UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

APRIL - JUNE, 1986

NATIONAL EARTHQUAKE INFORMATION CENTER

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PRELIMINARY DETERMINATION OF EPICENTERS

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National Earthquake Information Center

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KEY	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	38	34.6*	36.186	N	139.531	E	116	?			0.4	6	HONSHU, JAPAN
	01	02	14	48.4*	41.842	N	23.879	E	10	G			1.1	5	GREECE-BULGARIA BORDER REGION
	01	03	55	57.1	39.287	N	15.365	E	293		4.5		1.0	73	SOUTHERN ITALY
	01	05	31	12.9*	31.965	S	67.903	W	10	G			1.1	7	SAN JUAN PROVINCE, ARGENTINA
	01	06	01	29.8*	56.901	N	153.553	W	33	N	4.2		1.2	12	KODIAK ISLAND REGION. ML 4.0 (PMR).
	01	06	43	21.9?	35.35	S	71.57	W	10	G			1.2	7	CENTRAL CHILE
	01	07	06	23.8?	54.56	N	164.59	W	33	N	4.1		0.7	5	UNIMAK ISLAND REGION
	01	07	41	41.4	28.178	N	140.644	E	33	N	5.0		0.7	16	BONIN ISLANDS REGION
	01	07	41	54.5	30.328	S	71.836	W	33	N	4.5		1.0	19	NEAR COAST OF CENTRAL CHILE
	01	08	25	20.1*	27.621	S	71.484	W	78	?			1.1	11	NEAR COAST OF NORTHERN CHILE
	01	09	07	00.7?	48.39	N	1.92	W	10	G			0.8	4	FRANCE. ML 2.6 (LDG).
	01	09	51	27.1	22.039	S	173.562	E	108	?	4.4		1.2	13	LOYALTY ISLANDS REGION
	01	09	56	53.5	56.422	N	12.100	E	33	N			1.1	20	SWEDEN. ML 4.2 (UPP). Felt.
	01	10	07	46.2*	38.365	N	26.393	E	10	G			0.7	9	AEGEAN SEA
f	01	10	13	40.7	18.037	S	178.537	W	540	G	5.8		0.9	316	FIJI ISLANDS REGION. Depth from broadband displacement seismograms.
	01	10	25	14.4	38.786	N	27.744	E	10	G			1.0	11	TURKEY
	01	11	45	20.1	22.587	S	68.628	W	123	*	4.6		1.5	24	NORTHERN CHILE
	01	12	22	03.6*	12.405	N	144.737	E	33	N	4.7		1.2	11	SOUTH OF MARIANA ISLANDS
	01	13	06	16.4*	38.241	N	26.227	E	10	G			0.3	6	AEGEAN SEA
	01	13	33	18.9*	44.621	N	28.103	E	5	G			1.4	7	ROMANIA
o	01	13	40	45.1	54.653	N	161.580	E	35	D	5.7	5.1	0.9	277	NEAR EAST COAST OF KAMCHATKA. Ms 5.4 (PAS), 5.3 (BRK). Felt (III) at Petropovlovsk-Kamchatskiy.
	01	13	41	05.1&	31.856	N	115.790	W	8	G				3	BAJA CALIFORNIA. <ECX-P>. MD 2.6 (ECX).
	01	14	08	25.7&	61.741	N	150.912	W	65					33	SOUTHERN ALASKA. <AGS-P>.
	01	15	02	43.4%	16.036	N	61.190	W	5	G			0.5	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	01	16	13	09.7&	31.456	N	116.644	W	8	G				3	BAJA CALIFORNIA. <ECX-P>. MD 2.4 (ECX).
	01	16	58	15.9*	16.978	S	70.881	W	141	*	4.3		1.2	14	SOUTHERN PERU
	01	17	14	57.1*	36.711	N	71.482	E	33	N	4.2		1.2	8	AFGHANISTAN-USSR BORDER REGION
	01	17	23	50.7*	38.907	N	24.820	E	10	G			1.3	8	AEGEAN SEA. ML 3.2 (ATH).
	01	17	29	22.6%	33.141	S	70.283	W	10	G			0.3	5	CHILE-ARGENTINA BORDER REGION
	01	17	34	23.8%	39.055	N	28.673	E	10	G			1.2	8	TURKEY
	01	20	02	44.9*	32.548	S	69.964	W	10	G			0.5	6	MENDOZA PROVINCE, ARGENTINA
	01	20	26	34.4&	61.558	N	149.984	W	46					46	SOUTHERN ALASKA. <AGS-P>. Felt (II) at Butte and Palmer.
	01	21	50	18.4*	13.349	N	90.945	W	52	*	4.2		1.1	24	NEAR COAST OF GUATEMALA
	01	22	08	51.8	13.381	N	90.962	W	48		4.7		1.3	55	NEAR COAST OF GUATEMALA. Felt along the southwestern coast.
	01	22	15	32.6*	13.048	N	90.936	W	33	N	4.3		1.3	23	NEAR COAST OF GUATEMALA. Felt along the southwestern coast.
	01	23	02	30.2	15.452	N	46.764	W	10	G	4.9		0.9	20	NORTH ATLANTIC RIDGE
	01	23	46	51.4&	61.886	N	150.937	W	72		3.9			50	SOUTHERN ALASKA. <AGS-P>. Felt (II) at Anchorage, Butte and Palmer.
	01	23	47	22.5%	38.686	N	27.616	E	10	G			0.4	5	TURKEY
	02	00	20	42.7%	15.405	N	60.524	W	33	N			0.9	9	LEEWARD ISLANDS. ML 2.7 (FDF).
	02	00	46	30.0?	22.44	S	171.58	E	33	N	5.0		1.1	8	LOYALTY ISLANDS REGION
	02	00	57	57.0	36.345	N	71.187	E	33	N	4.6		0.8	13	AFGHANISTAN-USSR BORDER REGION
	02	01	19	38.6*	50.279	N	18.978	E	10	G			0.2	5	POLAND. ML 3.2 (KRA), 3.0 (VKA).
	02	02	39	05.7?	16.03	S	71.72	W	33	N	4.8		0.8	5	SOUTHERN PERU
	02	02	50	37.3&	37.465	N	121.697	W	7					16	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK). Mo=1.8*10**21 (BRK).
	02	03	16	18.5	36.311	N	1.749	E	10	G			1.1	23	ALGERIA. MG 3.4 (MDD).
	02	06	49	30.4	4.152	S	80.852	W	33	N	4.7		1.1	25	PERU-ECUADOR BORDER REGION
	02	07	36	05.5*	5.704	S	145.982	E	10	G	3.9		1.0	6	EAST PAPUA NEW GUINEA REGION
	02	08	41	31.9	62.580	N	25.443	W	10	G	4.6		1.1	57	ICELAND REGION
	02	08	44	43.6	62.630	N	25.463	W	10	G	4.7		1.1	49	ICELAND REGION
o	02	08	46	40.1	62.796	N	25.212	W	10	G	5.0	5.0	0.9	129	ICELAND REGION
	02	08	49	33.3?	62.67	N	25.14	W	10	G	4.4		0.9	23	ICELAND REGION

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	02	08	59	49.7	62.663	N	25.427	W	10	G	4.7	4.6	1.0	78	ICELAND REGION
	02	09	42	26.6•	50.833	N	149.279	E	630	?	4.4		0.6	13	SEA OF OKHOTSK
	02	11	16	40.1•	14.365	S	178.144	W	33	N	4.8		1.2	36	FIJI ISLANDS REGION
	02	12	07	16.5?	19.57	S	173.55	W	40	D	5.0		1.5	19	TONGA ISLANDS
	02	12	58	15.1%	39.631	N	29.551	E	10	G			1.0	5	TURKEY
	02	13	37	07.1&	58.075	N	154.085	W	64		3.9			37	ALASKA PENINSULA. <AGS-P>.
	02	15	26	16.4	62.681	N	25.328	W	10	G	5.3	4.7	1.2	162	ICELAND REGION
	02	16	22	36.5•	23.989	N	123.210	E	33	N	4.5		1.2	10	SOUTHWESTERN RYUKYU ISLANDS
	02	16	47	54.2•	38.461	N	25.087	E	10	G			1.4	7	AEGEAN SEA. ML 3.1 (ATH).
	02	17	40	01.9	62.591	N	25.514	W	10	G	4.9	4.8	1.1	74	ICELAND REGION
o	02	17	49	46.9	62.630	N	25.337	W	10	G	5.1	4.8	1.0	167	ICELAND REGION
	02	18	02	28.7	62.517	N	25.485	W	10	G	4.4		0.7	31	ICELAND REGION
	02	18	04	57.3?	17.02	S	174.47	W	33	N	4.6		1.4	24	TONGA ISLANDS
	02	19	32	49.9?	24.71	N	122.92	E	33	N	4.3		1.2	5	TAIWAN REGION
	02	20	35	30.1•	62.756	N	25.132	W	10	G	4.2		1.2	31	ICELAND REGION
	02	20	59	07.5&	59.996	N	152.998	W	114					26	SOUTHERN ALASKA. <AGS-P>.
	02	21	36	02.0	38.717	N	30.318	E	10	G			1.0	8	TURKEY
	02	22	57	40.9&	59.879	N	153.396	W	130		4.0			30	SOUTHERN ALASKA. <AGS-P>.
	02	22	57	43.7•	36.510	N	71.349	E	33	N	4.3		0.5	6	AFGHANISTAN-USSR BORDER REGION
	03	01	18	41.2•	45.666	N	27.024	E	33	N			1.4	6	ROMANIA
	03	02	11	10.6&	60.110	N	153.215	W	130					24	SOUTHERN ALASKA. <AGS-P>.
	03	02	34	41.6?	25.35	S	179.57	E	545	?	4.2		1.0	10	SOUTH OF FIJI ISLANDS
	03	02	37	08.9	8.674	N	83.081	W	27		4.6		1.2	38	COSTA RICA. Felt strongly at Neily and Golfito. Also felt at Quepos and San Isidro.
	03	02	43	25.9•	56.410	N	153.436	W	33	N	4.6		1.3	27	KODIAK ISLAND REGION. ML 4.4 (PMR).
	03	02	49	31.2	27.020	N	56.156	E	33	N	4.6		1.1	59	SOUTHERN IRAN. Felt at Bandor-e Abbas.
	03	02	56	28.9•	37.432	N	142.375	E	33	N	4.1		1.2	11	OFF EAST COAST OF HONSHU, JAPAN
	03	02	57	11.1	56.257	N	153.473	W	33	N	4.7	4.8	1.0	72	KODIAK ISLAND REGION. ML 5.1 (PMR).
	03	02	57	54.9?	34.89	N	25.01	E	33	N			1.2	6	CRETE
	03	03	21	41.4	61.770	N	27.063	W	10	G	4.7		1.0	58	ICELAND REGION
	03	03	43	50.5•	51.525	N	173.603	W	33	N	4.7		0.7	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	03	03	55	30.7•	21.415	S	67.180	W	204	•	4.5		1.5	17	CHILE-BOLIVIA BORDER REGION
	03	04	25	32.3?	37.44	N	143.00	E	33	N	4.2		0.7	9	OFF EAST COAST OF HONSHU, JAPAN
	03	05	41	07.4	40.142	N	115.946	W	5	G			0.8	18	NEVADA. ML 3.5 (NEIS).
	03	06	40	37.2&	41.190	N	124.602	W	14		4.1			11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK). Mo=9.9•10••20 (BRK).
	03	07	37	52.0•	2.534	N	128.330	E	225	?	4.9		1.1	18	HALMAHERA
o	03	07	39	54.5	6.361	S	151.678	E	33	N	5.6	4.9	1.0	105	NEW BRITAIN REGION
	03	07	40	04.5?	13.25	N	122.43	E	84	?			0.1	6	LUZON, PHILIPPINE ISLANDS
	03	07	56	30.2?	15.54	N	60.89	W	85	G			0.3	7	LEEWARD ISLANDS
	03	08	00	24.6?	16.44	N	60.91	W	33	N			0.1	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	03	08	22	24.4%	40.080	N	29.329	E	10	G			0.4	7	TURKEY
	03	08	47	48.2?	24.83	N	123.19	E	33	N	3.9		1.4	8	SOUTHWESTERN RYUKYU ISLANDS
	03	10	02	36.8•	61.449	N	150.039	W	45	•			0.8	7	SOUTHERN ALASKA. Felt at Anchorage.
	03	10	32	39.6?	52.43	S	28.35	E	10	G	4.6		1.3	8	SOUTH OF AFRICA
	03	10	38	17.1•	11.141	S	161.347	E	33	N	4.7		1.2	13	SOLOMON ISLANDS
	03	11	10	10.7•	19.803	S	175.936	W	270	•	4.7		1.1	36	TONGA ISLANDS
	03	11	55	11.6	10.095	N	93.114	E	102	•	4.2		0.8	13	ANDAMAN ISLANDS REGION
	03	12	17	58.4•	31.571	S	67.727	W	10	G			1.0	10	SAN JUAN PROVINCE, ARGENTINA
	03	12	20	25.2•	51.197	N	176.992	W	33	N	4.6		1.4	28	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).
	03	13	56	22.7•	15.178	S	174.116	W	95	D	4.8		0.9	43	TONGA ISLANDS
	03	14	09	02.5	46.063	S	165.094	E	20	•	4.8		1.1	21	OFF W. COAST OF S. ISLAND, N.Z.
	03	16	33	35.9&	37.515	N	121.690	W	7					12	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Mo=7.3•10••20 (BRK).
	03	18	52	34.1	38.400	N	25.149	E	10	G	3.7		0.6	32	AEGEAN SEA. ML 3.9 (ATH).
	03	20	01	21.0?	13.30	N	91.75	W	33	N	4.4		1.1	10	NEAR COAST OF GUATEMALA
	03	20	24	19.7•	33.134	S	71.614	W	10	G			0.9	14	NEAR COAST OF CENTRAL CHILE
	03	20	38	06.8	38.428	N	25 113	E	10	G			1.2	19	AEGEAN SEA. ML 3.7 (ATH).
	03	21	11	47.7	63.634	N	145 435	W	33	N			0.9	48	CENTRAL ALASKA. ML 3.7 (PMR). Felt at mile 221 on the Richardson Highway.
	03	21	14	49.4•	63.550	N	145 411	W	33	N			1.0	6	CENTRAL ALASKA. ML 2.8 (PMR). Felt near the Richardson Highway.
	03	21	16	55.0	63 444	N	145 564	W	33	N			0.9	32	CENTRAL ALASKA. ML 3.2 (PMR). Felt near the Richardson Highway.
	03	21	45	00.4?	22 41	S	37.55	E	10	G			0.7	6	MOZAMBIQUE CHANNEL. MG 2.9 (BUL).
	03	21	53	57.8	0.012	N	123 760	E	177	•	4 8		1.0	33	MINAHASSA PENINSULA
	03	22	33	13.5	35.071	N	4 691	W	33	N			0.6	12	STRAIT OF GIBRALTAR. MG 3.3 (MDD).
	03	22	45	16.0•	7.362	S	128 934	E	236	?	4.6		1.2	10	BANDA SEA
	03	23	32	18.6	38.360	N	25.075	E	11		4 7	3.9	1.1	121	AEGEAN SEA. ML 4.9 (ATH). Felt on Khias and Evvaia.
	03	23	36	31.3	38.347	N	25.115	E	10	G			1.1	11	AEGEAN SEA. ML 3.8 (ATH).
	04	00	09	40.5	38.336	N	25 118	E	16		4.3		1.1	55	AEGEAN SEA. ML 4.2 (ATH). Felt an Khios and Evvoia.
	04	00	17	41.9•	38.415	N	25 086	E	10	G			1.2	10	AEGEAN SEA. ML 3.3 (ATH).
	04	01	01	14.3?	38.36	N	25.14	E	10	G			0.6	4	AEGEAN SEA. ML 3.1 (ATH).
	04	01	06	46.4?	37.46	N	21.59	E	33	N			1.4	5	SOUTHERN GREECE. ML 3.5 (ATH).
	04	01	23	34.6•	8.026	S	128.410	E	33	N			0.3	5	TIMOR SEA
	04	01	52	05.7?	32.23	S	69.18	W	33	N			0.4	5	MENDOZA PROVINCE, ARGENTINA
	04	01	57	10.3%	15.851	N	60.622	W	24				0.3	10	LEEWARD ISLANDS. ML 2.6 (FDF).
	04	02	26	58.5?	38.40	N	25.07	E	10	G			0.8	4	AEGEAN SEA. ML 3.1 (ATH).
	04	02	27	44.5%	37.358	N	2.598	W	10	G			1.4	8	SPAIN. MG 3.0 (MDD).
	04	02	52	47.6&	59.993	N	147.393	W	23					23	GULF OF ALASKA. <AGS-P>.
	04	04	22	09.9	38.450	N	25.166	E	10	G			1.0	17	AEGEAN SEA. ML 3.5 (ATH).
	04	04	32	55.7%	32.951	S	71.482	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE
	04	05	46	06.8•	53.635	N	161.467	E	38	D	4.6		0.9	19	OFF EAST COAST OF KAMCHATKA
	04	05	53	35.5•	33.120	N	142.425	E	33	N	4.1		0.6	9	OFF EAST COAST OF HONSHU, JAPAN
	04	07	27	11.2	46.269	N	13.325	E	10	G			1.4	8	AUSTRIA. ML 2.6 (KBA), MD 2.5 (TRI).
	04	07	58	37.3•	30.858	N	88.256	E	33	N	4.5		1.3	13	TIBET
	04	08	14	15.9?	33.03	S	66.78	W	33	N			0.7	6	SAN LUIS PROVINCE, ARGENTINA
	04	08	24	50.8•	6.318	S	130.124	E	197	•	4.7		1.5	18	BANDA SEA
	04	09	58	30.6	18.848	S	70.697	W	87		5.0		1.2	39	NEAR COAST OF NORTHERN CHILE. Felt (IV) in the Arica-Iquique area.
	04	10	09	20.4•	38.428	N	25.068	E	10	G			1.1	19	AEGEAN SEA. ML 3.6 (ATH).
	04	10	16	41.3&	37.292	N	121.685	W	6					15	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK). Mo=9.9•10••20 (BRK).

	04	11	23	25.4	33.045	N	96.035	E	33	N	4.9 3.7	0.9	57	QINGHAI PROVINCE, CHINA
	04	13	36	06.2•	7.395	S	155.639	E	33	N	4.5	0.9	6	SOLOMON ISLANDS. Felt (II) at Arawa.
	04	13	45	09.3%	42.027	N	24.898	E	10	G		1.3	5	BULGARIA
	04	13	45	44.0	47.868	N	7.812	E	10	G		0.2	6	SWITZERLAND. MD 1.5 (MOF).
	04	14	16	35.5	44.640	N	111.056	W	5	G		0.8	10	HEBGEN LAKE REGION. ML 3.0 (NEIS).
	04	14	19	18.1	38.432	N	25.172	E	10	G		1.3	11	AEGEAN SEA. ML 3.5 (ATH).
	04	15	41	01.6?	38.13	N	31.79	E	10	G		0.6	6	TURKEY
	04	16	24	52.5•	33.895	S	71.982	W	10	G		0.4	12	NEAR COAST OF CENTRAL CHILE
	04	16	36	34.3	38.360	N	25.076	E	10	G	3.6	1.2	19	AEGEAN SEA. ML 3.6 (ATH).
	04	18	17	30.1?	38.39	N	25.20	E	10	G		0.9	4	AEGEAN SEA. ML 2.9 (ATH).
	04	19	26	32.7•	38.400	N	25.233	E	10	G		1.3	9	AEGEAN SEA. ML 3.3 (ATH).
	04	20	10	09.6	12.956	N	124.498	E	47	•	4.9	1.1	40	SAMAR, PHILIPPINE ISLANDS
	04	20	22	25.6?	13.32	S	26.40	E	10	G		1.1	5	ZAMBIA. MG 2.8 (BUL).
	04	20	44	57.6?	18.00	S	174.81	W	210	G	4.4	1.3	8	TONGA ISLANDS
	04	20	54	21.7•	51.538	N	7.333	E	10	G		0.8	8	GERMANY
	04	22	12	49.1•	51.652	N	7.114	E	10	G		0.2	5	GERMANY
	04	22	42	30.4	71.084	N	8.354	E	10	G	4.6	1.0	80	NORWEGIAN SEA
	04	23	13	32.6?	38.33	N	25.17	E	10	G		0.2	4	AEGEAN SEA. ML 2.8 (ATH).
	04	23	35	40.8?	53.70	N	160.69	E	33	N	4.3	1.2	8	NEAR EAST COAST OF KAMCHATKA
	05	00	29	45.1•	36.563	N	140.636	E	60	•	3.9	0.8	9	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Mito.
a	05	02	29	14.3	6.869	S	155.786	E	73		5.3	0.8	124	SOLOMON ISLANDS. Felt (IV) at Panguna and Arawa.
	05	02	38	48.6•	24.803	N	123.245	E	30		4.7 3.9	1.3	13	SOUTHWESTERN RYUKYU ISLANDS
	05	04	01	27.2?	16.88	N	60.40	W	33	N		0.6	6	LEEWARD ISLANDS. ML 2.8 (FDF).
	05	04	33	07.4•	11.987	N	89.151	W	33	N	4.4	1.0	17	OFF COAST OF CENTRAL AMERICA
	05	06	50	40.3&	33.730	N	118.010	W	14				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS). Slight damage (VI) at Huntington Beach. Felt (V) at Fullerton, Long Beach and Santa Ana. Felt (IV) at Anaheim, Artesia, Costa Mesa, Cypress, Fountain Valley, Garden Grove, La Mirada, Los Alamitos, Paramount, Seal Beach, South Gate, Stanton, Sunset Beach, Torrance, Upland, Whittier, Walnut, Westminster and Yorba Linda.
	05	09	04	55.1	14.332	N	93.823	W	29		4.6	1.1	39	NEAR COAST OF CHIAPAS, MEXICO
	05	09	52	17.9•	26.208	S	27.389	E	5	G		1.4	8	REPUBLIC OF SOUTH AFRICA. MG 3.5 (BUL).
	05	11	50	32.7•	76.734	N	106.471	W	10	G	3.8	1.3	8	QUEEN ELIZABETH ISLANDS
	05	12	16	59.6&	59.980	N	152.491	W	70				39	SOUTHERN ALASKA. <AGS-P>.
	05	12	42	31.3&	61.528	N	151.563	W	80				38	SOUTHERN ALASKA. <AGS-P>.
	05	12	52	29.9•	15.943	N	88.454	W	10		4.0	0.9	15	HONDURAS
	05	13	11	54.2%	45.632	N	26.526	E	150	G		0.7	8	ROMANIA
	05	13	12	51.8%	40.087	N	29.304	E	10	G		0.5	5	TURKEY
	05	13	34	33.1&	59.473	N	146.262	W	35				40	GULF OF ALASKA. <AGS-P>.
	05	13	45	11.1?	44.85	N	25.25	E	10	G		1.3	6	ROMANIA
	05	14	05	45.0•	45.951	N	141.973	E	240	?	4.2	0.8	26	HOKKAIDO, JAPAN REGION
	05	14	54	51.3%	34.405	N	96.806	W	5	G		0.6	6	OKLAHOMA. mbLg 1.6 (TUL).
	05	16	30	49.5?	30.12	S	72.02	W	33	N		1.2	11	OFF COAST OF CENTRAL CHILE
	05	17	05	46.3•	51.225	N	15.911	E	10	G		1.3	9	POLAND. ML 3.4 (VKA).
	05	17	21	49.5&	33.340	N	115.710	W	3				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt (III) at Niland. Also felt at Bombay Beach.
	05	17	41	50.7	54.055	N	161.961	W	33	N	5.0	0.8	24	ALASKA PENINSULA
	05	18	00	02.9&	32.390	N	113.800	W	6	G			4	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	05	18	43	37.0&	37.518	N	121.692	W	7				19	CENTRAL CALIFORNIA <BRK>. ML 3.4 (BRK). Mo=2.2•10••21 (BRK).
	05	19	18	37.5?	39.05	N	29.47	E	10	G		1.4	6	TURKEY
a	05	20	14	28.7	13.410	S	71.785	W	51		5.3 4.6	1.3	84	PERU. At least 16 people killed, 170 injured and 2,000 houses destroyed in the Cuzco area. Landslides occurred near Cuzco.
	05	21	12	37 9%	31.746	S	70.210	W	33	N		0.6	5	CHILE-ARGENTINA BORDER REGION
	05	21	23	24.3•	36 647	N	70 361	E	190	?	4.2	0.5	14	HINDU KUSH REGION
o	05	22	59	10.2	44.453	N	147.896	E	88		5.3	0.8	161	KURIL ISLANDS. Felt (I JMA) at Nemuro and Kushiro, Hokkaido.
	05	23	11	31.3%	38.706	N	27.772	E	10	G		1.4	8	TURKEY
	06	03	07	43.8•	15.685	S	174.039	W	140	G	4.5	1.4	15	TONGA ISLANDS
	06	04	36	30.7	3.133	S	101.533	E	74		5.2	1.0	95	SOUTHERN SUMATERA
	06	04	43	13.2?	38.39	N	24.89	E	10	G		1.4	8	AEGEAN SEA
	06	05	07	58.9?	25.02	N	123.00	E	33	N	4.3	1.5	6	NORTHEAST OF TAIWAN
	06	06	21	26 1?	15.91	N	60.70	W	33	N		0.3	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	06	07	52	32.9	79.358	N	5.576	E	10	G	4.4	0.5	15	SVALBARD REGION
	06	08	38	43 9?	3.14	N	95.93	E	109	?	4.3	0.5	5	OFF W COAST OF NORTHERN SUMATERA
	06	08	44	36.2•	18.809	N	145.628	E	203	•	4.9	0.7	17	MARIANA ISLANDS
	06	10	05	00.1%	39.564	N	29.411	E	10	G		1.0	5	TURKEY
	06	12	09	51.2•	33.281	S	71.778	W	10	G		1.3	15	NEAR COAST OF CENTRAL CHILE
	06	12	28	37.3•	32.230	S	69.823	W	33	N		0.6	6	MENDOZA PROVINCE, ARGENTINA
	06	13	56	04.7•	0.053	S	123.411	E	168	•	4.3	1.0	12	MINAHASSA PENINSULA
	06	14	59	32.5	17.836	S	167.872	E	33	N	4.4	1.2	25	VANUATU ISLANDS
	06	15	55	55.3?	40.83	S	80.76	E	10	G	4.1	0.5	8	MID-INDIAN RISE
	06	16	00	00.3	41.578	N	26.826	E	10	G		1.3	10	GREECE-BULGARIA BORDER REGION
	06	16	07	51.0%	14.914	N	60.239	W	30			0.4	11	WINDWARD ISLANDS. ML 2.9 (FDF).
	06	18	32	43.2?	17.33	N	61.23	W	10	G		0.6	6	LEEWARD ISLANDS. ML 2.9 (FDF).
	06	19	01	02.1•	28.133	N	140.546	E	33	N	4.9	0.7	10	BONIN ISLANDS REGION
	06	19	14	42.2•	38.410	N	25.096	E	10	G		1.1	7	AEGEAN SEA. ML 3.0 (ATH).
	06	22	06	35.8?	38.28	N	25.20	E	10	G		0.8	4	AEGEAN SEA. ML 3.1 (ATH).
	07	00	05	13.4•	12.160	N	90.202	W	65	?		1.2	7	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	07	00	34	34.0?	61.94	N	4.80	E	15	G		0.3	5	SOUTHERN NORWAY. ML 2.3 (BER).
	07	02	00	54.0•	38.393	N	25.115	E	10	G		0.9	5	AEGEAN SEA. ML 3.0 (ATH).
	07	02	57	24.0	38.854	N	23.310	E	21		4.2	1.0	38	GREECE. ML 4.3 (ATH). Felt on Evvoia.
	07	05	01	44.2	31.151	S	68.348	W	110	•		0.9	17	SAN JUAN PROVINCE, ARGENTINA
	07	06	08	47.6•	34.763	S	70.370	W	150	G		0.2	11	CHILE-ARGENTINA BORDER REGION
	07	08	37	49.7&	19.199	N	155.620	W	11		4.2		34	HAWAII. <HVO-P>. ML 4.3 (HVO). Felt widely in the southern part of the island of Hawaii.
	07	10	42	08.9?	42.76	N	142.84	E	130	•	4.0	1.3	7	HOKKAIDO, JAPAN REGION
	07	11	55	54.1&	62.378	N	148.786	W	54				42	CENTRAL ALASKA. <AGS-P>.
	07	12	35	52.7	10.026	N	61.904	W	33	N	4.3 3.5	1.0	27	TRINIDAD. Felt (V) at San Fernando and (IV) at Port of

														Spain.
	07	14	07	25.8	44.337	N	114.177	W	5	G		0.5	17	WESTERN IDAHO. ML 4.1 (NEIS). Felt (III) in the Clayton area.
	07	14	25	19.3*	36.369	N	70.840	E	107	?	4.5	1.2	15	HINDU KUSH REGION
	07	14	37	31.5%	40.140	N	29.299	E	10	G		0.7	5	TURKEY
	07	16	06	56.0&	59.697	N	153.080	W	101				26	SOUTHERN ALASKA. <AGS-P>.
	07	16	09	46.7?	50.44	N	159.71	E	33	N	4.3	0.7	6	KURIL ISLANDS REGION
	07	17	07	46.8?	54.06	N	167.34	W	33	N	4.0	0.8	7	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (II) at Unalaska.
	07	18	11	29.1*	1.838	N	122.824	E	440	*	4.0	1.2	11	MINAHASSA PENINSULA
	07	18	18	07.2	43.064	N	0.623	W	10	G		0.3	9	PYRENEES. ML 2.3 (LDG).
	07	19	03	53.2?	35.99	N	141.87	E	33	N	3.9	0.4	6	NEAR EAST COAST OF HONSHU, JAPAN
	07	19	05	42.2	40.279	N	77.273	E	33	N	4.8	1.1	26	KIRGHIZ-XINJIANG BORDER REGION
	07	22	13	08.2%	39.224	N	29.317	E	10	G		1.3	11	TURKEY
a	07	22	43	29.6	15.540	N	94.423	W	48	G	5.8 5.2	1.1	286	NEAR COAST OF OAXACA, MEXICO. Ms 5.3 (BRK). Depth from broadband displacement seismograms.
	07	22	47	06.7*	20.400	S	178.182	W	551		5.0	0.8	18	FIJI ISLANDS REGION
	07	23	04	10.3	38.288	N	20.656	E	10	G		1.2	10	GREECE. ML 3.8 (ATH).
	07	23	24	19.8	38.473	N	25.118	E	10	G		1.4	12	AEGEAN SEA. ML 3.7 (ATH).
	07	23	32	00.6	42.928	N	1.853	W	10	G		0.9	16	PYRENEES. ML 3.1 (LDG).
	08	01	25	04.2*	36.617	N	70.872	E	194	?	4.2	1.3	13	HINDU KUSH REGION
	08	02	15	03.1*	24.680	N	121.834	E	33	N	4.4	1.4	15	TAIWAN
	08	03	31	26.5	32.369	S	71.701	W	16			0.8	19	NEAR COAST OF CENTRAL CHILE
	08	04	09	16.9	47.962	N	6.525	E	10	G		0.5	6	FRANCE. ML 1.8 (LDG).
	08	05	23	11.4%	15.226	N	59.962	W	33	N		0.4	11	LEEWARD ISLANDS. ML 3.1 (FDF).
	08	06	36	48.0*	54.048	N	168.156	W	33	N	4.4	1.2	16	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (III) on Unalaska.
	08	07	50	42.6	28.445	S	67.647	W	125	*		0.6	11	LA RIOJA PROVINCE, ARGENTINA
	08	08	11	53.8	26.245	S	177.097	W	103	D	5.2	1.2	82	SOUTH OF FIJI ISLANDS
	08	08	43	34.6*	27.215	N	34.291	E	10	G	4.3	1.5	12	RED SEA
	08	09	09	15.5%	39.278	N	29.549	E	10	G		0.9	6	TURKEY
	08	09	52	03.5	25.134	N	123.487	E	11		4.7	0.9	14	NORTHEAST OF TAIWAN
	08	10	52	51.1*	37.166	N	21.582	E	113	*	3.7	1.0	15	SOUTHERN GREECE
	08	10	57	35.7*	47.879	N	120.251	W	5	G		0.8	6	WASHINGTON. ML 2.9 (NEIS). Felt in the Stayman Flats area.
	08	11	27	38.8%	60.394	N	5.403	E	5	G		0.4	6	SOUTHERN NORWAY. MD 1.9 (BER).
	08	11	47	14.2?	20.91	S	34.81	E	10	G		1.0	5	MOZAMBIQUE
	08	12	09	24.5*	38.317	N	25.214	E	10	G		1.1	8	AEGEAN SEA. ML 3.8 (ATH).
	08	12	26	40.2&	38.263	N	118.618	W	3				28	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.6 (BRK).
	08	13	33	25.1*	3.436	S	117.706	E	40	?	4.5	0.9	13	KALIMANTAN
	08	14	32	18.8*	35.203	S	179.790	E	33	N	4.9	1.2	16	OFF E. COAST OF N. ISLAND, N.Z.
	08	14	48	23.4*	30.347	S	178.029	W	45	*	3.9	1.2	7	KERMADEC ISLANDS
a	08	18	02	44.6	7.946	S	73.860	W	173	G	5.8	0.9	339	PERU-BRAZIL BORDER REGION. mb 6.5 (BRK). Felt (IV) at Pucallpa. Felt strongly at Chimbote, Trujillo and Huaraz. Felt also at Lima. Depth from broadband displacement seismograms.
	08	18	03	10.3*	42.989	N	29.220	W	10	G	4.5	0.9	31	AZORES ISLANDS REGION
	08	18	12	26.7&	59.199	N	152.561	W	71				42	SOUTHERN ALASKA. <AGS-P>.
	08	18	44	25.9*	24.751	N	124.382	E	10	G	4.5	0.7	6	SOUTHWESTERN RYUKYU ISLANDS
	08	19	08	23.7*	49.370	N	154.279	E	150	D	4.5	0.7	45	KURIL ISLANDS
	08	20	08	42.2?	53.71	N	161.65	E	33	N	4.6	1.1	12	OFF EAST COAST OF KAMCHATKA
	08	20	38	27.5	38.497	N	25.149	E	10	G		1.4	19	AEGEAN SEA. ML 3.8 (ATH).
	08	21	57	36.3	40.931	N	141.135	E	27		4.6	1.3	30	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Aomori and (I JMA) at Hachinohe.
	08	23	46	43.9	4.542	N	125.897	E	160		4.8	0.9	53	TALAUD ISLANDS
	09	00	39	06.8%	40.113	N	27.597	E	10	G		1.1	8	TURKEY
	09	01	25	31.5	6.835	S	155.810	E	77		4.5	0.9	25	SOLOMON ISLANDS. Felt (III) at Arawa and Panguna.
	09	01	26	52.4	19.792	S	69.519	W	115	D	4.9	1.1	27	NORTHERN CHILE
	09	01	44	39.8*	34.876	S	108.125	W	10	G	5.1	1.2	16	EASTER ISLAND CORDILLERA
	09	02	45	33.4	38.381	N	21.726	E	34	*	4.2	1.2	41	GREECE. ML 3.9 (ATH), 3.9 (SKO). Felt in southwestern Sterea Ellas and northern Peloponnisos.
	09	04	28	57.5*	24.277	N	123.207	E	33	N	4.4	0.3	6	SOUTHWESTERN RYUKYU ISLANDS
	09	04	51	28.2*	23.723	S	179.901	E	600	?	4.5	0.7	22	SOUTH OF FIJI ISLANDS
	09	08	16	24.9?	58.40	N	10.55	E	10	G		0.5	6	SWEDEN. MD 2.5 (BER).
	09	08	21	44.1	4.547	N	76.207	W	143		4.9	1.1	38	COLOMBIA. Felt at Pereira, Manizales, Chinchina and Cali.
	09	08	34	53.7&	37.480	N	121.627	W	9				15	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Mo=4.7*10**20 (BRK). This is a double event, with the second event occurring about 3.1 seconds after the first.
	09	08	42	50.4*	58.851	N	9.446	E	10	G		0.5	6	SOUTHERN NORWAY
	09	10	39	16.5*	40.493	N	73.833	E	33	N	4.3	1.2	12	KIRGHIZ SSR
	09	10	41	01.5	63.193	N	150.535	W	142	?		0.3	11	CENTRAL ALASKA
	09	11	41	39.3?	39.94	N	3.64	W	0	G		0.8	4	SPAIN. Probable explosion.
	09	13	18	41.2	62.228	N	150.245	W	33	N		0.9	9	CENTRAL ALASKA. ML 2.9 (PMR).
a	09	14	32	00.3	50.982	N	173.376	E	33	N	5.4	1.0	139	ALEUTIAN ISLANDS REGION
	09	15	38	36.1*	31.793	S	71.722	W	10	G		1.0	15	NEAR COAST OF CENTRAL CHILE
	09	15	49	11.8%	48.394	N	0.521	W	10	G		1.0	5	FRANCE. ML 2.4 (LDG).
	09	17	15	13.4*	8.731	S	157.416	E	56	*		0.7	7	SOLOMON ISLANDS
	09	18	08	23.0%	31.264	S	67.949	W	10	G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
a	09	18	10	54.4	23.015	S	66.749	W	216	D	5.2	1.3	165	JUJUY PROVINCE, ARGENTINA
	09	18	42	39.3?	0.47	N	98.90	E	33	N		1.1	5	NORTHERN SUMATERA
	09	18	44	00.1?	29.43	N	141.96	E	33	N		1.5	5	SOUTH OF HONSHU, JAPAN
	09	20	06	06.8*	5.352	N	126.372	E	85	?	5.1	1.0	12	MINDANAO, PHILIPPINE ISLANDS
	09	20	20	10.8&	60.207	N	152.879	W	99		4.3		35	SOUTHERN ALASKA. <AGS-P>.
	09	20	37	55.5	10.072	N	126.186	E	64	*	4.7	1.0	25	PHILIPPINE ISLANDS REGION
	09	20	40	19.0	32.494	S	67.434	W	5	G		1.3	24	MENDOZA PROVINCE, ARGENTINA
	09	21	03	33.1	38.428	N	25.156	E	10	G	4.8	1.2	20	AEGEAN SEA. ML 3.9 (ATH).
	09	21	11	53.7	13.091	S	167.580	E	33	N	4.9	0.9	51	VANUATU ISLANDS
	09	21	56	20.5	9.978	N	126.188	E	64		5.4	1.0	103	MINDANAO, PHILIPPINE ISLANDS
a	09	22	10	14.2	55.984	S	27.030	W	40	D	5.4 5.1	0.8	96	SOUTH SANDWICH ISLANDS REGION
	09	22	23	17.3%	47.661	N	2.885	E	10	G		0.5	8	FRANCE. ML 2.1 (LDG).
	09	23	21	30.0*	9.887	N	126.083	E	62	?		0.4	9	MINDANAO, PHILIPPINE ISLANDS
	10	00	20	04.5	14.290	N	120.711	E	199		4.7	1.0	30	LUZON, PHILIPPINE ISLANDS

