal Axes: Scale 10**24 d-cm T Val= 5.38 Plg=19 Azm=127 N 0.16 7 220 P -5.54 69 330 Best Double Couple:Mo=5.5*10**24 NP1:Strike=205 Dip=27 Slip=-106 NP2: 43 64 -82 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 15S, 31C Centroid Location: Origin Time 00:12:15.8 0.2 Lat 26.90N 0.02 Lon 140.44E 0.03 Dep 425.4 1.5 Half-duration 2.9 Principal Axes: Scale 10**24 D-CM T Val= 4.65 Plg=16 Azm=129 N 1.32 16 223 P -5.97 68 356 Best Double Couple:Mo=5.3*10**24	05 18 27 38.33 20.631S 178.335W 565km 5.0mb (18 obs.) FIJI ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 12S, 18C Centroid Location: Origin Time 18:27:43.2 1.4 Lat 20.62S 0.18 Lon 178.46W 0.14 Dep 561.5 7.5 Half-duration 1.3 Principal Axes: Scale 10**23 D-CM T Val= 4.31 Plg=15 Azm= 65 N 1.48 10 158 P -5.80 71 281 Best Double Couple:Mo=5.1*10**23 NP1:Strike=140 Dip=31 Slip=-110 NP2: 344 61 -78	11 12 15 26.43 7.022S 150.015E 13km 5.4mb (19 obs.) NEW BRITAIN REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 9S, 17C Centroid Location: Origin Time 12:15:26.2 2.3 Lat 7.80S 0.16 Lon 150.40E 0.18 Dep 10.0 FIX Half-duration 1.4 Principal Axes: Scale 10**23 D-CM T Val= 4.22 Plg= 7 Azm=171 N -0.17 24 78 P -4.05 65 275 Best Double Couple:Mo=4.1*10**23 NP1:Strike=286 Dip=44 Slip= -53 NP2: 60 56 -120
06 20 39 25.03 43.071N 141.050E 162km 5.1mb (65 obs.) HOKKAIDO, JAPAN REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 10S, 20C Centroid Location: Origin Time 20:39:27.6 0.7 Lat 43.10N 0.07 Lon 140.86E 0.16 Dep 152.1 2.9 Half-duration 1.6 Principal Axes: Scale 10**23 D-CM T Val= 7.48 Plg=50 Azm=170 N -1.08 2 263 P -6.40 40 355 Best Double Couple:Mo=6.9*10**23 NP1:Strike=104 Dip= 6 Slip= 112 NP2: 263 85 88	14 06 46 11.78 3.683N 126.600E 22km 5.8mb (62 obs.) 6.1Msz (20 obs.) TALAUD ISLANDS FAULT PLANE SOLUTION: P-Waves NP1:Strike=340 Dip=60 Slip= 90 NP2: 160 30 90 Principal Axes: T Plg=75 Azm=250 P 15 70 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2. MOMENT TENSOR SOLUTION Dep 26 No. of sta: 10 Principal Axes: Scale 10**25 d-cm T Val= 3.13 Plg=72 Azm=310 N -0.10 15 167 P -3.02 11 74 Best Double Couple:Mo=3.1*10**25 NP1:Strike=146 Dip=37 Slip= 65 NP2: 357 57 108 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 14S, 31C Centroid Location: Origin Time 06:46:19.3 0.2 Lat 3.84N 0.02 Lon 126.86E 0.02 Dep 28.6 1.4 Half-duration 4.0 Principal Axes: Scale 10**25 D-CM T Val= 2.11 Plg=87 Azm=248 N 0.11 2 13	06 22 26 25.57 1.636S 134.910E 25km 5.8mb (36 obs.) 5.8Msz (6 obs.) WEST IRIAN REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 16S, 34C Centroid Location: Origin Time 22:26:30.7 0.4 Lat 1.36S 0.04 Lon 134.80E 0.03 Dep 15.0 BDY Half-duration 3.6 Principal Axes: Scale 10**24 D-CM T Val= 11.39 Plg=18 Azm=128 N 0.28 59 5 P -11.68 24 226 Best Double Couple:Mo=1.2*10**25

P -2.21 2 103
 Best Double Couple:Mo=2.2*10**25
 NP1:Strike=195 Dip=43 Slip= 92
 NP2: 12 47 88

14 18 13 31.50 14.712N 57.999E 10km
 5.5mb (67 obs.) 5.3Msz (10 obs.)
 ARABIAN SEA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 15S, 39C
 Centroid Location:
 Origin Time 18:13:33.4 0.3
 Lot 14.94N 0.03 Lon 57.96E 0.03
 Dep 10.0 FIX Half-duration 2.8
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 5.35 Plg= 8 Azm=159
 N -0.90 76 282
 P -4.46 12 67
 Best Double Couple:Mo=4.9*10**24
 NP1:Strike=204 Dip=76 Slip=-177
 NP2: 113 87 -14

16 02 44 36.07 11.725N 85.838W 22km
 5.9mb (81 obs.) 6.0Msz (23 obs.)
 NICARAGUA
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 60 Dip=88 Slip= 2
 NP2: 330 88 178
 Principal Axes:
 T Plg= 3 Azm=285
 P 0 15
 Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
 MOMENT TENSOR SOLUTION
 Dep 29 No. of sta: 9
 Principal Axes:
 Scale 10**25 d-cm
 T Val= 3.47 Plg= 7 Azm=282
 N 0.43 82 136
 P -3.90 5 13
 Best Double Couple:Mo=3.7*10**25
 NP1:Strike= 58 Dip=82 Slip= 2
 NP2: 328 88 172
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 15S, 34C
 Centroid Location:
 Origin Time 02:44:38.6 0.3
 Lot 11.65N 0.03 Lon 85.58W 0.03
 Dep 10.0 BDY Half-duration 4.4
 Principal Axes:
 Scale 10**25 D-CM
 T Val= 1.69 Plg= 1 Azm=283
 N -0.16 88 165
 P -1.54 2 13
 Best Double Couple:Mo=1.6*10**25
 NP1:Strike= 58 Dip=88 Slip= -1
 NP2: 148 89 -178

16 08 04 07.06 14.073S 166.251E 37km
 6.0mb (34 obs.) 6.7Msz (28 obs.)
 VANUATU ISLANDS
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=170 Dip=65 Slip= -90
 NP2: 350 25 -90
 Principal Axes:
 T Plg=20 Azm=260
 P 70 80
 Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
 MOMENT TENSOR SOLUTION
 Dep 26 No. of sta: 11
 Principal Axes:
 Scale 10**25 d-cm
 T Val= 7.85 Plg=12 Azm=252
 N -0.48 19 346
 P -7.37 67 131
 Best Double Couple:Mo=7.6*10**25
 NP1:Strike=319 Dip=37 Slip=-123
 NP2: 178 60 -68
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 18S, 45C M.W.: 10S, 22C
 Centroid Location:
 Origin Time 08:04:12.0 0.1

Lot 14.21S 0.01 Lon 166.16E 0.01
 Dep 31.6 0.9 Half-duration 6.4
 Principal Axes:
 Scale 10**25 D-CM
 T Val= 6.46 Plg= 3 Azm= 98
 N 0.10 22 189
 P -6.57 67 0
 Best Double Couple:Mo=6.5*10**25
 NP1:Strike=166 Dip=46 Slip=-122
 NP2: 28 52 -61