	10	01	50	37.9*	51.070	N	.893	W	33	N	4.6		1.1	17	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	02	10	20.4?	31.83	S	15	W	33	N			0.8	5	CHILE-ARGENTINA BORDER REGION
a	10	02	21	10.5	0.948	S	126.863	E	13	G	5.8	5.9	1.2	165	MOLUCCA SEA. Ms 6.1 (PAS). Depth from broadband displocement seismograms.
	10	05	09	54.6?	50.70	N	179.13	W	33	N	4.7		1.6	23	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	10	06	37	13.5*	24.489	N	121.561	E	123				0.7	7	TAIWAN
	10	07	11	29.0?	35.05	N	24.38	E	74	?	4.0		1.2	11	CRETE
	10	07	31	37.9*	28.367	N	140.575	E	158	*	4.5		0.7	24	BONIN ISLANDS REGION
	10	07	52	49.0	37.783	N	140.668	E	104		4.5		0.7	17	HONSHU, JAPAN. Felt (I JMA) at Fukushima.
	10	09	19	48.2*	34.390	N	24.323	E	33	N	4.8		1.4	15	CRETE
	10	10	25	25.9*	1.180	S	126.713	E	71	?	4.9		1.3	22	MOLUCCA SEA
	10	10	59	50.2?	34.54	S	106.70	W	10	G	4.7		1.5	10	EASTER ISLAND CORDILLERA
	10	11	52	14.4	47.522	N	8.662	E	10	G			0.7	8	SWITZERLAND. ML 2.8 (LDG).
	10	12	09	55.9*	34.424	N	54.421	E	33	N	4.0		0.4	8	IRAN
	10	12	15	43.8*	12.252	N	143.754	E	23	*	4.6		1.1	16	SOUTH OF MARIANA ISLANDS
	10	13	19	53.8*	20.233	S	68.917	W	143	*	4.5		1.3	11	CHILE-BOLIVIA BORDER REGION
	10	14	08	30.1&	37.218	N	116.183	W	0		4.9			106	SOUTHERN NEVADA. <DOE>. ML 4.9 (BRK). Tunnel shot. 37° 13' 05.97" N., 116° 10' 59.20" W., Surface Elev. 2111 m., Depth of Buriol 400 m., Shot Time 140830.095, "MIGHTY OAK", Nevada Test Site (Dept. of Energy).
	10	14	18	13.0*	29.627	S	72.552	W	33	N			0.5	13	OFF COAST OF CENTRAL CHILE
	10	14	43	05.0	38.421	N	25.184	E	23		4.2		1.2	30	AEGEAN SEA. ML 4.3 (ATH).
	10	14	56	41.2	6.265	N	124.086	E	522	*	4.9		0.8	23	MINDANAO, PHILIPPINE ISLANDS
	10	16	06	43.7	20.155	S	70.961	W	57	*	4.2		1.1	17	NEAR COAST OF NORTHERN CHILE
	10	16	34	07.9?	33.21	S	72.66	W	33	N			1.2	12	OFF COAST OF CENTRAL CHILE
	10	18	22	08.4	1.137	N	98.514	E	92		5.1		1.0	75	NORTHERN SUMATERA
	10	18	27	14.2*	34.056	S	71.119	W	104				1.0	20	NEAR COAST OF CENTRAL CHILE. Felt (IV) in the Santiago-Valparaiso area.
	10	18	53	04.2	35.756	S	144.777	E	10	G			0.8	10	NEW SOUTH WALES, AUSTRALIA. ML 4.4 (RIV).
	10	21	03	20.7%	44.878	N	6.817	E	10	G			0.2	5	FRANCE. ML 2.8 (LDG).
	10	21	39	59.9	51.758	N	20.444	E	10	G			0.3	5	POLAND. ML 2.8 (KRA).
	10	22	12	59.8&	37.518	N	121.690	W	8					20	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Mo=8.6*10**20 (BRK).
	11	00	41	58.6*	33.158	S	72.221	W	33	N	4.7		1.5	23	OFF COAST OF CENTRAL CHILE
	11	01	00	38.7	10.041	N	126.259	E	54	*	5.0	4.5	1.2	68	PHILIPPINE ISLANDS REGION
	11	01	06	06.1	39.489	N	25.958	E	10	G			1.2	16	AEGEAN SEA
	11	02	00	58.9*	37.432	S	74.956	W	33	N	4.5		1.2	12	OFF COAST OF CENTRAL CHILE
	11	04	10	31.2	40.127	N	43.397	E	10	G	5.0	3.8	0.9	48	TURKEY-USSR BORDER REGION. Four houses damaged at Ozveren, Turkey. Felt in the Tuzluca-Kagizman area, Turkey.
	11	04	51	07.8	43.170	N	1.127	W	6				1.0	22	PYRENEES. ML 3.3 (LDG).
	11	05	10	51.9*	10.723	N	127.516	E	33	N			1.3	6	PHILIPPINE ISLANDS REGION
	11	05	16	51.5%	40.481	N	28.813	E	10	G			0.3	6	TURKEY
	11	05	32	09.3&	60.639	N	151.672	W	68					30	KENAI PENINSULA, ALASKA. <AGS-P>.
	11	05	46	54.9?	18.57	N	62.84	W	10	G			0.3	6	LEEWARD ISLANDS. ML 3.9 (PAG).
	11	06	07	06.6*	9.906	N	126.356	E	33	N			1.2	11	MINDANAO, PHILIPPINE ISLANDS
	11	06	17	14.7	38.982	N	106.940	W	5	G			0.8	17	COLORADO. ML 2.9 (NEIS). Felt (III) at Bosolt and Snowmass Villoge. Also felt in the Aspen area
	11	06	49	45.2	5.081	N	77.843	W	33	N	4.7	4.6	1.1	17	NEAR WEST COAST OF COLOMBIA
	11	09	25	41.4?	6.96	N	73.19	W	154	*			0.8	6	NORTHERN COLOMBIA
	11	09	30	23.6%	39.415	N	28.197	E	10	G			1.3	5	TURKEY
	11	11	41	55.6*	34.493	N	141.669	E	33	N	4.0		1.4	12	OFF EAST COAST OF HONSHU, JAPAN
	11	11	50	44.7	49.094	N	6.594	E	10	G			1.2	26	GERMANY. ML 3.3 (LDG), 3.1 (KBA)
	11	12	25	27.6	10 047	N	126.281	E	61	*	5.1		1.5	62	PHILIPPINE ISLANDS REGION
	11	12	59	06.9	12.288	N	59.434	W	53	D	5.0		1.0	105	WINDWARD ISLANDS
	11	13	17	21.1?	37.18	N	70.74	E	33	N	4.2		0.4	6	AFGHANISTAN-USSR BORDER REGION
a	11	17	22	20.8	54 164	N	167.883	W	33	N	5.3	5.9	1.2	177	FOX ISLANDS, ALEUTIAN ISLANDS. Ms 6.0 (BRK), 5.9 (PAS). Felt (IV) at Unalaska.
	11	18	28	17.4?	15 60	S	167.52	E	134	*	4.2		1.3	7	VANUATU ISLANDS
	11	21	55	31.9?	24.21	S	67.22	W	204	?			0.3	5	CHILE-ARGENTINA BORDER REGION
	11	22	33	09.1*	23.361	S	69.043	W	86	*	4.6		1.4	14	NORTHERN CHILE
	12	00	38	37.5*	10 767	S	166.159	E	125	G	4.4		0.9	10	SANTA CRUZ ISLANDS
	12	01	17	47.7*	51 203	N	15.849	E	10	G			1.4	10	POLAND. ML 3.6 (KBA), 3.5 (VKA).
	12	03	32	12.4	31 856	S	71.679	W	33	N			0.7	16	NEAR COAST OF CENTRAL CHILE
o	12	04	04	31.7	15.421	S	173.223	W	33	N	5.5	5.1	1.2	141	TONGA ISLANDS
	12	04	26	26.0*	12 398	N	95.732	E	33	N	4.2	4.6	0.9	10	ANDAMAN ISLANDS REGION
	12	05	27	32.1&	61.836	N	151.980	W	113					25	SOUTHERN ALASKA. <AGS-P>.
	12	05	34	46.4*	31 360	S	68.824	W	117	?			1.0	14	SAN JUAN PROVINCE, ARGENTINA
	12	05	55	14.9*	12.886	S	66.380	E	10	G	4.9	4.9	1.3	33	MID-INDIAN RISE
	12	06	57	53.3*	44 070	N	20.640	E	10	G			0.6	6	YUGOSLAVIA
	12	09	32	27.9*	3.379	S	145.386	E	33	N	4.2		1.5	8	NEAR N COAST OF PAPUA NEW GUINEA
	12	11	47	51.1*	8.366	N	126.884	E	66	*	5.0		1.3	28	MINDANAO, PHILIPPINE ISLANDS
	12	12	07	18.8?	45.31	N	9.92	E	10	G			1.5	8	NORTHERN ITALY
	12	12	12	46.1	17.544	S	167.848	E	23	*	5.2	4.5	1.3	34	VANUATU ISLANDS
	12	12	44	00.7*	28.781	N	86.480	E	33	N	4.4		0.8	6	TIBET
	12	15	24	01.8*	4.071	S	123.624	E	33	N	4.2		1.0	7	BANDA SEA
	12	15	59	44.8*	12.794	S	66.190	E	10	G	5.0		1.0	25	MID-INDIAN RISE
	12	16	05	06.5	12.878	S	66.394	E	10	G	5.1		1.0	59	MID-INDIAN RISE
	12	16	08	39.3*	4.168	S	123.344	E	33	N	4.1		1.4	11	BANDA SEA
	12	16	57	32.8	39.336	N	20.325	E	10	G	4.1		1.4	24	GREECE-ALBANIA BORDER REGION. ML 4.1 (ATH).
	12	17	43	54.1?	39.07	N	25.99	E	10	G			1.1	11	AEGEAN SEA
	12	18	13	57.4	9.962	N	126.320	E	53	*	4.9		1.2	60	MINDANAO, PHILIPPINE ISLANDS
	12	18	53	24.1*	26.341	N	102.748	E	33	N	4.3		1.1	7	SICHUAN PROVINCE, CHINA
	12	19	17	51.6	9.968	N	126.291	E	57	*	4.7		1.1	48	MINDANAO, PHILIPPINE ISLANDS
	12	19	23	37.0*	9.934	N	126.482	E	33	N	5.1		1.2	16	MINDANAO, PHILIPPINE ISLANDS
a	12	20	20	46.3	15.175	S	173.332	W	33	N	5.5	5.6	1.3	145	TONGA ISLANDS
	12	21	47	34.5	8.402	N	126.689	E	65	*	5.2		1.2	72	MINDANAO, PHILIPPINE ISLANDS
	12	22	02	32.9	67.263	N	161.691	W	33	N			0.3	7	ALASKA. ML 3.5 (PMR).
	12	22	15	32.3	56.357	N	164.102	E	33	N	4.5		0.8	35	KOMANDORSKY ISLANDS REGION
	12	23	05	47.4	44.635	N	111.076	W	5	G			0.9	10	HEBGEN LAKE REGION. ML 3.0 (NEIS). Felt (II) at West Yellowstone, Montana and Old Faithful, Yellowstone National Park.
a	13	01	56	07.1	15.604	S	173.168	W	108	*	5.2		1.4	102	TONGA ISLANDS

	13	02 04 45.8*	30.777	S	71.639	W	33	N			0.6	13	NEAR COAST OF CENTRAL CHILE
	13	02 21 58.2*	9.836	S	160.294	E	33	N	4.4		0.9	14	SOLOMON ISLANDS. Felt (II) at Honiara.
o	13	03 00 20.7	17.213	N	145.584	E	299		5.2		1.1	179	MARIANA ISLANDS
	13	04 19 51.9	3.484	S	141.376	E	30		5.1	4.2	1.1	67	PAPUA NEW GUINEA
	13	05 02 50.1?	44.28	N	114.15	W	5	G			0.6	4	WESTERN IDAHO. ML 3.0 (NEIS).
	13	05 24 01.4	11.507	S	118.170	E	33	N	4.9		1.5	19	SOUTH OF SUMBAWA ISLAND
	13	06 40 09.6?	30.83	S	71.57	W	33	N			0.9	5	NEAR COAST OF CENTRAL CHILE
	13	07 46 17.7	38.303	N	20.812	E	14		4.2		1.5	29	GREECE. ML 4.3 (ATH).
	13	08 13 49.4%	16.479	N	61.366	W	33	N			0.2	5	LEEWARD ISLANDS
	13	09 56 58.9*	19.756	N	115.960	W	10	G	4.5	4.1	0.9	42	EAST CENTRAL PACIFIC OCEAN
	13	10 25 39.9?	54.12	N	167.78	W	33	N	4.3		1.0	12	FOX ISLANDS, ALEUTIAN ISLANDS. ML 3.8 (PMR).
	13	11 20 42.2?	59.28	S	25.69	W	33	N	4.5		1.4	10	SOUTH SANDWICH ISLANDS REGION
	13	12 29 31.3	50.243	N	12.407	E	9				0.4	8	GERMANY. ML 2.4 (GRF).
	13	16 05 07.0&	59.787	N	152.698	W	90					30	SOUTHERN ALASKA. <AGS-P>.
	13	17 55 57.5?	24.95	S	177.48	W	265	?	4.3		1.3	13	SOUTH OF FIJI ISLANDS
	13	18 51 13.3?	33.45	S	72.29	W	33	N			0.9	13	OFF COAST OF CENTRAL CHILE
	13	20 05 07.0	9.986	N	126.302	E	57	*	4.5		1.1	32	MINDANAO, PHILIPPINE ISLANDS
	13	20 59 08.6&	60.967	N	151.907	W	88					42	KENAI PENINSULA, ALASKA. <AGS-P>.
	13	21 28 27.0	32.539	N	85.287	E	53	*	4.9		1.2	53	TIBET
	13	21 52 52.9*	9.871	N	126.323	E	33	N	4.9		0.6	14	MINDANAO, PHILIPPINE ISLANDS
	13	21 57 11.9?	33.15	S	72.37	W	33	N			0.6	11	OFF COAST OF CENTRAL CHILE
	13	22 17 07.9	40.847	N	31.789	E	10	G			0.7	12	TURKEY
	14	00 16 27.1&	61.417	N	146.598	W	26					35	SOUTHERN ALASKA. <AGS-P>.
f	14	00 25 12.4	13.923	S	166.831	E	29	G	6.0	6.2	1.3	266	VANUATU ISLANDS. Ms 6.5 (BRK), 6.2 (PAS). Depth from broadband displacement seismograms.
	14	00 34 02.4&	60.106	N	152.817	W	105					21	SOUTHERN ALASKA. <AGS-P>.
	14	01 00 54.7%	15.671	N	60.886	W	33	N			0.3	10	LEEWARD ISLANDS. ML 2.5 (FDF).
	14	01 11 45.6*	21.309	S	69.106	W	153	*			1.2	8	NORTHERN CHILE
	14	01 12 22.6	38.431	N	25.145	E	20		3.7		0.8	23	AEGEAN SEA. ML 3.8 (ATH).
	14	02 36 39.5*	36.659	N	71.177	E	33	N	4.5		1.3	11	AFGHANISTAN-USSR BORDER REGION
	14	03 15 14.9	21.727	N	142.939	E	331		4.4		0.6	22	MARIANA ISLANDS REGION
	14	05 05 20.5	10.438	N	60.758	W	56				0.9	26	TRINIDAD
	14	06 19 59.7	20.546	S	175.926	W	211	D	4.9		1.3	85	TONGA ISLANDS
	14	06 30 21.8	38.895	N	25.896	E	10	G			1.1	13	AEGEAN SEA. ML 3.5 (ATH).
	14	09 03 34.0*	11.790	N	143.072	E	33	N	4.3		0.9	10	SOUTH OF MARIANA ISLANDS
	14	09 27 01.9	0.865	S	126.689	E	33	*	4.6		1.1	18	MOLUCCA SEA
	14	09 35 09.8?	39.75	N	31.07	E	10	G			1.4	6	TURKEY
	14	09 44 10.6	0.574	S	124.318	E	43		5.2		1.2	74	MOLUCCA SEA
o	14	10 37 12.9	20.530	S	177.701	W	507		5.3		1.0	138	FIJI ISLANDS REGION
	14	10 41 36.3	32.847	S	70.135	W	94	?			0.4	14	CHILE-ARGENTINA BORDER REGION
o	14	10 52 48.8	4.865	S	151.268	E	216		5.4		1.0	187	NEW BRITAIN REGION
	14	12 30 28.1	50.922	N	6.622	E	10	G			0.5	7	GERMANY
	14	12 47 54.2	36.131	N	139.869	E	65		4.2		0.9	25	HONSHU, JAPAN. Felt (III JMA) at Utsunomiya and (I JMA) at Kumagaya and Mito.
f	14	14 52 10.5	57.724	S	24.373	W	11	D	5.7	6.3	1 3	107	SOUTH SANDWICH ISLANDS REGION
	14	18 17 09.4&	58.942	N	154.384	W	119					20	ALASKA PENINSULA. <AGS-P>.
	14	19 32 41.3	24.845	S	131.218	E	10	G			1.3	12	NORTHERN TERRITORY, AUSTRALIA. ML 3.6 (ASPA).
	14	19 56 13.4*	38.418	N	20.698	E	10	G	4.0		1.5	14	GREECE. ML 3.6 (ATH).
	14	20 39 13.1	8.270	S	74.259	W	155		4.8		1.0	63	PERU-BRAZIL BORDER REGION
	14	21 20 25.1*	61.864	N	124.906	W	10	G			1.0	5	NORTHWEST TERRITORIES, CANADA
	14	21 43 55.1	46.891	N	14.374	E	10	G			0.9	11	YUGOSLAVIA. ML 2.9 (VKA).
o	14	22 31 25.5	25.750	N	142.403	E	30		5.4		1.0	131	VOLCANO ISLANDS REGION. Felt (I JMA) on Chichi-shima, Bonin Islands.
	14	23 01 45 0%	16.052	N	61 449	W	10	G			0.6	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	15	00 13 17.3&	40 428	N	125 413	W	17	G	4.3			34	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.3 (BRK).
o	15	00 38 59 2*	14.856	S	174.348	W	33	N	5.2	5.4	1.2	69	SAMOA ISLANDS REGION
	15	01 34 27 4	16.344	N	146.724	E	33	N	5.0		1.1	79	MARIANA ISLANDS
	15	02 32 54 6*	45.919	N	25 956	E	126	?			1.2	8	ROMANIA
	15	02 49 08.6*	36.331	N	70.646	E	33	N	4.2		0.9	6	HINDU KUSH REGION
	15	03 38 42.3*	33.201	S	72 124	W	33	N	4.5		1.1	15	OFF COAST OF CENTRAL CHILE
	15	05 50 37.7*	10.381	N	126.437	E	33	N			0.7	7	PHILIPPINE ISLANDS REGION
	15	06 39 53.2	45.662	N	26.615	E	133	*			0.6	19	ROMANIA
	15	06 58 57 7*	24.141	S	66 869	W	216	*			0.5	7	SALTA PROVINCE, ARGENTINA
	15	07 48 10.1	18 219	S	177 943	W	630		4 9		0.9	70	FIJI ISLANDS REGION
	15	08 38 36.6?	33.05	S	72.32	W	33	N			0.4	10	OFF COAST OF CENTRAL CHILE
	15	09 25 56.7&	36.677	N	121.347	W	4					16	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK). Mo=3.6*10**21 (BRK) Felt.
	15	09 46 11.9	25.588	S	177.753	W	233	?	4.6		1.4	32	SOUTH OF FIJI ISLANDS
	15	10 16 09.8&	31.831	N	115.833	W	8	G				3	BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).
	15	10 25 14.4	12.108	N	143.848	E	14		5.3		1.0	55	SOUTH OF MARIANA ISLANDS
	15	10 52 20.2*	16.814	S	167.662	E	33	N	4.6		1.3	13	VANUATU ISLANDS
	15	11 47 13.5*	6.102	S	148.348	E	85	*	4.0		1.4	7	NEW BRITAIN REGION
o	15	13 15 02.7	15.561	S	173.905	W	89	D	5.3		1.1	158	TONGA ISLANDS
	15	13 24 42.2%	60.348	N	5.350	E	10	G			0.3	5	SOUTHERN NORWAY. MD 1.5 (BER).
	15	13 53 16.7?	33.73	S	72.15	W	33	N			1.1	10	OFF COAST OF CENTRAL CHILE
	15	14 04 44.3&	40.535	N	125.202	W	5	G				7	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.5 (BRK). Mo=5.5*10**20 (BRK).
	15	15 45 26.9*	16.224	S	178.215	E	18	*	4.7		1.0	13	FIJI ISLANDS
	15	16 53 13.3?	2.02	S	97.99	E	33	N	4.8		1.0	7	SOUTHWEST OF SUMATERA
	15	18 12 45.2&	59.439	N	153.253	W	95					20	SOUTHERN ALASKA. <AGS-P>.
	15	18 20 39.8	45.685	N	10.706	E	13				1.2	38	NORTHERN ITALY. ML 3.9 (GRF), 3.4 (LDG). MD 3.4 (TRI).
	15	18 26 17.7	2.933	S	141.469	E	55	*	4.5		1.1	25	NEAR N COAST OF PAPUA NEW GUINEA
	15	21 09 38.3	40.655	N	21.400	E	8				0.4	9	GREECE. ML 2.8 (THE).
	15	22 10 11.1	40.608	N	21.385	E	10	G			0.5	9	GREECE. ML 2.7 (THE).
	15	22 57 05.5	10.961	N	61.785	W	47	?			0.7	14	TRINIDAD. MG 3.7 (TRN). Felt (II) on Trinidad.
	15	23 13 00.8*	39.535	N	75.266	E	33	N	4.3		1.4	10	SOUTHERN XINJIANG, CHINA
	16	01 22 09.4*	36.171	N	140.350	E	33	N			0.8	7	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito.
o	16	01 31 44.2	30.612	N	141.645	E	31		5.7	5.6	1.1	296	SOUTH OF HONSHU, JAPAN. Ms 5.8 (BRK), 5.8 (PAS).
	16	02 05 40.6%	40.118	N	29.254	E	10	G			0.6	7	TURKEY
	16	02 48 15.4%	43.091	N	0.487	W	10	G			0.2	7	PYRENEES
	16	03 45 35.5	24.387	S	67.280	W	204	*			0.9	15	CHILE-ARGENTINA BORDER REGION
	16	04 21 42.7&	42.847	N	70.982	W	5	G				5	SOUTHERN NEW ENGLAND. <WES>. MD 2.6 (WES). Felt at Amesbury, Groveland, Merrimac and West Newbury,

														Massachusetts.
	16	05	19	37.4?	28.37	N	140.97	E	33	N	4.7		1.5	6 BONIN ISLANDS REGION
	16	06	15	23.9	5.624	S	130.905	E	78	*	5.0		1.4	35 BANDA SEA
	16	06	25	27.6	44.271	N	114.099	W	5	G			0.5	9 WESTERN IDAHO. ML 3.5 (NEIS).
	16	06	53	49.6*	41.200	N	140.246	E	170		4.9		0.6	18 HOKKAIDO, JAPAN REGION
	16	07	11	37.0*	9.974	N	126.565	E	33	N	5.0		1.3	18 MINDANAO, PHILIPPINE ISLANDS
	16	11	51	11.5%	60.304	N	5.390	E	10	G			0.3	6 SOUTHERN NORWAY. MD 1.8 (BER).
	16	12	01	10.1*	11.496	S	117.328	E	33	N	3.8		1.2	9 SOUTH OF SUMBAWA ISLAND
f	16	12	52	16.0	43.890	N	147.570	E	23	G	6.3	6.1	1.0	432 KURIL ISLANDS. Ms 5.9 (BRK). Felt (V) on Shikotan and Kunashir and (III) on Iturup. Felt (III JMA) at Nemuro and Kushiro; (II JMA) at Obihiro and Urakawa, Hokkaido. Felt (I JMA) at Fukushima and Hachinohe, Honshu. Also felt at Ofunato, Honshu. Depth from broadband displacement seismograms.
	16	13	14	50.9%	59.257	N	5.795	E	10	G			0.4	5 SOUTHERN NORWAY. MD 2.5 (BER).
	16	14	22	50.8&	60.159	N	152.251	W	65					37 SOUTHERN ALASKA. <AGS-P>.
	16	14	39	53.0?	5.74	S	133.74	E	33	N	4.4		1.2	5 AROE ISLANDS REGION
	16	15	24	52.7&	58.518	N	155.364	W	133					21 ALASKA PENINSULA. <AGS-P>.
a	16	18	55	30.4	30.710	N	141.446	E	26	*	5.4	5.2	1.1	132 SOUTH OF HONSHU, JAPAN
	16	18	59	56.8*	3.892	N	77.854	W	33	N	4.8	3.8	1.1	13 NEAR WEST COAST OF COLOMBIA
	16	19	56	50.0?	5.55	S	103.66	E	75	?	4.7		1.4	15 SOUTHERN SUMATERA
	16	19	59	59.7%	15.002	N	60.327	W	10	G			0.4	7 LEEWARD ISLANDS. ML 2.8 (FDF).
	16	20	12	44.1?	30.70	N	141.91	E	33	N	4.2		0.4	8 SOUTH OF HONSHU, JAPAN
	16	20	21	22.9	14.920	S	167.253	E	169	*	4.8		1.0	39 VANUATU ISLANDS
	16	20	24	11.3*	51.162	N	15.716	E	10	G			1.2	10 POLAND. ML 3.6 (VKA), 3.4 (KBA).
	16	21	20	31.9?	34.75	S	72.12	W	33	N			1.0	11 NEAR COAST OF CENTRAL CHILE
	16	22	01	56.7*	3.479	N	78.395	W	33	N	4.6		1.4	21 SOUTH OF PANAMA
	16	22	13	22.8&	60.974	N	151.448	W	88					30 KENAI PENINSULA, ALASKA. <AGS-P>.
	16	23	09	19.3?	31.30	S	68.45	W	112	*			0.6	6 SAN JUAN PROVINCE, ARGENTINA
	16	23	52	17.0	15.382	N	60.811	W	29				0.2	11 LEEWARD ISLANDS. ML 2.9 (FDF).
	17	00	57	06.5	31.902	S	68.284	W	119		4.0		0.6	21 SAN JUAN PROVINCE, ARGENTINA
	17	01	04	43.7?	45.06	N	150.22	E	33	N	4.1		1.2	8 KURIL ISLANDS
	17	02	48	04.1*	11.738	N	143.822	E	33	N	4.4		1.2	10 SOUTH OF MARIANA ISLANDS
	17	03	10	38.9*	44.323	N	114.119	W	5	G			0.9	6 WESTERN IDAHO. ML 3.0 (NEIS).
	17	05	14	12.3%	38.805	N	27.169	E	10	G			0.4	6 TURKEY
	17	06	44	52.8*	28.149	N	140.883	E	33	N	4.3		0.5	7 BONIN ISLANDS REGION
	17	07	07	40.3*	41.176	N	22.831	E	10	G			0.6	5 YUGOSLAVIA
	17	07	25	27.7	20.876	S	68.901	W	100		4.7		1.3	73 CHILE-BOLIVIA BORDER REGION
	17	07	32	10.9?	19.37	S	172.89	W	33	N	5.1		1.4	15 TONGA ISLANDS REGION
	17	09	09	45.9*	12.511	N	88.721	W	68	*	4.8		1.1	37 OFF COAST OF CENTRAL AMERICA
	17	09	18	28.3*	32.790	S	71.928	W	33	N			1.4	17 NEAR COAST OF CENTRAL CHILE
	17	09	23	05.6%	16.556	N	61.170	W	10	G			1.1	5 LEEWARD ISLANDS
a	17	10	05	54.4	0.847	S	99.901	E	83		5.3		1.1	162 SOUTHERN SUMATERA
	17	12	03	54.7*	36.536	N	3.940	W	33	N			1.5	6 STRAIT OF GIBRALTAR. MG 2.9 (MDD).
	17	12	58	40.8*	28.320	N	140.796	E	33	N	4.9		1.4	21 BONIN ISLANDS REGION
	17	13	15	57.0	24.460	N	94.807	E	85	D	5.0		1.0	57 BURMA-INDIA BORDER REGION
	17	13	55	28.0	40.444	N	22.607	E	10	G			1.4	14 GREECE. ML 3.0 (THE).
	17	14	37	44.7	40.482	N	22.610	E	10	G			0.6	10 GREECE. ML 2.7 (THE).
	17	16	03	18.0	33.760	N	25.621	E	10	G	4.3		1.3	43 EASTERN MEDITERRANEAN SEA
	17	16	05	24.4	42.231	N	142.985	E	69		4.8		1.3	54 HOKKAIDO, JAPAN REGION. Felt (II JMA) at Urakawa and (I JMA) at Obihiro, Kushiro, Sapporo and Muroran.
	17	18	21	24.1	40.318	N	27.412	E	10	G			0.5	13 TURKEY
	17	18	27	23.9*	51.554	N	6.859	E	10	G			1.0	7 GERMANY. ML 1.9 (BNS).
	17	19	42	06.7*	38.833	N	8.882	W	10	G			1.2	12 PORTUGAL. MG 3.5 (MDD). Felt at Benavente.
	17	20	07	34.8*	51.298	N	15.950	E	10	G			0.8	10 POLAND. ML 2.9 (KBA).
	17	21	04	30.3&	32.587	N	106.912	W	5	G				1 NEW MEXICO. <GLD>. ML 2.7 (GLD). Felt at Leasburg.
	17	21	50	25.4	46.727	N	10.229	E	10	G			1.3	12 NORTHERN ITALY. ML 2.7 (FUR), 2.3 (KBA).
	18	00	06	38.2&	57.759	N	152.964	W	60					18 KODIAK ISLAND REGION. <AGS-P>.
	18	00	19	49.3*	36.584	N	71.067	E	201	?	4.4		1.3	11 AFGHANISTAN-USSR BORDER REGION
	18	01	14	25.1*	51.481	N	6.806	E	10	G			1.1	7 GERMANY. ML 1.9 (BNS).
	18	01	23	59.7	42.097	N	142.558	E	81		4.9		1.1	85 HOKKAIDO, JAPAN REGION. Felt (II JMA) at Hiroo, Urakawa and Tomakomai and (I JMA) at Otoru, Iwamizawa, Sapporo, Muroran, Obihiro and Hakodate. Also felt (I JMA) at Hachinohe and Mutsu, Honshu.
	18	02	03	53 0*	2.662	S	78.469	W	111	*	4.3		1.3	12 ECUADOR
	18	03	19	39.9	22.654	S	68.518	W	118	D	5.1		1.3	121 NORTHERN CHILE. Felt (IV) at Calama.
	18	05	50	15.8	45.950	N	8.285	E	10	G			1.0	23 NORTHERN ITALY. ML 2.9 (LDG).
	18	05	51	22.0&	61.681	N	150.899	W	60					32 SOUTHERN ALASKA. <AGS-P>.
	18	06	58	57.8?	16.95	N	62.19	W	10	G			0.1	7 LEEWARD ISLANDS. ML 3.2 (FDF).
a	18	08	08	39.8	5.997	S	131.542	E	52	*	5.3		0.9	70 BANDA SEA
	18	08	46	17.1*	10.147	N	126.574	E	33	N	4.4		1.4	17 PHILIPPINE ISLANDS REGION
	18	08	56	56.7	4.906	S	11.507	W	10	G	5.1	3.9	0.7	62 NORTH OF ASCENSION ISLAND
	18	09	22	39.5&	61.938	N	151.513	W	91					24 SOUTHERN ALASKA. <AGS-P>.
	18	09	32	40.2*	9.947	N	126.525	E	33	N			0.9	10 MINDANAO, PHILIPPINE ISLANDS
	18	09	35	42.8&	41.125	N	123.303	W	5	G				4 NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK).
	18	10	49	04.2*	45.309	N	26.856	E	33	N			1.1	5 ROMANIA
	18	11	00	21.7&	38.230	N	122.178	W	3					9 NORTHERN CALIFORNIA. <BRK>. ML 2.3 (BRK). Felt at Suisun Bay.
	18	12	39	45.7?	39.68	N	63.00	E	33	N	4.4		0.7	6 UZBEK SSR
	18	13	00	08.0*	38.302	N	25.218	E	10	G			1.2	5 AEGEAN SEA. ML 3.2 (ATH).
	18	13	48	24.9	38.239	N	25.249	E	10	G	4.2		1.3	41 AEGEAN SEA. ML 4.2 (ATH), 3.8 (THE).
	18	14	17	55.2	44.642	N	111.078	W	5	G			0.9	10 HEBGEN LAKE REGION. ML 3.2 (NEIS). Felt (II) at West Yellowstone, Montana. Also felt (II) at Old Faithful, Yellowstone National Park.
	18	14	52	38.0*	38.499	N	24.939	E	10	G			1.2	5 AEGEAN SEA. ML 3.2 (ATH).
	18	16	14	20.4*	45.205	N	26.669	E	33	N			0.9	5 ROMANIA
	18	16	22	25.1?	15.81	N	60.39	W	33	N			1.5	10 LEEWARD ISLANDS. ML 3.1 (FDF).
	18	19	30	30.2*	38.365	N	25.099	E	10	G			1.5	11 AEGEAN SEA. ML 3.6 (ATH).
	18	21	08	28.0	40.768	N	27.552	E	10	G			1.5	12 TURKEY
	18	21	37	19.0	44.105	N	11.882	E	10	G			1.2	23 NORTHERN ITALY. ML 3.5 (LDG), 3.3 (KBA).
	18	22	26	51.0	18.020	S	69.529	W	164	*			1.0	15 NORTHERN CHILE
	18	23	52	21.1	28.681	N	142.453	E	33	N	4.9		1.2	35 BONIN ISLANDS REGION
	19	00	15	08.8*	14.765	N	119.520	E	33	N	4.3		0.9	7 LUZON, PHILIPPINE ISLANDS

	19	00	27	13.1?	46.10	N	154.99	E	33	N	4.6	0.8	9 KURIL ISLANDS REGION
	19	02	00	34.3	43.028	N	0.433	W	10	G		0.8	11 PYRENEES. ML 2.6 (LDG).
	19	03	34	01.8?	31.12	N	142.09	E	33	N	4.3	1.0	7 SOUTH OF HONSHU, JAPAN
	19	03	45	45.0?	46.02	N	153.26	E	33	N	4.5	1.5	8 KURIL ISLANDS
	19	04	01	02.5	35.228	N	137.229	E	29	•		0.9	12 HONSHU, JAPAN. Felt (II JMA) at Nagoya.
	19	05	08	57.1•	38.377	N	25.205	E	10	G		1.5	9 AEGEAN SEA. ML 3.6 (ATH).
	19	05	20	42.3•	16.250	S	178.505	E	33	N	4.7	1.4	22 FIJI ISLANDS
	19	07	57	03.5•	56.202	N	160.878	W	132		4.2	0.8	19 ALASKA PENINSULA
	19	08	59	47.5•	17.561	S	178.771	W	595	•	4.5	1.0	56 FIJI ISLANDS REGION
	19	09	01	49.9	43.177	N	0.487	W	12			0.7	25 PYRENEES. ML 3.9 (LDG).
	19	10	04	53.3?	36.67	N	2.37	W	33	N		1.6	5 STRAIT OF GIBRALTAR
	19	11	49	01.5?	51.77	N	16.57	E	10	G		0.6	10 POLAND. ML 3.6 (GRF), 3.6 (VKA), 3.6 (KBA).
	19	13	04	45.7•	3.342	S	146.356	E	33	N	4.4	1.5	8 BISMARCK SEA
	19	13	36	41.7?	32.86	S	73.64	W	33	N		1.4	17 OFF COAST OF CENTRAL CHILE
	19	14	37	18.7•	19.087	S	168.811	E	146	•	5.0	1.6	38 VANUATU ISLANDS
	19	14	57	26.6	28.733	N	142.566	E	33	N	4.9	1.1	51 BONIN ISLANDS REGION
a	19	17	56	44.7	53.270	N	161.658	E	33	N	5.1 4.5	0.8	106 OFF EAST COAST OF KAMCHATKA
	19	18	30	23.0•	15.565	S	70.320	W	234	•	4.1	0.4	7 SOUTHERN PERU
	19	19	42	25.8&	59.004	N	152.293	W	72				33 SOUTHERN ALASKA. <AGS-P>.
	19	19	47	04.2•	45.519	N	5.692	E	10	G		1.4	9 FRANCE. ML 2.6 (LDG).
	19	22	05	11.8	43.113	N	0.472	W	14			0.6	13 PYRENEES. ML 3.3 (LDG).
	19	22	12	54.4•	6.641	S	129.775	E	162	?	4.5	1.7	19 BANDA SEA
	19	23	21	09.3?	46.05	N	27.16	W	10	G	4.4	1.3	21 NORTH ATLANTIC RIDGE
a	19	23	28	09.1	9.286	S	79.018	W	62		5.5	1.1	145 OFF COAST OF NORTHERN PERU. Felt (IV) at Chimbate, Casma and Trujillo and (II) at Carhuaz and Huaraz.
	19	23	35	29.3•	16.723	N	61.109	W	10	G		0.5	5 LEEWARD ISLANDS. ML 2.4 (FDF).
	20	00	03	12.7	24.983	N	95.356	E	147	•	4.5	0.7	39 BURMA
	20	00	53	52.2•	8.174	S	117.983	E	33	N	3.7	1.3	12 SUMBAWA ISLAND REGION
	20	00	54	02.8•	44.670	N	8.585	E	10	G		0.6	7 NORTHERN ITALY. ML 3.1 (LDG).
	20	01	18	13.6	45.050	N	10.399	E	10	G		1.3	29 NORTHERN ITALY. ML 3.3 (LDG), 3.2 (KBA).
	20	01	22	42.4•	5.263	S	151.717	E	78	•	4.6	1.2	10 NEW BRITAIN REGION
	20	01	25	02.2?	42.98	N	0.14	W	10	G		1.4	6 PYRENEES. ML 2.7 (LDG).
	20	01	45	33.9•	15.308	S	172.813	W	33	N	4.6	0.9	14 SAMOA ISLANDS REGION
	20	02	08	39.4•	2.563	S	141.322	E	33	N	4.7	1.3	13 NEAR N COAST OF PAPUA NEW GUINEA
	20	02	26	58.9	43.031	N	0.514	W	10	G		1.4	11 PYRENEES. ML 2.5 (LDG).
	20	02	31	55.3•	44.136	N	114.925	W	5	G		0.8	6 WESTERN IDAHO. ML 2.8 (NEIS).
	20	02	34	19.8	24.819	N	123.376	E	29		5.0	1.0	17 SOUTHWESTERN RYUKYU ISLANDS
	20	03	14	00.6	24.895	N	123.404	E	33	N	5.1	1.3	18 SOUTHWESTERN RYUKYU ISLANDS
	20	03	14	42.7	40.706	N	24.223	E	10	G		0.9	9 AEGEAN SEA
	20	03	24	42.0•	5.845	S	154.380	E	53	•	4.8	1.3	12 SOLOMON ISLANDS
	20	04	31	39.3•	37.634	N	29.784	E	10	G		1.2	7 TURKEY
	20	04	35	59.4?	7.57	S	129.88	E	151	?	4.3	1.2	8 BANDA SEA
f	20	07	03	30.8	2.394	S	139.309	E	33	N	6.1 6.7	1.1	281 NEAR N. COAST OF WEST IRIAN. Ms 6.5 (BRK). Felt in the northern coostal area.
	20	07	09	55.6•	6.359	N	72.333	W	33	N		1.9	6 NORTHERN COLOMBIA
	20	09	07	59.5?	2.52	S	139.30	E	33	N	3.8	1.4	9 NEAR N. COAST OF WEST IRIAN
	20	09	14	20.5%	41.130	N	27.762	E	10	G		0.2	6 TURKEY
	20	09	17	18.2	10.914	S	161.019	E	33	N	5.1	1.0	17 SOLOMON ISLANDS
	20	09	32	31.7•	17.042	S	175.977	W	193	?	5.0	1.4	31 TONGA ISLANDS
	20	09	59	57.8	57.426	N	60.255	W	10	G	4.7	1.2	56 EAST OF LABRADOR. mbLg 4.9 (OTT).
	20	11	27	08.2	40.127	N	29.342	E	10	G		0.3	8 TURKEY
	20	11	45	14.2•	2.440	S	139.123	E	33	N	4 6	1.0	16 NEAR N. COAST OF WEST IRIAN
	20	11	48	03.5?	34.16	S	70.79	W	33	N		1.4	6 CHILE-ARGENTINA BORDER REGION
	20	12	54	00.9&	61.488	N	150.632	W	58				31 SOUTHERN ALASKA. <AGS-P>.
	20	13	14	16.7	64.902	N	148 678	W	33	N		1.1	11 CENTRAL ALASKA. ML 4.1 (PMR).
	20	13	39	34.7•	32.507	S	71.356	W	33	N		0.7	12 NEAR COAST OF CENTRAL CHILE
	20	16	33	22.0	5.401	S	146.860	E	239		4.7	0.9	18 EAST PAPUA NEW GUINEA REGION
	20	16	40	31.5•	48 847	N	122 366	W	5	G		0.9	6 WASHINGTON. ML 2.8 (NEIS). Felt (III) at Lynden and Nugeuts Corner. Felt (II) at Bellingham, Deming and Sumas
	20	16	55	37.4	32.130	N	92 189	E	33	N	4.8	1.0	24 TIBET
	20	23	12	29.9	37.010	N	116.027	W	5	G	4.0	0.4	31 SOUTHERN NEVADA. ML 4.0 (BRK).
	20	23	30	33.0?	19.32	N	61.72	W	10	G		0.8	11 LEEWARD ISLANDS. ML 3.8 (FDF).
	21	00	03	24.0	37 023	N	115 940	W	5	G		0.6	6 SOUTHERN NEVADA. ML 2.8 (NEIS).
	21	00	31	44 4	22.765	S	71.416	W	33	N	4.5	1.1	23 OFF COAST OF NORTHERN CHILE
o	21	01	11	29.0	15.201	S	173 348	W	33	N	5.2 4.6	0.9	70 TONGA ISLANDS
	21	01	36	08.2•	2.396	S	139.141	E	33	N	3.9	1.4	14 NEAR N. COAST OF WEST IRIAN
	21	03	28	01.5•	19.705	N	145.613	E	110	G	4.3	0.7	12 MARIANA ISLANDS
	21	04	23	12.1?	48.44	N	3.71	W	11			1.5	11 FRANCE. ML 3.3 (LDG).
	21	05	54	56.1•	11.505	N	87.521	W	33	N	4.0	1.1	19 NEAR COAST OF NICARAGUA
	21	06	28	52.2?	33.42	S	72.89	W	33	N		0.3	9 OFF COAST OF CENTRAL CHILE
	21	06	35	59.4&	35.830	N	117.770	W	4				8 CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	21	12	00	24.5•	24.444	N	123.110	E	33	N	4.0	1.4	9 SOUTHWESTERN RYUKYU ISLANDS
	21	12	01	41.8•	77.033	N	106.313	W	10	G		0.8	6 QUEEN ELIZABETH ISLANDS
	21	13	06	43.6%	60.480	N	5.385	E	10	G		0.4	6 SOUTHERN NORWAY. MD 1.2 (BER).
	21	13	34	46.6%	59.370	N	5.347	E	10	G		0.5	5 SOUTHERN NORWAY. MD 1.6 (BER).
	21	13	37	11.2	38.378	N	25.166	E	16		4.1	0.9	35 AEGEAN SEA. ML 4.3 (ATH), 4.0 (THE). Felt at Kardamyla.
	21	13	45	48.2•	38.509	N	25.122	E	11			1.5	10 AEGEAN SEA
	21	14	38	49.6?	25.70	S	179.43	W	450	?	4.5	1.2	14 SOUTH OF FIJI ISLANDS
	21	15	14	43.7•	24.604	N	123.007	E	33	N	4.5	1.4	9 SOUTHWESTERN RYUKYU ISLANDS
	21	15	33	59.1?	6.35	N	126.02	E	50	?	3.7	0.9	12 MINDANAO, PHILIPPINE ISLANDS
	21	17	20	25.5&	62.545	N	150.884	W	79				34 CENTRAL ALASKA. <AGS-P>.
	21	17	22	48.3•	50.089	N	19.130	E	10	G		1.6	5 POLAND. ML 2.6 (KRA).
	21	17	40	59.1•	0.156	S	127.106	E	86	?	4.6	0.8	7 HALMAHERA
	21	18	06	38.1•	44.479	N	2.435	E	10	G		1.1	11 FRANCE. ML 3.2 (LDG).
	21	18	09	38.6%	44.727	N	2.304	E	10	G		0.4	8 FRANCE. ML 2.5 (LDG).
	21	18	31	21.2	19.330	S	173.156	W	33	N	5.1	0.7	46 TONGA ISLANDS
	21	20	10	46.9	20.897	S	178.303	W	550		4.7	1.0	29 FIJI ISLANDS REGION
	21	21	19	35.8?	42.53	N	7.83	E	10	G		0.4	5 WESTERN MEDITERRANEAN SEA. ML 2.6 (LDG).
	21	21	51	53.2?	18.13	S	166.27	E	33	N	3.6	0.7	6 VANUATU ISLANDS REGION
	21	21	53	24.9•	6.116	S	151.328	E	33	N	3.8	1.3	5 NEW BRITAIN REGION
a	21	23	36	17.5	1.982	N	126.537	E	33	N	5.6 5.4	1.1	193 MOLUCCA PASSAGE
	21	23	52	26.8	21.922	S	179.529	W	619	•	4.8	0.8	24 FIJI ISLANDS REGION

	22	00	22	52.4?	15.64	N	61.29	W	140	?			0.7	9	LEEWARD ISLANDS
	22	00	36	59.8?	7.16	N	73.46	W	139	?			0.3	5	NORTHERN COLOMBIA
	22	00	42	10.4?	38.31	N	25.19	E	10	G			0.2	4	AEGEAN SEA. ML 3.1 (ATH).
	22	00	47	23.7*	38.474	N	25.136	E	10	G			1.4	13	AEGEAN SEA. ML 3.5 (ATH).
	22	04	50	32.8	24.613	N	122.643	E	29		4.3		1.2	22	TAIWAN REGION
	22	05	25	36.6	1.906	N	126.446	E	33	N	5.0		1.0	52	MOLUCCA PASSAGE
	22	06	51	52.3?	34.34	S	72.60	W	33	N			1.1	13	NEAR COAST OF CENTRAL CHILE
	22	07	28	23.7&	40.980	N	73.834	W	6					17	NEW YORK. <PAL>. ML 2.7 (PAL). Felt (IV) at Mount Vernon, Pelham, Rye, Scarsdale and Yonkers. Felt (III) at Ardsley and Ardsley-on-Hudson.
	22	07	33	45.7	26.368	S	27.254	E	5	G	4.7		1.3	14	REPUBLIC OF SOUTH AFRICA
	22	07	37	11.3	45.916	N	11.363	E	10	G			0.9	9	NORTHERN ITALY. ML 2.7 (KBA).
	22	08	23	55.1	33.792	S	71.732	W	10	G			0.5	9	NEAR COAST OF CENTRAL CHILE
	22	09	29	51.6	31.850	N	76.789	E	33	N	4.7		0.8	18	NORTHERN INDIA
	22	10	26	51.4?	53.66	N	170.80	W	33	N	4.5		1.1	6	FOX ISLANDS, ALEUTIAN ISLANDS
	22	11	37	36.8?	35.96	N	10.55	W	10	G			0.9	8	NORTH ATLANTIC OCEAN. MG 3.5 (MDD).
	22	13	18	21.4*	3.762	S	134.389	E	154	?	5.0		1.0	7	WEST IRIAN REGION
	22	13	33	59.6?	39.59	N	29.50	E	10	G			0.9	5	TURKEY
	22	14	13	26.3?	28.59	S	70.64	W	33	N			0.5	5	CENTRAL CHILE
	22	14	30	00.0&	37.264	N	116.440	W	0		5.3	4.2		197	SOUTHERN NEVADA. <DOE>. ML 5.4 (BRK). 37' 15' 50.82" N., 116' 26' 24.73" W., Surface Elev. 1982 m., Depth of Burial 600 m., Shot Time 143000.086, "JEFFERSON", Nevada Test Site (Dept. of Energy).
	22	15	06	49.3%	46.326	N	5.424	E	10	G			1.0	7	FRANCE. ML 2.6 (LDG).
	22	17	21	18.3*	72.176	N	130.468	W	10	G	5.0		1.3	13	BEAUFORT SEA
	22	17	47	50.1&	36.753	N	121.487	W	4					10	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
	22	18	27	43.2*	32.479	S	71.569	W	33	N			1.1	9	NEAR COAST OF CENTRAL CHILE
	22	18	28	59.9	19.071	S	68.324	W	74	*			1.0	10	CHILE-BOLIVIA BORDER REGION
a	22	18	35	40.1	29.035	S	177.661	W	57	D	5.4		1.0	80	KERMADEC ISLANDS
	22	20	29	20.3*	28.689	N	141.155	E	33	N	5.1		1.5	9	BONIN ISLANDS REGION
	22	20	33	35.9	37.991	N	20.209	E	31		4.6		0.9	42	IONIAN SEA. ML 4.4 (ATH), 4.0 (THE).
	22	21	25	13.1	6.179	S	104.673	E	33	N	4.8		1.2	22	SUNDA STRAIT
	22	21	36	06.9*	7.422	S	129.411	E	33	N	4.7		1.3	6	BANDA SEA
a	22	21	53	03.0*	50.113	S	163.937	E	10	G	4.8		1.5	16	AUCKLAND ISLANDS REGION
	22	22	38	31.6?	17.48	N	61.90	W	84	?			0.3	11	LEEWARD ISLANDS
	22	23	30	59.2*	9.366	S	155.829	E	10	G	4.6		1.1	10	DENTRECASTEAUX ISLANDS REGION
	23	00	22	32.4?	41.59	N	22.45	E	10	G			1.8	5	YUGOSLAVIA
	23	01	11	10.1*	41.285	N	23.999	E	10	G			0.7	6	GREECE-BULGARIA BORDER REGION
	23	01	55	47.9	31.210	S	67.450	W	130	*			0.8	16	SAN JUAN PROVINCE, ARGENTINA
	23	03	37	00.9&	58.855	N	153.079	W	64					24	KODIAK ISLAND REGION. <AGS-P>.
	23	04	36	23.2%	60.954	N	4.755	E	10	G			0.8	5	SOUTHERN NORWAY. MD 2.2 (BER).
	23	04	43	51.3&	19.305	N	155.271	W	31					49	HAWAII. <HVO-P>. ML 4.4 (HVO). Felt widely on Hawaii. Also several felt reports from Oahu.
	23	09	09	48.7?	0.73	S	138.26	E	33	N	4.3		1.0	7	WEST IRIAN REGION
a	23	09	11	53.1	30.563	N	141.971	E	14		5.6	5.7	1.1	247	SOUTH OF HONSHU, JAPAN. Ms 5.9 (PAS).
	23	10	08	59.5	56.162	N	160.548	E	164	D	4.6		0.7	40	KAMCHATKA
	23	12	13	03.3	3.111	N	127.625	E	114	*	5.1		1.1	34	TALAUD ISLANDS
	23	12	28	29.6?	0.32	N	98.86	E	90	?	4.4		1.5	11	NORTHERN SUMATERA
	23	14	39	18.5%	60.734	N	5.528	E	10	G			0.1	5	SOUTHERN NORWAY. MD 1.9 (BER).
	23	15	17	08.9	47.442	N	89.610	E	33	N	5.0	3.9	0.8	100	NORTHERN XINJIANG, CHINA
	23	16	35	06.3&	37.407	N	121.800	W	5	G				10	CENTRAL CALIFORNIA. <BRK> ML 2.2 (BRK). Felt in the Altamont and Milpitas sections of San Jose.
	23	17	07	09.6*	46.365	N	13.528	E	10	G			1.0	6	AUSTRIA. MD 2.1 (TRI).
	23	17	47	27.7*	4.300	N	125.144	E	33	N	4.9		0.5	8	TALAUD ISLANDS
a	23	20	27	12.7	3.868	S	80.983	W	46	D	5	4 4 4	0.9	186	PERU-ECUADOR BORDER REGION. Felt in the Tumbes, Peru area.
	23	22	56	12.5	38.558	N	25.158	E	5		3.8		0.6	24	AEGEAN SEA. ML 4.0 (ATH)
	23	23	52	51.1	5.081	N	94.035	E	33	N	4.5		0.8	21	NORTHERN SUMATERA
a	24	00	22	16.7	47.435	N	89.651	E	33	N	4.9	4.1	0.8	98	NORTHERN XINJIANG, CHINA
	24	01	04	12.8?	5.90	N	126.36	E	33	N	4.4		0.6	8	MINDANAO, PHILIPPINE ISLANDS
	24	02	01	48.7&	32.440	N	115.250	W	6	G				8	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	24	02	31	23.8&	32.450	N	115.290	W	6	G				6	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.3 (PAS).
	24	02	36	47.4?	30.84	N	141.69	E	58	?	4 2		1.1	16	SOUTH OF HONSHU, JAPAN
	24	02	43	41.2*	32.099	S	71.647	W	69	*	4.6		1.3	25	NEAR COAST OF CENTRAL CHILE
	24	02	58	12.2*	58.176	S	26.226	W	33	N	5.3		1.4	23	SOUTH SANDWICH ISLANDS REGION
	24	03	42	36.8?	17.09	N	62.38	W	10	G			0.2	7	LEEWARD ISLANDS. ML 3.0 (FDF).
	24	04	43	48 1	36.104	S	143.411	E	33	N			0.6	7	VICTORIA, AUSTRALIA. ML 3.2 (TOO), 2.9 (STK).
	24	05	08	46.7*	37.342	N	72.018	E	33	N	4.0		0.6	5	TAJIK SSR
	24	05	48	44.8?	10.87	S	112.72	E	33	N			1.4	5	SOUTH OF JAVA
	24	07	10	42.8*	35.211	S	70.637	W	33	N	4.2		1.5	20	CHILE-ARGENTINA BORDER REGION
	24	09	32	24.0?	27.96	N	53.01	E	33	N	4.4		1.3	8	SOUTHERN IRAN
	24	09	46	22.3?	16.77	N	61.14	W	33	N			1.1	6	LEEWARD ISLANDS. ML 2.7 (PAG).
	24	11	32	07.9?	61.68	N	5.53	E	10	G			1.3	5	SOUTHERN NORWAY. MD 2.1 (BER).
	24	11	38	59.0*	4.178	S	134.888	E	33	N	4.7		1.4	11	WEST IRIAN REGION
	24	12	16	21.6	38.483	N	25.181	E	10	G			1.4	16	AEGEAN SEA ML 3.7 (ATH).
	24	13	44	01.2?	16.96	N	61.23	W	33	N			0.1	5	LEEWARD ISLANDS
	24	13	49	15.1*	4.470	S	134.922	E	33	N	3.9		1.4	5	WEST IRIAN REGION
	24	14	41	13.9*	50.473	N	5.783	E	10	G			0.7	5	BELGIUM
	24	16	28	37.3*	28.214	N	140.655	E	33	N	4.6		1.4	17	BONIN ISLANDS REGION
	24	18	35	04.5*	12.546	S	166.907	E	33	N	5.1		1.0	26	SANTA CRUZ ISLANDS
	24	20	17	05.4%	16.008	N	60.934	W	31	*			0.4	8	LEEWARD ISLANDS. ML 2.7 (FDF).
	24	21	56	18.9*	34.317	N	26.147	E	10	G	3.7		0.9	14	CRETE
	24	21	56	56.4%	60.809	N	5.053	E	10	G			0.2	5	SOUTHERN NORWAY. MD 1.6 (BER).
	25	01	08	42.2*	32.758	S	71.461	W	33	N			1.0	14	NEAR COAST OF CENTRAL CHILE
	25	01	10	36.7	5.416	N	78.316	W	10	G	4.8	3.4	1.2	30	SOUTH OF PANAMA
	25	02	45	26.5?	7.70	S	130.13	E	193	?	3.9		0.6	9	TANIMBAR ISLANDS REGION
	25	03	45	19.5&	62.124	N	150.304	W	56					41	CENTRAL ALASKA. <AGS-P>.
	25	04	23	37.5	45.834	N	10.258	E	8				0.8	12	NORTHERN ITALY. ML 2.8 (KBA).
	25	05	00	48.3	38.414	N	25.174	E	28		4.5	4.1	1.1	94	AEGEAN SEA. ML 4.7 (ATH), 4.3 (THE). Felt in eastern Greece.
	25	05	21	39.6?	33.95	S	71.71	W	33	N			1.3	8	NEAR COAST OF CENTRAL CHILE
	25	05	23	34.5%	45.566	N	10.176	E	10	G			0.4	10	NORTHERN ITALY. ML 2.9 (LDG).
	25	06	30	50.3*	34.936	N	73.602	E	33	N	3.9		1.5	6	PAKISTAN

	25	07	11	02.9?	36.43	N	140.50	E	33	N			0.6	6	NEAR EAST COAST OF HONSHU, JAPAN
	25	07	23	48.6?	38.23	N	25.26	E	10	G			0.7	4	AEGEAN SEA. ML 3.2 (ATH).
	25	08	15	41.9%	44.975	N	28.264	E	10	G			1.1	5	ROMANIA
	25	09	26	25.4%	59.773	N	5.551	E	10	G			0.4	5	SOUTHERN NORWAY. MD 1.8 (BER).
	25	09	31	20.7	42.536	N	24.338	E	10	G			1.4	9	BULGARIA
	25	10	02	07.8%	40.890	N	28.728	E	10	G			0.5	8	TURKEY
	25	11	34	09.5%	60.305	N	5.395	E	10	G			0.2	6	SOUTHERN NORWAY. MD 1.3 (BER).
	25	11	37	27.6?	51.69	N	16.35	E	10	G			0.5	9	POLAND. ML 3.7 (VKA), 3.5 (KBA).
	25	11	44	01.0?	38.28	N	25.20	E	10	G			0.3	4	AEGEAN SEA. ML 3.2 (ATH).
	25	12	00	55.9*	38.375	N	25.195	E	10	G			0.9	5	AEGEAN SEA. ML 3.1 (ATH).
	25	12	09	51.6*	38.375	N	25.123	E	10	G			1.3	5	AEGEAN SEA. ML 3.3 (ATH).
	25	12	24	18.2%	38.792	N	31.169	E	10	G			1.0	8	TURKEY
	25	13	05	24.3%	60.712	N	5.476	E	10	G			0.1	5	SOUTHERN NORWAY. MD 1.9 (BER).
	25	14	34	39.5	31.330	S	69.140	W	122		4.7		1.0	25	SAN JUAN PROVINCE, ARGENTINA. Felt (III) at San Juan.
a	25	16	12	35.3	40.115	N	77.309	E	33	N	5.2	4.9	1.1	152	KIRGHIZ-XINJIANG BORDER REGION
a	25	16	47	49.5	17.254	S	174.089	W	131	D	5.4		1.0	134	TONGA ISLANDS
	25	16	59	29.6	48.042	N	6.715	E	10	G			1.2	9	FRANCE. ML 2.6 (LDG).
	25	18	07	09.0	11.485	N	142.346	E	33	N	4.7		0.8	16	SOUTH OF MARIANA ISLANDS
	25	19	20	22.2*	21.134	S	173.405	E	33	N	4.5		1.3	18	VANUATU ISLANDS REGION
	25	20	32	49.1?	17.01	N	62.40	W	10	G			0.4	7	LEEWARD ISLANDS. ML 3.3 (PAG).
	25	20	44	43.3	9.205	S	158.510	E	51	*	4.4		1.0	19	SOLOMON ISLANDS
	25	21	04	28.0*	41.209	N	7.094	W	10	G			1.4	8	PORTUGAL. MG 3.5 (PRL). Felt at Torre de Moncorvo.
	25	21	29	20.5%	38.781	N	31.103	E	10	G			1.0	8	TURKEY
	25	23	11	25.8*	36.448	N	71.255	E	33	N	4.7		1.6	15	AFGHANISTAN-USSR BORDER REGION
	25	23	57	42.3	63.090	N	150.537	W	133	?			0.4	18	CENTRAL ALASKA
	26	00	12	00.0	37.251	N	3.697	W	17				1.1	32	SPAIN. MG 4.2 (MDD). Minar damage (V) at Granado. Felt (V) at Atarfe, Pinos Puente, Santafe and Albalote.
a	26	00	25	59.6	22.839	N	94.523	E	115	D	4.9		0.8	124	BURMA. Felt at Shillong, India.
	26	00	41	41.6*	30.665	N	113.809	W	10	G	4.3		1.0	9	GULF OF CALIFORNIA
	26	01	22	47.2%	45.735	N	2.954	E	10	G			0.4	11	FRANCE. ML 2.6 (LDG).
	26	01	30	13.9*	44.544	N	113.012	W	5	G			0.5	6	EASTERN IDAHO. ML 2.6 (NEIS).
	26	02	35	59.7?	19.17	N	64.09	W	33	N			0.2	5	VIRGIN ISLANDS
	26	03	33	23.5%	60.307	N	4.591	E	10	G			0.7	6	SOUTHERN NORWAY. MD 1.3 (BER).
	26	03	51	26.7&	57.954	N	151.473	W	109		3.9			43	KODIAK ISLAND REGION. <AGS-P>.
	26	04	46	29.5?	38.42	N	25.12	E	10	G			1.7	4	AEGEAN SEA
	26	05	35	28.9	37.264	N	72.090	E	131	?	4.5		0.5	21	TAJIK SSR
	26	06	17	55.4	24.051	S	69.481	W	113	D	4.4		1.5	23	NORTHERN CHILE
a	26	07	35	16.1	32.128	N	76.374	E	33	N	5.5	5.3	1.0	172	KASHMIR-INDIA BORDER REGION. Six people killed, about 30 injured and 85 percent of the houses damaged in the Dharmsala, India area. Felt at Lahore, Pakistan.
	26	08	47	15.9?	13.81	N	59.93	W	10	G			0.1	5	WINDWARD ISLANDS. ML 2.4 (FDF).
	26	09	22	44.2*	10.911	N	86.474	W	53	*	4.5		1.0	30	OFF COAST OF COSTA RICA
	26	09	52	42.7?	7.44	S	128.52	E	190	?	4.7		1.5	11	BANDA SEA
	26	10	39	01.5	40.517	N	22.632	E	9				1.3	26	GREECE. ML 4.3 (ATH), 3.4 (THE).
	26	10	51	03.5&	31.816	N	116.064	W	8	G				3	BAJA CALIFORNIA. <ECX-P>.
	26	12	13	34.0*	66.179	N	150.157	W	10	G			0.6	8	ALASKA. ML 3.7 (PMR).
	26	12	13	51.8*	8.365	S	129.589	E	33	N	4.4		1.5	6	TIMOR SEA
	26	13	57	18.8%	39.257	N	27.653	E	10	G			0.2	5	TURKEY
a	26	14	15	07.6	36.495	N	71.114	E	187	D	5.6		0.9	291	AFGHANISTAN-USSR BORDER REGION. Felt (V) at Kharog, (IV) at Dushanbe, Kulyab and Rogun, (III) at Dzhizak and Samarkand, and (II) at Namangon and Tashkent, USSR. Felt in the areas of Abbottabad, Islamabad, Lahore and Rawalpindi, Pakistan. Also felt in northwestern India.
	26	15	57	49.6%	45.749	N	2.969	E	10	G			0.4	11	FRANCE. ML 2.2 (LDG).
	26	17	01	56.6?	22.15	S	139.12	W	0	G	4.8		0.5	15	TUAMOTU ARCHIPELAGO REGION
	26	17	12	24.1	50.506	N	129.814	W	10	G	4.4	4.4	1.2	49	VANCOUVER ISLAND REGION
	26	17	19	46.5	20.811	N	155.749	W	33	N	5.1		0.7	122	HAWAII. ML 5.0 (HVO). Felt (V) at Kalaupapa on Molokai and also at Papaaloa on Hawaii. Felt (IV) at several other localities on Hawaii. Also felt (IV) on Maui, Lanai, Oahu and Kauai.
	26	19	52	14 9	38.414	N	25.173	E	9		4.2		1.0	36	AEGEAN SEA. ML 4.2 (ATH), 4.0 (THE).
	26	20	00	06.8*	19.732	N	109.401	W	10	G	4.6		1.0	18	REVILLA GIGEDO ISLANDS REGION
	26	20	23	35 5	38 404	N	25.189	E	10		4.3		0.8	42	AEGEAN SEA. ML 3.9 (ATH), 3.9 (THE).
	26	20	44	26.1*	31.887	S	68.639	W	33	N			1.5	12	SAN JUAN PROVINCE, ARGENTINA
	26	20	57	48.3%	45.715	N	3 034	E	10	G			0.3	7	FRANCE. ML 1.8 (LDG).
	26	21	03	38.3*	38.178	N	25.268	E	33	N			0.8	5	AEGEAN SEA. ML 3.0 (ATH).
	26	21	07	02 0*	40.835	N	20.819	E	10	G			1.0	5	GREECE-ALBANIA BORDER REGION
	26	21	17	11.8?	6.07	S	101.88	E	33	N	4.5		1.2	9	SOUTHWEST OF SUMATERA
	26	22	25	59.1	38.468	N	25 107	E	10	G	3.2		1.2	15	AEGEAN SEA. ML 3.6 (ATH).
	26	23	30	36.3*	20 637	N	73.431	E	33	N			1.3	8	INDIA
	26	23	49	20.0*	31 342	S	13.516	W	10	G	4.7	5.0	1.2	19	SOUTH ATLANTIC RIDGE
	26	23	59	45.7&	59.997	N	151.708	W	49					30	KENAI PENINSULA, ALASKA. <AGS-P>.
	27	00	04	33.7	45.497	N	26.970	E	41		4.8		1.2	174	ROMANIA
	27	00	24	12.8*	33.969	S	70.947	W	33	N			0.9	7	CHILE-ARGENTINA BORDER REGION
	27	00	29	59.5	45.500	N	27.082	E	51	*	3.5		1.3	32	ROMANIA
	27	02	20	28.5*	5.266	N	125.503	E	199	*	4.8		1.1	24	MINDANAO, PHILIPPINE ISLANDS
	27	03	10	25.3	0.119	S	122.973	E	162	D	5.0		1.3	68	MINAHASSA PENINSULA
a	27	03	24	06.2	31.140	S	13.482	W	10	G	5.7	5.7	0.9	194	SOUTH ATLANTIC RIDGE
	27	05	17	29.7?	2.62	S	139.98	E	33	N	3.8		1.6	7	NEAR N. COAST OF WEST IRIAN
	27	06	04	23.6%	45.574	N	27.061	E	33	N			1.2	5	ROMANIA
	27	06	08	31.8&	60.393	N	152.162	W	85					26	SOUTHERN ALASKA. <AGS-P>.
	27	06	52	40.5*	2.354	S	139.192	E	33	N	4.0		1.2	15	NEAR N. COAST OF WEST IRIAN
	27	07	53	15.5?	61.00	N	7.38	E	10	G			1.3	5	SOUTHERN NORWAY. MD 1.5 (BER).
	27	07	56	22.3?	35.99	N	70.82	E	33	N	4.6		0.7	6	HINDU KUSH REGION
	27	08	19	19.8*	36.351	N	70.476	E	230	?	4.4		0.6	16	HINDU KUSH REGION
	27	08	25	01.8*	31.587	S	67.955	W	13				1.0	11	SAN JUAN PROVINCE, ARGENTINA
a	27	09	23	44.5	17.950	S	178.386	W	572		5.4		0.9	178	FIJI ISLANDS REGION
	27	09	27	02.8	34.648	N	23.301	E	10	G	4.8	4.2	1.1	150	CRETE
a	27	09	46	28.5	6.841	S	154.528	E	35		5.4	4.9	0.9	96	SOLOMON ISLANDS
	27	10	21	19.3%	40.880	N	28.724	E	10	G			0.6	6	TURKEY
	27	10	50	39.8%	45.324	N	26.433	E	10	G			1.2	6	ROMANIA
	27	10	55	41.2&	59.723	N	152.918	W	96		4.0			49	SOUTHERN ALASKA. <AGS-P>. Felt at Homer.
	27	11	23	13.0%	40.882	N	28.724	E	10	G			0.5	6	TURKEY

	27	12	01	14.5%	45.714	N	2.980	E	10	G		0.4	6	FRANCE. ML 1.9 (LDG).
	27	12	30	53.3*	28.159	N	140.604	E	33	N	4.9	1.0	8	BONIN ISLANDS REGION
	27	13	35	27.9&	62.182	N	150.250	W	65				31	CENTRAL ALASKA. <AGS-P>.
	27	14	42	22.8?	32.84	S	71.41	W	20	*		1.1	10	NEAR COAST OF CENTRAL CHILE
	27	16	09	11.8*	37.610	N	23.052	E	78	?		0.8	8	SOUTHERN GREECE
	27	16	14	29.1	30.518	N	113.885	W	10	G	5.0	1.0	71	GULF OF CALIFORNIA
	27	16	45	46.4%	45.595	N	27.042	E	33	N		1.0	5	ROMANIA
	27	16	50	37.6%	61.413	N	2.290	E	10	G		0.9	5	NORWEGIAN SEA. MD 1.8 (BER).
	27	17	09	40.6*	40.008	N	77.637	E	33	N	4.8	1.4	10	KIRGHIZ-XINJIANG BORDER REGION
	27	18	27	32.6	48.018	N	6.672	E	10	G		1.0	9	FRANCE. ML 2.6 (LDG).
	27	19	27	11.1?	45.56	N	27.08	E	27	?		0.8	5	ROMANIA
	27	19	59	14.4%	45.286	N	26.549	E	10	G		1.6	6	ROMANIA
	27	19	59	54.8?	43.04	N	25.52	E	10	G		0.7	5	BULGARIA
	27	20	18	26.7%	45.337	N	26.463	E	10	G		1.2	6	ROMANIA
	27	20	30	41.5*	1.067	S	127.551	E	46	?	4.8	1.4	11	HALMAHERA
	27	20	43	00.4*	21.168	S	69.048	W	150	*		0.2	6	NORTHERN CHILE
	27	20	49	40.1?	15.79	N	61.09	W	33	N		0.4	5	LEEWARD ISLANDS. ML 2.1 (FDF).
	27	21	45	54.6*	35.949	S	178.105	E	215	*	5.0	1.4	30	OFF E. COAST OF N. ISLAND, N.Z.
	27	22	00	31.2	52.775	N	168.593	W	33	N	4.8	0.8	98	FOX ISLANDS, ALEUTIAN ISLANDS
	27	22	15	58.1%	48.041	N	6.694	E	10	G		0.5	5	FRANCE. ML 2.1 (LDG).
	27	22	46	05.1	9.186	S	110.925	E	33	N	4.6	1.0	13	SOUTH OF JAVA
	27	23	36	11.1	5.197	S	144.964	E	84		4.9	0.9	29	PAPUA NEW GUINEA
	27	23	57	45.2?	30.39	N	141.06	E	155	*	4.4	0.4	12	SOUTH OF HONSHU, JAPAN
	28	00	22	22.4&	63.080	N	149.866	W	161				16	CENTRAL ALASKA. <AGS-P>.
	28	00	46	46.9%	45.339	N	26.444	E	10	G		1.4	5	ROMANIA
	28	02	29	32.1?	33.71	S	70.43	W	90	?		0.1	9	CHILE-ARGENTINA BORDER REGION
	28	02	49	00.0	30.180	S	71.102	W	130	*		0.9	18	NEAR COAST OF CENTRAL CHILE
	28	03	12	52.2%	45.425	N	27.047	E	10	G		1.4	6	ROMANIA
	28	03	47	34.8	16.560	N	120.857	E	9		5.1	1.4	50	LUZON, PHILIPPINE ISLANDS. Felt (IV) at Baguio. Also felt at Dagupon.
	28	03	56	49.8%	45.642	N	27.295	E	10	G		1.1	6	ROMANIA
	28	04	08	55.8*	48.338	N	146.468	E	459	?	4.4	0.6	25	SEA OF OKHOTSK
	28	04	09	46.3*	17.529	S	178.236	W	443		4.7	0.9	34	FIJI ISLANDS REGION
	28	04	39	48.1%	59.854	N	5.853	E	10	G		0.4	5	SOUTHERN NORWAY. MD 1.7 (BER).
	28	06	31	18.0*	0.250	N	124.647	E	83	?	4.9	1.4	10	MINAHASSA PENINSULA
	28	07	05	15.9*	31.779	N	130.796	E	21	*		0.7	6	KYUSHU, JAPAN
	28	07	20	25.5?	29.52	S	177.32	W	33	N	4.8	0.9	9	KERMADEC ISLANDS
	28	07	32	56.1&	61.498	N	149.893	W	59				37	SOUTHERN ALASKA. <AGS-P>. Felt (III) at Anchorage and (II) at Palmer.
	28	08	22	36.3	17.232	N	95.163	W	113		4.5	1.0	32	OAXACA, MEXICO. Felt in central Oaxoco.
	28	08	36	12.2*	31.555	N	130.739	E	33	N		1.2	7	KYUSHU, JAPAN
	28	09	08	23.3	38.495	N	25.162	E	16			1.1	19	AEGEAN SEA. ML 3.8 (ATH), 3.6 (THE).
	28	09	08	27.0	66.712	N	9.405	E	10	G		1.0	16	NORWEGIAN SEA
	28	10	12	11.1%	60.723	N	5.568	E	10	G		0.7	6	SOUTHERN NORWAY. MD 1.9 (BER).
	28	10	27	59.0*	7.226	S	129.592	E	128	?		1.2	11	BANDA SEA
	28	10	45	59.2?	17.63	S	178.89	W	612	?	4.7	0.7	18	FIJI ISLANDS REGION
	28	11	23	13.0%	40.880	N	28.721	E	10	G		0.6	5	TURKEY
	28	12	28	13.5	8.363	S	122.057	E	68	*	5.1	1.2	39	FLORES ISLAND REGION
	28	12	51	08.3*	44.573	N	114.879	W	5	G		1.4	6	WESTERN IDAHO. ML 2.5 (NEIS).
	28	13	00	16.0&	34.009	N	106.821	W	5	G			2	NEW MEXICO. <GLD>. MD 2.6 (GLD). Felt at Lewis Lopez.
	28	13	27	52.3?	20.71	N	73.37	E	33	N		1.9	5	INDIA
	28	13	32	24.9	40.754	N	139.185	E	33	N	4.7	0.6	13	NEAR WEST COAST OF HONSHU, JAPAN
	28	13	43	12.0	15.017	S	75.501	W	57	*	4.8 4.1	1.1	31	NEAR COAST OF PERU
	28	14	13	40.7?	38 31	N	25.17	E	10	G		0.2	4	AEGEAN SEA. ML 2.9 (ATH).
	28	14	57	43.6	38 471	N	25.115	E	10	G	3.6	1.0	20	AEGEAN SEA. ML 3.7 (ATH), 3.5 (THE).
	28	15	09	13.6*	36 021	N	137.462	E	10	G		0.7	7	HONSHU, JAPAN
	28	15	52	54.1%	60 161	N	4.886	E	10	G		0.1	6	SOUTHERN NORWAY. MD 2.3 (BER).
	28	15	54	37 9*	13 489	S	167.064	E	33	N	5.2	1.3	31	VANUATU ISLANDS
	28	16	05	46 6*	9 195	S	30.403	E	10	G	4.4	1.3	7	LAKE TANGANYIKA REGION
	28	17	33	47 8&	37 478	N	121.693	W	7				18	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK). Mo=6.4*10**21 (BRK). Felt at Fremont and Pleasanton.
	28	17	38	11.5*	58 550	S	26.063	W	33	N	5.1	0.9	12	SOUTH SANDWICH ISLANDS REGION
	28	17	47	46 1	50 536	N	5 548	E	10	G		0.4	5	BELGIUM
	28	18	04	06.8?	25 44	N	120.13	E	33	N	4 3	1.1	6	TAIWAN REGION
	28	18	09	57 4	8 667	S	38 949	E	10	G	5 0	1.1	26	TANZANIA
	28	18	31	26 2%	45 609	N	27.178	E	10	G		1.4	5	ROMANIA
a	28	19	20	22 4	6 193	N	125.884	E	92		5.4	1.0	96	MINDANAO, PHILIPPINE ISLANDS
	28	20	25	23 9	38 423	N	25.066	E	10	G	3.2	1.0	14	AEGEAN SEA ML 3.3 (ATH).
	28	20	32	56 5	38.393	N	25.154	E	10	G	3 7	0.9	23	AEGEAN SEA. ML 3.8 (ATH), 3.8 (THE).
	28	20	42	58.3%	39 215	N	28.139	E	10	G		1.1	7	TURKEY
	28	20	53	04 4*	1 627	N	126.667	E	33	N	4.4	1.1	9	MOLUCCA PASSAGE
	28	21	14	40.4%	16 510	N	61.326	W	28			0.5	11	LEEWARD ISLANDS. ML 3.2 (FDF).
	28	22	18	40.6&	36.815	N	121.258	W	8				28	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK). Felt (IV) at Paicines and Tres Pinos.
	29	00	03	46.1	44.889	N	9.488	E	10	G		0.6	12	NORTHERN ITALY. ML 2.9 (LDG).
	29	00	57	02.3	14.945	S	167.012	E	100	*	5.1	1.3	61	VANUATU ISLANDS
	29	01	06	48.6*	22.604	S	66.220	W	265	*	3.7	1.4	7	JUJUY PROVINCE, ARGENTINA
	29	02	46	09.6?	0.26	S	16.14	W	10	G	4.6	1.1	7	NORTH OF ASCENSION ISLAND
	29	03	41	17.3*	52.712	N	160.335	E	33	N	4.9	1.1	26	OFF EAST COAST OF KAMCHATKA
	29	04	09	53.0%	15.689	N	60.844	W	30			0.4	10	LEEWARD ISLANDS. ML 2.7 (FDF).
	29	04	32	08.2	33.704	S	72.198	W	33	N		0.5	10	OFF COAST OF CENTRAL CHILE
	29	05	08	56.7*	1.753	N	99.465	E	189		4.5	0.6	8	NORTHERN SUMATERA
	29	06	13	19.1	43.681	N	16.456	E	10	G		1.2	58	YUGOSLAVIA. ML 4.2 (KBA). MD 4.1 (TRI), 4.1 (TTG). Felt at Sinj and Split.
a	29	07	28	02.4	4.550	S	133.613	E	10	G	5.4 4.9	1.1	71	WEST IRIAN REGION
	29	07	33	59.7?	26.02	N	124.34	E	221	?	4.3	0.6	11	NORTHEAST OF TAIWAN
	29	07	55	44.3	41.047	N	108.928	W	5	G		0.4	6	WYOMING. ML 2.5 (NEIS).
a	29	08	17	58.7	30.766	N	141.508	E	38		5.1 5.2	1.1	89	SOUTH OF HONSHU, JAPAN
	29	08	40	18.6%	38.746	N	27.955	E	33	N		0.2	5	TURKEY
	29	09	22	46.9%	16.917	N	62.031	W	10	G		0.1	7	LEEWARD ISLANDS. ML 3.3 (PAG).
	29	09	59	13.0%	45.529	N	27.173	E	10	G		0.9	7	ROMANIA
	29	09	59	41.1?	16.98	N	62.16	W	10	G		0.3	5	LEEWARD ISLANDS. ML 2.9 (PAG).
	29	10	00	13.5%	45.563	N	27.180	E	10	G		0.7	7	ROMANIA