16 16 56 45.01 47.676S 136.547E 10km
 5.4mb (21 obs.) 5.3Msz (1 obs.)
 SOUTH OF AUSTRALIA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 24C
 Centroid Location:
 Origin Time 16:56:51.9 0.4
 Lot 47.70S 0.05 Lon 136.67E 0.06
 Dep 10.0 FIX Half-duration 2.5
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 4.48 Plg=19 Azm=210
 N -0.42 69 51
 P -4.06 7 303
 Best Double Couple:Mo=4.3*10**24
 NP1:Strike=348 Dip=71 Slip= 9
 NP2: 255 81 161

17 00 13 19.84 36.003S 53.512E 10km
 5.2mb (17 obs.) 5.2Msz (2 obs.)
 SOUTH INDIAN OCEAN
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 32C
 Centroid Location:
 Origin Time 00:13:26.6 0.3
 Lot 35.69S 0.05 Lon 53.41E 0.03
 Dep 10.0 FIX Half-duration 2.5
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 4.99 Plg=14 Azm=139
 N -0.11 73 287
 P -4.88 8 47
 Best Double Couple:Mo=4.9*10**24
 NP1:Strike=182 Dip=74 Slip= 176
 NP2: 274 86 16

17 00 49 44.90 36.024S 53.460E 10km
 5.4mb (22 obs.) 5.3Msz (2 obs.)
 SOUTH INDIAN OCEAN
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 29C
 Centroid Location:
 Origin Time 00:49:51.1 0.5
 Lot 35.63S 0.07 Lon 53.50E 0.05
 Dep 10.0 FIX Half-duration 2.6
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 4.09 Plg= 5 Azm=140
 N -0.23 85 305
 P -3.87 1 50
 Best Double Couple:Mo=4.0*10**24
 NP1:Strike=185 Dip=85 Slip= 177
 NP2: 275 87 5

17 21 41 39.76 21.783S 176.612W 195km
 5.2mb (31 obs.)
 FIJI ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 22C
 Centroid Location:
 Origin Time 21:41:45.8 0.5
 Lot 21.86S 0.09 Lon 176.63W 0.08
 Dep 201.3 2.7 Half-duration 1.9
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 1.53 Plg=34 Azm=107
 N 0.11 19 211
 P -1.65 49 324
 Best Double Couple:Mo=1.6*10**24
 NP1:Strike=145 Dip=21 Slip=-157
 NP2: 34 82 -71

18 07 23 31.83 5.317S 154.297E 212km
 5.0mb (10 obs.)
 SOLOMON ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 7S, 12C

Centroid Location:
 Origin Time 07:23:33.8 1.7
 Lot 5.40S 0.09 Lon 154.38E 0.17
 Dep 213.5 7.8 Half-duration 1.4
 Principal Axes:
 Scale 10**23 D-CM
 T Val= 5.08 Plg=16 Azm=214
 N 0.46 71 3
 P -5.54 9 121
 Best Double Couple:Mo=5.3*10**23
 NP1:Strike=257 Dip=72 Slip= 175
 NP2: 348 85 18

19 04 23 02.29 15.180S 173.622W 33km
 5.3mb (17 obs.) 5.0Msz (5 obs.)
 TONGA ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 24C
 Centroid Location:
 Origin Time 04:23:11.2 0.7
 Lot 15.26S 0.09 Lon 173.26W 0.09
 Dep 10.0 BDY Half-duration 1.8
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 1.97 Plg=39 Azm=178
 N -0.04 19 284
 P -1.93 45 35
 Best Double Couple:Mo=1.9*10**24
 NP1:Strike=205 Dip=19 Slip=-169
 NP2: 105 87 -71

19 15 39 03.90 0.077N 123.563E 161km
 5.6mb (32 obs.)
 MINAHASSA PENINSULA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 17C
 Centroid Location:
 Origin Time 15:39: 2.9 0.8
 Lot 0.00N 0.07 Lon 123.41E 0.08
 Dep 131.3 3.6 Half-duration 1.5
 Principal Axes:
 Scale 10**23 D-CM
 T Val= 9.79 Plg=73 Azm=299
 N -4.33 10 65
 P -5.46 14 158
 Best Double Couple:Mo=7.6*10**23
 NP1:Strike=261 Dip=33 Slip= 109
 NP2: 59 59 78

20 03 49 09.23 3.652S 140.311E 44km
 5.5mb (14 obs.) 5.5Msz (4 obs.)
 WEST IRIAN
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 18C
 Centroid Location:
 Origin Time 03:49:16.8 0.7
 Lot 3.26S 0.07 Lon 140.61E 0.05
 Dep 16.0 2.5 Half-duration 3.0
 Principal Axes:
 Scale 10**24 D-CM
 T Val= 5.59 Plg=60 Azm=272
 N -0.07 26 123
 P -5.52 13 26
 Best Double Couple:Mo=5.6*10**24
 NP1:Strike= 86 Dip=39 Slip= 46
 NP2: 317 63 120

21 01 13 22.41 13.966S 166.516E 43km
 6.0mb (43 obs.) 7.3Msz (20 obs.)
 VANUATU ISLANDS
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=190 Dip=63 Slip= 90
 NP2: 10 27 90
 Principal Axes:
 T Plg=72 Azm=100
 P 18 280
 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
 MOMENT TENSOR SOLUTION
 Dep 42 No. of sta: 9
 Principal Axes:
 Scale 10**26 d-cm
 T Val= 5.31 Plg=79 Azm=125
 N 0.48 7 355
 P -5.79 8 264
 Best Double Couple:Mo=5.5*10**26
 NP1:Strike=346 Dip=37 Slip= 78

NP2: 180 54 99
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 58C M.W.: 14S, 33C
Centroid Location:
Origin Time 01:13:32.7 0.1
Lat 13.89S 0.01 Lon 166.57E 0.01
Dep 45.5 0.5 Half-duration 12.7
Principal Axes:
Scale 10**26 D-CM
T Val= 5.77 Plg=88 Azm=299
N -0.15 1 166
P -5.62 1 76
Best Double Couple: Mo=5.7*10**26
NP1: Strike=165 Dip=44 Slip= 88
NP2: 348 46 92

21 02 46 33.27 14.092S 166.654E 33km
5.8mb (44 obs.) 6.5Msz (8 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 24C
Centroid Location:
Origin Time 02:46:38.5 0.6
Lat 14.19S 0.06 Lon 166.78E 0.07
Dep 49.5 4.4 Half-duration 6.1
Principal Axes:
Scale 10**25 D-CM
T Val= 6.09 Plg=84 Azm=201
N 1.91 6 353
P -8.00 3 83
Best Double Couple: Mo=7.1*10**25
NP1: Strike=179 Dip=42 Slip= 99
NP2: 348 48 82

21 10 01 58.60 14.187S 166.452E 33km
5.6mb (27 obs.) 5.9Msz (8 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 41C
Centroid Location:
Origin Time 10:02: 5.6 0.2
Lat 14.29S 0.02 Lon 166.40E 0.02
Dep 37.5 1.6 Half-duration 4.7
Principal Axes:
Scale 10**25 D-CM
T Val= 2.68 Plg=67 Azm= 6
N 0.42 23 172
P -3.10 5 264
Best Double Couple: Mo=2.9*10**25
NP1: Strike= 17 Dip=45 Slip= 123
NP2: 154 54 61

21 14 40 29.72 14.114S 166.365E 33km
5.4mb (14 obs.) 5.3Msz (2 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 24C
Centroid Location:
Origin Time 14:40:32.6 0.7
Lat 13.98S 0.09 Lon 166.10E 0.08
Dep 33.1 6.0 Half-duration 1.7
Principal Axes:
Scale 10**24 D-CM
T Val= 1.49 Plg=64 Azm=359
N -0.19 25 161
P -1.30 7 254
Best Double Couple: Mo=1.4*10**24
NP1: Strike= 10 Dip=44 Slip= 128
NP2: 143 57 60