	29	10	16	55.0%	39.852	N	29.366	E	10	G			0.9	5	TURKEY
	29	10	23	32.2%	45.582	N	27.163	E	10	G			1.1	5	ROMANIA
	29	10	33	04.4&	60.307	N	143.184	W	25					21	SOUTHERN ALASKA. <AGS-P>.
	29	13	32	28.2?	11.18	S	164.27	E	33	N	4.3		1.7	5	SANTA CRUZ ISLANDS REGION
	29	13	45	58.7?	15.40	S	164.86	E	33	N	3.9		1.1	5	VANUATU ISLANDS REGION
a	29	13	59	21.0	4.415	N	94.962	E	39	D	5.2	4.9	1.0	130	OFF W COAST OF NORTHERN SUMATERA
	29	14	37	59.3?	30.27	N	51.67	E	33	N	3.8		1.4	6	IRAN
	29	14	40	15.1*	6.505	S	149.220	E	55	*	4.5		0.8	10	NEW BRITAIN REGION
	29	15	17	51.9	18.774	S	174.579	W	176	D	4.8		1.1	66	TONGA ISLANDS
	29	15	23	10.6*	31.400	N	88.331	E	33	N	4.6		1.6	10	TIBET
	29	15	30	07.6*	64.738	N	153.171	W	33	N			0.6	6	CENTRAL ALASKA. ML 3.6 (PMR).
	29	16	38	36.1%	60.337	N	4.874	E	10	G			0.4	5	SOUTHERN NORWAY. MD 1.2 (BER).
	29	16	42	14.1	38.398	N	25.044	E	10	G			0.9	11	AEGEAN SEA
	29	16	59	16.2*	24.952	N	124.596	E	33	N	4.1		0.9	5	SOUTHWESTERN RYUKYU ISLANDS. Felt (I JMA) on Miyoko-jimo.
	29	19	30	09.4	16.473	N	120.840	E	10	G	4.0		0.7	9	LUZON, PHILIPPINE ISLANDS
	29	20	40	39.5?	61.13	N	7.49	E	10	G			0.3	5	SOUTHERN NORWAY. MD 1.7 (BER).
	29	22	03	35.8?	43.79	N	16.85	E	10	G			1.7	5	YUGOSLAVIA. MG 3.3 (VOY). Felt (IV) at Sinj.
	29	22	07	55.2	38.056	N	49.036	E	33	N	4.7		1.2	38	CASPIAN SEA. Felt (IV) at Lenkoran and (III) at Masally and Lerik, USSR. Felt at Astara, Iran.
	29	22	50	13.6	37.205	N	27.575	E	10	G	3.8		0.6	14	TURKEY
	29	23	12	21.6*	24.215	N	122.161	E	33	N	4.1		0.6	8	TAIWAN REGION
	29	23	17	56.8	40.804	N	27.876	E	10	G			0.9	11	TURKEY
	29	23	35	41.6	38.106	N	49.075	E	33	N	4.3		0.9	12	CASPIAN SEA
	29	23	51	10.3%	40.847	N	27.927	E	10	G			1.2	6	TURKEY
	29	23	57	18.7&	35.165	N	96.003	W	5	G				3	OKLAHOMA. <TUL>. MD 1.6 (TUL).
	30	00	54	38.4*	5.480	S	131.653	E	52	*	5.0		0.8	13	BANDA SEA
	30	01	22	35.5?	19.42	S	169.02	E	171	?	4.6		0.6	7	VANUATU ISLANDS
	30	01	29	23.0*	28.074	N	140.135	E	33	N	4.6		1.6	9	BONIN ISLANDS REGION
	30	01	51	26.2&	58.496	N	154.817	W	20					18	ALASKA PENINSULA. <AGS-P>.
	30	01	59	28.4?	50.39	N	20.01	E	10	G			1.5	5	POLAND
	30	02	16	12.8	4.439	N	95.017	E	49		4.9		0.7	77	NORTHERN SUMATERA
	30	03	36	10.7&	34.931	N	97.360	W	5	G				7	OKLAHOMA. <TUL>. MD 2.2 (TUL).
	30	04	24	48.8	35.372	N	131.519	E	33		5.1		0.8	131	SEA OF JAPAN. Felt (II JMA) at Hamada, Hiroshima, Matsue and Shimonoseki, Honshu and Fukuoka, Kyushu. Felt (I JMA) at Okoyama, Honshu; Izukora, Kyushu and Kochi, Shikoku.
	30	04	27	47.8	18.175	N	145.506	E	238	*	4.9		0.9	21	MARIANA ISLANDS
	30	04	28	15.0*	46.457	N	13.036	E	10	G			1.4	5	AUSTRIA. ML 2.0 (KBA).
	30	05	13	59.3*	36.375	N	71.391	E	33	N			1.1	9	AFGHANISTAN-USSR BORDER REGION
	30	05	29	25.1*	31.579	S	68.785	W	117	?			1.2	11	SAN JUAN PROVINCE, ARGENTINA
	30	06	52	29.7%	38.753	N	26.985	E	10	G			0.8	5	AEGEAN SEA
f	30	07	07	18.1	18.404	N	102.973	W	27	G	6.2	7.0	1.2	334	MICHOACAN, MEXICO. Ms 6.9 (BRK), 6.8 (PAS). Some minor domage (V) in the Mexico City oreo. Slight damage at Ciudad Guzmon and Guadalajara. Felt strongly in central and southwestern Mexico. Depth from broadband displacement seismograms.
	30	08	09	01.0	18.368	N	103.018	W	33	N	4.9		1.2	73	NEAR COAST OF MICHOACAN, MEXICO. Felt at Mexico City.
	30	08	12	54.2*	18.404	N	102.863	W	33	N	4.9		1.2	58	MICHOACAN, MEXICO. Felt at Mexico City.
	30	09	03	12.5*	13.167	S	167.063	E	33	N			0.8	7	VANUATU ISLANDS
	30	10	18	47.3?	59.31	N	6.88	E	10	G			1.0	6	SOUTHERN NORWAY. MD 2.3 (BER).
	30	10	47	28.2%	60.370	N	5.290	E	10	G			0.7	6	SOUTHERN NORWAY. MD 1.3 (BER).
	30	11	03	01.5?	8.98	S	114.99	E	161	?	3.7		1.3	7	BALI ISLAND REGION
	30	11	33	23.0*	27.833	S	66.393	W	33	N			0.5	5	CATAMARCA PROVINCE, ARGENTINA
a	30	14	09	39.8	18.036	S	69.453	W	106	D	5.5		0.9	193	NORTHERN CHILE. Felt (V) at Arica. Felt (V) at Tocno, (III) at Arequipo and (II) at Cuzco, Peru. Felt (II) at La Paz, Bolivia.
	30	16	35	00.7?	34.71	S	178.94	W	33	N	4.1		1.6	8	SOUTH OF KERMADEC ISLANDS
	30	17	22	24.9*	6.802	S	154.633	E	33	*	4.2		0.8	12	SOLOMON ISLANDS
a	30	17	47	52.6	47.237	S	100.101	E	10	G	5.3	5.6	1.3	43	SOUTHEAST INDIAN RISE
	30	18	12	51.3*	36.97?	N	71.223	E	33	N	4.5		0.4	6	AFGHANISTAN-USSR BORDER REGION
	30	18	19	34.6?	27 46	N	53.05	E	33	N	4.2		1.3	6	SOUTHERN IRAN
	30	19	27	02.1	41.025	N	19.655	E	10	G			1.0	16	ALBANIA
	30	21	14	55.9	15.755	N	60.475	W	10	G			0.4	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	30	22	07	21.7?	38.59	S	75.00	W	33	N		3.3	0.3	11	OFF COAST OF CENTRAL CHILE
	30	22	37	30.6&	40.765	N	124.538	W	18		3.5			14	NEAR COAST OF NORTHERN CALIF. <BRK> ML 3.8 (BRK). Felt (III) at Somoa. Also felt at Eureka.
	30	23	04	59.6	35.430	N	30.899	E	44		4.4		0.8	28	EASTERN MEDITERRANEAN SEA
a	30	23	14	43.7	28.699	N	130 050	E	44		5.5	5.5	0.9	224	RYUKYU ISLANDS. Felt (III JMA) at Naze and (I JMA) at Kagoshima.
	30	23	37	05.0%	40.579	N	27.133	E	10	G			0.7	7	TURKEY

ADDITIONAL SOURCE PARAMETERS

01 10 13 40.74 18.037S 178.537W 540km
5.8mb (52 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=170 Dip=70 Slip= -90
NP2: 350 20 -90
Principal Axes:
T Plg=25 Azm=260
P 65 80
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 551 No. of sta: 10
Principal Axes:
Scale 10**25 d-cm
T Val= 1.08 Plg=21 Azm=268
N 0.00 19 171
P -1.08 61 42
Best Double Couple:Mo=1.1*10**25
NP1:Strike= 29 Dip=29 Slip= -48
NP2: 163 69 -111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Location:
Origin Time 10:13:49.0 0.2
Lat 17.87S 0.02 Lon 178.57W 0.02
Dep 562.4 1.1 Half-duration 3.7
Principal Axes:
Scale 10**24 D-CM
T Val= 9.99 Plg=23 Azm=244
N 0.79 13 340
P -10.78 63 97
Best Double Couple:Mo=1.0*10**25
NP1:Strike=309 Dip=25 Slip=-124
NP2: 165 70 -76

01 13 40 45.19 54.653N 161.580E 35km
5.7mb (98 obs.) 5.1Msz (15 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 31C
Centroid Location:
Origin Time 13:40:51.8 0.2
Lat 54.46N 0.03 Lon 161.94E 0.04
Dep 46.6 1.8 Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 3.16 Plg=76 Azm=323
N 0.01 5 211
P -3.16 13 120
Best Double Couple:Mo=3.2*10**24
NP1:Strike=203 Dip=32 Slip= 80
NP2: 35 58 96

02 08 46 40.14 62.796N 25.212W 10km
5.0mb (55 obs.) 5.0Msz (6 obs.)
ICELAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 08:46:46.9 0.6
Lat 61.77N 0.13 Lon 25.85W 0.17
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 10.30 Plg= 1 Azm=129
N -1.91 13 219
P -8.39 77 34
Best Double Couple:Mo=9.4*10**23
NP1:Strike=206 Dip=45 Slip=-109
NP2: 52 48 -72

02 17 49 46.97 62.630N 25.337W 10km
5.1mb (62 obs.) 4.8Msz (5 obs.)
ICELAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 14C
Centroid Location:
Origin Time 17:49:50.1 0.6
Lat 62.48N 0.14 Lon 24.80W 0.24
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 10.38 Plg=13 Azm=316
N 0.51 7 224
P -10.89 76 107
Best Double Couple:Mo=1.1*10**24
NP1:Strike= 55 Dip=33 Slip= -77
NP2: 220 58 -98

03 07 39 54.50 6.361S 151.678E 33km
5.6mb (25 obs.) 4.9Msz (3 obs.)
NEW BRITAIN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 07:39:57.1 0.8
Lat 6.46S 0.05 Lon 151.98E 0.09
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.33 Plg=69 Azm=241
N -0.12 21 73
P -1.20 4 342
Best Double Couple:Mo=1.3*10**24
NP1:Strike= 51 Dip=45 Slip= 60
NP2: 270 53 116

05 02 29 14.39 6.869S 155.786E 73km
5.3mb (30 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 02:29:18.9 0.5
Lat 7.10S 0.07 Lon 155.67E 0.07
Dep 67.0 5.2 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.19 Plg=70 Azm=144
N -0.11 19 309
P -9.08 5 40
Best Double Couple:Mo=9.1*10**23
NP1:Strike=150 Dip=44 Slip= 118
NP2: 294 53 66

05 20 14 28.70 13.410S 71.785W 51km
5.3mb (19 obs.) 4.6Msz (2 obs.)
PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 20:14:25.9 0.4
Lat 13.73S 0.05 Lon 71.78W 0.06
Dep 36.3 4.7 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.93 Plg=15 Azm= 14
N -0.54 13 280
P -7.40 70 152
Best Double Couple:Mo=7.7*10**23
NP1:Strike=121 Dip=32 Slip= -65
NP2: 273 61 -104

05 22 59 10.28 44.453N 147.896E 88km
5.3mb (73 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 17C
Centroid Location:
Origin Time 22:59:13.5 1.4
Lat 43.99N 0.15 Lon 147.88E 0.22
Dep 83.013.0 Half-duration 1.2
Principal Axes:
Scale 10**23 D-CM
T Val= 2.47 Plg= 0 Azm=150
N 1.12 63 60
P -3.59 27 240
Best Double Couple:Mo=3.0*10**23
NP1:Strike=281 Dip=71 Slip= -20
NP2: 18 71 -160

07 22 43 29.60 15.540N 94.423W 48km
5.8mb (70 obs.) 5.2Msz (8 obs.)
NEAR COAST OF OAXACA, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=330 Dip=80 Slip= -90
NP2: 150 10 -90
Principal Axes:
T Plg=35 Azm= 60
P 55 240
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 59 No. of sta: 9
Principal Axes:
Scale 10**24 d-cm
T Val= 2.21 Plg=36 Azm= 36
N 0.05 21 142
P -2.26 47 256
Best Double Couple:Mo=2.2*10**24
NP1:Strike= 69 Dip=22 Slip=-165
NP2: 324 84 -68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 22:43:26.4 0.3
Lat 15.22N 0.06 Lon 94.61W 0.05
Dep 53.2 3.5 Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 2.77 Plg=23 Azm= 57
N -0.51 9 151
P -2.26 65 261
Best Double Couple:Mo=2.5*10**24
NP1:Strike=130 Dip=23 Slip=-112
NP2: 335 68 -81

08 18 02 44.69 7.946S 73.860W 173km
5.8mb (79 obs.)
PERU-BRAZIL BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=320 Dip=65 Slip= -60
NP2: 86 38 -137
Principal Axes:
T Plg=15 Azm= 29
P 59 273
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate left-lateral strike-slip component. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 164 No. of sta: 7
Principal Axes:
Scale 10**24 d-cm
T Val= 3.52 Plg=18 Azm= 60
N -0.13 17 156
P -3.39 65 286
Best Double Couple:Mo=3.5*10**24
NP1:Strike=125 Dip=30 Slip=-125
NP2: 344 66 -71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 13S, 29C
Centroid Location:
Origin Time 18:02:52.5 0.3
Lat 7.76S 0.03 Lon 73.82W 0.04
Dep 179.0 1.3 Half-duration 2.4
Principal Axes.
Scale 10**24 D-CM
T Val= 3.48 Plg=20 Azm= 98
N 0.03 10 4
P -3.51 67 248
Best Double Couple:Mo=3.5*10**24
NP1:Strike=206 Dip=27 Slip= -66
NP2: 359 66 -101

09 14 32 00.33 50.982N 173.376E 33km
5.4mb (57 obs.)
ALEUTIAN ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 18C
Centroid Location:
Origin Time 14:32: 1.5 0.4
Lat 51.05N 0.09 Lon 172.93E 0.10
Dep 15.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 5.63 Plg=16 Azm= 57
N 0.77 10 324
P -6.41 71 203

Best Double Couple:Mo=6.0*10**23
NP1:Strike=162 Dip=30 Slip= -69
NP2: 318 62 -101

09 18 10 54.49 23.015S 66.749W 216km
5.2mb (51 obs.)
JUJUY PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 18:11: 5.3 0.4
Lat 22.31S 0.07 Lon 66.36W 0.07
Dep 217.8 2.8 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 10.75 Plg=43 Azm= 68
N -0.12 2 336
P -10.63 47 243
Best Double Couple:Mo=1.1*10**24
NP1:Strike=197 Dip= 3 Slip= -48
NP2: 336 88 -92

09 22 10 14.25 55.984S 27.030W 40km
5.4mb (13 obs.) 5.1Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 30C
Centroid Location:
Origin Time 22:10:19.6 0.2
Lat 56.25S 0.05 Lon 27.09W 0.07
Dep 27.9 3.2 Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 6.08 Plg=45 Azm=183
N 0.59 34 51
P -6.67 26 302
Best Double Couple:Mo=6.4*10**24
NP1:Strike=344 Dip=36 Slip= 19
NP2: 239 79 125

10 02 21 10.57 0.948S 126.863E 13km
5.8mb (37 obs.) 5.9Msz (9 obs.)
MOLUCCA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=85 Slip= 30
NP2: 287 60 174
Principal Axes:
T Plg=24 Azm=248
P 17 150
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 13 No of sta: 6
Principal Axes:
Scale 10**25 d-cm
T Val= 2.14 Plg=40 Azm=141
N 0.00 28 25
P -2.14 38 271
Best Double Couple:Mo=2.1*10**25
NP1:Strike=298 Dip=28 Slip= 2
NP2: 206 89 118
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 24C
Centroid Location:
Origin Time 02:21:15.7 0.4
Lat 1.45S 0.05 Lon 126.76E 0.03
Dep 15.0 BDY Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM
T Val= 1.78 Plg=41 Azm=139
N 0.58 29 20
P -2.37 35 266
Best Double Couple:Mo=2.1*10**25
NP1:Strike=297 Dip=29 Slip= 6
NP2: 201 87 119

11 17 22 20.81 54.164N 187.883W 33km
5.3mb (59 obs.) 5.9Msz (21 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C
Centroid Location:
Origin Time 17:22:23.1 0.2
Lat 54.40N 0.03 Lon 168.17W 0.03
Dep 15.0 FIX Half-duration 3.7
Principal Axes:
Scale 10**25 D-CM
T Val= 1.09 Plg= 6 Azm=277
N 0.01 73 28
P -1.10 16 185
Best Double Couple:Mo=1.1*10**25
NP1:Strike=322 Dip=74 Slip=-173
NP2: 230 84 -16

12 04 04 31.76 15.421S 173.223W 33km
5.5mb (29 obs.) 5.1Msz (1 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 04:04:38.1 0.6
Lat 15.37S 0.09 Lon 172.87W 0.09
Dep 65.4 8.5 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.65 Plg=36 Azm=190
N 1.26 29 304
P -10.91 40 62
Best Double Couple:Mo=1.0*10**24
NP1:Strike=220 Dip=29 Slip=-175
NP2: 126 88 -61

12 20 20 46.36 15.175S 173.332W 33km
5.5mb (23 obs.) 5.6Msz (8 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C
Centroid Location:
Origin Time 20:20:52.2 0.3
Lat 15.12S 0.04 Lon 173.05W 0.03
Dep 44.2 3.2 Half-duration 2.7
Principal Axes:
Scale 10**24 D-CM
T Val= 4.27 Plg=39 Azm=200
N -0.44 13 99
P -3.83 48 354
Best Double Couple:Mo=4.1*10**24
NP1:Strike=350 Dip=14 Slip= -19
NP2: 98 86 -103

13 01 56 07.15 15.604S 173.168W 108km
5.2mb (22 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 01:56: 6.9 1.2
Lat 15.35S 0.14 Lon 173.00W 0.14
Dep 73.411.1 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.11 Plg=29 Azm=185
N 0.40 44 307
P -6.50 32 75
Best Double Couple:Mo=6.3*10**23
NP1:Strike=222 Dip=44 Slip=-177
NP2: 129 88 -46

13 03 00 20.79 17.213N 145.584E 299km
5.2mb (56 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 03:00:25.1 1.2
Lat 17.18N 0.09 Lon 145.57E 0.13
Dep 296.7 4.2 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.32 Plg=71 Azm=230
N -0.98 17 19
P -6.34 9 111
Best Double Couple:Mo=6.8*10**23
NP1:Strike=221 Dip=38 Slip= 117
NP2: 7 57 70

14 00 25 12.49 13.923S 166.831E 29km
6.0mb (56 obs.) 6.2Msz (29 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=55 Slip= 90
NP2: 355 35 90
Principal Axes:
T Plg=80 Azm= 85
P 10 265
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 13
Principal Axes:
Scale 10**25 d-cm
T Val= 5.76 Plg=70 Azm=135
N 0.03 17 348
P -5.79 10 255
Best Double Couple:Mo=5.8*10**25
NP1:Strike=325 Dip=38 Slip= 62
NP2: 179 57 110
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 33C M.W.: 4S, 9C
Centroid Location:
Origin Time 00:25:19.0 0.2
Lat 14.24S 0.03 Lon 166.74E 0.02
Dep 43.7 1.0 Half-duration 5.6
Principal Axes:
Scale 10**25 D-CM
T Val= 2.94 Plg=84 Azm=314
N 0.21 5 166
P -3.15 3 76
Best Double Couple:Mo=3.1*10**25
NP1:Strike=160 Dip=42 Slip= 82
NP2: 351 49 97

14 10 37 12.95 20.530S 177.701W 507km
5.3mb (43 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 21C
Centroid Location:
Origin Time 10:37:17.6 0.9
Lat 20.70S 0.08 Lon 177.61W 0.10
Dep 509.0 3.8 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.38 Plg=14 Azm= 0
N 0.11 19 95
P -1.48 66 236
Best Double Couple:Mo=1.4*10**24
NP1:Strike= 66 Dip=35 Slip=-124
NP2: 286 61 -68

14 10 52 48.81 4.865S 151.268E 216km
5.4mb (48 obs.)
NEW BRITAIN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 10:52:51.1 0.5
Lat 5.36S 0.05 Lon 151.29E 0.05
Dep 204.7 2.5 Half-duration 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 4.34 Plg=31 Azm= 44
N -0.98 50 268
P -3.36 22 148
Best Double Couple:Mo=3.9*10**24
NP1:Strike=189 Dip=50 Slip= 7
NP2: 94 84 140

14 14 52 10.58 57.724S 24.373W 11km
5.7mb (14 obs.) 6.3Msz (13 obs.)
SOUTH SANDWICH ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=88 Slip= 165
NP2: 46 75 2
Principal Axes:
T Plg=12 Azm=269
P 9 1
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 5
Principal Axes:
Scale 10**25 d-cm
T Val= 5.11 Plg=20 Azm=266
N -0.01 68 112
P -5.10 9 359

Best Double Couple:Mo=5.1*10**25
NP1:Strike= 44 Dip=69 Slip= 8
NP2: 311 82 159
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 36C
Centroid Location:
Origin Time 14:52:20.6 0.2
Lat 57.72S 0.02 Lon 24.08W 0.04
Dep 15.0 FIX Half-duration 5.5
Principal Axes:
Scale 10**25 D-CM
T Val= 3.71 Plg=66 Azm=281
N 0.17 10 168
P -3.89 22 74
Best Double Couple:Mo=3.8*10**25
NP1:Strike=146 Dip=25 Slip= 66
NP2: 352 68 101

14 22 31 25.54 25.750N 142.403E 30km
5.4mb (31 obs.)
VOLCANO ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 22:31:26.7 1.1
Lat 25.52N 0.10 Lon 142.61E 0.17
Dep 32.5 9.1 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.01 Plg=70 Azm=286
N 1.20 12 52
P -7.20 16 145
Best Double Couple:Mo=6.6*10**23
NP1:Strike=253 Dip=31 Slip= 114
NP2: 45 62 76

15 00 38 59.28 14.856S 174.348W 33km
5.2mb (13 obs.) 5.4Msz (1 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 00:39: 1.5 0.5
Lat 14.67S 0.06 Lon 174.39W 0.05
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.75 Plg=11 Azm=132
N 0.06 71 7
P -1.81 15 225
Best Double Couple:Mo=1.8*10**24
NP1:Strike=268 Dip=71 Slip= -3
NP2: 359 87 -161

15 13 15 02.75 15.561S 173.905W 89km
5.3mb (39 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 31C
Centroid Location:
Origin Time 13:15:10.0 0.3
Lat 15.63S 0.04 Lon 173.75W 0.05
Dep 84.4 4.0 Half-duration 2.3
Principal Axes:
Scale 10**24 D-CM
T Val= 2.05 Plg=53 Azm=113
N 0.54 9 10
P -2.59 35 274
Best Double Couple:Mo=2.3*10**24
NP1:Strike=325 Dip=13 Slip= 44
NP2: 192 81 99

16 01 31 44.21 30.612N 141.645E 31km
5.7mb (78 obs.) 5.6Msz (13 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centroid Location:
Origin Time 01:31:47.7 0.2
Lat 30.38N 0.03 Lon 141.64E 0.03
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 6.75 Plg=68 Azm=269
N 0.72 1 1
P -7.47 22 91
Best Double Couple:Mo=7.1*10**24
NP1:Strike=182 Dip=23 Slip= 92
NP2: 0 67 89

16 12 52 16.07 43.890N 147.570E 23km
6.3mb (94 obs.) 6.1Msz (20 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 28 Dip=70 Slip= 90
NP2: 208 20 90
Principal Axes:
T Plg=65 Azm=298
P 25 118
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 31 No. of sta: 20
Principal Axes:
Scale 10**25 d-cm
T Val= 3.06 Plg=47 Azm=273
N 0.42 35 53
P -3.47 21 158
Best Double Couple:Mo=3.3*10**25
NP1:Strike=292 Dip=40 Slip= 155
NP2: 41 74 53
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 41C M.W.: 7S, 12C
Centroid Location:
Origin Time 12:52:22.4 0.1
Lat 43.79N 0.01 Lon 147.59E 0.03
Dep 40.0 1.1 Half-duration 5.6
Principal Axes:
Scale 10**25 D-CM
T Val= 3.60 Plg=69 Azm=284
N 0.13 8 34
P -3.73 20 127
Best Double Couple:Mo=3.7*10**25
NP1:Strike=230 Dip=26 Slip= 108
NP2: 30 65 82

16 18 55 30.48 30.710N 141.446E 26km
5.4mb (31 obs.) 5.2Msz (4 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 18:55:33.4 0.6
Lat 30.38N 0.08 Lon 141.68E 0.06
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.21 Plg=69 Azm=282
N 0.24 5 179
P -1.44 20 87
Best Double Couple:Mo=1.3*10**24
NP1:Strike=168 Dip=25 Slip= 78
NP2: 1 66 95

17 10 05 54.42 0.847S 99.901E 83km
5.3mb (33 obs.)
SOUTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 20C
Centroid Location:
Origin Time 10:05:57.0 0.9
Lat 0.75S 0.08 Lon 99.20E 0.08
Dep 76.7 6.5 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.77 Plg=75 Azm= 26
N 0.95 7 142
P -7.73 14 234
Best Double Couple:Mo=7.3*10**23
NP1:Strike=333 Dip=32 Slip= 103
NP2: 138 59 82

18 08 08 39.88 5.997S 131.542E 52km
5.3mb (20 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 24C
Centroid Location:
Origin Time 08:08:45.9 1.0
Lat 5.87S 0.08 Lon 131.88E 0.13
Dep 85.4 6.4 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.48 Plg=39 Azm=279
N -0.51 51 85
P -6.97 7 183
Best Double Couple:Mo=7.2*10**23
NP1:Strike=314 Dip=58 Slip= 155
NP2: 57 69 34

19 17 56 44.75 53.270N 161.658E 33km
5.1mb (36 obs.) 4.5Msz (2 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 17:56:51.3 1.5
Lat 53.50N 0.14 Lon 161.67E 0.26
Dep 42.6 9.8 Half-duration 1.2
Principal Axes:
Scale 10**23 D-CM
T Val= 2.74 Plg=67 Azm=344
N 0.74 15 215
P -3.48 17 120
Best Double Couple:Mo=3.1*10**23
NP1:Strike=188 Dip=31 Slip= 59
NP2: 43 64 107

19 23 28 09.14 9.286S 79.018W 62km
5.5mb (36 obs.)
OFF COAST OF NORTHERN PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 23:28:12.5 0.6
Lat 9.04S 0.08 Lon 79.29W 0.09
Dep 66.6 4.9 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.44 Plg=13 Azm= 71
N -0.16 32 169
P -1.28 55 321
Best Double Couple:Mo=1.4*10**24
NP1:Strike=126 Dip=42 Slip=-142
NP2: 5 65 -55

20 07 03 30.86 2.394S 139.309E 33km
6.1mb (55 obs.) 6.7Msz (13 obs.)
NEAR N. COAST OF WEST IRIAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=79 Slip= 90
NP2: 170 11 90
Principal Axes:
T Plg=56 Azm=260
P 34 80
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 8
Principal Axes:
Scale 10**26 d-cm
T Val= 1.59 Plg=35 Azm=313
N 0.03 55 130
P -1.61 1 222
Best Double Couple:Mo=1.6*10**26
NP1:Strike=352 Dip=65 Slip= 155
NP2: 93 68 27
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 46C M.W.: 14S, 32C
Centroid Location:
Origin Time 07:03:37.6 0.2
Lat 2.31S 0.01 Lon 139.29E 0.02
Dep 21.2 1.1 Half-duration 9.2
Principal Axes:
Scale 10**26 D-CM
T Val= 1.61 Plg=47 Azm=279
N -0.02 27 155
P -1.59 30 48
Best Double Couple:Mo=1.6*10**26
NP1:Strike= 88 Dip=29 Slip= 20
NP2: 340 80 118

21 01 11 29.02 15.201S 173.348W 33km
5.2mb (21 obs.) 4.6Msz (1 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 18C
Centroid Location:
Origin Time 01:11:34.9 1.4
Lat 14.76S 0.17 Lon 173.90W 0.15

Dep 27.1 8.9 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 7.86 Plg=33 Azm=189
N -0.20 28 79
P -7.66 44 319
Best Double Couple:Mo=7.8*10**23
NP1:Strike=335 Dip=28 Slip= -12
NP2: 76 84 -118

21 23 36 17.53 1.982N 126.537E 33km
5.6mb (45 obs.) 5.4Msz (5 obs.)
MOLUCCA PASSAGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 31C
Centroid Location:
Origin Time 23:36:25.4 0.2
Lat 1.83N 0.04 Lon 126.42E 0.04
Dep 15.0 BDY Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 9.62 Plg=59 Azm=178
N -1.59 25 37
P -8.03 17 298
Best Double Couple:Mo=8.8*10**24
NP1:Strike=355 Dip=36 Slip= 43
NP2: 229 66 118

22 18 35 40.12 29.035S 177.661W 57km
5.4mb (20 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 28C
Centroid Location:
Origin Time 18:35:44.0 0.6
Lat 28.99S 0.06 Lon 177.44W 0.05
Dep 55.0 3.4 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.27 Plg=75 Azm=252
N 0.18 8 13
P -1.45 12 105
Best Double Couple:Mo=1.4*10**24
NP1:Strike=205 Dip=33 Slip= 104
NP2: 8 58 81

22 21 53 03.07 50.113S 163.937E 10km
4.8mb (3 obs.)
AUCKLAND ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 21:53:11.5 0.8
Lat 49.80S 0.18 Lon 163.07E 0.14
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.94 Plg= 6 Azm= 1
N -0.87 72 109
P -7.06 17 269
Best Double Couple:Mo=7.5*10**23
NP1:Strike= 46 Dip=73 Slip=-172
NP2: 314 82 -17

23 09 11 53.16 30.563N 141.971E 14km
5.6mb (74 obs.) 5.7Msz (14 obs)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 09:11:59.6 0.3
Lat 30.41N 0.04 Lon 141.96E 0.03
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 6.52 Plg=72 Azm=258
N 0.85 2 353
P -7.37 18 84
Best Double Couple:Mo=6.9*10**24
NP1:Strike=177 Dip=27 Slip= 94
NP2: 352 63 88

23 20 27 12.72 3.868S 80.983W 46km
5.4mb (68 obs.) 4.4Msz (3 obs.)
PERU-ECUADOR BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 20:27:14.2 0.4
Lat 3.97S 0.05 Lon 81.22W 0.06
Dep 25.5 3.7 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 12.37 Plg=67 Azm=160
N -2.79 13 284
P -9.58 18 18
Best Double Couple:Mo=1.1*10**24
NP1:Strike=128 Dip=29 Slip= 118
NP2: 277 64 75

24 00 22 16.72 47.435N 89.651E 33km
4.9mb (43 obs.) 4.1Msz (2 obs.)
NORTHERN XINJIANG, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 20C
Centroid Location:
Origin Time 00:22:17.2 1.2
Lat 47.33N 0.11 Lon 89.54E 0.22
Dep 33.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 3.87 Plg=27 Azm=304
N 0.93 63 121
P -4.79 1 213
Best Double Couple:Mo=4.3*10**23
NP1:Strike=345 Dip=70 Slip= 161
NP2: 82 72 21

25 16 12 35.32 40.115N 77.309E 33km
5.2mb (54 obs.) 4.9Msz (3 obs.)
KIRGHIZ-XINJIANG BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 31C
Centroid Location:
Origin Time 16:12:35.2 0.4
Lat 39.83N 0.05 Lon 77.07E 0.08
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.84 Plg=59 Azm=245
N -0.42 30 83
P -1.43 8 349
Best Double Couple:Mo=1.6*10**24
NP1:Strike= 48 Dip=45 Slip= 45
NP2: 283 60 125

25 16 47 49.58 17.254S 174.089W 131km
5.4mb (29 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 16:47:58.8 0.5
Lat 17.17S 0.04 Lon 173.85W 0.05
Dep 139.6 1.5 Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 2.28 Plg=52 Azm=269
N -0.29 0 0
P -1.99 38 90
Best Double Couple:Mo=2.1*10**24
NP1:Strike=183 Dip= 7 Slip= 94
NP2: 0 83 90

26 00 25 59.62 22.839N 94.523E 115km
4.9mb (53 obs.)
BURMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 00:26: 2.4 1.0
Lat 23.31N 0.13 Lon 94.92E 0.15
Dep 129.2 5.1 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 6.01 Plg=59 Azm= 95
N -2.53 21 226
P -3.48 21 324
Best Double Couple:Mo=4.8*10**23
NP1:Strike= 87 Dip=30 Slip= 136
NP2: 217 69 67

26 07 35 16.10 32.128N 76.374E 33km
5.5mb (60 obs.) 5.3Msz (6 obs.)
KASHMIR-INDIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 07:35:20.0 0.3
Lat 31.59N 0.07 Lon 76.06E 0.04
Dep 15.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM
T Val= 2.13 Plg=80 Azm= 77
N 0.30 10 330
P -2.43 28 235
Best Double Couple:Mo=2.3*10**24
NP1:Strike=299 Dip=19 Slip= 58
NP2: 153 74 100

26 14 15 07.62 36.495N 71.114E 187km
5.6mb (78 obs.)
AFGHANISTAN-USSR BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 41C
Centroid Location:
Origin Time 14:15: 9.4 0.2
Lat 36.29N 0.03 Lon 71.00E 0.03
Dep 186.9 1.0 Half-duration 3.3
Principal Axes:
Scale 10**24 D-CM
T Val= 9.16 Plg=62 Azm=280
N -2.17 17 44
P -6.99 22 141
Best Double Couple:Mo=8.1*10**24
NP1:Strike=260 Dip=27 Slip= 129
NP2: 38 69 72

27 03 24 06.22 31.140S 13.482W 10km
5.7mb (67 obs.) 5.7Msz (16 obs.)
SOUTH ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 39C
Centroid Location:
Origin Time 03:24:13.7 0.3
Lat 31.25S 0.03 Lon 13.25W 0.03
Dep 15.0 FIX Half-duration 3.4
Principal Axes:
Scale 10**25 D-CM
T Val= 1.08 Plg= 5 Azm= 80
N -0.18 4 349
P -0.90 84 219
Best Double Couple:Mo=1.0*10**25
NP1:Strike=174 Dip=40 Slip= -84
NP2: 346 50 -95

27 09 23 44.54 17.950S 178.386W 572km
5.4mb (47 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 09:23:50.6 0.7
Lat 17.89S 0.07 Lon 178.41W 0.07
Dep 594.4 3.7 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.55 Plg=26 Azm=108
N 0.04 5 16
P -1.60 64 277
Best Double Couple:Mo=1.6*10**24
NP1:Strike=209 Dip=19 Slip= -76
NP2: 14 71 -95

27 09 46 28.54 6.841S 154.528E 35km
5.4mb (15 obs.) 4.9Msz (2 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 09:46:33.5 0.5
Lat 6.73S 0.08 Lon 154.37E 0.08
Dep 26.3 6.0 Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM
T Val= 1.43 Plg=68 Azm= 42
N 0.20 2 137
P -1.64 21 227
Best Double Couple:Mo=1.5*10**24
NP1:Strike=321 Dip=24 Slip= 94
NP2: 136 66 88

28 19 20 22.48 6.193N 125.884E 92km
5.4mb (31 obs.)
MINDANAO, PHILIPPINE ISLANDS

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 19:20:24.3 0.6
Lat 5.89N 0.06 Lon 125.88E 0.08
Dep 93.4 5.0 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	9.31	50	34
N	-1.15	39	200
P	-8.16	7	296

Best Double Couple:Mo=8.7*10**23
NP1:Strike= 61 Dip=52 Slip= 144
NP2: 175 63 44

29 07 28 02.42 4.550S 133.613E 10km
5.4mb (22 obs.) 4.9Msz (4 obs.)
WEST IRIAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 07:28: 6.2 0.7
Lat 4.56S 0.08 Lon 133.73E 0.09
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	1.35	7	285
N	-0.03	51	23
P	-1.33	38	189

Best Double Couple:Mo=1.3*10**24
NP1:Strike=334 Dip=58 Slip=-156
NP2: 231 70 -34

29 08 17 58.74 30.766N 141.508E 38km
5.1mb (39 obs.) 5.2Msz (4 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 08:18: 6.0 0.5
Lat 30.73N 0.06 Lon 141.48E 0.05
Dep 29.4 3.9 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	2.23	57	324
N	0.34	27	183
P	-2.57	18	84

Best Double Couple:Mo=2.4*10**24
NP1:Strike=140 Dip=36 Slip= 40
NP2: 15 68 119

29 13 59 21.09 4.415N 94.962E 39km
5.2mb (45 obs.) 4.9Msz (5 obs.)
OFF W COAST OF NORTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 13:59:19.4 1.2
Lat 4.26N 0.10 Lon 94.94E 0.11
Dep 46.0 6.2 Half-duration 1.7
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	0.91	49	261
N	0.27	36	114
P	-1.18	17	11

Best Double Couple:Mo=1.0*10**24
NP1:Strike= 61 Dip=43 Slip= 29
NP2: 308 71 129

30 07 07 18.12 18.404N 102.973W 27km
6.2mb (67 obs.) 7.0Msz (16 obs.)
MICHOACAN, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=125 Dip=75 Slip= 90
NP2: 305 15 90
Principal Axes:

	Plg=	Azm=
T	60	35
P	30	215

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 14
Principal Axes:
Scale 10**26 d-cm

	Val=	Plg=	Azm=
T	3.42	49	61
N	0.14	23	302
P	-3.56	32	196

Best Double Couple:Mo=3.5*10**26
NP1:Strike=235 Dip=25 Slip= 22
NP2: 126 81 113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 37C M.W.: 17S, 47C
Centroid Location:
Origin Time 07:07:30.5 0.1
Lat 18.25N 0.01 Lon 102.92W 0.01
Dep 20.7 0.7 Half-duration 11.8
Principal Axes:
Scale 10**26 D-CM

	Val=	Plg=	Azm=
T	3.15	63	25
N	-0.18	1	293
P	-2.97	27	202

Best Double Couple:Mo=3.1*10**26
NP1:Strike=290 Dip=18 Slip= 87
NP2: 113 72 91

30 14 09 39.85 18.036S 69.453W 106km
5.5mb (75 obs.)
NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 14:09:44.8 0.5
Lat 18.31S 0.05 Lon 69.93W 0.07
Dep 118.1 3.6 Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	3.39	21	83
N	-0.84	32	339
P	-2.55	51	200

Best Double Couple:Mo=3.0*10**24
NP1:Strike=214 Dip=37 Slip= -30
NP2: 328 73 -123

30 17 47 52.64 47.237S 100.101E 10km
5.3mb (11 obs.) 5.6Msz (3 obs.)
SOUTHEAST INDIAN RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 34C
Centroid Location:
Origin Time 17:47:59.3 0.2
Lat 47.24S 0.03 Lon 100.03E 0.04
Dep 15.0 FIX Half-duration 2.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	4.95	4	349
N	-0.85	81	234
P	-4.10	8	80

Best Double Couple:Mo=4.5*10**24
NP1:Strike=124 Dip=82 Slip= -3
NP2: 215 87 -172

30 23 14 43.70 28.699N 130.050E 44km
5.5mb (78 obs.) 5.5Msz (7 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 33C
Centroid Location:
Origin Time 23:14:45.5 0.3
Lat 28.60N 0.05 Lon 129.72E 0.08
Dep 39.0 4.7 Half-duration 2.4
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	3.03	39	305
N	0.39	14	47
P	-3.42	48	153

Best Double Couple:Mo=3.2*10**24
NP1:Strike=335 Dip=15 Slip=-162
NP2: 228 86 -76

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 October 1984, May 1985 and February 1986

1. Delete event of 15:49:17.0 UTC on October 28, 1984.

2. Delete TTG and ATH magnitudes for Kodiak Island event of 04:18:31.2 UTC on May 04, 1985.

3. Delete event of 23:49:05.6 UTC on February 21, 1986.

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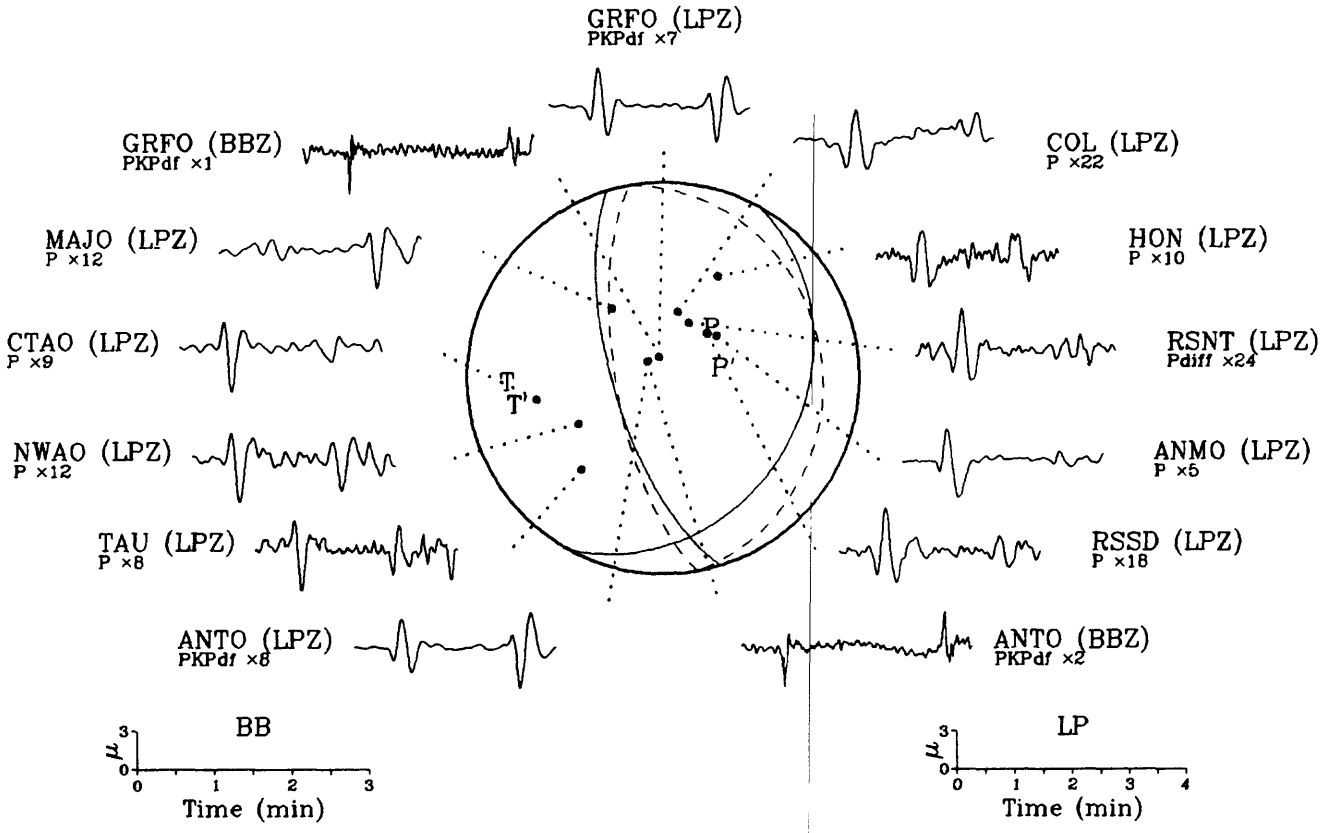
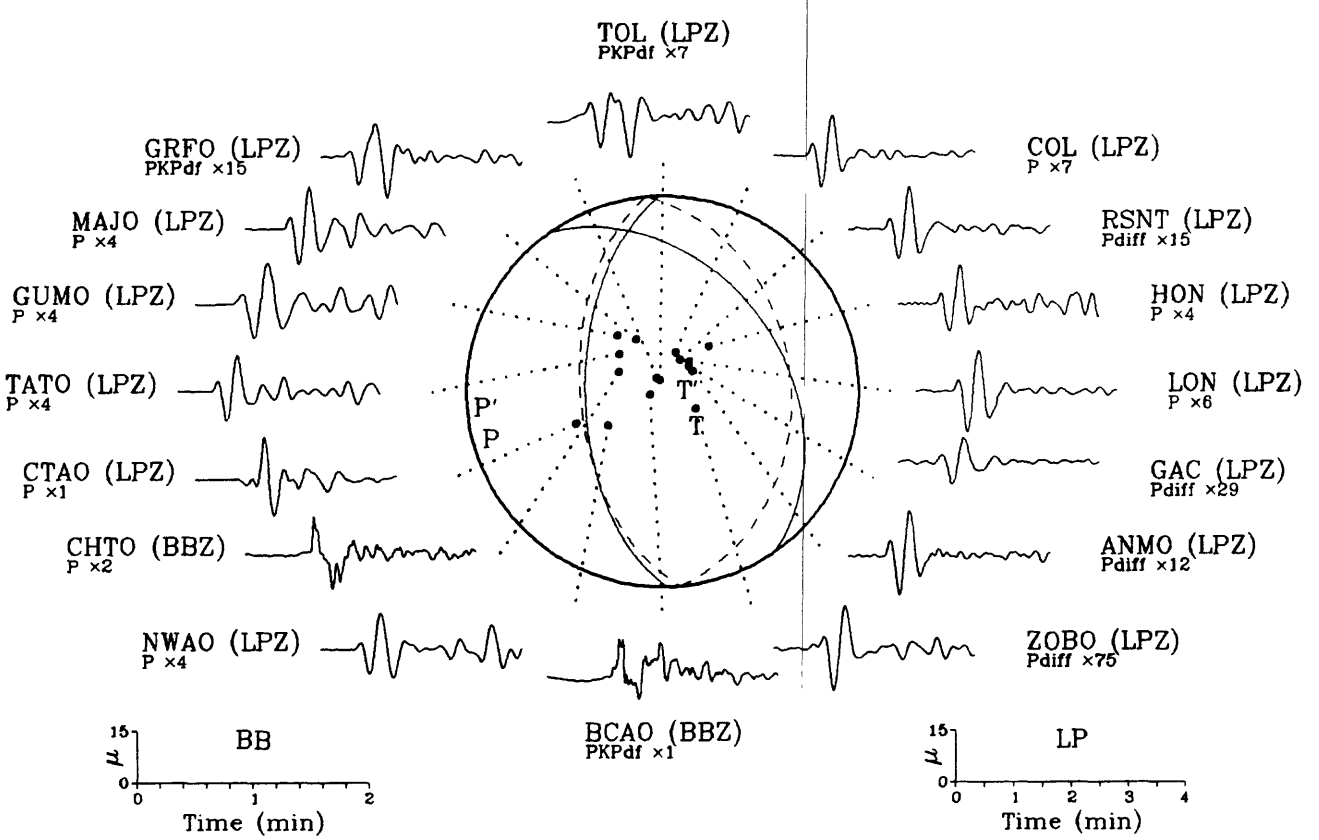
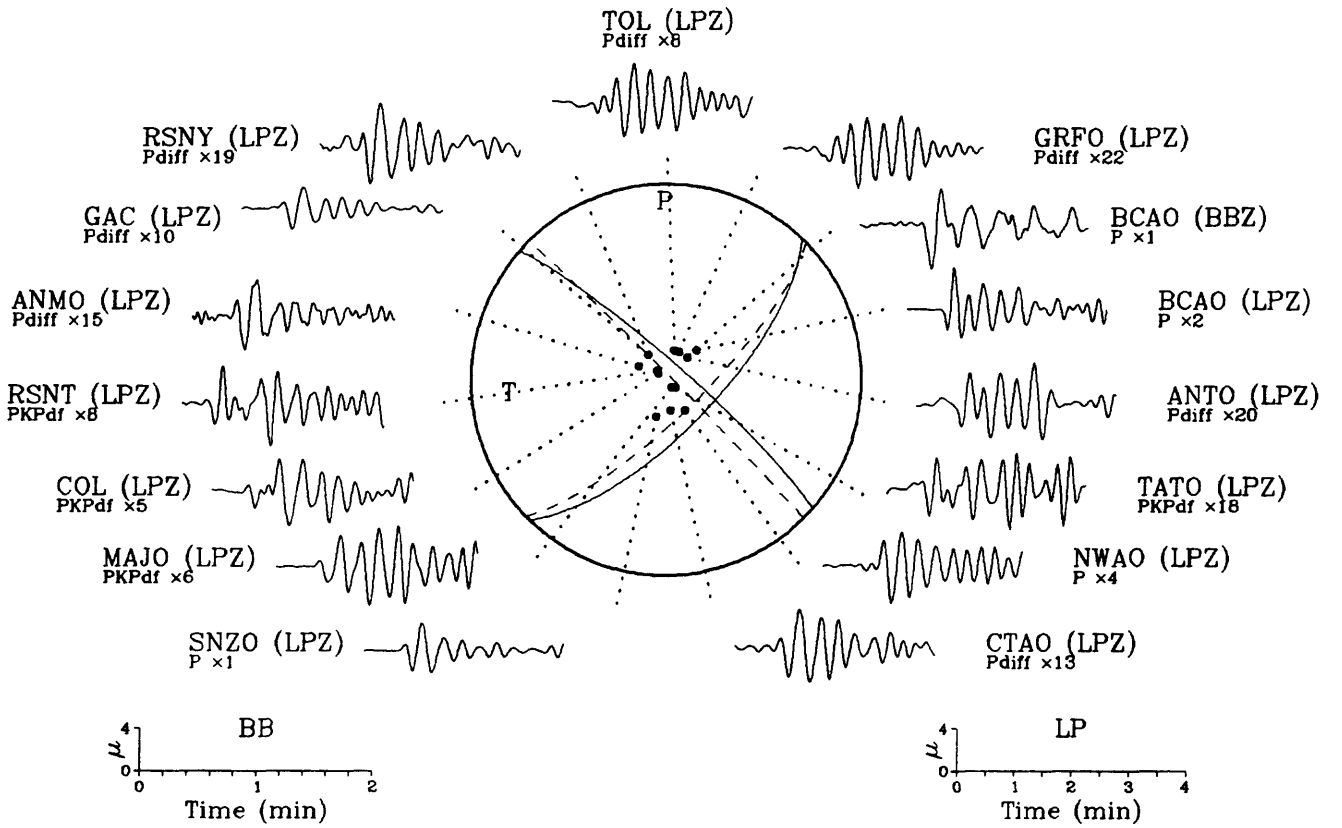
01 April 1986 10:13:40.74
Fiji Islands Region



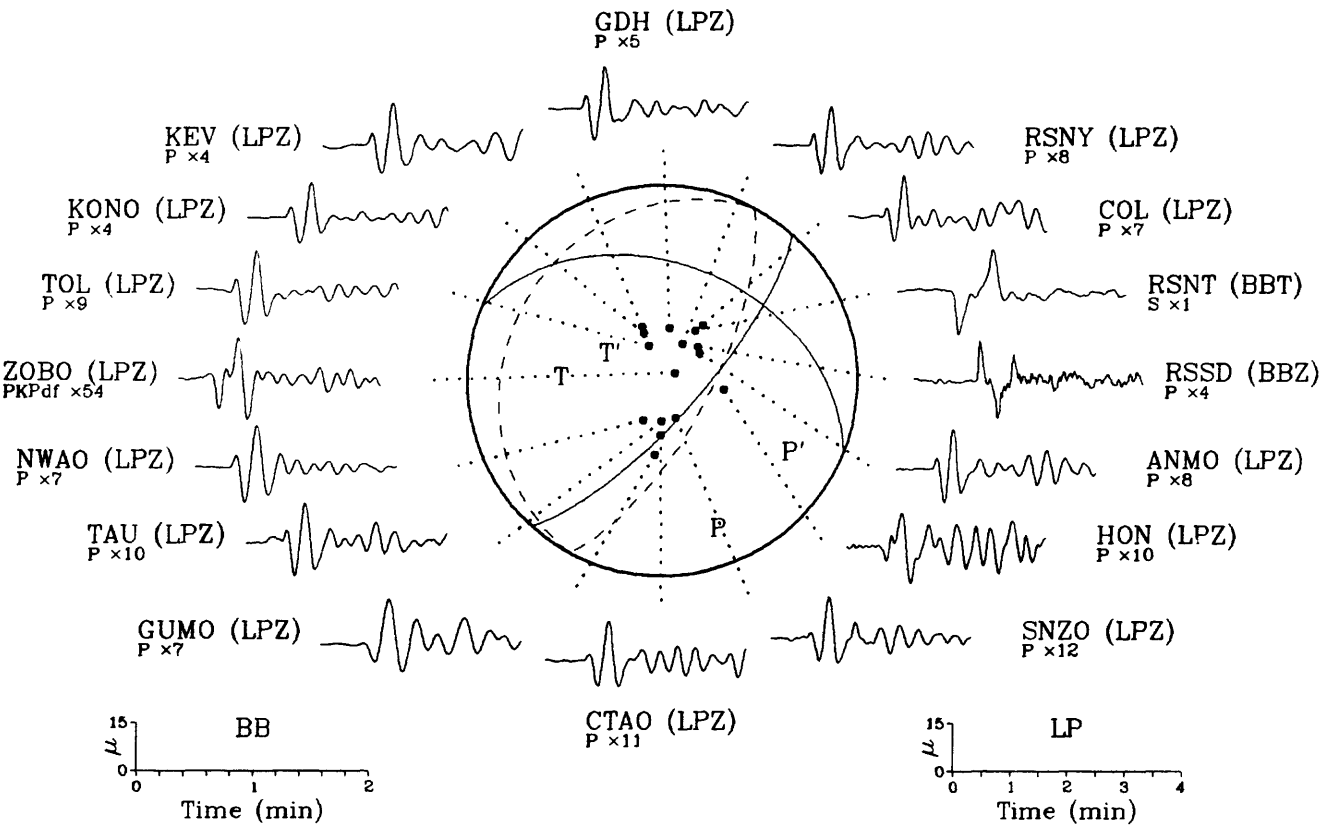
14 April 1986 00:25:12.49
Vanuatu Islands



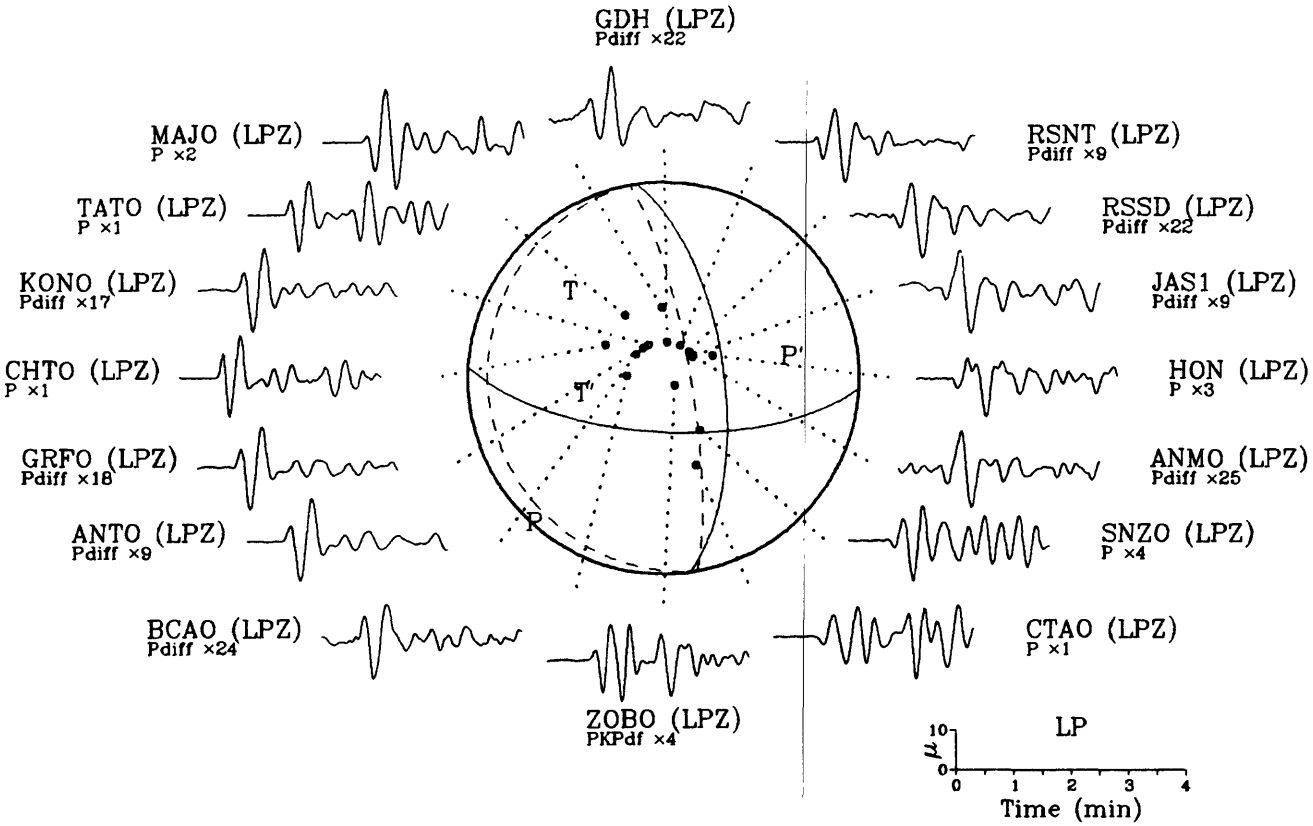
14 April 1986 14:52:10.58
South Sandwich Islands Region



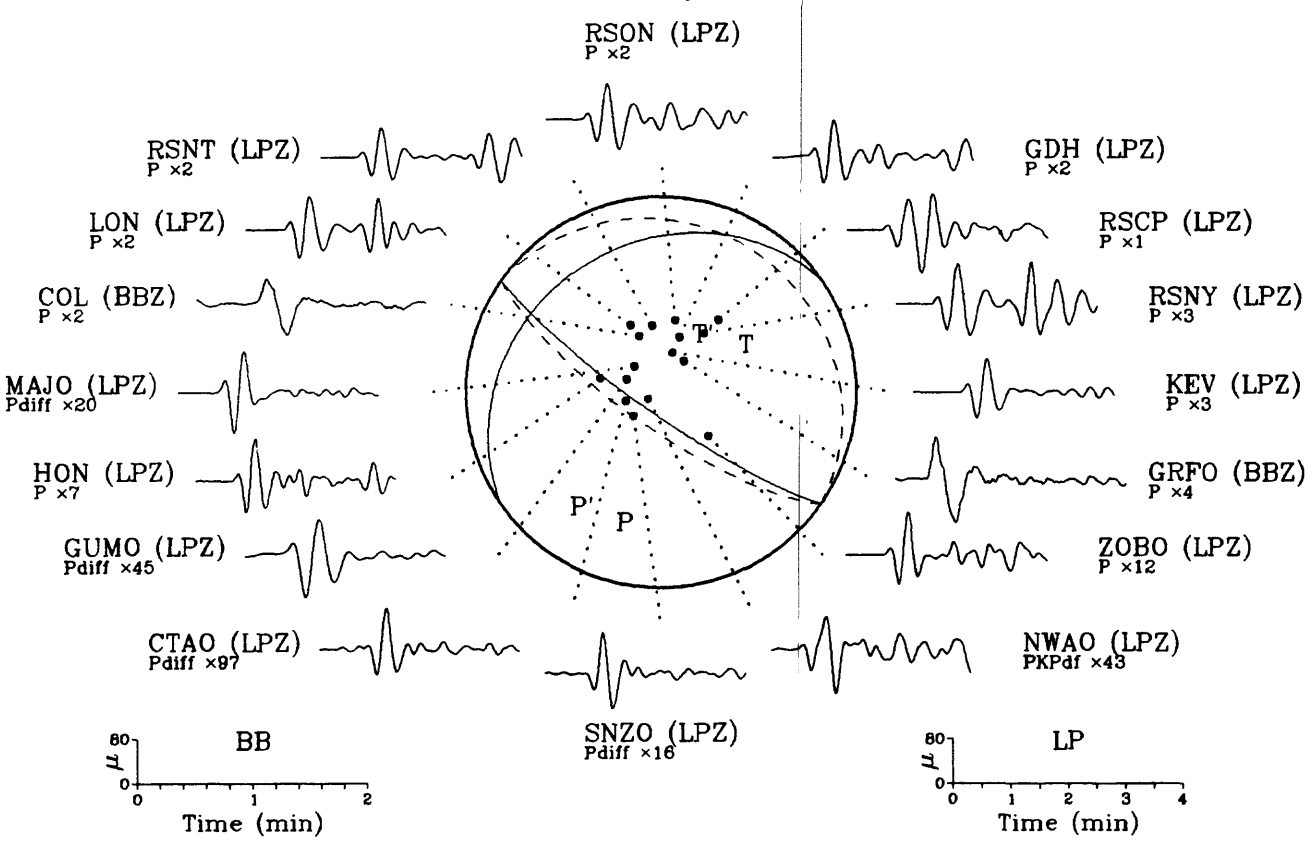
16 April 1986 12:52:16.07
Kuril Islands

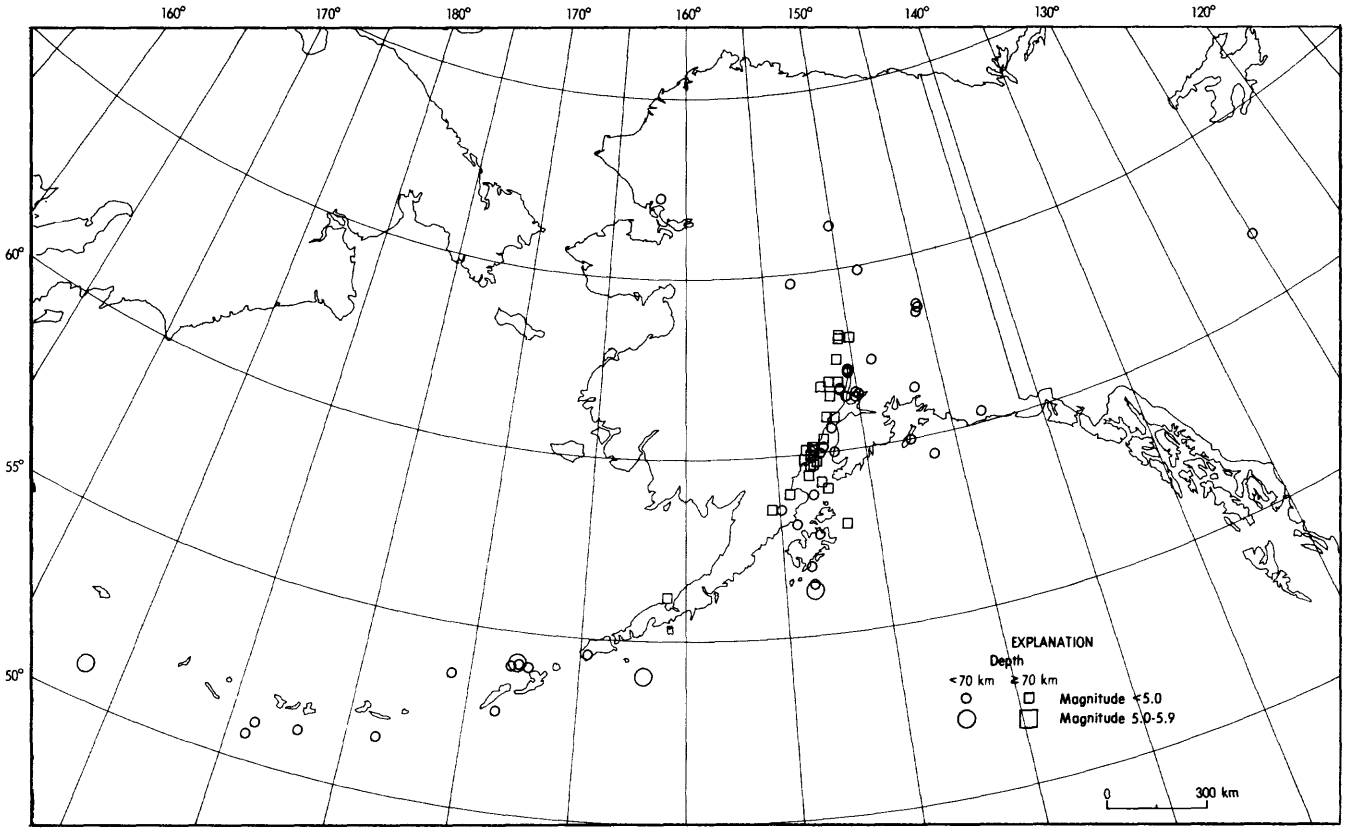


20 April 1986 07:03:30.86
Near N. Coast of West Irian



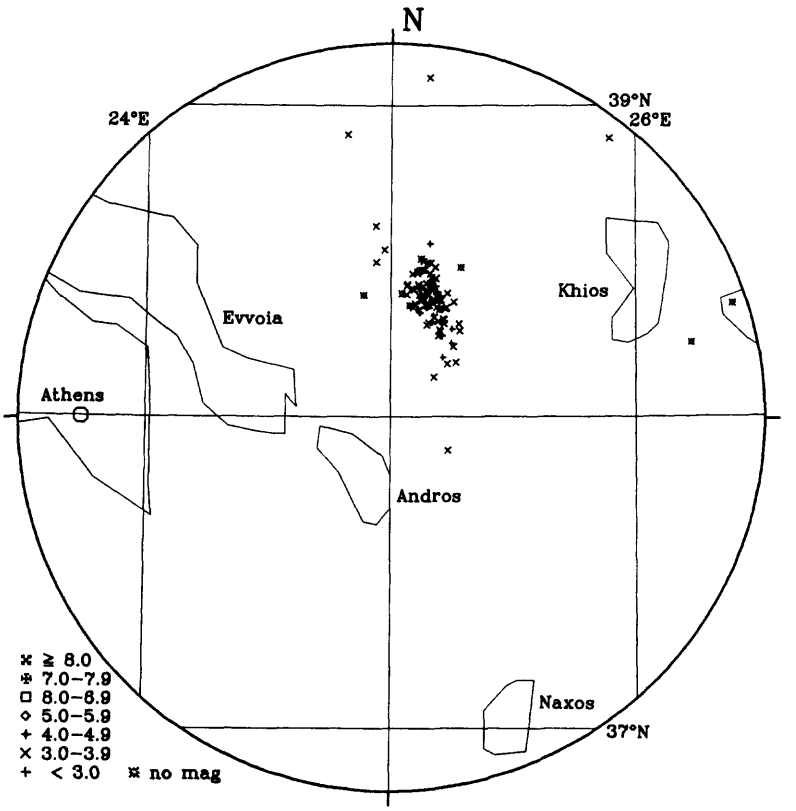
30 April 1986 07:07:18.12
Michoacan, Mexico

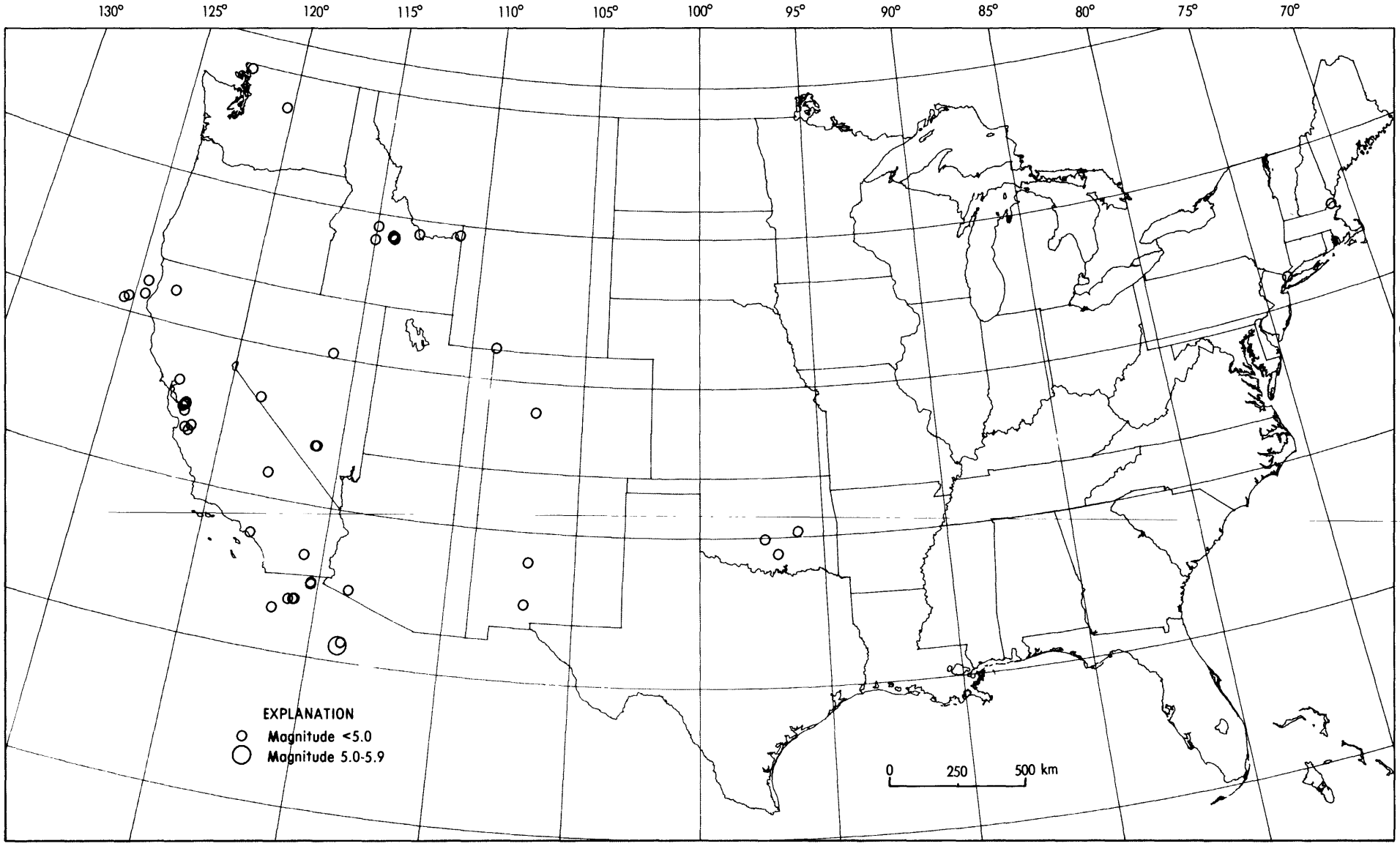




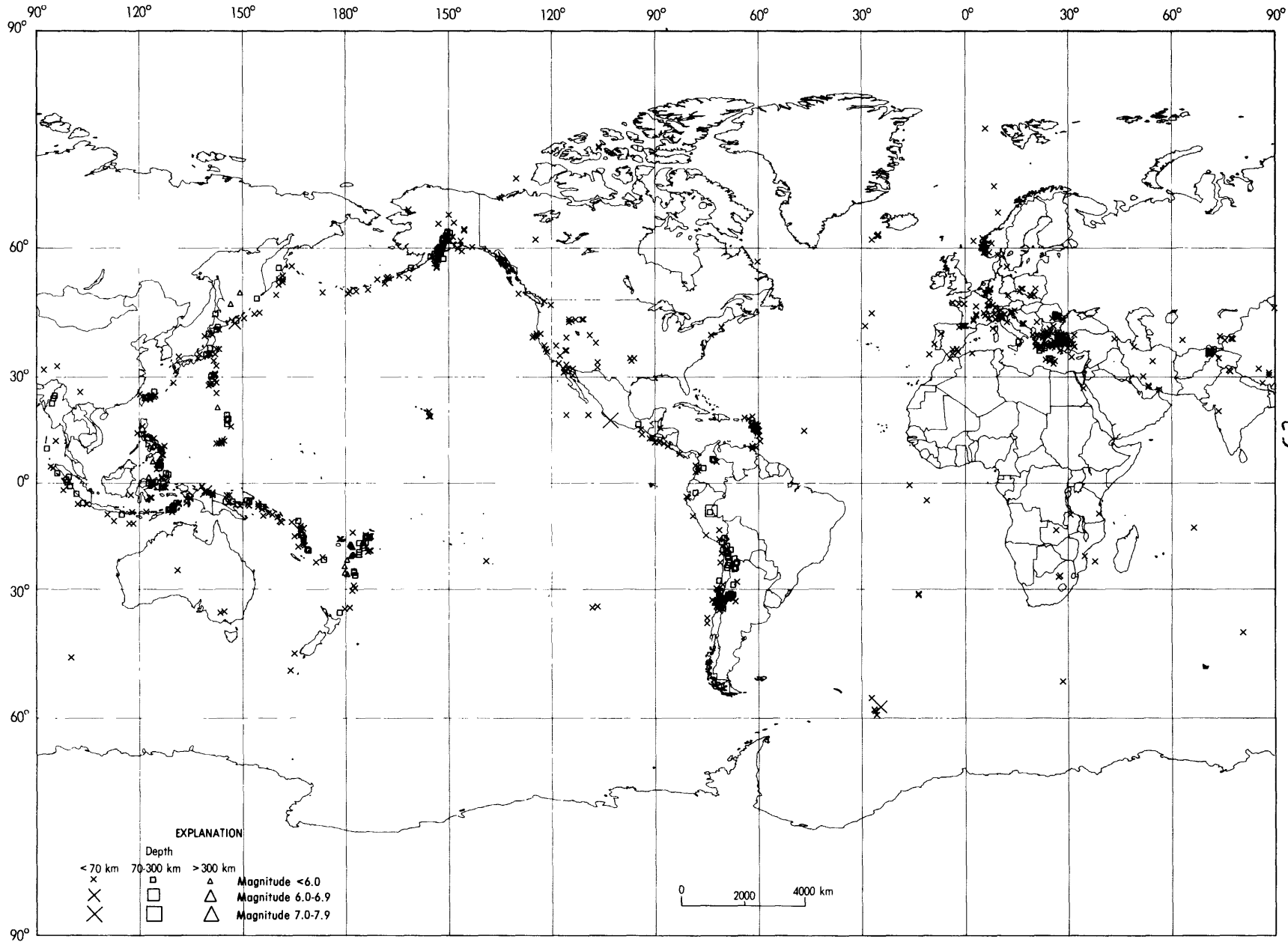
Earthquake epicenters in Alaska and adjacent regions for April, 1986 (C. Stover).

Earthquake Epicenters in Southern Aegean Sea
March and April, 1986





Earthquake epicenters in the conterminous United States and adjacent regions for April, 1986 (C. Stover).



Earthquakes located in April, 1986 (C. Stover).