22 17 13 26.93 15.572S 178.448W 18km
5.6mb (31 obs.) 5.7Msz (8 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 41C
Centroid Location:
Origin Time 17:13:32.7 0.2
Lat 15.55S FIX; Lon 178.54W FIX
Dep 10.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**24 D-CM
T Val= 14.43 Plg=16 Azm=114
N -2.61 72 322
P -11.82 8 206
Best Double Couple: Mo=1.3*10**25
NP1: Strike=251 Dip=73 Slip= 6
NP2: 159 84 163

22 18 26 59.29 15.602S 178.400W 10km
5.5mb (32 obs.) 5.9Msz (10 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 38C
Centroid Location:
Origin Time 18:27: 4.3 0.2
Lat 15.54S FIX; Lon 178.58W FIX
Dep 10.0 FIX Half-duration 3.7
Principal Axes:
Scale 10**24 D-CM
T Val= 11.97 Plg=20 Azm=115
N -1.15 70 311
P -10.82 5 207
Best Double Couple: Mo=1.1*10**25
NP1: Strike=253 Dip=72 Slip= 10
NP2: 160 80 162

23 05 16 03.33 62.222N 124.239W 6km
6.4mb (60 obs.) 6.9Msz (20 obs.)
NORTHWEST TERRITORIES, CANADA
FAULT PLANE SOLUTION: P-Waves
NP1: Strike=358 Dip=72 Slip= 90
NP2: 178 18 90
Principal Axes:
T Plg=63 Azm=268
P 27 88
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 2 No. of sta: 14
Principal Axes:
Scale 10**26 d-cm
T Val= 2.05 Plg=57 Azm=226
N 0.53 16 341
P -2.58 29 80
Best Double Couple: Mo=2.3*10**26
NP1: Strike=206 Dip=22 Slip= 137
NP2: 337 75 74

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 33C M.W.: 13S, 35C
Centroid Location:
Origin Time 05:16:11.1 0.2
Lat 62.33N 0.02 Lon 123.79W 0.03
Dep 14.7 0.7 Half-duration 9.5
Principal Axes:
Scale 10**26 D-CM
T Val= 1.65 Plg=84 Azm=349
N -0.27 6 168
P -1.38 0 258
Best Double Couple: Mo=1.5*10**26
NP1: Strike=354 Dip=45 Slip= 98
NP2: 163 45 82

23 18 15 09.24 13.979S 166.320E 42km
5.5mb (21 obs.) 5.3Msz (3 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 33C
Centroid Location:
Origin Time 18:15:11.9 0.4
Lat 13.97S 0.04 Lon 166.21E 0.04
Dep 38.7 2.6 Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 1.95 Plg=80 Azm= 39
N 0.78 8 185
P -2.73 6 276
Best Double Couple: Mo=2.3*10**24
NP1: Strike= 15 Dip=40 Slip= 103
NP2: 178 51 79

23 19 37 54.96 62.097N 124.310W 10km
5.4mb (58 obs.) 5.0Msz (4 obs.)
NORTHWEST TERRITORIES, CANADA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 19:37:56.4 3.2
Lat 62.24N 0.32 Lon 123.95W 0.46
Dep 10.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 6.76 Plg=73 Azm= 27
N -1.41 15 178
P -5.35 8 270

Best Double Couple: Mo=6.1*10**23
NP1: Strike= 17 Dip=39 Slip= 115
NP2: 167 55 71

24 04 09 41.27 35.090S 54.272E 10km
6.0mb (45 obs.) 6.0Msz (15 obs.)
SOUTH INDIAN OCEAN
FAULT PLANE SOLUTION: P-Waves
NP1: Strike= 95 Dip=87 Slip= 0
NP2: 185 90 183
Principal Axes:
T Plg= 2 Azm=320
P 2 50
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is NP2.

MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 8
Principal Axes:
Scale 10**25 d-cm
T Val= 1.65 Plg= 3 Azm=140
N 0.63 79 243
P -2.27 11 49
Best Double Couple: Mo=2.0*10**25
NP1: Strike=185 Dip=81 Slip=-174
NP2: 94 84 -9
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 39C
Centroid Location:
Origin Time 04:09:48.2 0.3
Lat 34.77S 0.04 Lon 54.13E 0.03
Dep 10.0 FIX Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM
T Val= 2.33 Plg=21 Azm=140
N -0.18 64 284
P -2.15 14 45
Best Double Couple: Mo=2.2*10**25
NP1: Strike=181 Dip=65 Slip= 175
NP2: 273 85 25

24 04 13 20.87 7.063N 34.824W 10km
5.1mb (12 obs.) 5.4Msz (4 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C
Centroid Location:
Origin Time 04:13:30.5 0.6
Lat 7.53N 0.06 Lon 33.88W 0.05
Dep 10.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 6.35 Plg= 1 Azm=220
N 3.28 57 128
P -9.63 32 310
Best Double Couple: Mo=8.0*10**24
NP1: Strike=350 Dip=67 Slip=-23
NP2: 90 69 -155

24 04 37 30.31 14.322S 166.344E 33km
5.6mb (15 obs.) 5.9Msz (3 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 04:37:37.3 0.7
Lat 14.42S 0.10 Lon 166.20E 0.10
Dep 32.7 5.8 Half-duration 2.7
Principal Axes:
Scale 10**24 D-CM
T Val= 5.22 Plg=88 Azm=125
N 0.06 2 339
P -5.28 1 249
Best Double Couple: Mo=5.3*10**24
NP1: Strike=337 Dip=44 Slip= 87
NP2: 161 46 93

25 02 35 51.08 14.071S 170.011E 33km
5.4mb (16 obs.) 5.6Msz (5 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 33C
Centroid Location:
Origin Time 02:35:51.9 0.3
Lat 14.14S 0.03 Lon 170.16E 0.03
Dep 27.9 3.5 Half-duration 2.7
Principal Axes:

Scale 10**24 D-CM
T Val= 5.71 Plg=11 Azm=146
N -0.37 66 30
P -5.34 21 240
Best Double Couple:Mo=5.5*10**24
NP1:Strike=282 Dip=67 Slip= -7
NP2: 15 83 -157

25 03 01 23.73 22.744S 175.947W 72km
5.4mb (24 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 03:01:26.9 0.6
Lat 22.74S 0.09 Lon 175.70W 0.10
Dep 61.3 7.9 Half-duration 2.7
Principal Axes:
Scale 10**24 D-CM
T Val= 3.93 Plg=39 Azm=163
N 0.26 38 33
P -4.19 28 278
Best Double Couple:Mo=4.1*10**24
NP1:Strike=316 Dip=39 Slip= 10
NP2: 218 84 129

25 22 15 09.73 21.667S 178.533W 455km
5.5mb (40 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C
Centroid Location:
Origin Time 22:15:16.7 0.2
Lat 21.68S 0.03 Lon 178.55W 0.02
Dep 461.8 1.0 Half-duration 4.1
Principal Axes:
Scale 10**25 D-CM
T Val= 1.68 Plg=30 Azm=138
N -0.08 32 248
P -1.60 44 15
Best Double Couple:Mo=1.6*10**25
NP1:Strike=176 Dip=33 Slip=-165
NP2: 73 82 -58

27 05 38 53.45 5.763S 104.191E 25km
5.8mb (52 obs.) 6.6Msz (26 obs.)
SOUTHERN SUMATERA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=75 Slip= 175
NP2: 81 85 15
Principal Axes:
T Plg=14 Azm=307
P 7 215
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.
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 9
Principal Axes:
Scale 10**25 d-cm
T Val= 3.83 Plg=14 Azm=109
N -0.23 45 4
P -3.60 41 212
Best Double Couple:Mo=3.7*10**25
NP1:Strike=241 Dip=50 Slip= -22
NP2: 346 73 -138
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 41C M.W.: 13S, 26C
Centroid Location:
Origin Time 05:38:57.0 0.2
Lat 5.91S 0.02 Lon 103.96E 0.02
Dep 19.9 2.1 Half-duration 6.5
Principal Axes:
Scale 10**25 D-CM
T Val= 5.92 Plg=11 Azm=292
N 0.53 69 54
P -6.45 18 199
Best Double Couple:Mo=6.2*10**25
NP1:Strike=337 Dip=69 Slip=-175
NP2: 245 86 -21

28 05 00 26.62 0.378N 122.194E 142km
5.5mb (33 obs.)
MINAHASSA PENINSULA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 22C

Centroid Location:
Origin Time 05:00:23.5 0.8
Lat 0.21N 0.07 Lon 122.53E 0.09
Dep 129.3 4.6 Half-duration 1.7
Principal Axes:
Scale 10**24 D-CM
T Val= 1.84 Plg=51 Azm=196
N -0.73 19 311
P -1.10 33 53
Best Double Couple:Mo=1.5*10**24
NP1:Strike=191 Dip=21 Slip= 152
NP2: 307 80 71

28 10 28 44.78 5.849S 154.250E 50km
5.4mb (24 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 10:28:50.9 0.5
Lat 5.78S 0.08 Lon 153.90E 0.09
Dep 43.5 6.5 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.75 Plg=74 Azm=155
N 1.02 15 320
P -8.77 4 51
Best Double Couple:Mo=8.3*10**23
NP1:Strike=157 Dip=43 Slip= 113
NP2: 307 51 70

28 15 41 03.71 13.192S 166.507E 36km
5.7mb (27 obs.) 6.2Msz (23 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=170 Dip=64 Slip= 90
NP2: 350 26 90
Principal Axes:
T Plg=71 Azm= 80
P 19 260
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 46 No. of sta: 9
Principal Axes:
Scale 10**25 d-cm
T Val= 3.50 Plg=59 Azm=127
N 0.02 24 351
P -3.53 19 252
Best Double Couple:Mo=3.5*10**25
NP1:Strike=309 Dip=33 Slip= 43
NP2: 181 68 116
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 48C
Centroid Location:
Origin Time 15:41:10.5 0.1
Lat 13.36S 0.02 Lon 166.38E 0.02
Dep 44.4 1.1 Half-duration 5.0
Principal Axes:
Scale 10**25 D-CM
T Val= 3.06 Plg=80 Azm=346
N 0.28 10 170
P -3.33 1 80
Best Double Couple:Mo=3.2*10**25
NP1:Strike=160 Dip=45 Slip= 76
NP2: 0 47 104

28 23 10 53.04 5.801S 104.288E 33km
5.7mb (42 obs.) 6.0Msz (23 obs.)
SOUTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 42C
Centroid Location:
Origin Time 23:10:57.6 0.4
Lat 6.01S 0.04 Lon 103.94E 0.03
Dep 22.4 2.3 Half-duration 4.3
Principal Axes:
Scale 10**25 D-CM
T Val= 1.65 Plg=11 Azm=298
N 0.41 78 102
P -2.06 3 207
Best Double Couple:Mo=1.9*10**25
NP1:Strike=342 Dip=80 Slip= 174
NP2: 73 84 10

29 06 39 14.58 5.947S 104.234E 33km
5.3mb (29 obs.) 5.2Msz (6 obs.)

SOUTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 06:39:12.3 1.5
Lat 5.94S 0.15 Lon 103.88E 0.09
Dep 25.0 7.5 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.96 Plg= 6 Azm=299
N 4.82 58 39
P -14.78 32 205
Best Double Couple:Mo=1.2*10**24
NP1:Strike=347 Dip=63 Slip=-161
NP2: 248 73 -28

30 11 13 14.85 5.546S 150.686E 113km
5.8mb (46 obs.)
NEW BRITAIN REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 55 Dip=77 Slip= 90
NP2: 235 13 90
Principal Axes:
T Plg=58 Azm=325
P 32 145
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 95 No. of sta: 5
Principal Axes:
Scale 10**25 d-cm
T Val= 1.72 Plg=45 Azm=317
N -0.26 11 216
P -1.46 43 116
Best Double Couple:Mo=1.6*10**25
NP1:Strike=130 Dip=11 Slip= 4
NP2: 36 89 101
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 39C
Centroid Location:
Origin Time 11:13:18.3 0.2
Lat 5.82S 0.03 Lon 150.64E 0.02
Dep 77.4 2.7 Half-duration 4.1
Principal Axes:
Scale 10**25 D-CM
T Val= 1.82 Plg=42 Azm=319
N -0.42 8 57
P -1.40 47 155
Best Double Couple:Mo=1.6*10**25
NP1:Strike=347 Dip= 8 Slip=-160
NP2: 237 87 -82

31 06 57 17.60 73.360N 6.767E 10km
4.8mb (24 obs.) 5.0Msz (5 obs.)
GREENLAND SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 06:57:23.8 0.7
Lat 73.02N 0.11 Lon 4.63E 0.37
Dep 10.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**24 D-CM
T Val= 1.58 Plg=35 Azm=129
N -0.26 1 38
P -1.31 55 307
Best Double Couple:Mo=1.4*10**24
NP1:Strike=223 Dip=10 Slip= -85
NP2: 38 80 -91

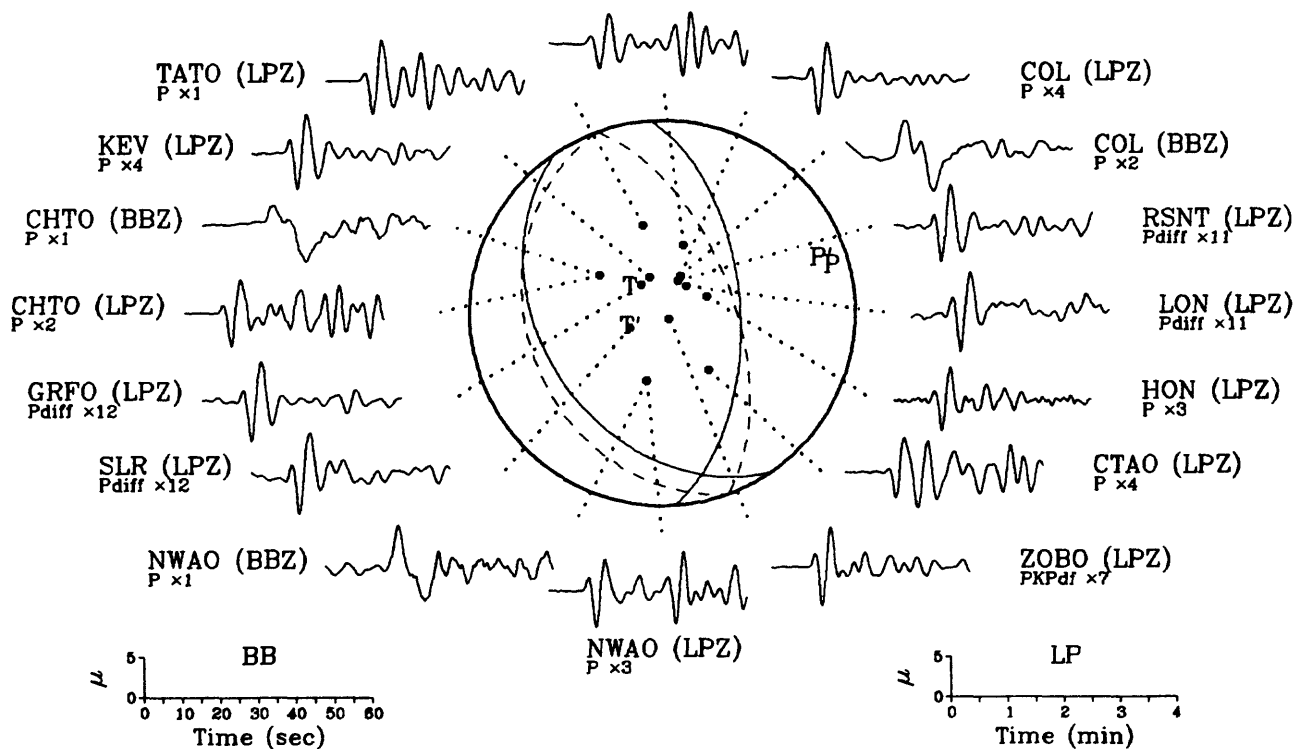
31 09 38 55.42 5.772S 104.297E 33km
5.1mb (20 obs.) 5.1Msz (1 obs.)
SOUTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 09:39: 5.0 1.8
Lat 4.98S 0.17 Lon 104.08E 0.19
Dep 33.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 5.14 Plg= 4 Azm= 97
N 0.53 62 0
P -5.67 28 190
Best Double Couple:Mo=5.4*10**23
NP1:Strike=230 Dip=68 Slip= -18