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National Earthquake Information Center

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K E Y	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	27	03.8?	4.72	S	152.26	E	102	?			1.2	5	NEW BRITAIN REGION
	01	00	28	01.9	43.443	N	7.350	E	30				1.1	37	NEAR SOUTH COAST OF FRANCE. ML 3.8 (LDG).
	01	01	08	49.6&	35.910	N	117.260	W	6	G				8	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	01	03	19	40.2•	28.236	N	140.633	E	33	N	4.1		0.6	10	BONIN ISLANDS REGION
	01	03	21	53.8?	27.50	S	71.75	W	33	N			1.2	6	NEAR COAST OF NORTHERN CHILE
	01	03	31	17.8	40.242	N	51.657	E	48	D	5.0	3.8	0.8	177	CASPIAN SEA
	01	04	20	27.7•	51.536	N	6.753	E	10	G			1.1	7	GERMANY
	01	08	03	29.8	14.930	S	167.344	E	130	•	4.2		1.1	35	VANUATU ISLANDS
	01	09	00	57.4	65.823	N	155.169	W	33	N			0.7	11	ALASKA. ML 3.9 (PMR).
	01	09	15	25.2?	7.58	N	74.20	W	196	?			1.3	7	NORTHERN COLOMBIA
	01	09	28	37.0•	31.282	S	68.254	W	106	?			0.9	10	SAN JUAN PROVINCE, ARGENTINA
	01	09	50	46.6	40.724	N	27.539	E	10	G			1.1	10	TURKEY
	01	10	59	24.0•	37.270	N	20.385	E	10	G	4.5		1.4	22	IONIAN SEA. ML 4.1 (ATH).
	01	11	13	16.7•	10.529	S	116.526	E	33	N	5.1		1.4	15	SOUTH OF SUMBAWA ISLAND
	01	12	20	04.9•	7.560	S	127.991	E	194	?	5.4		1.5	14	BANDA SEA
	01	12	24	17.4	38.460	N	25.156	E	10	G			1.1	17	AEGEAN SEA. ML 3.7 (ATH).
	01	13	25	12.7	49.138	N	6.715	E	30				1.0	57	GERMANY. ML 3.9 (KBA), 3.8 (LDG).
	01	14	47	32.8	39.118	N	30.141	E	13				0.7	16	TURKEY
	01	16	09	26.3	48.046	N	6.657	E	10	G			0.7	11	FRANCE. ML 2.8 (LDG).
	01	16	13	42.6•	43.318	N	19.737	E	10	G			0.7	5	YUGOSLAVIA. ML 2.1 (TTG).
a	01	17	21	24.1	15.140	S	174.370	W	33	N	5.2	5.5	1.1	90	TONGA ISLANDS
	01	17	31	22.5•	18.237	S	177.907	W	592	•	4.2		1.1	19	FIJI ISLANDS REGION
f	01	19	31	40.2	21.861	S	170.228	E	52	G	5.8	5.8	1.1	188	LOYALTY ISLANDS REGION. Depth from broodbond displocement seismograms.
	01	19	36	50.4%	40.756	N	30.234	E	10	G			1.0	7	TURKEY
	01	19	48	25.1•	53.218	N	156.433	E	33	N	4.4		0.9	24	KAMCHATKA
	01	21	43	55.3	6.224	S	131.568	E	33	N	5.0		0.9	43	TANIMBAR ISLANDS REGION
	01	21	45	16.6	38.474	N	25.120	E	11		3.7		0.9	21	AEGEAN SEA. ML 3.6 (ATH).
	01	22	12	01.8	17.945	S	178.554	W	610	•	5.0		0.9	63	FIJI ISLANDS REGION
	02	00	35	53.3•	51.310	N	15.573	E	10	G			0.9	10	POLAND. ML 3.5 (VKA), 3.4 (KBA).
	02	00	37	45.2	36.342	N	141.141	E	44	D	4.7		0.9	36	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) ot Mito, Choshi ond Fukushimo.
	02	00	43	11.6	36.337	N	141.211	E	42	D	4.8		1.2	60	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Mito and (I JMA) ot Choshi and Onohama.
	02	00	51	57.7&	61.238	N	149.410	W	35					34	SOUTHERN ALASKA. <AGS-P>. ML 2.1 (PMR). Felt at Anchoroge.
	02	01	09	25.7	30.519	N	141.757	E	56	•	4.6		0.9	49	SOUTH OF HONSHU, JAPAN
	02	01	22	39.1•	4.961	S	153.448	E	67	?			0.9	6	NEW IRELAND REGION
	02	02	44	44.0	1.929	N	99.023	E	126	D	4.8		1.0	78	NORTHERN SUMATERA
a	02	03	18	37.4	28.017	N	53.303	E	33	N	5.5	4.9	1.0	235	SOUTHERN IRAN. Domage in the Khonj areo.
	02	06	51	28.4?	14.15	N	60.13	W	33	N			0.6	8	WINDWARD ISLANDS. ML 2.9 (FDF).
	02	07	24	59.1?	14.19	N	60.25	W	10	G			0.4	5	WINDWARD ISLANDS. ML 2.5 (FDF).
	02	07	26	58.1?	8.97	N	75.11	W	191	?			0.5	6	NORTHERN COLOMBIA
	02	08	30	18.1	4.960	S	153.301	E	33	N	3.9		1.0	10	NEW IRELAND REGION
	02	08	31	12.8	40.827	N	22.282	E	10	G	3.4		1.0	25	GREECE
	02	08	47	03.9	18.436	N	103.119	W	46		4.9		1.1	84	NEAR COAST OF MICHOACAN, MEXICO. Felt ot Colimo and Ciudod Guzman.
	02	09	13	01.6%	60.367	N	5.082	E	15	G			0.5	6	SOUTHERN NORWAY. MD 1.7 (BER).
	02	09	42	57.5?	44.32	N	8.13	E	10	G			0.3	5	NORTHERN ITALY. ML 2.6 (LDG).
	02	09	50	32.7	3.253	S	139.748	E	60		5.2		1.1	115	WEST IRIAN. Felt (IV) ot Joyapura.
	02	09	54	56.1	45.136	N	150.398	E	33	N	4.8		0.9	36	KURIL ISLANDS
	02	10	01	08.1?	44.27	N	7.72	E	10	G			0.4	5	NORTHERN ITALY. ML 2.1 (LDG).
	02	10	19	24.8	42.334	N	19.970	E	13		4.1		1.4	44	YUGOSLAVIA. MD 3.9 (TTG).
f	02	10	30	02.8	55.172	N	163.843	E	15	G	6.0	5.9	1.0	356	OFF EAST COAST OF KAMCHATKA. Ms 5.7 (BRK), 5.4 (PAS). Depth from broodband displocement seismograms.
	02	10	44	57.0	60.359	N	5.078	E	10	G			0.7	7	SOUTHERN NORWAY. MD 1.8 (BER).
	02	11	02	11.7	33.682	N	134.197	E	49	•	3.9		0.9	12	SHIKOKU, JAPAN. Felt (II JMA) ot Kochi and (I JMA) at Takamatsu.

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	02	11	44	16.4*	1.915	N	99.071	E	150	*	4	3	0.5	8	NORTHERN SUMATERA
	02	11	53	22.4	42.346	N	19.976	E	10	G			0.4	11	YUGOSLAVIA. MD 3.0 (TTG).
	02	12	21	33.1	3.699	N	126.400	E	33	N	4.9		1.1	63	TALAUD ISLANDS
	02	12	46	55.8	42.353	N	19.952	E	10	G			1.0	14	YUGOSLAVIA. MD 3.0 (TTG).
	02	13	00	55.6	64.820	N	148.848	W	33	N			1.3	9	CENTRAL ALASKA. ML 3.2 (PMR).
	02	13	01	40.1%	40.452	N	28.006	E	6	*			0.5	9	TURKEY
	02	13	31	24.1	42.345	N	19.983	E	10	G			1.1	18	YUGOSLAVIA. MD 3.3 (TTG).
	02	13	53	52.6*	39.925	N	76.293	W	5	G			0.4	5	CHESAPEAKE BAY REGION. MD 2.5 (NED). Felt (IV) at Conestoga, (III) at Craley, Pequea, Refton, Washington Boro and West Willow and (II) at Brogue, Holtwood and New Providence, Pennsylvania. Also felt at Lancaster, Marticville, Millersville, Rawlinsville and Safe Harbor, Pennsylvania.
	02	14	12	14.6%	60.729	N	5.580	E	10	G			0.6	5	SOUTHERN NORWAY. MD 2.1 (BER).
	02	14	25	52.3%	44.750	N	0.935	E	10	G			1.3	6	FRANCE. ML 2.8 (LDG).
	02	15	30	17.3?	37.50	N	20.36	E	10	G	3.8		1.0	10	IONIAN SEA
	02	15	33	01.7%	40.406	N	28.015	E	12				0.3	9	TURKEY
	02	16	45	40.5	42.349	N	19.981	E	10	G			0.7	9	YUGOSLAVIA. MD 2.6 (TTG).
	02	17	25	10.4*	27.954	N	140.439	E	50	*	4.1		1.3	16	BONIN ISLANDS REGION
	02	18	06	06.0	42.347	N	20.000	E	10				0.4	11	YUGOSLAVIA. ML 2.8 (TTG).
	02	18	45	10.0	5.417	S	24.783	E	10	G	4.9	4.1	0.9	54	ZAIRE REPUBLIC
	02	19	38	39.0?	17.28	S	175.15	W	243	*	4.5		0.8	14	TONGA ISLANDS
	02	20	12	21.4&	31.856	N	116.119	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).
	02	22	00	12.4*	28.253	N	53.281	E	33	N	3.9		1.2	11	SOUTHERN IRAN
	02	22	33	43.1*	61.875	N	124.462	W	10	G	4.5		1.4	7	NORTHWEST TERRITORIES, CANADA
	02	23	00	22.7*	42.143	N	20.400	E	10	G			0.9	7	YUGOSLAVIA. ML 2.6 (TTG).
	03	01	09	51.8*	35.766	N	121.690	W	5	G			0.9	6	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	03	03	20	35.1?	51.56	N	20.44	E	10	G			0.3	5	POLAND. ML 2.9 (KRA).
	03	03	34	05.5*	37.926	N	23.496	E	62	*	3.4		1.0	18	SOUTHERN GREECE
	03	04	17	20.3	42.338	N	19.985	E	10	G			0.6	11	YUGOSLAVIA. ML 2.6 (TTG).
	03	04	37	26.4	42.310	N	19.918	E	5	G	3.5		1.3	49	YUGOSLAVIA. MD 3.8 (TTG).
	03	05	58	07.0	11.055	S	166.325	E	134	*	4.7		0.8	37	SANTA CRUZ ISLANDS
	03	06	05	22.5&	59.998	N	152.775	W	91					34	SOUTHERN ALASKA. <AGS-P>.
	03	06	18	58.2	36.858	N	71.084	E	99	*	4.8		1.2	32	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Khorog, USSR.
	03	06	28	07.3	42.336	N	19.943	E	10	G			0.7	10	YUGOSLAVIA. ML 2.7 (TTG).
	03	06	58	34.2	42.336	N	19.954	E	10	G			0.8	11	YUGOSLAVIA. ML 2.6 (TTG).
	03	07	15	46.1	36.415	N	71.587	E	33	N	4.1		1.0	13	AFGHANISTAN-USSR BORDER REGION
	03	07	22	28.2	42.343	N	20.003	E	10	G			0.6	11	YUGOSLAVIA. MD 2.8 (TTG).
	03	07	32	35.4	42.313	N	19.985	E	5	G			0.9	19	YUGOSLAVIA. MD 3.3 (TTG).
	03	07	40	38.4*	23.719	S	69.452	W	134	*			0.5	8	NORTHERN CHILE
	03	07	40	51.9	18.107	N	100.404	W	33	N	3.6		0.9	15	GUERRERO, MEXICO
	03	08	02	13.3?	44.33	N	8.15	E	10	G			0.5	5	NORTHERN ITALY. ML 2.2 (LDG).
	03	09	12	36.1	42.347	N	19.977	E	10	G			0.5	10	YUGOSLAVIA. MD 2.8 (TTG).
	03	09	17	17.8	42.296	N	19.945	E	5	G	3.4		1.0	33	YUGOSLAVIA. MD 3.7 (TTG).
	03	10	11	13.6&	61.426	N	149.859	W	46					34	SOUTHERN ALASKA. <AGS-P>. Felt at Anchorage.
	03	10	12	00.9*	2.390	S	139.082	E	33	N	5.4		0.9	12	NEAR N. COAST OF WEST IRIAN
a	03	10	37	41.7	28.025	N	53.356	E	27	*	5.4	4.5	0.9	238	SOUTHERN IRAN. Additional damage in the Khonj area.
	03	12	24	00.6*	1.261	S	138.125	E	33	N	4.6		0.9	8	NEAR N. COAST OF WEST IRIAN
	03	12	28	08.3%	38.595	N	4.128	W	0	G			0.6	5	SPAIN. Probable explosion.
	03	12	54	41.5*	18.212	N	120.300	E	51	*	4.4		1.4	24	LUZON, PHILIPPINE ISLANDS. Felt (III RF) at Pasuquin and (II RF) at Santa.
	03	13	10	42.5	42.329	N	19.953	E	5	G			1.1	11	YUGOSLAVIA. MD 2.7 (TTG).
	03	13	31	10.1	43.085	N	0.583	W	10	G			0.1	10	PYRENEES. ML 3.2 (LDG).
	03	14	20	00.2	42 341	N	19.986	E	10	G			0.4	11	YUGOSLAVIA. ML 2.6 (TTG).
	03	15	05	57.3	53.733	N	170.932	W	237	*	4.3		1.1	28	FOX ISLANDS, ALEUTIAN ISLANDS
	03	15	35	18.6*	66.326	N	141.662	W	33	N			1.1	11	ALASKA. ML 4.3 (PMR).
	03	15	37	51.3*	43.732	N	8.918	E	10	G			0.2	5	CORSICA. ML 2.7 (LDG).
	03	16	29	38.6?	16.93	N	99.76	W	33	N			1.3	6	NEAR COAST OF GUERRERO, MEXICO
	03	16	56	09.5*	51.589	N	175.441	E	33	N	5.0		1.4	11	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.1 (PMR).
	03	17	27	42.5?	12.20	S	167.35	E	33	N	4.3		1.0	9	SANTA CRUZ ISLANDS
	03	17	40	44.5	42.322	N	20.035	E	10	G			0.2	7	YUGOSLAVIA. ML 2.6 (TTG).
	03	17	52	51.4	40.623	N	27.641	E	10	G			1.2	22	TURKEY
	03	18	22	43.9*	17 327	S	179.020	W	487	*	3.8		0.8	18	FIJI ISLANDS REGION
	03	18	46	06.6*	3.196	S	141.065	E	33	N	4	4	1.3	10	PAPUA NEW GUINEA
	03	19	14	56.2*	44.622	N	16.640	E	10	G			0.8	8	YUGOSLAVIA. MD 3.4 (TRI), ML 2.8 (KBA). Felt (V) in the Mt. Grmec region.
	03	19	34	37.9	51.578	N	16.248	E	10	G			0.5	11	POLAND. ML 3.8 (VKA), 3.5 (KBA).
	03	20	50	59.2	40.092	N	24.803	E	9		3.6		1.0	43	AEGEAN SEA. ML 3.7 (ATH).
	03	22	00	48.5	40.060	N	24.741	E	10	G			0.9	16	AEGEAN SEA
	03	22	16	11.5*	44.879	N	16.778	E	10	G			0.5	7	YUGOSLAVIA. MD 3.2 (TRI), ML 2.6 (KBA).
	03	23	05	11.6	62.169	N	124.035	W	10	G	4.9	4.2	1.0	65	NORTHWEST TERRITORIES, CANADA
	03	23	18	08.0	42.350	N	19.954	E	10	G			1.0	12	YUGOSLAVIA. MD 2.8 (TTG).
	03	23	19	24.1%	40.615	N	27.659	E	10	G			0.3	8	TURKEY
	04	00	19	32.5?	27.36	N	110.31	W	10	G	4	4	1.8	9	GULF OF CALIFORNIA
	04	00	30	12.0	42.304	N	19.945	E	13		3.8		1.2	62	YUGOSLAVIA. MD 3.9 (TTG).
	04	01	03	03.6	44.556	N	7.087	E	10	G			0.4	7	NORTHERN ITALY. ML 2.6 (LDG).
	04	01	22	53.3	8.105	S	120.039	E	186	*	4.7		1.2	22	FLORES ISLAND REGION
	04	01	36	12.8	40.117	N	24.085	E	10	G			0.7	21	AEGEAN SEA
	04	01	49	21.1?	16.54	N	100.33	W	33	N			1.5	5	NEAR COAST OF GUERRERO, MEXICO
	04	01	51	18.3*	57.772	N	156.542	W	142	*	4.4		1.3	31	ALASKA PENINSULA
	04	03	15	31.4*	22.468	S	178.449	W	375	*	4.7		1.5	29	SOUTH OF FIJI ISLANDS
	04	03	28	07.6*	31.240	S	68.571	W	10	G			1.4	10	SAN JUAN PROVINCE, ARGENTINA
	04	04	40	54.3?	55.39	N	164.35	E	33	N	4.3		1.2	7	KOMANDORSKY ISLANDS REGION
	04	05	22	02.3	42.338	N	19.972	E	10	G			0.6	11	YUGOSLAVIA. MD 2.8 (TTG).
	04	06	20	24.9	42.316	N	19.972	E	10	G			0.4	10	YUGOSLAVIA. ML 2.7 (TTG).
	04	06	32	42.8	42.314	N	19.969	E	10	G			0.6	6	YUGOSLAVIA. MD 2.6 (TTG).
	04	07	14	10.7*	23.692	N	95.605	E	33	N			0.9	5	BURMA
	04	07	17	35.1?	43.92	N	7.37	E	10	G			0.2	5	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
	04	09	01	28.0*	54.562	S	118.828	W	10	G	4.8		1.1	11	EASTER ISLAND CORDILLERA
	04	09	07	19.4	57.805	N	156.609	W	142		4.4		1.1	40	ALASKA PENINSULA
	04	09	35	25.7	32.154	N	141.632	E	28		5.3	4.7	0.9	159	SOUTH OF HONSHU, JAPAN
	04	11	42	38.5*	40.264	S	176.638	E	44	?	4.6		1.0	10	NORTH ISLAND, NEW ZEALAND. Felt at Waipukurau.

	04	12 25 38.5	28.451	N	140.630	E	10	G	4.8		1.1	67	BONIN ISLANDS REGION
	04	12 33 04.3	11.656	N	141.884	E	50	D	5.1		0.9	100	WEST CAROLINE ISLANDS
	04	13 01 07.7	42.339	N	19.975	E	10	G			0.6	10	YUGOSLAVIA. MD 2.6 (TTG).
	04	13 41 17.4	38.513	N	25.134	E	10	G	3.8		0.9	36	AEGEAN SEA. ML 4.1 (ATH).
	04	15 00 10.5•	6.083	S	151.645	E	33	N	4.5		1.4	11	NEW BRITAIN REGION
	04	15 16 04.1	44.219	N	129.218	W	10	G	4.6		1.0	19	OFF COAST OF OREGON
	04	15 42 07.5	44.206	N	129.299	W	10	G	4.5	4.2	1.2	45	OFF COAST OF OREGON
	04	15 50 31.0&	32.040	N	116.300	W	8	G				3	CALIFORNIA-MEXICO BORDER REGION. <ECX-P>. MD 2.1 (ECX).
	04	17 56 19.1?	14.28	N	91.50	W	33	N	4.7		1.3	10	GUATEMALA
	04	18 24 31.9•	1.916	N	126.315	E	184	?	4.1		0.6	6	MOLUCCA PASSAGE
	04	19 03 33.2?	17.42	S	178.37	W	569	?	4.3		0.9	12	FIJI ISLANDS REGION
a	04	20 30 44.7•	48.921	S	108.590	E	10	G	5.1	5.2	1.2	28	SOUTHEAST INDIAN RISE
	04	21 16 26.6	42.281	N	19.934	E	8				1.2	49	YUGOSLAVIA. MD 3.8 (TTG).
	04	23 33 28.9	17.838	N	61.630	W	46	•	4.9	4.2	1.1	64	LEEWARD ISLANDS
	05	00 29 04.2	18.009	N	61.505	W	16		4.9		0.6	22	LEEWARD ISLANDS. ML 4.2 (FDF).
	05	00 44 29.7	42.321	N	19.942	E	10	G			1.3	12	YUGOSLAVIA. MD 2.8 (TTG).
	05	00 58 11.2•	33.227	S	72.493	W	33	N	4.4		1.0	18	OFF COAST OF CENTRAL CHILE
	05	01 29 52.4?	32.15	S	71.44	W	10	G			0.3	5	NEAR COAST OF CENTRAL CHILE
	05	02 02 56.5%	12.518	S	76.788	W	33	N			0.8	5	NEAR COAST OF PERU. Felt (IV) at Lima.
	05	02 58 20.5•	32.961	S	72.067	W	12				1.1	10	OFF COAST OF CENTRAL CHILE
	05	03 34 00.0?	36.90	N	21.41	E	10	G			0.7	5	SOUTHERN GREECE. ML 3.7 (ATH).
a	05	03 35 38.8	37.993	N	37.806	E	10	G	5.9	5.9	1.1	318	TURKEY. Fifteen people killed, 100 injured and approximately 4,000 houses damaged in the Dogonsehir-Golbosi area. Damage to all houses in the village of Kapidere. Slight damage to houses around the cities of Adiyaman and Elbistan. Felt strongly at Goziontep, Urfa, Kayseri, Sivas, Kahramanmaras, Diyarbakir, Antakya and Mardin. Some dangerous cracks in the arch of Surgu Dam. Slight damage to railroads in the epicentral area. Depth from broadband displacement seismograms.
	05	04 24 48.5	13.792	S	167.132	E	214	•	5.0		1.1	55	VANUATU ISLANDS
	05	04 30 48.2%	38.618	N	26.889	E	10	G			0.7	5	AEGEAN SEA
	05	04 49 39.8•	27.286	N	139.927	E	395	•	4.3		0.8	18	BONIN ISLANDS REGION
a	05	05 46 37.4	18.156	N	102.657	W	38		5.6	5.5	1.1	227	MICHOACAN, MEXICO. Ms 5.6 (BRK), 5.4 (PAS). Felt at Colima and Guadalajara. Felt (III) at Mexico City.
	05	06 21 34.2	36.102	N	71.173	E	129	D	4.5		1.6	23	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Garm and Khorog, USSR.
	05	06 22 59.8	30.591	N	137.764	E	484		4.6		1.1	34	SOUTH OF HONSHU, JAPAN
a	05	06 30 16.8	58.900	S	24.728	W	10	G	5.0	5.4	1.1	38	SOUTH SANDWICH ISLANDS REGION
	05	06 40 29.0	52.639	S	18.553	E	10	G	5	4	1.1	46	SOUTHWEST OF AFRICA
	05	06 43 58.8?	59.05	S	24.89	W	33	N	4.9		1.0	13	SOUTH SANDWICH ISLANDS REGION
	05	07 01 29.1	38.087	N	37.861	E	10	G	4.6		1.2	51	TURKEY
	05	09 19 48.7•	2.514	S	139.556	E	33	N	4.3		1.0	16	NEAR N. COAST OF WEST IRIAN
a	05	09 44 27.4	58.782	S	24.855	W	33	N	5.2	5.2	1.1	76	SOUTH SANDWICH ISLANDS REGION
	05	10 15 45.3%	40.701	N	29.132	E	10	G			0.5	7	TURKEY
	05	10 27 03.6%	39.128	N	27.595	E	10	G			0.2	5	TURKEY
a	05	10 32 08.4	58.711	S	24.850	W	33	N	5.4	5.3	1.0	58	SOUTH SANDWICH ISLANDS REGION
	05	11 17 33.6?	41.81	N	22.92	E	10	G			0.9	4	YUGOSLAVIA
	05	11 27 58.0?	37.66	N	27.21	E	10	G			1.4	6	TURKEY
	05	11 31 20.7•	37.981	N	37.876	E	10	G			1.1	5	TURKEY
	05	11 52 38.6&	61.208	N	151.756	W	88					37	SOUTHERN ALASKA. <AGS-P>.
	05	13 14 55.3?	58.67	N	6.16	E	10	G			0.6	5	SOUTHERN NORWAY. MD 2.0 (BER).
	05	13 27 24.9	36.931	N	141.456	E	77	D	4.8		1.2	73	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Onahama, Mito, Fukushima and Utsunomiya; (I JMA) at Kumagaya, Tokyo and Miyako. Also felt at Sendai.
a	05	15 14 35.9	7.045	S	155.975	E	85		5.6		1.0	105	SOLOMON ISLANDS. Felt (IV) at Arawa, Bougainville.
	05	15 51 04.2&	35.040	N	118.940	W	6	G				9	CENTRAL CALIFORNIA <PAS-P>. ML 3.3 (PAS).
	05	15 55 19.4?	46.00	N	14.55	E	10	G			0.9	5	YUGOSLAVIA. ML 1.9 (KBA).
	05	16 27 45.2•	8.240	N	91.994	E	33	N	4.5		1.3	10	NICOBAR ISLANDS REGION
	05	16 28 11.0•	31.510	S	69.160	W	125	•			0.8	14	SAN JUAN PROVINCE, ARGENTINA
	05	19 09 28.5•	11.745	S	166.854	E	131	?	4.8		1.1	28	SANTA CRUZ ISLANDS
	05	19 51 22.7	42.334	N	20.138	E	10	G			1.3	10	YUGOSLAVIA. MD 2.8 (TTG).
	05	21 00 22.9	37.976	N	37.824	E	10	G	3.8		0.8	13	TURKEY
	05	23 59 00.1	40.378	N	27.999	E	10	G			1.1	25	TURKEY
	06	00 53 29.3?	24.19	S	177.92	W	333	?	4.3		0.5	10	SOUTH OF FIJI ISLANDS
	06	01 11 17.7•	39.328	N	21.014	E	10	G			0.8	5	GREECE
	06	03 40 24.8&	31.614	N	116.936	W	8	G				10	BAJA CALIFORNIA. <ECX-P>. ML 3.4 (PAS).
	06	06 40 56.5?	15.53	N	59.83	W	10	G			0.1	5	LEEWARD ISLANDS. ML 2.4 (FDF).
	06	06 51 07.1•	24.952	N	123.537	E	72	?	4.5		1.4	9	SOUTHWESTERN RYUKYU ISLANDS
	06	12 00 53.8•	0.775	N	97.348	E	33	N	4.6		1.3	21	NORTHERN SUMATERA
	06	12 44 31.2?	8.08	S	123.71	E	235	•	3.9		0.7	8	FLORES ISLAND REGION
	06	13 16 42.2	18.430	N	103.162	W	57	•	4.9		1.2	57	NEAR COAST OF MICHOACAN, MEXICO. Felt at Colima and in the Mexico City area.
	06	13 50 22.3?	0.65	N	96.00	E	33	N			1.5	5	OFF W COAST OF NORTHERN SUMATERA
	06	13 54 52.5•	5.621	S	130.064	E	225	•	3.8		1.0	12	BANDA SEA
	06	14 33 06.4•	39.901	N	140.890	E	104		4.5		1.1	23	HONSHU, JAPAN. Felt (II JMA) at Miyako and (I JMA) at Morioka.
	06	15 01 09.1	42.377	N	19.919	E	10	G			0.9	11	YUGOSLAVIA. MD 2.6 (TTG).
	06	15 16 35.5?	20.36	S	68.32	W	33	N			1.6	5	CHILE-BOLIVIA BORDER REGION
	06	15 44 58.3&	59.970	N	152.633	W	89					24	SOUTHERN ALASKA. <AGS-P>.
	06	15 47 34.2	36.256	N	70.850	E	104	•	4.9		1.0	97	HINDU KUSH REGION. Felt (III) at Ishkashim, Khorog and Dushonbe, USSR.
	06	16 17 58.2?	16.77	N	60.43	W	10	G			0.3	6	LEEWARD ISLANDS. ML 2.9 (FDF).
	06	16 45 01.9	43.098	N	0.521	W	10	G			0.9	10	PYRENEES. ML 3.1 (LDG).
	06	16 49 04.8•	27.589	S	71.988	W	34	•			1.2	17	NEAR COAST OF NORTHERN CHILE
	06	17 10 01.2	42.369	N	20.006	E	17	G			0.9	9	YUGOSLAVIA. MD 2.7 (TTG).
	06	18 36 48.7?	33.35	S	71.57	W	10	G			0.2	7	NEAR COAST OF CENTRAL CHILE
	06	19 16 53.5	10.518	S	116.404	E	33	N	4.1		1.1	17	SOUTH OF SUMBAWA ISLAND
	06	19 28 55.1	10.460	S	116.337	E	33	N	4.9		1.4	44	SOUTH OF SUMBAWA ISLAND
	06	22 38 35.4&	40.375	N	124.620	W	22					6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	06	22 39 34.2	42.994	N	0.050	W	10	G			0.2	9	PYRENEES. ML 2.7 (LDG).
	06	22 50 19.8•	23.365	N	123.693	E	33	N	4.4		0.9	12	SOUTHWESTERN RYUKYU ISLANDS

	07	00	18	02.4•	8.529	S	106.824	E	33	N	3.7	1.2	11	SOUTH OF JAVA
	07	00	30	14.2•	45.821	N	26.732	E	92	?		0.6	11	ROMANIA
	07	01	30	42.2•	9.994	N	104.284	W	10	G	4.4	1.2	18	OFF COAST OF MEXICO
	07	02	23	54.8•	51.570	N	7.323	E	10	G		1.2	6	GERMANY. ML 1.7 (BNS).
	07	02	27	00.4	33.233	N	87.361	W	1	G	4.2	0.8	26	ALABAMA. mbLg 4.5 (NEIS), 4.0 (TUL). Probable coal bump. Felt in Tuscaloosa County.
	07	02	43	10.2?	17.68	S	27.26	E	10	G		0.8	5	ZIMBABWE. MG 3.6 (BUL). Felt (IV) at Binga.
	07	03	10	04.8?	40.23	N	33.01	E	10	G		0.1	4	TURKEY
	07	04	01	25.4	2.445	S	139.472	E	33	N	4.3	1.2	29	NEAR N. COAST OF WEST IRIAN
	07	06	02	49.8•	31.909	S	68.163	W	10	G		1.0	5	SAN JUAN PROVINCE, ARGENTINA
	07	06	08	41.9&	40.240	N	127.273	W	5	G	4.0		29	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.2 (BRK).
	07	07	38	17.8%	60.434	N	5.129	E	10	G		0.1	5	SOUTHERN NORWAY. MD 1.9 (BER).
	07	08	09	07.5%	39.125	N	27.614	E	10	G		0.2	5	TURKEY
	07	09	19	36.8•	28.930	N	128.816	E	159	•	4.0	0.9	12	RYUKYU ISLANDS
	07	10	09	09.8	37.955	N	37.967	E	10	G		1.2	7	TURKEY
	07	11	02	57.5?	42.89	N	1.33	W	10	G		1.2	15	PYRENEES
	07	12	26	47.3%	38.612	N	4.104	W	0	G		1.2	5	SPAIN. Probable explosion.
	07	12	34	09.0&	34.200	N	117.060	W	12				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	12	35	32.8•	38.054	N	38.026	E	10	G	4.2	1.4	10	TURKEY
	07	12	37	40.2?	43.30	N	24.66	E	10	G		1.1	5	BULGARIA
	07	14	09	06.5%	18.241	N	99.345	W	33	N		0.6	5	GUERRERO, MEXICO
	07	14	26	24.3•	34.012	S	72.107	W	21		4.2	1.4	17	NEAR COAST OF CENTRAL CHILE
	07	15	09	49.5	33.961	S	71.394	W	55			1.0	20	NEAR COAST OF CENTRAL CHILE. Felt (III) at Santiago.
	07	15	12	59.8	42.162	N	19.187	E	9			0.6	12	YUGOSLAVIA. MD 2.8 (TTG).
	07	15	13	15.3	30.503	N	141.983	E	39		4.8	0.9	47	SOUTH OF HONSHU, JAPAN
	07	15	39	10.7•	38.152	N	19.671	E	10	G		0.6	9	IONIAN SEA. ML 4.0 (ATH).
	07	15	51	46.3?	30.61	S	71.72	W	33	N		0.7	10	NEAR COAST OF CENTRAL CHILE
	07	16	28	23.7•	7.067	S	127.139	E	376	•	4.7	0.7	17	BANDA SEA
	07	16	37	15.9	10.297	N	62.341	W	22		4.5 3.9	1.2	47	NEAR COAST OF VENEZUELA. Felt (III) on Trinidad.
	07	16	43	27.5	36.226	N	120.253	W	5	G		0.6	8	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	07	17	01	29.3%	39.238	N	28.132	E	10	G		0.6	5	TURKEY
	07	17	54	35.2	26.804	N	57.621	E	33	N	4.5	1.2	27	SOUTHERN IRAN
	07	18	10	13.8•	55.149	N	157.574	W	33	N	4.7	0.9	20	ALASKA PENINSULA. ML 4.0 (PMR).
	07	18	41	46.2•	31.597	S	68.720	W	102	•		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	07	19	13	23.6	42.335	N	20.005	E	10	G		0.4	8	YUGOSLAVIA. MD 3.0 (TTG).
	07	19	38	40.4?	38.26	N	1.28	W	10	G		1.3	4	SPAIN
	07	19	51	40.0•	34.387	N	137.554	E	330	•	4.1	0.3	13	NEAR S. COAST OF HONSHU, JAPAN
	07	20	43	11.0	51.360	N	174.716	W	33	N	5.0	1.1	109	ANDREANOF ISLANDS, ALEUTIAN IS.
f	07	20	43	31.2	51.384	N	174.809	W	22	G	6.1 6.0	1.0	354	ANDREANOF ISLANDS, ALEUTIAN IS. ML 6.1 (PMR), Ms 6.1 (BRK), 5.9 (PAS). Felt on Adak. Depth from broadband displacement seismograms.
	07	21	23	13.1	51.324	N	174.844	W	33	N	5.0	1.1	86	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	07	21	30	42.4?	51.38	N	174.50	W	33	N	4.2	1.5	4	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	21	33	14.9%	33.766	S	71.667	W	10	G		0.4	9	NEAR COAST OF CENTRAL CHILE
	07	21	34	20.4?	22.08	S	179.88	E	684	?	4.3	1.0	13	SOUTH OF FIJI ISLANDS
	07	21	39	06.2?	52.07	N	174.91	W	33	N	4.4	1.1	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	21	42	30.2•	51.531	N	174.802	W	33	N	4.5	0.8	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	22	10	18.7•	33.828	S	71.597	W	23			0.2	10	NEAR COAST OF CENTRAL CHILE
	07	22	22	14.3?	51.96	N	174.72	W	33	N	4.1	0.3	7	ANDREANOF ISLANDS, ALEUTIAN IS.
f	07	22	47	10.8	51.520	N	174.776	W	33	N	6.4 7.7	1.1	513	ANDREANOF ISLANDS, ALEUTIAN IS. Ms 7.9 (BRK), 7.8 (PAS). Multiple event. Damage (VI) on Adak and Atka. Tsunami generated with observed wave heights 91 to 122 cm at Kapaa, Kauai and 61 to 91 cm at Hanalei, Kauai and along the coast of Washington. Maximum recorded wave heights at selected tide stations were as follows: 175 cm at Adak, 25 cm at Unalaska and 10 cm at Sand Point, Alaska; 55 cm at Hilo, 36 cm at Kahului and 27 cm at Honolulu, Hawaii; 45 cm at Coquimbo and 15 cm at Valparaiso, Chile; 46 cm at Kushiro, Hokkaido; 24 cm at Chichi-shima, Bonin Islands; 40 cm at Port Lyttleton, New Zealand; 12 cm at Crescent City, California; 10 cm at Wake Island and 5 cm at Apia, Samoa. Negative tsunami reports were received from Bering Island, USSR; San Francisco, California and Ponape, Caroline Islands.
	07	22	55	05.0&	51.500	N	174.800	W	33	N	5.6		11	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	22	57	43.0&	51.500	N	174.800	W	33	N	5.7		45	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	00	41.0&	51.500	N	174.800	W	33	N	5.2		6	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	04	09.0&	51.500	N	174.800	W	33	N	4.9		8	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	04	52.0&	51.500	N	174.800	W	33	N	5.3		7	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	06	38.0&	51.500	N	174.800	W	33	N	5.0		10	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC> Held to the main shock location to the nearest tenth of a degree.
	07	23	07	45.0&	51.500	N	174.800	W	33	N	5.5		21	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	12	35.0&	51.500	N	174.800	W	33	N	5.0		7	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	12	48.0&	51.500	N	174.800	W	33	N	5.3		33	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	13	16.0&	51.500	N	174.800	W	33	N	5.2		6	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	15	04.8•	51.496	N	175.440	W	33	N	5.4	0.8	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	17	16.0&	51.500	N	174.800	W	33	N	5.3		11	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	18	23.0&	51.500	N	174.800	W	33	N	4.9		5	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	20	17.0&	51.500	N	174.800	W	33	N	5.2		9	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	24	06.0&	51.500	N	174.800	W	33	N	5.2		11	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.

	07	23	25	25.9	36.374	N	70.712	E	223		5.6	0.9	237	HINDU KUSH REGION. Felt (III) at Khorog, Nurek, Dushanbe and Samarkand; (II) at Andizhon, USSR. Felt at Peshawar, Pakistan.
	07	23	26	57.7?	51.40	N	174.14	W	33	N	5.4	0.9	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	29	36.5*	51.701	N	176.439	W	33	N	4.9	0.8	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	33	21.6?	51.19	N	174.54	W	33	N	4.7	1.1	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	36	18.1	51.518	N	174.150	W	33	N	5.7	0.9	113	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	41	21.0&	51.500	N	174.800	W	33	N	5.1		33	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	48	07.2	51.412	N	175.443	W	33	N	5.0	0.7	43	ANDREANOF ISLANDS, ALEUTIAN IS.
a	07	23	51	01.9	51.469	N	174.886	W	33	N	5.8	1.0	203	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	23	52	15.0&	51.500	N	174.800	W	33	N	5.7		42	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	07	23	59	35.2*	51.465	N	178.858	E	33	N	4.7	1.2	16	RAT ISLANDS, ALEUTIAN ISLANDS
	08	00	00	40.0&	51.500	N	174.800	W	33	N	4.7		16	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	08	00	10	58.0	51.543	N	175.343	W	33	N	5.0	0.8	35	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	18	27.7*	51.910	N	174.630	W	33	N	4.5	0.8	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	20	42.0&	51.500	N	174.800	W	33	N	4.4		6	ANDREANOF ISLANDS, ALEUTIAN IS. <SPEC>. Held to the main shock location to the nearest tenth of a degree.
	08	00	30	59.3*	51.562	N	176.107	W	33	N	4.8	0.7	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	35	15.4*	51.409	N	175.490	W	33	N	4.2	0.7	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	42	23.3*	51.012	N	176.233	W	33	N	4.5	1.3	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	45	47.1?	51.23	N	175.90	W	33	N	4.6	0.5	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	55	18.3	51.349	N	174.319	W	33	N	5.2	0.9	82	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	00	59	09.6*	51.700	N	174.207	W	33	N	4.7	0.8	29	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	02	39.0?	51.79	N	174.63	W	33	N	4.6	1.0	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	05	50.4?	51.20	N	175.74	W	33	N	4.8	0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	06	15.6	51.608	N	174.697	W	33	N	5.3	0.9	195	ANDREANOF ISLANDS, ALEUTIAN IS.
a	08	01	11	02.2	51.087	N	176.667	W	33	N	5.9	1.0	326	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.9 (PMR).
	08	01	15	15.0	51.189	N	176.813	W	33	N	5.6	1.0	139	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	18	00.9	51.161	N	176.565	W	33	N	5.4	0.9	58	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	20	57.0	51.147	N	176.900	W	33	N	5.1	0.7	66	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	22	46.9*	51.204	N	176.901	W	33	N	5.2	0.9	51	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	30	54.8	51.184	N	176.777	W	33	N	5.1	1.1	106	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR).
	08	01	40	11.8?	51.38	N	173.98	W	33	N	4.2	1.0	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	01	45	19.3*	51.002	N	176.954	W	33	N	4.7	1.4	20	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	08	01	53	03.3%	39.126	N	27.789	E	10	G		0.3	5	TURKEY
	08	01	54	12.3*	51.186	N	176.062	W	33	N	5.1	1.2	26	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	08	02	04	00.3	51.164	N	176.887	W	33	N	5.5	1.0	264	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.5 (PMR).
	08	02	16	34.0	51.423	N	174.755	W	33	N	4.8	0.9	55	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	02	27	41.1*	51.040	N	176.762	W	33	N	4.4	1.2	17	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	08	02	32	54.8	51.333	N	174.811	W	33	N	5.1	0.9	94	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	02	42	30.8?	51.15	N	175.95	W	33	N	3.9	0.6	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	02	44	35.0*	51.257	N	176.324	W	33	N	4.4	1.1	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	02	59	39.5	51.432	N	175.884	W	33	N	5.0	0.9	100	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
	08	03	08	25.7*	50.967	N	176.252	W	33	N	4.6	1.1	17	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	03	14	27.7	51.483	N	174.556	W	33	N	4.8	1.1	51	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	03	18	11.7*	22.961	N	101.379	E	33	N	4.4	0.8	7	BURMA-CHINA BORDER REGION
	08	03	20	14.6	51.258	N	175.501	W	33	N	4.8	1.1	108	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	03	23	40.6	51.152	N	176.646	W	33	N	5.0	1.0	80	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	03	44	06.7	51.318	N	175.244	W	33	N	5.1	0.9	131	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
	08	03	52	51.4	51.184	N	176.690	W	33	N	5.2	0.9	113	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	04	01	15.4?	14.87	N	61.48	W	174	?		0.5	12	WINDWARD ISLANDS
	08	04	03	50.0	51.140	N	176.442	W	33	N	5.8 5.5	1.1	298	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.7 (PMR).
	08	04	17	11.4*	34.022	S	71.737	W	30		4.7	1.3	20	NEAR COAST OF CENTRAL CHILE
	08	04	19	59.2*	51.214	N	175.840	W	33	N	4.6	1.3	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	04	27	58.6	51.379	N	176.159	W	33	N	5.1	0.8	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	04	31	45.6*	51.135	N	176.424	W	33	N	4.3	1.2	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	04	32	20.6	51.535	N	174.708	W	33	N	5.0	1.1	45	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	04	45	17.7	51.370	N	174.136	W	33	N	5.4	1.0	132	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	05	20	23.5*	51.333	N	175.200	W	33	N	4.0	1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	05	32	08.7	51.449	N	174.900	W	33	N	4.9	0.9	79	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
f	08	05	37	20.2	51.336	N	175.363	W	18	G	6.0 6.2	1.0	401	ANDREANOF ISLANDS, ALEUTIAN IS. ML 6.2 (PMR), Ms 6.3 (BRK), 6.3 (PAS). Depth from broadband displacement seismograms.
	08	05	52	38.0*	31.309	S	67.918	W	5	G		1.5	18	SAN JUAN PROVINCE, ARGENTINA
	08	06	01	45.9%	39.137	N	27.769	E	10	G		0.4	6	TURKEY
	08	06	04	18.7	51.106	N	176.120	W	33	N	5.2	0.9	128	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR).
	08	06	21	28.2*	51.297	N	175.420	W	33	N	4.8	1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	06	26	55.2*	51.855	N	174.383	W	33	N	4.9	1.1	62	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	06	41	59.8	51.370	N	176.165	W	33	N	5.1	1.0	56	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR).
	08	06	48	43.5	51.397	N	174.990	W	33	N	4.8	0.9	41	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	06	50	05.5*	51.227	N	176.328	W	33	N	5.2	0.7	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	06	59	45.7	31.541	S	69.575	W	138	•		0.7	18	SAN JUAN PROVINCE, ARGENTINA
	08	07	28	48.5	51.333	N	175.288	W	33	N	4.8	0.9	82	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	07	33	51.2*	50.968	N	175.361	W	33	N	4.7	1.1	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	07	49	41.5?	51.23	N	174.80	W	33	N	4.3	1.9	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	07	54	29.7?	51.67	N	174.74	W	33	N	4.0	0.8	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	07	58	40.8?	31.54	S	69.23	W	109	?		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	08	08	12	00.2	51.679	N	174.575	W	33	N	4.8	0.9	59	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	08	18	17.3*	32.901	S	138.027	E	10	G		0.9	7	NEAR SOUTH COAST OF AUSTRALIA
	08	08	25	21.8	5.259	S	153.146	E	43		5.1	1.0	26	NEW IRELAND REGION
	08	08	49	50.8*	51.049	N	176.482	W	33	N	4.6	1.1	22	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	08	51	27.5	5.234	S	152.958	E	67		4.9	1.2	62	NEW BRITAIN REGION
	08	08	59	08.6	24.049	N	120.922	E	33	N	5.0	1.3	28	TAIWAN
	08	09	05	16.5	51.687	N	174.562	W	33	N	4.9 5.0	1.0	82	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	08	09	10	04.2	5.087	S	153.179	E	46		5.2	1.0	64	NEW IRELAND REGION
	08	09	12	36.3&	31.466	N	115.604	W	8	G			3	BAJA CALIFORNIA. <ECX-P>. MD 2.6 (ECX).
	08	09	18	46.7	33.069	S	70.847	W	58		4.2	0.5	15	CHILE-ARGENTINA BORDER REGION
	08	09	19	30.8*	51.408	N	174.660	W	33	N	4.5	1.0	35	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	10	10	21.9*	51.330	N	175.479	W	33	N	4.8	1.2	25	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	10	16	28.3*	30.575	S	178.383	W	33	N	4.8	1.4	12	KERMADEC ISLANDS. Felt (III) on Raoul Island.