NP2: 327 74 -157
 31 14 04 43.63 16.954S 173.546W 16km
 5.8mb (49 obs.) 5.0Msz (3 obs.)
 TONGA ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 32C
 Centroid Location:
 Origin Time 14:04:52.8 0.3
 Lat 17.16S 0.06 Lon 173.11W 0.06
 Dep 16.0 FIX Half-duration 2.0
 Principal Axes:
 Scale 10**24 D-CM
 T Vol= 4.97 Plg=39 Azm=257
 N 0.51 5 351
 P -5.48 51 88
 Best Double Couple: Mo=5.2*10**24
 NP1: Strike=311 Dip= 8 Slip=-131
 NP2: 172 84 -85

Compiled by Willis S. Jacobs, Leonard E. Kerry, John H. Minsch, Russell E. Needham, Waverly J. Person,
 Bruce W. Presgrave and William H. Schmieder.

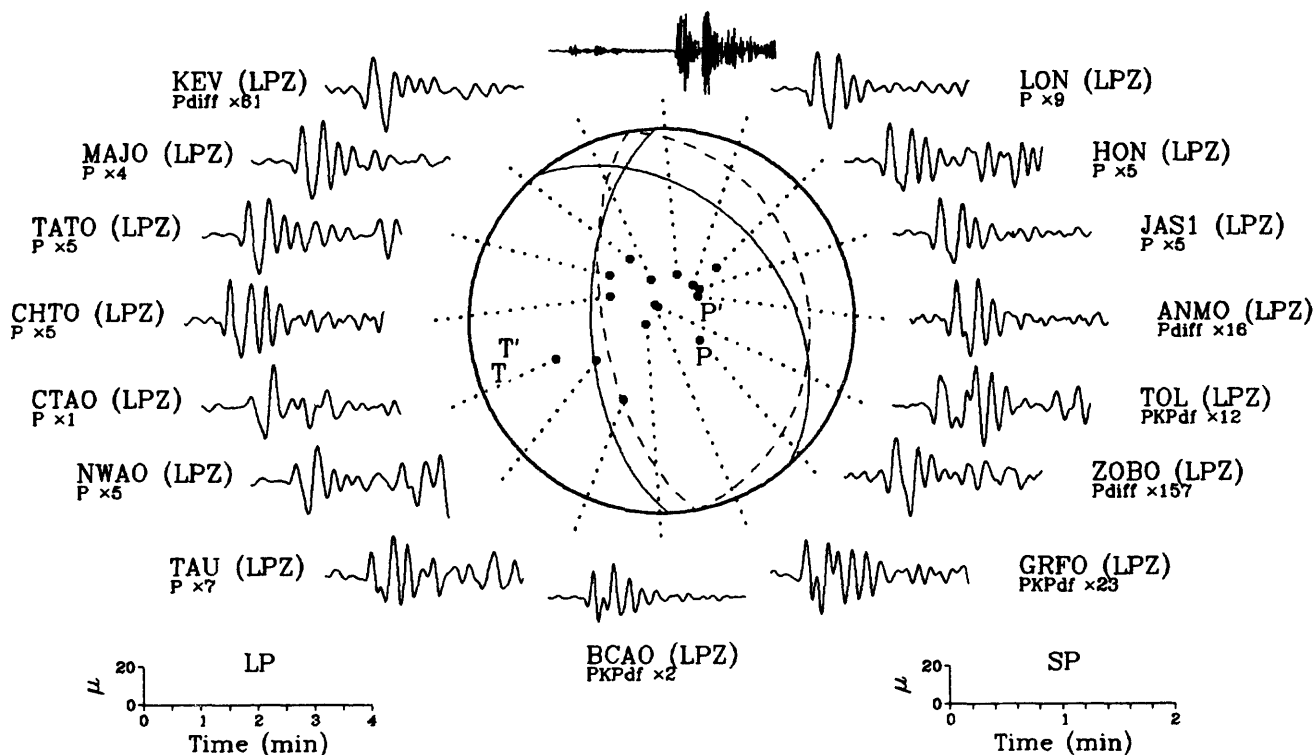
14 December 1985 06:46:11.78
Talaud Islands

MAJO (LPZ)
P x2



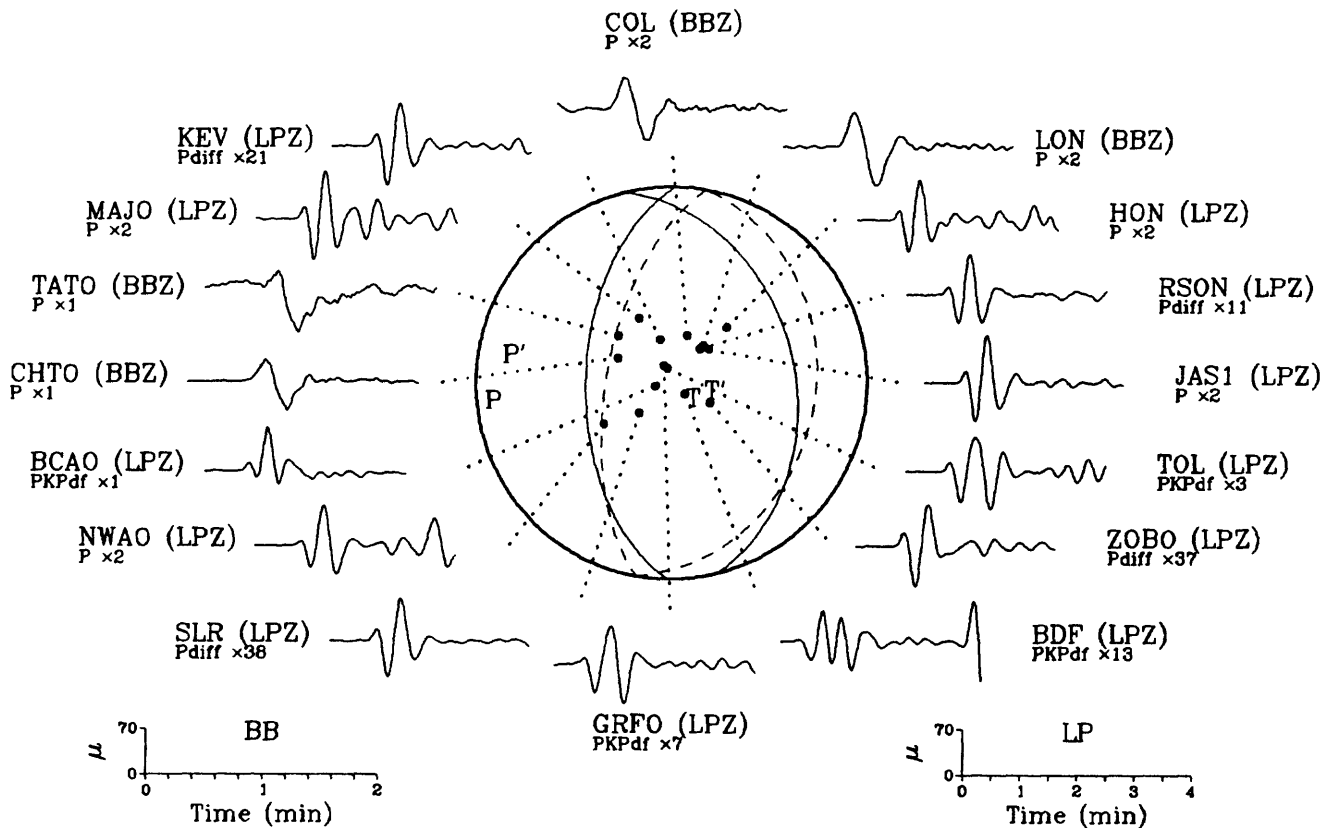
16 December 1985 08:04:07.06
Vanuatu Islands

COL (SPZ)
P x58

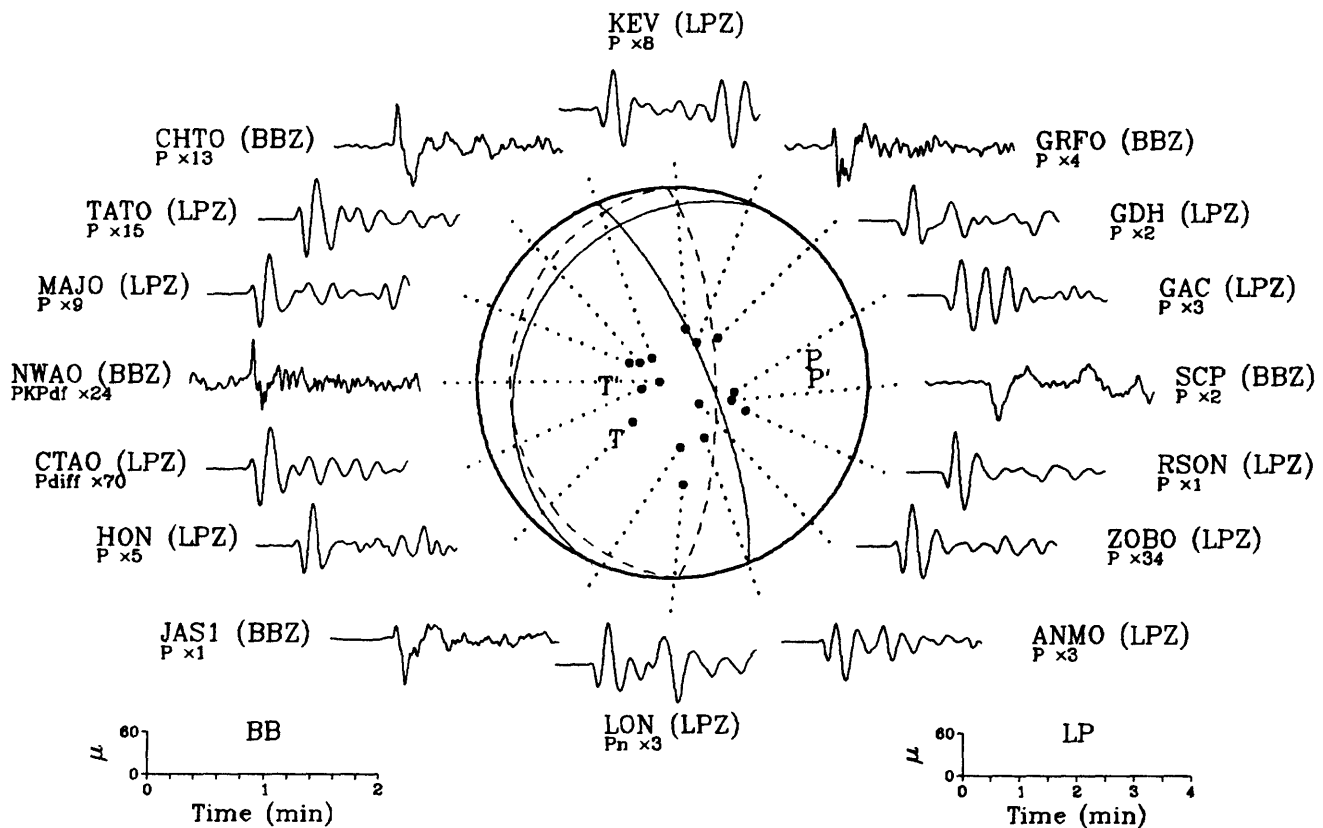


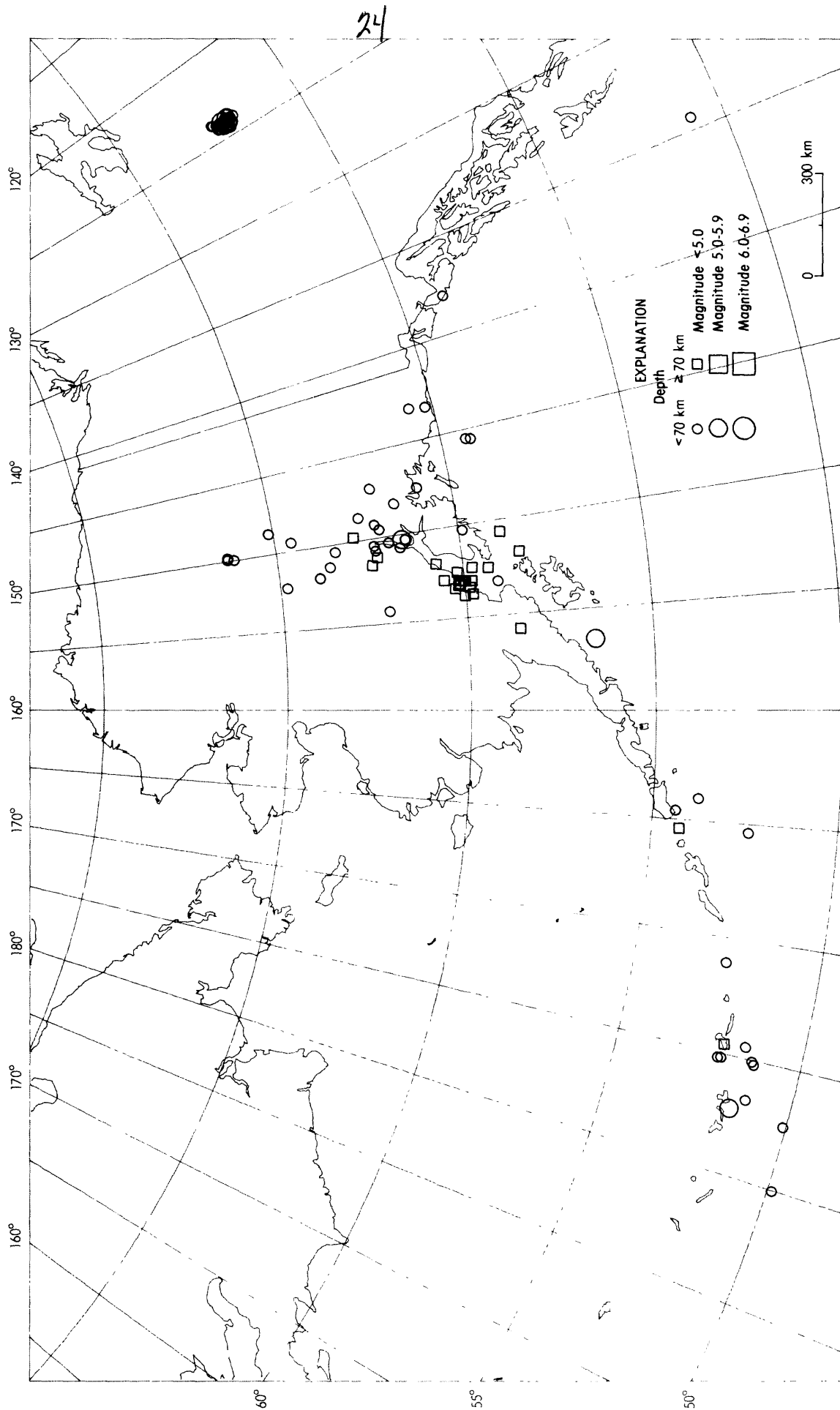
The SPZ at COL shows a foreshock about 1 minute before this event.