	08	10	52	20.0	51.502	N	175.718	W	33	N	4.9	1.3	64	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	11	16	52.8	73.281	N	6.212	E	10	G	4.9 4.7	1.0	117	GREENLAND SEA
	08	11	23	56.3	51.414	N	174.535	W	33	N	4.9	0.9	88	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	08	11	28	22.4%	45.900	N	7.499	E	10	G		1.1	10	NORTHERN ITALY. ML 2.7 (LDG).
	08	11	35	59.8?	51.15	N	175.90	W	33	N	4.4	0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	11	43	43.8	36.177	N	77.620	E	33	N	4.5	1.1	28	KASHMIR-XINJIANG BORDER REGION
	08	11	58	16.5*	51.227	N	176.167	W	33	N	4.8	1.2	19	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	12	05	59.3*	51.028	N	176.120	W	33	N	4.0	1.0	7	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	12	11	41.3*	51.740	N	175.368	W	33	N	4.7	0.4	9	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	12	22	29.8	51.648	N	174.434	W	33	N	5.1 4.6	1.0	105	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	12	34	48.8	51.717	N	175.277	W	33	N	5.1 4.5	0.9	127	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	08	12	40	15.2*	7.461	S	129.502	E	59	?	4.3	1.5	15	BANDA SEA
	08	12	52	10.7*	51.086	N	176.607	W	33	N	4.8	1.0	12	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	13	07	35.1?	51.45	N	175.07	W	33	N	4.5	1.4	8	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	13	13	02.8%	59.962	N	4.776	E	10	G		0.5	5	SOUTHERN NORWAY. MD 2.1 (BER).
	08	13	22	39.2*	51.344	N	175.471	W	33	N	4.7	1.3	28	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
	08	13	23	07.0%	60.002	N	4.798	E	10	G		0.2	6	SOUTHERN NORWAY. MD 2.1 (BER).
	08	13	29	02.0	51.295	N	175.297	W	33	N	4.7	1.1	35	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	08	13	39	01.4*	51.670	N	174.219	W	33	N	4.6	0.9	26	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	13	56	40.1	51.412	N	175.497	W	33	N	4.9	1.5	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	14	01	58.8?	51.32	N	174.86	W	33	N	4.2	0.7	7	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
	08	14	14	36.8*	16.069	N	121.674	E	33	N		0.5	5	LUZON, PHILIPPINE ISLANDS
a	08	14	37	35.9	4.627	N	125.499	E	166		5.8	1.2	273	TALAUD ISLANDS. Felt (II RF) at Cagayan de Oro, Philippine Islands.
	08	15	19	44.2	40.848	N	22.382	E	10	G		0.4	10	GREECE
	08	15	21	52.7&	62.210	N	150.972	W	67				41	CENTRAL ALASKA. <AGS-P>.
	08	15	24	41.1*	51.195	N	176.143	W	33	N	4.8	1.2	27	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	08	15	31	29.1*	51.287	N	175.613	W	33	N	4.6	1.1	19	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	08	15	45	46.4&	33.007	N	80.178	W	5				5	SOUTH CAROLINA. <GLD>. MD 1.4 (GLD).
	08	15	47	28.2*	51.159	N	176.065	W	33	N	5.2	1.0	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	16	05	49.9	51.445	N	175.464	W	33	N	4.9	0.9	87	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	16	07	23.5	32.702	N	132.560	E	43		4.5	1.1	26	SHIKOKU, JAPAN. Felt (II JMA) at Ashizuri. Felt (I JMA) at Nabeoka and Oita, Kyushu.
	08	16	20	28.2*	33.173	S	72.983	W	28		4.5	1.0	17	OFF COAST OF CENTRAL CHILE
	08	16	36	01.9	51.494	N	173.877	W	33	N	5.4 5.1	0.9	175	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	17	00	53.9%	38.173	N	0.700	W	10	G		0.7	5	SPAIN. MG 3.2 (MDD). Felt (IV) at Elche and (III) at Crevillente, Guardamar de Segura and Torrevieja.
	08	17	08	06.6	36.788	N	121.258	W	10	G		0.6	14	CENTRAL CALIFORNIA. ML 2.9 (BRK).
	08	17	49	09.1*	34.279	S	70.547	W	33	*		1.4	7	CHILE-ARGENTINA BORDER REGION
	08	18	16	32.6?	37.05	N	21.57	E	33	N		0.5	5	SOUTHERN GREECE. ML 3.3 (ATH).
	08	18	43	02.8?	51.54	N	175.17	W	33	N	4.8	0.8	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	19	19	28.8*	51.512	N	175.176	W	33	N	4.7	1.1	26	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	19	20	12.2?	24.87	S	179.82	E	582	?	4.6	1.3	18	SOUTH OF FIJI ISLANDS
	08	19	58	29.0	46.350	N	6.571	E	10	G		0.8	28	SWITZERLAND. ML 3.1 (LDG).
	08	20	33	01.7*	32.266	S	68.920	W	129	?		0.2	8	MENDOZA PROVINCE, ARGENTINA
	08	21	02	31.7	12.655	N	88.000	W	95	*	4.8	1.0	44	OFF COAST OF CENTRAL AMERICA
	08	21	16	37.0*	9.556	N	126.759	E	33	N	4.7	1.2	17	MINDANAO, PHILIPPINE ISLANDS
	08	21	40	41.9*	51.350	N	175.779	W	33	N	4.6	1.0	19	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	22	01	17.2?	51.47	N	174.97	W	33	N	4.8	1.1	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	22	26	48.4*	43.239	N	10.741	E	10	G		0.4	6	CENTRAL ITALY
	08	22	36	01.9*	51.140	N	176.101	W	33	N	4.5	1.0	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	22	41	16.6*	35.623	N	140.265	E	78	?		0.5	9	NEAR EAST COAST OF HONSHU, JAPAN
	08	22	45	22.9*	51.687	N	175.257	W	33	N	4.4	1.0	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	22	50	53.9*	51.753	N	174.565	W	33	N	4.8	1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	23	10	36.3	38.040	N	4.375	W	10	G		0.8	8	SPAIN. ML 3.5 (MDD). Felt (V) at Montara, Marmolejo and Villa del Rio; (IV) at Andujar, Arjana and Pedro Abad.
	08	23	11	12.1	51.531	N	173.937	W	33	N	5.1	0.9	112	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	23	29	49.3?	51.83	N	174.06	W	33	N	5.1	1.0	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	23	48	28.6	14.648	S	167.230	E	174		4.8	0.9	58	VANUATU ISLANDS
	08	23	58	36.5*	51.358	N	176.253	W	33	N	4.8	0.9	19	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	00	08	24.5&	60.056	N	153.194	W	118				36	SOUTHERN ALASKA. <AGS-P>.
	09	00	23	21.1*	27.635	S	71.191	W	105	?		1.3	12	NEAR COAST OF NORTHERN CHILE
	09	01	00	37.7*	19.584	N	98.679	W	5	G		1.5	7	CENTRAL MEXICO. Felt (III) at Mexico City.
	09	01	05	30.6	51.218	N	176.907	W	33	N	5.5 5.6	1.1	250	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR), Ms 5.7 (PAS). Felt on Adak.
	09	01	08	10.3	51.192	N	176.876	W	33	N	5.6 5.5	1.1	238	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.5 (PMR). Felt (IV) on Adak.
	09	01	18	53.9&	62.894	N	149.770	W	58				33	CENTRAL ALASKA. <AGS-P>.
	09	01	32	44.2?	51.42	N	173.86	W	33	N	4.5	0.5	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	01	56	24.3*	5.353	N	125.360	E	33	N	4.8	1.3	16	MINDANAO, PHILIPPINE ISLANDS
	09	02	25	12.4*	51.088	N	176.990	W	33	N	4.8	1.2	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	02	26	01.3%	33.758	S	70.840	W	33	N		1.0	9	CHILE-ARGENTINA BORDER REGION
	09	02	29	42.4	36.877	N	121.270	W	10	G		0.5	17	CENTRAL CALIFORNIA. ML 2.9 (BRK).
	09	02	50	16.1?	10.71	S	164.80	E	33	N	2.9	0.9	6	SANTA CRUZ ISLANDS REGION
	09	04	06	45.9&	31.474	N	115.598	W	8	G			9	BAJA CALIFORNIA. <ECX-P>. ML 3.0 (PAS).
	09	04	23	24.4	36.209	N	25.477	E	108	*	4.3	1.2	14	DODECANESE ISLANDS
	09	05	01	40.7&	31.977	N	116.377	W	8	G			3	BAJA CALIFORNIA. <ECX-P>. MD 2.3 (ECX).
	09	05	02	28.4*	29.850	S	71.802	W	33	N		1.3	17	NEAR COAST OF CENTRAL CHILE
	09	05	57	08.2&	31.985	N	116.284	W	8	G			4	BAJA CALIFORNIA. <ECX-P>. MD 2.4 (ECX).
	09	05	58	15.2&	62.624	N	148.746	W	56				37	CENTRAL ALASKA. <AGS-P>.
	09	06	00	39.6&	31.959	N	116.287	W	8	G			4	BAJA CALIFORNIA. <ECX-P>. MD 2.4 (ECX).
	09	06	04	54.2	51.378	N	174.304	W	33	N	5.0	0.9	112	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	06	49	34.8?	51.50	N	175.48	W	33	N	4.4	1.4	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	07	11	47.9?	19.22	N	145.24	E	143	?	4.2	0.7	13	MARIANA ISLANDS
	09	07	27	35.5*	37.712	S	179.888	E	56	?	5.1	1.4	31	OFF E. COAST OF N. ISLAND, N.Z.
	09	07	31	58.8*	51.711	N	173.564	W	33	N	4.3	0.4	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	07	54	10.3%	31.715	S	69.090	W	112	?		0.1	6	SAN JUAN PROVINCE, ARGENTINA
	09	09	01	13.6*	28.934	S	70.185	W	132	?		1.2	16	CENTRAL CHILE
	09	09	04	33.0&	46.540	N	66.140	W	18	G			4	NEW BRUNSWICK. <OTT-P>. mbLg 3.3 (OTT). Felt at Doaktown.
	09	09	13	25.4	51.446	N	173.514	W	33	N	4.7 4.0	0.8	88	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	09	14	23.1%	39.434	N	29.696	E	10	G		0.7	7	TURKEY
	09	09	41	31.4	51.589	N	175.628	W	33	N	4.8	1.0	25	ANDREANOF ISLANDS, ALEUTIAN IS.

	09	10	13	03.1%	46.670	N	1.443	E	10	G			1.2	8	FRANCE ML 2.5 (LDG).
	09	10	17	30.2•	51.765	N	175.074	W	33	N	3	9	0.8	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	11	25	39.7?	51.64	N	175.85	W	33	N	4	5	1.1	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	12	48	52.8•	51.241	N	175.888	W	33	N	4.5		1.4	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	13	23	52.1•	51.179	N	176.168	W	33	N	4.8		0.9	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	13	31	32.7?	51.96	N	174.13	W	33	N	4.7		1.1	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	13	34	03.8•	52.110	N	174.716	W	33	N	4.2		1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	13	54	44.3	51.428	N	176.180	W	33	N	5.1		1.0	39	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	14	39	13.1•	51.061	N	176.308	W	33	N	4.4		1.1	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	14	47	28.6?	59.31	N	6.88	E	10	G			1.0	6	SOUTHERN NORWAY
	09	15	25	52.5	51.102	N	176.262	W	33	N	4.8		1.1	30	ANDREANOF ISLANDS, ALEUTIAN IS.
a	09	16	23	48.7	17.121	S	65.589	W	13		5.6	5.5	1.2	253	BOLIVIA. Ms 5.4 (BRK). Felt (IV) at Cochabamba and (III) at La Paz, Sucre and Trinidad.
	09	16	58	31.5•	51.478	N	173.954	W	33	N	4.9		0.8	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	17	58	17.2%	37.976	N	4.406	W	10	G			0.9	10	SPAIN. MG 3.0 (MDD). Felt (III) at Mantara.
	09	18	22	49.8?	54.32	N	165.37	W	101	?	4.6		1.0	14	FOX ISLANDS, ALEUTIAN ISLANDS. Felt at Cold Bay and Sand Point.
	09	18	43	33.9?	17.51	S	65.75	W	10	G			0.7	5	BOLIVIA
a	09	19	04	28.4	51.460	N	174.243	W	33	N	5.8	5.6	1.0	297	ANDREANOF ISLANDS, ALEUTIAN IS. Ms 5.5 (PAS).
	09	19	24	42.1	51.449	N	174.071	W	33	N	5.3	5.8	1.0	166	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	19	45	05.1?	3.67	S	142.03	E	102	?	3.3		0.3	6	NEAR N COAST OF PAPUA NEW GUINEA
	09	19	59	23.0	7.488	N	36.312	W	10	G	5.0		0.9	85	CENTRAL MID-ATLANTIC RIDGE
	09	20	32	08.8•	51.035	N	176.236	W	33	N	5.0		1.2	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	20	42	37.2	51.226	N	176.271	W	33	N	5.2	4.3	0.9	90	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	21	40	36.0•	4.510	S	152.638	E	33	N	3.9		1.0	6	NEW BRITAIN REGION
	09	21	52	09.2	51.140	N	175.530	W	33	N	5.0	4.3	1.0	120	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	21	55	26.7	38.887	N	106.884	W	5	G			0.6	12	COLORADO. ML 2.7 (NEIS). Felt (II) at Snowmass Village. Also felt in the Aspen area.
	09	22	30	22.6&	31.461	N	115.619	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.6 (ECX).
	09	23	02	26.6	21.640	N	94.444	E	96	D	4.9		0.8	134	BURMA
	09	23	16	46.1&	32.410	N	118.220	W	6	G				11	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	09	23	33	15.9•	17.110	S	65.384	W	10	G			1.5	6	BOLIVIA
	10	00	09	45.5•	9.965	N	125.597	E	33	N	5.3		1.2	24	MINDANAO, PHILIPPINE ISLANDS
	10	00	48	09.4•	51.392	N	175.242	W	33	N	4.4		1.3	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	01	33	47.7•	51.464	N	174.357	W	33	N	4.8		0.9	50	ANDREANOF ISLANDS, ALEUTIAN IS.
a	10	02	00	23.7	23.559	S	67.880	W	131		5.2		1.2	86	CHILE-ARGENTINA BORDER REGION
	10	02	08	35.3?	19.06	S	178.10	W	516	•	4.4		0.8	18	FIJI ISLANDS REGION
	10	02	34	25.5•	20.768	S	177.850	W	543	•	4.7		0.9	19	FIJI ISLANDS REGION
	10	03	47	46.7?	17.47	S	65.72	W	10	G			1.4	6	BOLIVIA
	10	04	00	33.4%	39.143	N	27.733	E	10	G			0.7	6	TURKEY
	10	04	03	45.9?	50.99	N	176.45	W	33	N	4.0		1.5	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	04	09	53.8•	17.180	N	94.907	W	10	G	4.2		0.7	7	CHIAPAS, MEXICO
	10	05	31	35.8•	17.389	S	65.781	W	10	G			1.0	6	BOLIVIA
	10	07	26	56.3•	51.178	N	176.167	W	33	N	4.3		0.9	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	08	02	08.9?	17.39	S	65.69	W	10	G			1.3	5	BOLIVIA
	10	08	49	11.3%	29.523	S	67.682	W	33	N			0.5	5	LA RIOJA PROVINCE, ARGENTINA
	10	09	12	09.9	51.353	N	175.872	W	33	N	4.8		0.9	49	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
a	10	09	13	29.3	51.902	N	175.084	W	33	N	5.0	4.9	0.9	136	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	10	09	29	34.7&	62.017	N	151.777	W	107					27	CENTRAL ALASKA. <AGS-P>.
	10	09	50	55.9•	16.434	N	98.773	E	10	G			0.4	6	SOUTH BURMA
a	10	09	53	01.2	8.502	N	103.058	W	10	G	5.0	5.4	1.4	69	OFF COAST OF MEXICO. Ms 5.4 (BRK), 5.4 (PAS).
	10	11	13	37.5•	51.192	N	174.689	W	33	N	4.7		1.1	36	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	11	15	48.2•	24.050	S	66.918	W	208	•	3.9		1.0	9	SALTA PROVINCE, ARGENTINA
a	10	12	02	01.5	37.075	S	94.085	W	10	G	5.5	4.9	0.9	119	WEST CHILE RISE
	10	12	47	59.8•	41.485	N	80.113	E	33	N			1.5	8	SOUTHERN XINJIANG, CHINA
	10	13	18	42.5	35.886	N	0.217	E	10	G			0.8	14	ALGERIA. MG 3.3 (MDD).
	10	14	49	51.1•	51.749	N	173.480	W	33	N	4.5		0.7	13	ANDREANOF ISLANDS, ALEUTIAN IS
	10	15	01	49.4	51.456	N	175.862	W	33	N	4.9		1.0	91	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	10	15	57	43.4?	51.42	N	16.11	E	10				0.6	11	POLAND. ML 3.0 (KBA).
	10	16	24	45.3?	45.36	N	146.97	E	33	N	4.8		1.1	9	KURIL ISLANDS
	10	18	00	43.4•	51.104	N	176.623	W	33	N	4.8		1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	10	18	03	42.2•	17.189	S	65.209	W	10	G			1.4	7	BOLIVIA
	10	18	43	14.0•	8.466	N	102.815	W	10	G	4.6	4.9	1.5	21	OFF COAST OF MEXICO
	10	19	49	07.5?	51.85	N	174.06	W	33	N	4.8		1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	20	00	24.9•	19.161	S	70.279	W	103	•	4.7		1.3	16	NEAR COAST OF NORTHERN CHILE
	10	20	32	03.0?	52.20	N	175.03	W	33	N	4.0		1.5	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	21	36	11.4	28.530	N	140.747	E	33	N	5.1		1.2	38	BONIN ISLANDS REGION
	10	21	37	07.5	51.570	N	174.695	W	33	N	4.7		1.2	52	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	21	38	03.2	47.065	N	18.088	E	12				0.9	12	HUNGARY. ML 3.2 (VKA), 3.2 (KBA).
	10	22	30	13.4&	37.370	N	122.220	W	8					9	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK). Felt at Redwood City.
	10	22	50	30.3?	51.60	N	174.82	W	33	N	4.1		1.1	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	23	56	44.5•	51.692	N	173.480	W	33	N	4.4		0.4	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	00	18	57.6?	51.70	N	16.50	E	10	G			0.5	9	POLAND ML 3.4 (KBA), ML 3.3 (VKA).
	11	00	24	29.8•	37.912	N	21.233	E	10	G			0.4	5	SOUTHERN GREECE ML 3.3 (ATH).
f	11	01	24	25.7	26.743	N	125.205	E	194	G	5.9		1.0	443	NORTHEAST OF TAIWAN. mb 6.1 (BRK), 5.7 (PAS). Felt on northeastern Taiwan. Felt (III JMA) on Ishigaki-shima, Miyako-jima and Okinawa; (II JMA) on Kume-shima; (I JMA) on Amami-o-shima and Minami-daito-jima, Ryukyu Islands. Depth from broadband displacement seismograms.
	11	01	58	38.3	38.031	N	4.395	W	10	G			0.7	9	SPAIN. MG 3.1 (MDD). Felt (III) at Montara.
	11	02	17	53.6	39.423	N	27.387	E	10	G			0.7	19	TURKEY
	11	02	48	57.5	39.444	N	28.362	E	10	G			0.7	20	TURKEY
	11	02	49	23.2?	51.35	N	175.38	W	33	N	4.6		0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	02	52	17.7	3.475	S	147.106	E	10	G	5.2		1.5	56	BISMARCK SEA
	11	03	14	54.6?	51.71	N	175.08	W	33	N	4.4		1.0	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	03	15	49.6	39.494	N	28.332	E	10	G			0.7	16	TURKEY
	11	04	04	50.7&	31.473	N	115.600	W	8	G				9	BAJA CALIFORNIA. <ECX-P>. ML 3.2 (PAS).
	11	04	09	08.3	55.283	N	157.747	W	33	N	4.7		0.9	64	ALASKA PENINSULA. ML 4.5 (PMR).
	11	04	10	50.0•	50.904	N	178.449	W	33	N	4.8		0.8	31	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	04	42	49.0•	11.973	N	91.262	E	33	N	4.3		1.7	12	ANDAMAN ISLANDS REGION
	11	06	15	13.8&	60.228	N	151.681	W	49		3.9			31	KENAI PENINSULA, ALASKA. <AGS-P>.
	11	07	29	13.7	37.038	N	45.283	E	33	N	4.6		1.2	22	NORTHWESTERN IRAN. Felt in the Orumiyeh and Oshnaviyeh

areas.

	11	07 50 06.7	37.061	N	45.255	E	33	N	4.5	1.2	15	NORTHWESTERN IRAN. Felt at Oshnoviyeh.
	11	08 47 28.6	36.112	N	140.196	E	87		4.2	0.9	20	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito.
	11	09 08 53.1*	22.383	S	69.149	W	126	*	4.0	1.1	10	NORTHERN CHILE
	11	10 04 56.4	44.648	N	111.994	W	5	G		0.7	8	HEBGEN LAKE REGION. ML 3.1 (NEIS), 3.1 (BUT).
a	11	10 46 22.7	51.165	N	176.094	W	33	N	5.0 4.7	1.0	132	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR). Felt (II) on Adak.
	11	11 01 21.9*	36.600	S	71.664	W	76	*	4.4	0.7	17	CENTRAL CHILE
	11	11 52 51.1%	40.414	N	29.075	E	10	G		0.5	8	TURKEY
	11	13 40 37.1	51.519	N	173.671	W	33	N	5.3 4.8	1.0	184	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	13 43 51.4	51.511	N	173.694	W	33	N	5.3 4.6	0.8	127	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	14 13 21.3	39.286	N	29.166	E	10	G		1.1	12	TURKEY
	11	14 29 03.2	42.307	N	19.906	E	10	G		1.4	13	YUGOSLAVIA. MD 2.7 (TTG).
	11	14 35 56.8?	51.71	N	176.43	W	33	N	4.5	0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	15 19 28.6	6.744	N	126.846	E	89	*	5.0	0.9	44	MINDANAO, PHILIPPINE ISLANDS
	11	15 35 33.5?	40.59	N	21.40	E	10	G		0.9	6	GREECE
	11	17 31 57.0&	32.100	N	115.630	W	6	G			10	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	11	17 51 33.0*	35.197	N	78.712	E	33	N	4.4	0.9	8	EASTERN KASHMIR
	11	18 51 54.4	42.831	N	6.808	W	5	G		1.2	18	SPAIN. ML 3.4 (LDG).
	11	19 03 51.9&	63.085	N	150.798	W	111				14	CENTRAL ALASKA. <AGS-P>.
	11	19 32 20.9	51.267	N	176.567	W	33	N	4.9	0.9	35	ANDREANOF ISLANDS, ALEUTIAN IS.
a	11	19 40 31.8	51.544	N	173.736	W	33	N	5.6 5.2	1.0	292	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR), Ms 5.2 (BRK).
	11	20 02 23.1*	51.545	N	174.225	W	33	N	4.8	0.8	53	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	20 10 18.8	51.579	N	173.464	W	33	N	4.8	0.9	79	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	22 37 44.1&	59.892	N	153.152	W	106				19	SOUTHERN ALASKA. <AGS-P>.
a	11	22 48 45.6	51.526	N	174.670	W	33	N	5.5 5.2	1.1	235	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.7 (PMR), Ms 5.2 (BRK). Felt (IV) on Adak.
	11	23 22 04.0*	51.560	N	173.416	W	33	N	4.5	0.8	16	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	00 22 33.9?	51.69	N	176.01	W	33	N	4.6	1.3	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	00 42 09.6*	5.860	S	104.422	E	67	?	4.6	0.8	15	SOUTHERN SUMATERA
	12	01 25 52.5	14.726	N	147.669	E	43	*	5.1	1.0	57	MARIANA ISLANDS REGION
	12	01 59 37.1	50.038	N	8.531	E	24			1.1	25	GERMANY. ML 3.2 (LDG), 3.0 (BGG), 2.6 (BNS), 2.5 (KBA).
	12	02 19 39.9*	31.295	S	68.632	W	129	?		1.4	13	SAN JUAN PROVINCE, ARGENTINA
	12	02 47 44.0*	6.054	S	151.377	E	33	N	4.1	1.6	9	NEW BRITAIN REGION
	12	03 26 02.0*	51.137	N	176.199	W	33	N	4.2	1.1	16	ANDREANOF ISLANDS, ALEUTIAN IS.
a	12	03 47 37.9	51.418	N	174.671	W	33	N	5.3 4.8	1.0	146	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR).
	12	04 07 24.8*	51.996	N	174.701	W	33	N	4.9	0.9	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	04 18 02.4*	27.700	N	88.727	W	10	G	3.6	0.6	9	GULF OF MEXICO
	12	04 39 40.7	0.482	N	127.227	E	118	*	5.1	1.1	60	HALMAHERA
	12	05 02 57.7%	39.472	N	28.347	E	10	G		0.8	12	TURKEY
	12	05 14 05.9	51.121	N	176.167	W	33	N	4.4	0.9	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	05 30 15.0	44.273	N	10.877	E	10	G		1.3	39	NORTHERN ITALY. ML 3.8 (LDG), 3.6 (KBA), 3.5 (TRI).
	12	05 45 40.3%	39.400	N	28.345	E	10	G		0.7	10	TURKEY
	12	06 59 50.3&	57.601	N	145.890	W	15				41	GULF OF ALASKA. <AGS-P>.
	12	07 02 29.6*	40.776	N	30.218	E	10	G		0.9	12	TURKEY
	12	07 10 04.1%	45.704	N	27.178	E	33	N		1.0	5	ROMANIA
	12	08 10 15.1	51.142	N	176.037	W	33	N	4.8	0.9	34	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	12	08 51 04.6*	26.941	N	140.248	E	462	*	4.4	0.8	22	BONIN ISLANDS REGION
	12	09 15 50.4?	17.25	N	62.54	W	10	G		0.3	6	LEEWARD ISLANDS. ML 3.0 (FDF).
	12	09 17 09.1&	37.468	N	121.680	W	3				18	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK). Felt at San Jose and Sunnyvale.
	12	09 29 50.8	51.459	N	176.328	W	33	N	4.7	1.2	38	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
	12	09 58 27.0	45.325	N	112.503	W	5	G		0.6	7	MONTANA. ML 3.2 (NEIS).
	12	10 18 39.6%	44.271	N	7.703	E	10	G		0.3	6	NORTHERN ITALY
	12	10 35 00.4	6.969	S	112.019	E	33	N	5.1	1.2	33	JAVA
	12	10 48 34.8*	51.161	N	175.983	W	33	N	4.2	0.9	19	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	12	11 12 09.7	7.695	S	127.338	E	176	*	5.0	1.0	40	BANDA SEA
	12	11 37 45.7	51.427	N	175.457	W	33	N	4.7	1.1	54	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	12	12 50 40.2?	31.56	S	69.57	W	140	?		0.7	6	SAN JUAN PROVINCE, ARGENTINA
	12	13 03 48.4	44.557	N	9.717	E	10	G		0.9	40	NORTHERN ITALY. ML 3.8 (KBA), 3.8 (TRI), 3.8 (LDG).
	12	13 55 47.2?	43.72	N	8.71	E	10	G		0.5	5	CORSICA. ML 2.9 (LDG), 2.5 (KBA).
	12	14 18 35.0?	51.15	N	176.08	W	33	N	3.8	1.3	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	14 40 11.9	4.721	S	139.992	E	33	N	4.9	1.5	45	WEST IRIAN
	12	15 36 15.0	20.477	N	144.932	E	122	*	4.5	0.8	21	MARIANA ISLANDS
	12	15 39 40.9*	20.251	S	177.563	W	501	*	4.8	1.1	29	FIJI ISLANDS REGION
	12	17 06 44.3*	51.314	N	174.794	W	33	N	4.7	1.0	39	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	18 58 43.0?	51.37	N	16.09	E	10	G		0.2	6	POLAND. ML 2.7 (KBA).
	12	19 55 51.7	44.522	N	9.701	E	10	G		1.0	28	NORTHERN ITALY. ML 3.2 (LDG), 3.1 (TRI), 2.8 (KBA).
	12	19 58 04.1?	43.98	N	8.02	E	10	G		0.5	6	CORSICA. ML 3.1 (LDG).
	12	20 16 45.8	52.700	N	172.432	E	33	N	4.9 5.1	0.9	106	NEAR ISLANDS, ALEUTIAN ISLANDS. Felt on Shemya.
	12	20 23 05.6	51.265	N	174.605	W	33	N	5.0	1.0	97	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	12	20 59 25.9*	11.083	N	126.279	E	33	N	4.5	0.6	10	PHILIPPINE ISLANDS REGION
	12	21 58 31.5?	39.09	N	20.58	E	10	G		1.3	5	GREECE-ALBANIA BORDER REGION
	12	21 59 56.1	6.900	N	73.094	W	153		5.0	1.2	32	NORTHERN COLOMBIA
	12	22 26 54.8	44.486	N	11.000	E	10	G		1.1	26	NORTHERN ITALY. ML 3.1 (LDG), 3.0 (KBA). MD 3.0 (TRI).
	12	23 00 20.4&	36.785	N	121.380	W	10				19	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK). Felt in San Benito County.
	12	23 08 39.4&	57.685	N	137.965	W	5				10	OFF COAST OF SOUTHEASTERN ALASKA. <AGS-P>.
	12	23 53 03.4%	19.679	N	99.262	W	10	G		0.7	5	CENTRAL MEXICO
	13	00 14 30.6	5.146	S	152.264	E	65		5.0	1.0	32	NEW BRITAIN REGION
	13	00 19 44.8	36.585	N	4.455	W	96		4.3	0.8	48	STRAIT OF GIBRALTAR. Felt (IV) in the Malaga-Cordoba-Granada area, Spain.
	13	00 26 10.3?	4.88	N	124.40	E	33	N		0.9	5	CELEBES SEA
	13	00 32 13.6*	26.472	S	114.893	W	10	G	5.1 5.0	1.0	21	EASTER ISLAND REGION
	13	01 00 36.8	39.686	N	25.023	E	10	G		1.1	13	AEGEAN SEA. ML 3.3 (ATH).
	13	01 51 37.8&	59.282	N	153.776	W	116				29	SOUTHERN ALASKA. <AGS-P>.
	13	02 04 47.2?	45.59	N	26.45	E	145	?		0.3	7	ROMANIA
	13	03 04 09.3	37.837	N	119.907	W	10	G		0.7	10	CENTRAL CALIFORNIA. ML 2.7 (BRK).
	13	03 21 56.2*	37.810	N	23.186	E	10	G		1.0	5	SOUTHERN GREECE. ML 3.2 (ATH).
	13	03 33 37.0?	51.74	N	175.12	W	33	N	4.3	1.4	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	13	03 33 52.9%	29.076	S	67.258	W	166	?		0.4	6	LA RIOJA PROVINCE, ARGENTINA
	13	04 03 29.6	27.079	N	129.057	E	51	*	4.8	1.2	32	RYUKYU ISLANDS

	13	05	56	24.2*	51.498	N	174.716	W	33	N	4.7	1.0	41	ANDREANOF ISLANDS, ALEUTIAN IS.
a	13	08	44	02.1	41.431	N	43.737	E	10	G	5.7 5.4	1.1	262	TURKEY-USSR BORDER REGION. Two people killed and about 1,500 buildings destroyed in the Akhalkalaki area, USSR. Slight damage in the Susuz area, Turkey. Felt (VII) at Akhalkalaki and Bakuriani, (V) at Stepanavan and Tbilisi, (IV) at Abastumani, Leninakan and Gegechkari and (!II) at Garis, USSR. Also felt at Cildir, Ardahan and Hanak, Turkey.
a	13	09	56	36.7	20.646	S	174.113	W	33	N	5.4 5.5	1.1	111	TONGA ISLANDS
	13	11	29	31.2&	35.250	N	117.330	W	6	G			14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	13	12	16	08.9?	36.74	N	19.85	E	10	G		1.4	5	MEDITERRANEAN SEA. ML 4.0 (ATH).
	13	12	20	09.8*	36.677	N	70.943	E	165	?	4.6	1.0	11	HINDU KUSH REGION
	13	12	28	16.1?	37.58	N	19.87	E	10	G		1.4	9	IONIAN SEA
	13	14	10	59.9?	35.99	S	72.59	W	33	N		0.3	9	NEAR COAST OF CENTRAL CHILE
	13	14	14	56.0	51.551	N	173.512	W	33	N	4.8 4.3	1.1	98	ANDREANOF ISLANDS, ALEUTIAN IS.
	13	14	39	09.1?	40.86	S	76.38	W	33	N		0.4	9	OFF COAST OF SOUTHERN CHILE
a	13	14	51	10.1*	9.064	S	109.144	W	10	G	5.1 5.0	1.2	34	NORTHERN EASTER I. CORDILLERA
	13	16	00	34.7*	36.642	N	70.284	E	187	?	4.5	0.7	12	HINDU KUSH REGION
	13	17	15	21.0	51.122	N	176.135	W	33	N	4.9 4.3	1.0	91	ANDREANOF ISLANDS, ALEUTIAN IS.
	13	18	38	43.1	39.166	N	2.734	W	10	G		1.2	17	SPAIN. MG 3.8 (MDD). Felt (III) in the Albacete area.
	13	20	24	20.2*	39.138	N	2.809	W	10	G		1.2	6	SPAIN. MG 3.3 (MDD).
	13	20	41	23.1*	10.922	N	126.252	E	33	N	4.9	1.0	10	PHILIPPINE ISLANDS REGION
	13	20	58	40.9*	34.132	S	71.084	W	33	N		1.0	14	NEAR COAST OF CENTRAL CHILE
a	13	22	00	08.7	32.636	N	141.426	E	40	D	5.4 5.6	1.3	231	SOUTH OF HONSHU, JAPAN
	13	23	10	55.9*	1.963	S	78.495	W	129	*	4.2	0.6	7	ECUADOR
	14	00	04	57.5?	2.33	S	139.29	E	33	N	3.9	1.3	11	NEAR N. COAST OF WEST IRIAN
	14	00	12	14.7	0.058	N	124.370	E	33	N	4.3	1.5	14	MINAHASSA PENINSULA
	14	00	30	09.6&	37.363	N	122.262	W	14				11	CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK). Felt in the Palo Alto-Redwood City area.
	14	01	30	55.4	38.248	N	23.900	E	5		3.8	1.0	47	GREECE. ML 3.7 (ATH). Felt in the Athens area.
	14	01	34	12.5?	16.96	N	60.87	W	33	N		0.7	8	LEEWARD ISLANDS. ML 3.0 (FDF).
	14	01	56	18.2	51.535	N	173.449	W	33	N	4.8	0.9	103	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
a	14	01	58	30.9	51.531	N	173.492	W	33	N	5.5 4.7	0.9	215	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	02	14	11.4	31.708	S	72.274	W	33	N		1.0	22	OFF COAST OF CENTRAL CHILE
	14	02	50	56.5*	77.877	N	8.613	E	10	G	4.4	1.5	20	SVALBARD REGION
	14	03	01	25.6	39.455	N	28.428	E	11		4.3	1.2	76	TURKEY
a	14	03	04	06.5	1.486	N	127.037	E	78		5.6	1.1	139	HALMAHERA
	14	03	28	40.5	51.534	N	175.719	W	33	N	4.8	1.0	44	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	14	03	54	25.0	51.548	N	173.406	W	33	N	5.0	0.8	113	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR).
a	14	04	02	31.6	51.485	N	178.474	W	33	N	5.4 4.6	1.0	228	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	14	04	30	16.9%	39.128	N	28.261	E	10	G		0.7	10	TURKEY
	14	04	30	25.3	17.255	S	65.485	W	48	*	4.9 4.3	1.4	66	BOLIVIA
	14	04	32	31.7	32.186	N	141.732	E	36	*	4.9	1.1	36	SOUTH OF HONSHU, JAPAN
	14	04	36	19.0?	23.63	S	179.81	E	550	G	5.2	1.0	26	SOUTH OF FIJI ISLANDS
	14	04	49	10.6*	51.389	N	173.374	W	33	N	4.8	1.1	39	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
	14	05	07	44.7&	31.462	N	115.617	W	8	G			3	BAJA CALIFORNIA. <ECX-P>. MD 2.6 (ECX).
	14	05	35	13.4*	27.623	N	140.366	E	252	*	4.6	1.1	23	BONIN ISLANDS REGION
	14	06	01	23.0?	19.50	S	178.09	W	300	G	4.9	1.4	23	FIJI ISLANDS REGION
	14	06	41	13.5?	36.25	N	141.51	E	33	N		0.2	5	NEAR EAST COAST OF HONSHU, JAPAN
	14	06	41	51.7*	63.301	N	150.726	W	33	N		1.1	5	CENTRAL ALASKA. ML 2.5 (PMR).
	14	07	59	49.2	51.545	N	173.488	W	33	N	4.8 4.1	0.8	102	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	14	09	49	00.7*	56.127	N	156.211	W	99	*	4.5	1.1	17	ALASKA PENINSULA
	14	10	02	57.9*	50.620	N	5.353	E	10	G		0.2	5	BELGIUM
	14	10	54	46.7*	20.152	S	69.789	W	33	N		0.9	7	NORTHERN CHILE
	14	11	03	17.5?	59.30	N	6.86	E	15	G		1.2	6	SOUTHERN NORWAY. MD 2.1 (BER).
a	14	11	10	21.5	23.466	S	115.051	W	10	G	5.2 4.4	1.1	22	EASTER ISLAND CORDILLERA
a	14	12	24	23.1	20 642	S	178.700	W	621		5.1	0.8	53	FIJI ISLANDS REGION
	14	13	28	32.8*	51.149	N	176.252	W	33	N	4.9	0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.
a	14	13	56	09.9	14.883	S	167.252	E	141		5.2	1.2	92	VANUATU ISLANDS
	14	14	58	25.9*	51.565	N	174.250	W	33	N	4.7	0.9	28	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	15	00	08.7%	39.388	N	28.368	E	10	G		1.4	8	TURKEY
	14	15	02	57.4	37.429	N	110.561	W	5	G		0.9	26	UTAH. ML 3.2 (NEIS).
	14	15	54	23.8	32.623	S	71.919	W	33	N	5.0	1.1	35	NEAR COAST OF CENTRAL CHILE. Felt (IV) at La Ligua, San Felipe, Las Andes, Vina del Mar and Valparaiso; (III) at Quillota and Santa Daminga; (II) at Santiago.
	14	17	11	48.8	37.562	N	140.548	E	100		4.8	1.1	67	HONSHU, JAPAN. Felt (II JMA) at Mita and Utsunamiya and (I JMA) in the Onahama-Mariaka area.
	14	17	37	09.1*	31.959	S	71.352	W	33	N		0.7	15	NEAR COAST OF CENTRAL CHILE
	14	20	17	58.8&	61.134	N	152.027	W	104				28	SOUTHERN ALASKA. <AGS-P>.
	14	20	19	13.0*	51.358	N	175.767	W	33	N	4.7	0.9	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	21	21	45.0	36.985	N	141.844	E	33	N	5.2	0.8	20	NEAR EAST COAST OF HONSHU, JAPAN
	14	21	52	12.3*	45.798	N	7.802	E	10	G		1.5	5	NORTHERN ITALY
	14	21	56	53.8	8.765	N	82.942	W	33	N		0.2	8	PANAMA-COSTA RICA BORDER REGION. MD 4.0 (HDC).
	14	22	26	51.8%	32.971	S	67.531	W	161	?		0.3	6	MENDOZA PROVINCE, ARGENTINA
	14	22	31	24.9*	41.527	N	43.643	E	33	N		0.3	6	TURKEY-USSR BORDER REGION
a	14	22	53	58.2	14.787	S	175.432	W	33	N	5.2 5.1	1.2	73	SAMOA ISLANDS REGION
	14	22	58	53.3	51.340	N	175.812	W	33	N	4.8	1.1	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	23	04	04.3*	39.850	N	1.326	W	10	G		1.5	8	SPAIN. MG 2.8 (MDD).
	14	23	25	33.0%	45.183	N	27.827	E	10	G		1.6	5	ROMANIA
	14	23	55	35.8	39.924	N	1.402	W	11			1.3	15	SPAIN. ML 3.6 (LDG). Felt (V) at Landete and Torrijas, (IV) at Talayuelas and (III) at Santa Cruz de Moya.
	15	01	11	38.6*	6.486	N	123.947	E	534	*	4.4	0.6	17	MINDANAO, PHILIPPINE ISLANDS
	15	02	18	02.9*	21.272	S	68.222	W	217	*		0.9	7	CHILE-BOLIVIA BORDER REGION
	15	03	01	29.5*	2.639	S	138.458	E	33	N	4.3	1.0	12	WEST IRIAN
	15	03	30	09.8	51.407	N	175.514	W	33	N	4.9	0.9	62	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
a	15	06	38	37.9	52.294	N	174.726	W	33	N	5.7 6.4	1.2	285	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.5 (PMR), Ms 6.4 (BRK), 6.2 (PAS). Slight damage (VI) an Atka. Felt strongly an Adak.
	15	06	39	19.8*	33.571	S	68.001	W	187		4.3	1.1	23	MENDOZA PROVINCE, ARGENTINA
	15	06	41	13.0*	36.302	N	141.558	E	33	N	4.9	1.5	16	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Chashi.
	15	06	42	31.8*	51.369	N	174.714	W	33	N	5.1	1.1	33	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	15	07	01	25.4*	52.186	N	174.581	W	33	N	4.7	1.2	30	ANDREANOF ISLANDS, ALEUTIAN IS.