21 December 1985 01:13:22.41
Vanuatu Islands

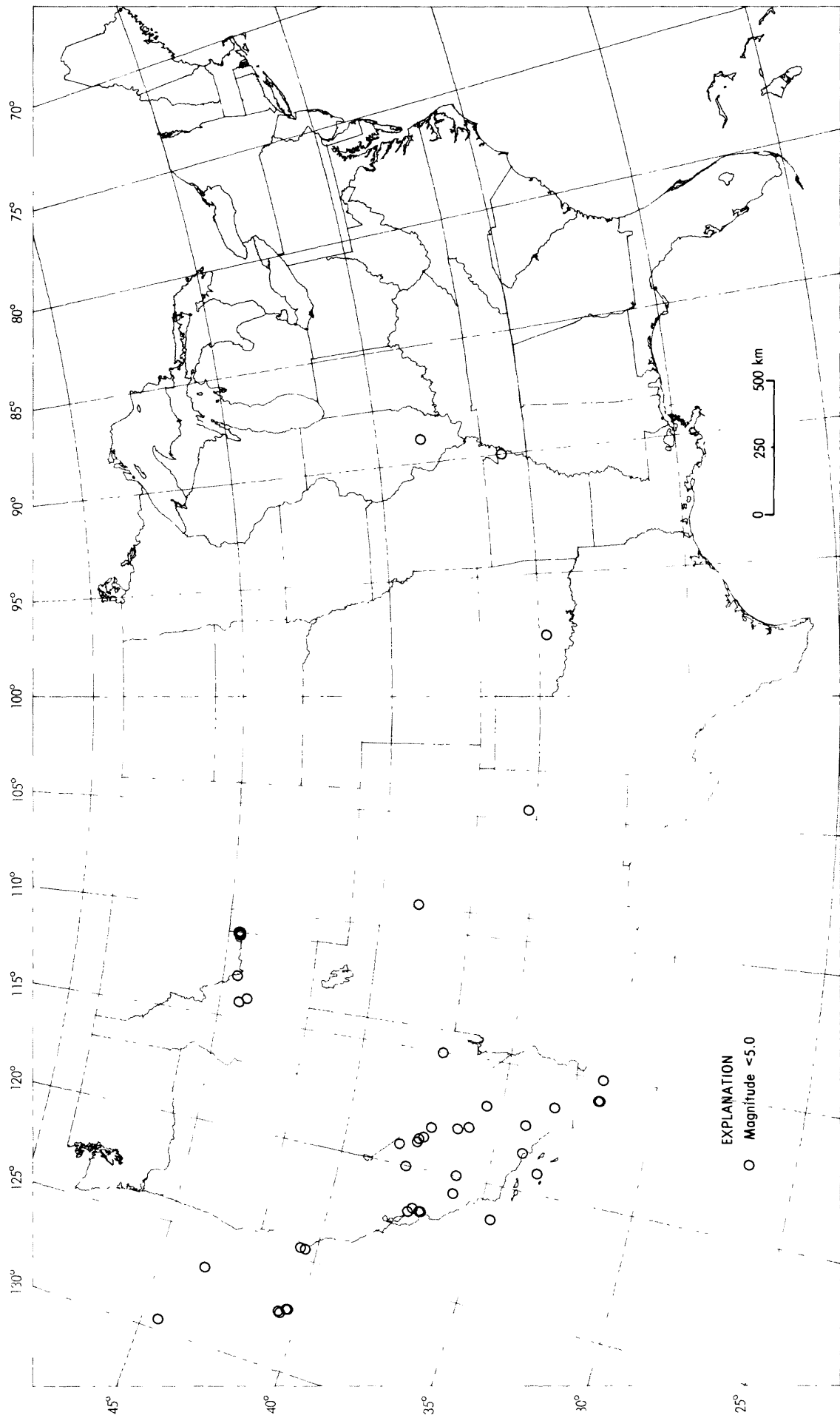


23 December 1985 05:16:03.33
Northwest Territories, Canada

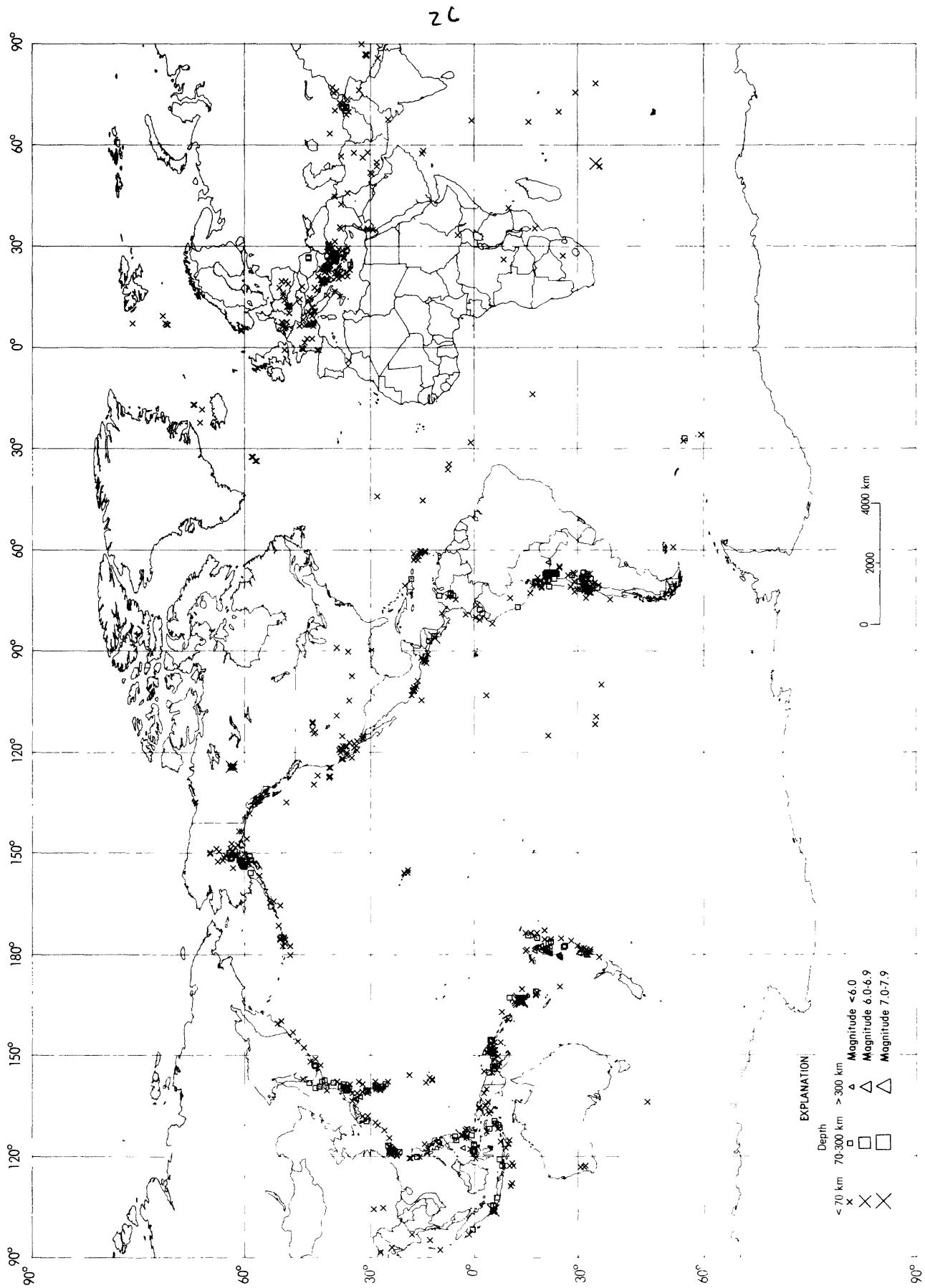




Earthquake epicenters in Alaska and adjacent regions for December, 1985 (C. Stover).

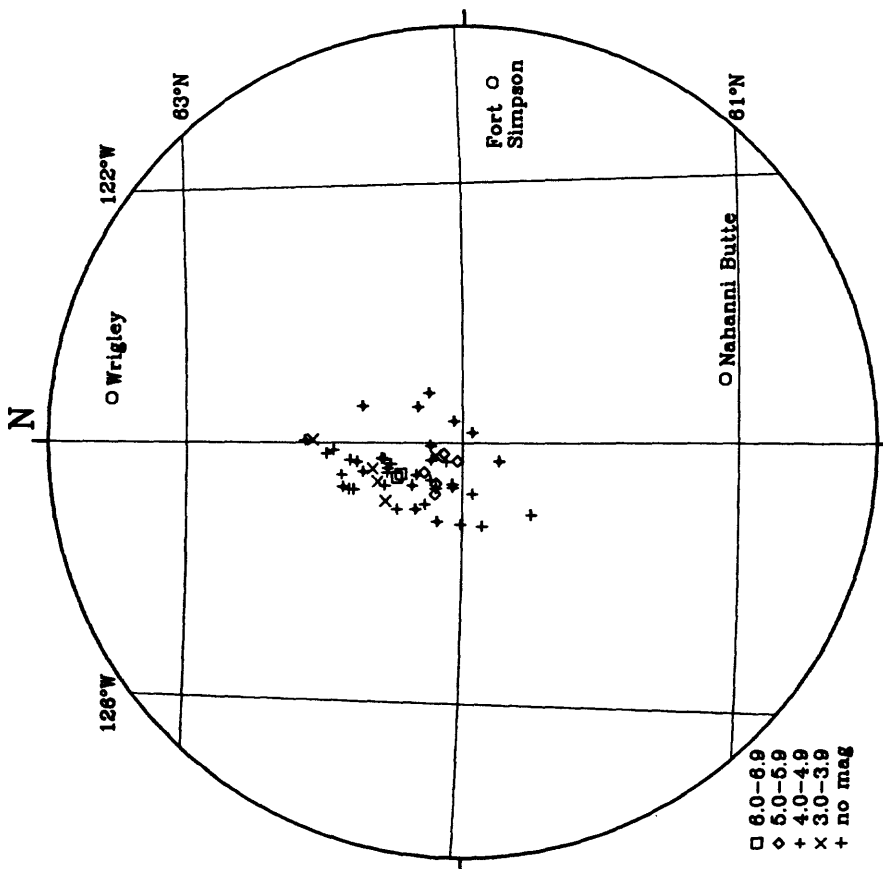


Earthquake epicenters in the conterminous United States and adjacent regions for December, 1985 (C. Stover).

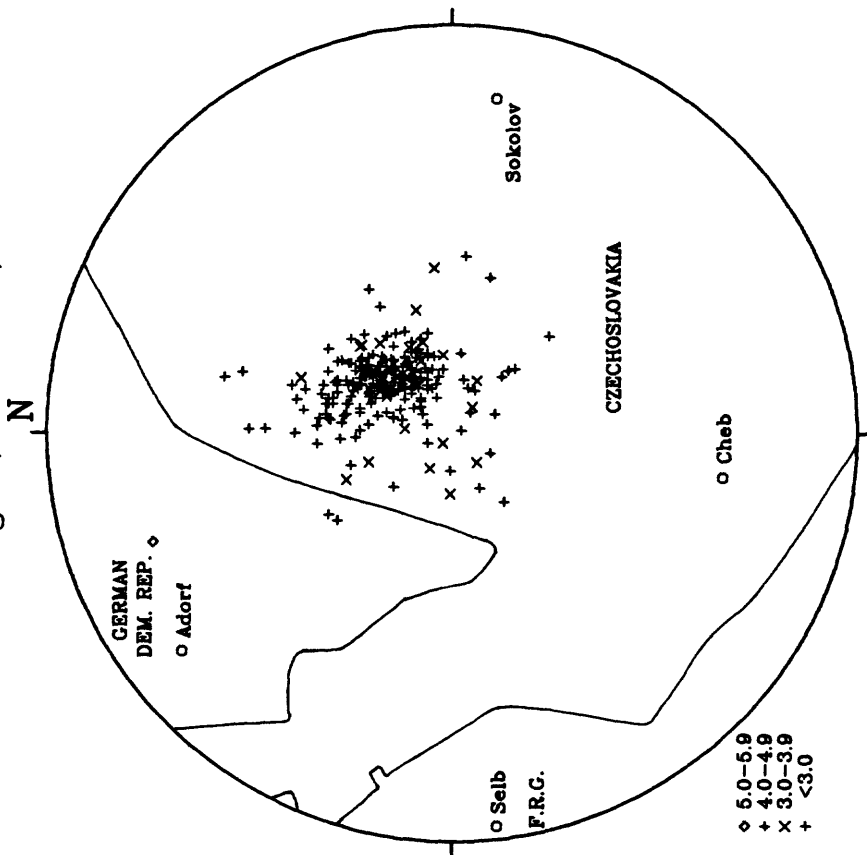


Earthquakes located in December, 1985 (C. Stover).

Earthquake Epicenters in the Nahanni Area,
Northwest Territories, Canada
October - December, 1985



Earthquake Epicenters in Germany-Czechoslovakia
Border Region, December, 1985



The representation of international
boundaries is not necessarily authoritative.

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