	15	07 06 15.8•	52.045	N	174.671	W	33	N	4.4		1.2	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	07 08 04.3•	51.873	N	174.383	W	33	N	4.3		1.2	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	07 10 20.6?	52.33	N	174.83	W	33	N	3.8		1.4	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	07 11 07.6	52.197	N	174.695	W	33	N	4.8		1.3	35	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	07 16 39.9%	42.336	N	19.954	E	0	G			0.6	6	YUGOSLAVIA. MD 2.6 (TTG).
	15	07 23 40.4?	36.31	N	141.48	E	33	N			1.1	7	NEAR EAST COAST OF HONSHU, JAPAN
	15	08 12 15.0•	52.049	N	174.778	W	33	N	4.0		0.8	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	08 13 18.3•	52.152	N	174.473	W	33	N	4.2		1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	08 18 11.1•	52.247	N	174.517	W	33	N	4.1		1.0	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	08 18 47.9	52.317	N	174.526	W	33	N	5.1	5.3	1.1	118	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR).
	15	08 26 59.9?	6.20	S	146.91	E	55	•			1.2	7	EAST PAPUA NEW GUINEA REGION
	15	08 32 02.1&	37.475	N	121.695	W	7					18	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK). Felt at Fremont and San Jose.
	15	09 10 20.9	42.359	N	19.990	E	10	G			0.4	8	YUGOSLAVIA. MD 2.5 (TTG).
a	15	09 34 05.7	52.217	N	174.527	W	33	N	5.2	5.3	1.1	128	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR), Ms 5.3 (BRK).
	15	10 42 25.9	2.243	N	126.649	E	58	•	5.2	4.4	1.3	62	MOLUCCA PASSAGE
	15	10 53 12.6•	18.232	N	100.980	W	33	N	4.9		0.8	39	GUERRERO, MEXICO
	15	12 05 39.5	30.656	S	117.280	E	10	G			1.4	8	WESTERN AUSTRALIA
	15	12 41 25.6?	42.91	N	1.65	E	10	G			1.6	8	PYRENEES. ML 2.9 (LDG).
	15	12 47 13.7?	52.07	N	174.46	W	33	N	3.8		0.8	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	14 19 43.3&	63.283	N	150.326	W	112					40	CENTRAL ALASKA. <AGS-P>.
a	15	14 38 09.2	29.627	N	69.363	E	18		5.2		1.0	149	PAKISTAN. Extensive damage to houses in the Barkhom, Watakari and Hamtarot areas.
	15	15 16 13.4	48.009	N	6.680	E	16	•			1.1	14	FRANCE. ML 3.1 (LDG).
	15	15 25 16.2?	15.72	N	94.47	W	33	N	4.3		1.2	6	NEAR COAST OF OAXACA, MEXICO
	15	16 09 47.7?	51.26	N	175.13	W	33	N	4.0		1.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	16 37 16.1	41.986	N	23.130	E	10	G			1.5	17	GREECE-BULGARIA BORDER REGION. MG 3.3 (TIR).
	15	16 45 22.3	41.999	N	23.164	E	10	G	3.9		1.4	68	GREECE-BULGARIA BORDER REGION. ML 4.4 (ATH), 4.0 (TTG). Felt (VI) at Blagoevgrad, (V) at Delcevo and (IV) at Berovo, Pehcevo, Kriva Palanka, Vranje and Pirat, Bulgaria. Also felt in the Thessaloniki area, Greece.
	15	17 07 59.1?	17.51	S	65.74	W	34	?			1.5	7	BOLIVIA
	15	18 00 24.2•	37.843	N	20.046	E	10	G	4.2		1.2	17	IONIAN SEA. 3.8 ML (ATH).
	15	18 13 56.1	40.718	N	27.572	E	10	G	4.6		0.7	10	TURKEY
	15	19 10 43.2	17.146	S	64.542	W	570		4.2		0.9	43	BOLIVIA
	15	19 43 20.9	40.686	N	27.504	E	12				0.9	20	TURKEY
	15	19 50 36.5%	40.708	N	27.579	E	10	G			0.8	9	TURKEY
	15	23 21 18.3	54.850	N	162.448	W	33	N	4.5		1.2	38	ALASKA PENINSULA. Felt at Cold Bay, False Pass and Sand Point.
	15	23 38 40.7•	48.450	N	155.776	E	33	N	4.6		1.1	34	KURIL ISLANDS
	16	00 15 37.3•	6.653	N	72.893	W	177	•	4.5		0.7	10	NORTHERN COLOMBIA
	16	00 27 40.7•	39.341	S	175.154	E	109	•	4.9		1.1	11	NORTH ISLAND, NEW ZEALAND. Felt at Raetihi, New Plymouth and Wellington.
	16	01 15 54.1&	31.845	N	116.047	W	8	G				3	BAJA CALIFORNIA. <ECX-P>. MD 2.4 (ECX).
	16	04 44 40.9?	44.47	N	14.50	E	10	G			0.7	6	ADRIATIC SEA. ML 3.0 (KBA).
	16	05 40 10.2?	2.22	S	76.59	W	212	?	4.2		1.0	9	PERU-ECUADOR BORDER REGION
	16	06 02 07.1	47.307	N	154.010	E	33	N	4.9		1.0	48	KURIL ISLANDS
	16	06 03 57.5%	40.156	N	29.592	E	10	G			0.7	6	TURKEY
	16	07 10 11.1?	51.52	N	175.14	W	33	N	4.0		1.0	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	16	07 42 14.5&	62.537	N	151.287	W	93					25	CENTRAL ALASKA. <AGS-P>.
	16	08 16 52.9	28.105	N	140.639	E	33	N	4.8		1.4	32	BONIN ISLANDS REGION
	16	08 17 59.1%	11.850	N	43.324	E	10	G			0.7	7	ETHIOPIA. MG 3.9 (ARO). Felt in Djibouti.
	16	08 24 28.1	39.439	N	28.401	E	10	G			1.0	15	TURKEY
	16	09 48 59.0	36.302	N	71.185	E	102	•	4.3		1.0	23	AFGHANISTAN-USSR BORDER REGION
	16	09 56 26.4	13.987	N	144.776	E	150		5.1		1.1	62	MARIANA ISLANDS. Felt (IV) on Guam.
	16	10 49 37.3•	6.590	S	130.303	E	138	?	4.4		0.9	11	BANDA SEA
	16	11 29 43.7?	14.28	S	14.40	W	10	G	4.4		1.3	6	SOUTH ATLANTIC RIDGE
	16	12 14 36.1%	40.702	N	29.849	E	10	G			0.5	6	TURKEY
	16	12 20 56.0?	51.28	N	175 29	W	33	N	4.3		1.2	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	16	12 49 02 1%	16.997	N	61.207	W	28				0.3	9	LEEWARD ISLANDS. ML 3.5 (FDF).
	16	12 55 25.3	50.235	N	12.429	E	10	G			0 2	6	GERMANY
	16	12 57 31.3%	15.948	N	60.992	W	33	N			0.4	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	16	15 24 10.1?	31.34	S	68.43	W	32				1.2	11	SAN JUAN PROVINCE, ARGENTINA
	16	15 47 11.1	13.108	N	143.227	E	217		4.6		0.8	29	SOUTH OF MARIANA ISLANDS
	16	15 59 50.2	51.833	N	175.249	W	33	N	5.0	4.3	0.8	131	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
a	16	16 51 12.3	47.204	N	154.109	E	25	D	5.8	5.5	0.9	275	KURIL ISLANDS. Ms 5.3 (BRK).
	16	16 57 39.4	47.158	N	154 083	E	33	N	5.0		0.7	55	KURIL ISLANDS
	16	17 21 29.8&	40.352	N	125.215	W	5	G				18	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.4 (BRK).
	16	17 30 46.1?	61.33	N	125.13	W	10	G			0.4	5	NORTHWEST TERRITORIES, CANADA
	16	17 31 29.9•	51.504	N	175.150	W	33	N	4.6		1.2	24	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
	16	17 57 45.2	47.242	N	154 174	E	33	N	4.8		0 7	35	KURIL ISLANDS
	16	20 47 28.6•	25.666	S	129.276	E	10	G			1.0	5	NORTHERN TERRITORY, AUSTRALIA
	16	22 12 24.1	51.669	N	175.191	W	33	N	4.8		0.8	66	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	16	22 40 58.4?	33.58	S	70.82	W	33	N			1.8	6	CHILE-ARGENTINA BORDER REGION
	17	01 03 56.0%	39.399	N	28.364	E	10	G			0.2	6	TURKEY
	17	01 15 59.9%	39.423	N	28.308	E	10	G			1.0	11	TURKEY
	17	01 43 12.2•	5.937	S	130.358	E	245	?	5.0		0.2	6	BANDA SEA
	17	02 33 40.5%	39.421	N	28.402	E	10	G			0.4	10	TURKEY
	17	02 57 49.9%	39.434	N	28.340	E	10	G			0.5	7	TURKEY
	17	03 24 29.5&	58.889	N	152.952	W	75		4.7			44	KODIAK ISLAND REGION. <AGS-P>.
	17	03 24 31.0	31.925	N	50.864	E	78	•	4.7		1.4	34	IRAN
	17	03 30 43.5•	43.816	N	17.071	E	10	G			1.3	8	YUGOSLAVIA. MG 2.7 (BLY).
	17	03 49 40.0	21.011	N	45.753	W	10	G	4.9	4.6	1.1	96	NORTH ATLANTIC RIDGE
	17	05 01 38.2•	2.183	N	79.745	W	10	G	4.6		1.2	12	SOUTH OF PANAMA
	17	06 31 14.2&	62.038	N	149.730	W	51					41	CENTRAL ALASKA. <AGS-P>. Felt at Anchorage.
	17	06 55 46.0?	33.72	S	72.18	W	33	N			0.5	10	OFF COAST OF CENTRAL CHILE
	17	07 22 27.7•	6.639	S	130.078	E	152	?	4.3		1.3	10	BANDA SEA
	17	08 00 10.8	51.053	N	176.079	W	33	N	4.7		0.9	77	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	08 26 50.0?	51.41	N	175.74	W	33	N	3.8		0.8	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	09 51 42.2%	15.729	N	60.634	W	33	N			0.2	9	LEEWARD ISLANDS. ML 2.9 (FDF).
	17	11 48 31.2	46.297	N	2.124	E	10	G			0.7	9	FRANCE. ML 2.1 (LDG).
	17	12 41 29.4•	32.895	S	117.522	E	10	G	3.6		1.4	10	WESTERN AUSTRALIA

	17	13 11 13.8•	51.047	N	175.248	W	33	N	4.5		1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	13 16 39.5	39.029	N	26.242	E	10				1.4	20	TURKEY. ML 3.5; (ATH).
	17	13 18 59.6	27.568	N	139.875	E	480		4.7		0.7	80	BONIN ISLANDS REGION
	17	13 55 34.7%	39.484	N	28.398	E	10	G			0.4	6	TURKEY
	17	14 23 01.9%	41.061	N	28.563	E	10	G			0.3	6	TURKEY
	17	14 42 32.3•	28.386	N	142.401	E	33	N	4.4		0.9	12	BONIN ISLANDS REGION
	17	15 30 34.6%	39.389	N	28.426	E	10	G			0.5	9	TURKEY
	17	15 45 21.0	37.747	N	20.811	E	21		4.2		1.2	23	IONIAN SEA. ML 3.9 (ATH).
	17	16 20 16.3%	40.704	N	27.537	E	10	G			1.2	7	TURKEY
f	17	16 20 22.2	52.327	N	174.504	W	26	G	5.8	6.6	1.0	210	ANDREANOF ISLANDS, ALEUTIAN IS. Ms 6.5 (BRK), 6.5 (PAS). Slight damage (VI) on Atka. Felt strongly on Adak. Depth from broadband displacement seismograms.
	17	16 31 58.1	52.229	N	174.522	W	33	N	4.9		0.9	88	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	19 27 15.4•	51.309	N	15.535	E	10	G			0.6	9	POLAND. ML 3.1 (KBA), 3.4 (VKA).
	17	22 16 13.6	36.561	N	71.392	E	33	N	4.5		0.8	11	AFGHANISTAN–USSR BORDER REGION
	17	22 16 28.1	51.280	N	176.044	W	33	N	4.6		1.0	47	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	22 30 47.9%	39.356	N	28.331	E	10	G			0.5	5	TURKEY
	17	22 34 15.0•	6.839	N	73.137	W	165	•	4.8		1.2	13	NORTHERN COLOMBIA
	18	00 01 19.4	9.282	N	58.062	E	10	G	5.1	4.3	1.2	63	CARLSBERG RIDGE
	18	00 28 01.7%	39.406	N	28.329	E	10	G			0.6	9	TURKEY
	18	00 40 06.5	33.703	S	68.670	W	33	N			0.8	12	MENDOZA PROVINCE, ARGENTINA
	18	00 59 23.2%	39.414	N	28.372	E	10	G			0.6	10	TURKEY
	18	01 04 28.8%	39.333	N	28.317	E	10	G			0.8	7	TURKEY
	18	01 59 17.6	44.593	N	9.754	E	10	G			0.8	19	NORTHERN ITALY. ML 3.2 (LDG), 3.0 (KBA).
	18	02 05 27.6?	16.93	N	62.16	W	10	G			0.7	5	LEEWARD ISLANDS
	18	02 11 18.1%	39.420	N	28.391	E	10	G			0.5	10	TURKEY
	18	02 19 57.1•	3.645	N	123.185	E	519	•			1.0	13	CELEBES SEA
	18	03 06 11.2	44.534	N	9.758	E	10	G			1.3	25	NORTHERN ITALY. ML 3.4 (LDG), 3.3 (KBA).
	18	03 30 01.4&	59.252	N	139.137	W	18					16	SOUTHEASTERN ALASKA. <AGS-P>.
	18	04 09 55.9	62.411	N	124.091	W	10	G	4.3		1.4	26	NORTHWEST TERRITORIES, CANADA
	18	05 24 20.1	44.293	N	10.634	E	10	G			0.9	20	NORTHERN ITALY. ML 3.3 (LDG), 3.3 (KBA).
	18	05 49 51.3?	18.13	S	168.25	E	33	N	4.5		1.3	24	VANUATU ISLANDS
	18	06 15 00.9•	51.398	N	175.058	W	33	N	4.4		1.0	13	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
	18	08 01 14.5•	51.394	N	176.826	W	33	N	4.5		1.2	21	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	18	08 36 27.7?	30.41	S	71.95	W	33	N			1.4	12	NEAR COAST OF CENTRAL CHILE
	18	09 45 00.3?	39.91	N	30.10	E	10	G			0.5	7	TURKEY
	18	10 10 29.0%	39.370	N	28.434	E	10	G			1.2	10	TURKEY
	18	10 11 02.4•	21.163	S	68.904	W	160	•			1.3	11	CHILE–BOLIVIA BORDER REGION
	18	10 58 11.2	35.913	N	70.580	E	94	•	4.8		1.2	22	HINDU KUSH REGION
	18	12 00 11.8	40.445	N	22.602	E	9				1.4	19	GREECE. MG 3.0 (TIR).
	18	12 19 56.0?	28.14	N	140.81	E	33	N			0.8	6	BONIN ISLANDS REGION
	18	12 45 49.3	39.437	N	28.336	E	10	G			1.0	26	TURKEY
	18	12 50 51.9%	39.369	N	28.373	E	10	G			1.3	9	TURKEY
	18	12 58 11.6•	32.479	S	72.058	W	33	N			1.3	12	OFF COAST OF CENTRAL CHILE
	18	13 19 01.6	39.474	N	28.346	E	10	G			0.7	13	TURKEY
	18	13 48 48.2	39.425	N	28.370	E	10	G			0.3	10	TURKEY
	18	14 22 38.3	51.418	N	174.692	W	33	N	5.1	4.4	0.9	129	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	18	14 23 22.4	39.251	N	28.519	E	10	G			1.4	19	TURKEY
	18	14 27 37.5%	39.437	N	28.344	E	10	G			0.5	7	TURKEY
	18	15 10 55.2•	7.639	N	36.578	W	10	G	4.6		0.9	19	CENTRAL MID–ATLANTIC RIDGE
	18	15 26 41.0	51.774	N	175.228	W	33	N	4.9	4.5	0.8	117	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	18	15 33 24.5%	39.548	N	28.403	E	10	G			0.7	7	TURKEY
	18	15 44 41.4•	3.813	S	139.592	E	33	N	4.5		1.0	7	WEST IRIAN
	18	16 29 57.9•	40.767	N	23.888	E	10	G			1.1	8	GREECE
	18	16 34 49.3&	59.577	N	152.957	W	88					21	SOUTHERN ALASKA. <AGS-P>.
	18	17 09 10.9%	39.402	N	27.915	E	10	G			1.2	7	TURKEY
	18	17 30 42.4?	59.87	N	7.89	E	15	G			1.1	5	SOUTHERN NORWAY. MD 1.8 (BER).
	18	18 39 49.3	23.325	S	179.908	E	608	?	4.7		0.8	43	SOUTH OF FIJI ISLANDS
	18	18 44 57.3%	40.424	N	29.334	E	10	G			1.1	7	TURKEY
	18	19 14 00.2	51.616	N	174.735	W	33	N	4.7		1.0	59	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
	18	19 24 16.2•	16.206	N	61.252	W	30	•			0.2	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	18	19 33 32.6	42.896	N	18.794	E	10	G			1.0	8	YUGOSLAVIA. ML 2.6 (TTG).
	18	19 33 33.5	24.917	N	123.052	E	33	N	4.8		1.3	28	SOUTHWESTERN RYUKYU ISLANDS
	18	20 13 22.9•	6.441	S	129.908	E	33	N	4.6		1.5	10	BANDA SEA
	18	20 24 26.7?	51.35	N	175.90	W	33	N	4.0		1.4	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	20 26 01.2•	51.199	N	15.688	E	10	G			1.3	13	POLAND. ML 3.4 (KBA), 3.7 (VKA).
	18	21 11 55.4•	7.420	S	156.287	E	33	N	4.4		1.2	9	SOLOMON ISLANDS
	18	21 29 12.8	55.051	N	163.893	E	33	N	4.9	4.5	1.3	87	OFF EAST COAST OF KAMCHATKA
	18	21 55 18.8•	6.635	S	154.998	E	33	N	4.9		1.4	11	SOLOMON ISLANDS. Felt (II) at Arawo and Panguno, Bougainville.
	18	22 19 07.7•	52.252	N	175.035	W	33	N	4.6		0.9	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	22 32 47.4?	33.86	S	72.18	W	33	N			1.2	14	OFF COAST OF CENTRAL CHILE
	18	23 25 42.6•	18.320	N	103.257	W	33	N	4.5		1.5	29	NEAR COAST OF MICHOACAN, MEXICO. Felt slightly at Colima.
	19	00 09 32.3?	43.04	N	18.73	E	10	G			0.5	5	YUGOSLAVIA. ML 2.1 (TTG).
	19	01 18 56.2?	15.10	N	93.99	W	33	N	4.4		1.5	12	NEAR COAST OF CHIAPAS, MEXICO
a	19	02 37 34.9	52.284	N	174.941	W	33	N	5.1	5.2	0.9	175	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR), Ms 5.0 (BRK). Felt (II) on Adak and Atka.
	19	03 19 06.0	52.283	N	174.896	W	33	N	5.0		1.0	119	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	19	03 20 13.8%	28.623	S	68.417	W	5	G			0.5	6	LA RIOJA PROVINCE, ARGENTINA
	19	03 41 41.2?	33.81	S	71.93	W	33	N			1.4	11	NEAR COAST OF CENTRAL CHILE
	19	04 12 53.3&	33.890	N	118.390	W	10					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	19	04 25 48.0•	15.143	N	60.370	W	33	N			0.3	10	LEEWARD ISLANDS. ML 3.2 (FDF).
	19	05 49 30.2•	51.214	N	175.527	W	33	N	4.8		0.6	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	06 03 59.7&	60.216	N	141.034	W	5					9	SOUTHEASTERN ALASKA. <AGS-P>.
	19	06 05 40.3•	38.190	N	20.364	E	10	G			0.9	8	GREECE. ML 3.3 (ATH).
	19	06 25 06.9•	23.030	S	113.563	W	10	G	4.9	4.8	0.9	29	EASTER ISLAND REGION
	19	06 29 01.8	42.339	N	19.958	E	10	G			0.9	8	YUGOSLAVIA. ML 2.7 (TTG).
	19	06 52 35.4•	52.072	N	174.434	W	33	N	4.0		1.1	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	06 54 12.7%	39.430	N	28.358	E	10	G			1.3	6	TURKEY
	19	07 22 46.2•	44.122	N	10.440	E	10	G			1.1	12	NORTHERN ITALY. ML 3.1 (LDG), 3.0 (KBA).
	19	07 30 29.1	39.127	N	20.963	E	10	G			0.6	8	GREECE–ALBANIA BORDER REGION. MG 3.5 (TIR).
a	19	08 08 02.6	47.123	N	154.217	E	45	D	5.2	5.0	0.8	157	KURIL ISLANDS

	19	08	13	41.3?	47.48	N	154.09	E	33	N	4.9	1.0	9	KURIL ISLANDS
	19	09	50	15.6?	33.80	S	72.62	W	33	N		0.6	10	OFF COAST OF CENTRAL CHILE
	19	11	04	34.4&	61.964	N	150.757	W	67				22	SOUTHERN ALASKA. <AGS-P>.
	19	11	35	48.8?	52.12	N	174.95	W	33	N	3.8	1.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	11	47	31.3*	42.590	N	23.505	E	10	G		0.6	5	BULGARIA
	19	11	56	22.2?	43.99	N	5.82	E	10	G		1.2	5	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	19	12	36	30.3	28.416	S	69.089	W	113	D	5.1	1.2	84	CHILE-ARGENTINA BORDER REGION. Felt (III) at Copiapo and Vallenar, Chile.
a	19	13	02	43.8	12.617	S	167.301	E	33	N	5.3	1.2	99	SANTA CRUZ ISLANDS
	19	13	52	30.7*	75.573	N	111.442	E	10	G	4.6	1.4	41	NEAR COAST OF CENTRAL SIBERIA
	19	13	54	23.9?	46.06	N	148.35	E	33	N	4.6	0.4	10	NORTHWEST OF KURIL ISLANDS
	19	15	48	58.7?	34.67	N	26.27	E	10	G	3.8	0.9	7	CRETE
	19	16	47	06.4*	24.351	S	179.822	E	521	*	4.7	1.0	23	SOUTH OF FIJI ISLANDS
	19	17	15	15.9*	42.800	N	19.175	E	10	G		1.3	5	YUGOSLAVIA. ML 2.4 (TTG).
	19	17	58	45.6	4.002	N	125.794	E	33	N	5.2	1.5	57	TALAUD ISLANDS
	19	18	30	05.4	24.043	S	66.679	W	206		4.7	1.2	22	SALTA PROVINCE, ARGENTINA
	19	19	13	19.8?	7.87	S	127.80	E	206	?		0.5	5	BANDA SEA
	19	20	03	02.1*	7.921	S	106.794	E	33	N	4.7	1.4	11	JAVA
	19	20	21	52.1	51.230	N	179.348	W	33	N	4.7	0.8	69	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	20	42	53.4%	39.412	N	28.284	E	10	G		1.1	5	TURKEY
	19	20	49	57.6*	21.437	S	66.785	W	231	*	4.2	1.3	24	SOUTHERN BOLIVIA
	19	20	52	49.3	51.266	N	174.743	W	33	N	4.9	1.0	77	ANDREANOF ISLANDS, ALEUTIAN IS.
a	19	20	54	03.7	12.629	S	167.227	E	52	*	5.4 5.5	1.1	182	SANTA CRUZ ISLANDS. Ms 5.2 (BRK).
	19	20	56	17.5	36.557	N	71.333	E	221	*	4.2	0.8	45	AFGHANISTAN-USSR BORDER REGION
	19	21	26	24.9?	15.66	N	60.32	W	10	G		1.3	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	19	22	33	38.9%	16.653	N	60.675	W	10	G		0.7	6	LEEWARD ISLANDS
	19	23	10	15.6*	31.815	S	69.839	W	33	N		0.8	6	SAN JUAN PROVINCE, ARGENTINA
	19	23	26	46.2	51.801	N	179.712	W	33	N	5.2	0.9	62	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	23	55	03.1	44.139	N	141.302	E	198	?	4.5	1.0	19	HOKKAIDO, JAPAN REGION
	20	02	01	57.0*	51.378	N	175.080	W	33	N	4.0	0.9	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	03	37	02.7	36.192	N	120.783	W	10	G		0.5	12	CENTRAL CALIFORNIA. ML 2.6 (BRK).
	20	04	10	32.2	29.854	N	137.352	E	523		4.8	0.7	133	SOUTH OF HONSHU, JAPAN
	20	04	32	55.6?	33.74	S	71.85	W	33	N		1.3	14	NEAR COAST OF CENTRAL CHILE
f	20	05	25	46.9	24.125	N	121.619	E	19	G	6.1 6.4	1.2	382	TAIWAN. Ms 6.0 (BRK), 5.8 (PAS). One persan killed ond 5 injured in the Hua-lien area. Felt thraughout Taiwan. Depth fram broadband displacement seismagrams.
	20	05	37	30.6	24.054	N	121.594	E	31		5.5	1.2	184	TAIWAN. Felt an Taiwan.
	20	06	02	02.7	40.975	N	78.734	E	24	D	5.0	1.1	102	SOUTHERN XINJIANG, CHINA
	20	07	07	40.4	41.232	N	78.699	E	56	*	4.8	0.9	28	KIRGHIZ-XINJIANG BORDER REGION
	20	07	29	49.4*	35.326	N	6.121	E	10	G	4.3	1.2	16	ALGERIA. Felt in the Constantine-Batna area.
	20	07	32	07.4*	41.005	N	78.403	E	10	G	4.7	0.8	8	KIRGHIZ-XINJIANG BORDER REGION
	20	07	43	37.5	38.489	N	26.814	E	14			1.0	19	AEGEAN SEA. ML 3.8 (ATH).
	20	09	43	19.0*	7.144	S	128.895	E	188	?	4.5	1.0	9	BANDA SEA
	20	10	12	27.8?	51.60	N	175.07	W	33	N	4.3	1.3	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	10	22	57.6	42.093	N	126.741	W	10	G	4.6 4.3	1.1	31	OFF COAST OF OREGON
	20	10	37	48.4?	47.96	N	8.67	E	10	G		1.5	5	SWITZERLAND. ML 1.7 (KBA).
	20	10	53	20.1*	51.378	N	175.211	W	33	N	4.9	1.3	32	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	11	08	31.1*	51.003	N	176.351	W	33	N	4.8	0.7	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	11	49	59.9?	51.35	N	175.02	W	33	N	4.0	0.3	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	11	50	17.5	51.377	N	175.183	W	33	N	4.6	1.0	50	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	11	54	03.9	31.548	S	68.152	W	10	G		0.9	14	SAN JUAN PROVINCE, ARGENTINA
	20	13	48	34.9	51.101	N	176.460	W	33	N	4.8	1.0	50	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	14	14	27.6*	7.906	S	127.982	E	33	N	4.9	1.1	8	BANDA SEA
	20	14	15	29.2*	63.010	N	150.480	W	122	*		0.7	11	CENTRAL ALASKA
	20	14	19	59.8?	33.72	S	71.69	W	33	N		1.2	11	NEAR COAST OF CENTRAL CHILE
	20	14	40	17.7*	51.025	N	176.391	W	33	N	4.7	0.5	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	14	44	01.5?	40.42	N	23.48	E	10	G		1.4	6	GREECE
	20	15	56	52.4?	31.33	N	51.64	E	33	N	4.3	1.5	5	IRAN
	20	16	03	12.2	39.441	N	28.359	E	10	G		0.8	18	TURKEY
	20	16	34	09.4?	15.08	S	76.57	W	33	N		1.0	7	OFF COAST OF PERU
	20	17	26	40.6*	14.723	S	76.089	W	33	N	4.4	1.5	8	NEAR COAST OF PERU
	20	18	10	06.8?	51.36	N	175.91	W	33	N	3.8	1.3	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	20	41	36.7*	51.703	N	179.564	W	33	N	4.2	0.9	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	21	10	16.3%	39.419	N	28.415	E	10	G		0.4	6	TURKEY
a	20	21	57	06.2	7.305	S	106.492	E	61		5.6	1.1	173	JAVA. Felt (III) an Bali.
	20	22	59	17.1?	45.56	N	0.09	W	10	G		1.2	5	FRANCE. ML 2.5 (LDG).
	20	23	27	46.4?	33.66	S	72.06	W	33	N		1.0	13	OFF COAST OF CENTRAL CHILE
	21	00	33	50.6*	63.575	N	147.278	W	33	N		1.1	5	CENTRAL ALASKA. ML 2.8 (PMR).
	21	01	15	06.5%	30.978	S	68.225	W	33	N		1.3	5	SAN JUAN PROVINCE, ARGENTINA
a	21	01	45	24.9	14.368	N	20.141	W	10	G	5.2 4.8	0.9	14B	NORTH ATLANTIC OCEAN. Believed to be the first instrumentally located hypocenter in this area.
	21	02	14	09.2	65.483	N	141.302	W	33	N	3.7	0.4	9	ALASKA. ML 3.5 (PMR).
	21	03	13	46.0	32.708	S	71.567	W	49	*	4.7	1.1	39	NEAR COAST OF CENTRAL CHILE. Felt (V) at Valparaisa and (III) at Santiago.
	21	03	19	31.7	80.704	N	120.368	W	10	G	4.7	1.1	31	ARCTIC OCEAN. mbLg 4.2 (OTT).
	21	03	56	56.2	3.454	S	76.697	W	121		4.9	1.0	57	NORTHERN PERU
	21	04	09	17.6*	43.086	N	145.412	E	93	*	4.3	1.2	10	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Kushiro and Nemuro.
	21	04	11	14.3&	59.171	N	153.635	W	107				27	SOUTHERN ALASKA. <AGS-P>.
	21	05	08	43.5*	33.751	S	178.817	W	33	N	4.9	1.2	11	SOUTH OF KERMADEC ISLANDS
	21	05	43	20.7&	50.342	N	130.009	W	10	G	3.7		14	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.4 (PGC).
f	21	05	47	10.8	43.684	N	148.416	E	39	D	6.1 6.2	1.1	353	KURIL ISLANDS REGION. Ms 6.2 (PAS), 6.1 (BRK). Felt (III) at Yuzhno-Kurilsk. Felt (I JMA) at Nemuro, Hokkaido.
	21	06	16	16.4*	43.734	N	148.397	E	40	D	5.1	1.1	71	KURIL ISLANDS REGION
	21	06	52	08.6	43.639	N	148.531	E	39	D	5.1	0.9	100	KURIL ISLANDS REGION
	21	07	05	13.0	51.320	N	176.192	W	33	N	4.6	1.1	34	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR). Felt (III) on Adak.
	21	07	06	25.6	19.527	S	174.179	W	110	*	5.2	1.2	97	TONGA ISLANDS
	21	07	12	05.8&	31.612	N	117.006	W	8	G			4	OFF W. COAST OF BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).
	21	07	44	30.2*	24.001	S	66.754	W	222	*		0.2	8	SALTA PROVINCE, ARGENTINA
	21	07	49	03.5	38.877	N	21.089	E	10	G		0.6	8	GREECE. ML 3.5 (ATH).
	21	08	00	38.8?	17.84	N	145.43	E	33	N	4.5	1.2	6	MARIANA ISLANDS

	21	09 09 54.9?	59.35	N	6.82	E	10	G			0.9	5	SOUTHERN NORWAY. MD 1.9 (BER).
	21	10 03 59.4	4.760	S	103.153	E	73	*	5.3		0.9	44	SOUTHERN SUMATERA
	21	10 27 27.6	42.355	N	19.890	E	10	G			0.6	7	YUGOSLAVIA. MD 2.4 (TTG).
	21	10 30 56.9?	17.89	S	178.67	W	614	*	4.6		1.1	27	FIJI ISLANDS REGION
	21	10 34 43.3	59.597	N	164.529	E	33	N	4.9		0.8	58	KAMCHATKA
	21	10 49 08.5%	31.124	S	68.475	W	33	N			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	21	12 38 53.4&	59.780	N	153.635	W	135					21	SOUTHERN ALASKA. <AGS-P>.
	21	13 33 00.5	36.605	N	121.212	W	10	G			0.5	15	CENTRAL CALIFORNIA. ML 2.6 (BRK).
	21	13 59 00.0&	37.125	N	116.060	W	0					33	SOUTHERN NEVADA. <DOE>. ML 3.9 (BRK). 37° 07' 30.12" N., 116° 03' 37.40" W., Surface Elev. 1286 m., Depth of Buriol 500 m., Shot Time 135900.083, "PANAMINT", Nevodo Test Site (Dept. of Energy).
	21	14 22 21.6?	59.79	N	164.12	E	33	N	4.2		0.4	5	KAMCHATKA
	21	14 39 57.6%	42.346	N	26.272	E	10	G			1.3	5	BULGARIA
	21	14 52 20.4	23.962	N	121.628	E	33	N	4.4		0.9	19	TAIWAN
	21	16 59 50.3%	48.032	N	6.683	E	10	G			0.6	6	FRANCE. ML 2.4 (LDG)..
	21	17 29 33.7?	2.03	S	100.53	E	33	N			0.8	5	SOUTHERN SUMATERA
	21	17 30 02.0	51.329	N	175.509	W	33	N	4.8	4.7	1.0	39	ANDREANOF ISLANDS, ALEUTIAN IS.
	21	17 51 43.5	43.847	N	148.324	E	33	N	5.0		1.0	43	KURIL ISLANDS REGION
	21	20 27 18.2	38.443	N	25.189	E	10	G			0.9	11	AEGEAN SEA. ML 3.6 (ATH).
	21	20 42 24.6*	25.370	S	116.607	E	10	G			1.2	8	WESTERN AUSTRALIA
	21	20 43 05.9*	38.547	N	25.016	E	10	G			1.4	7	AEGEAN SEA. ML 3.4 (ATH).
	21	21 45 04.8*	9.878	S	119.352	E	33	N	4.1		1.6	12	SUMBA ISLAND REGION
	21	21 57 09.2*	49.119	N	6.974	E	10	G			1.2	5	GERMANY. ML 2.3 (LDG).
	21	22 12 16.4	51.832	N	175.400	W	33	N	4.8		0.9	66	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR). Felt (II) on Adak.
	21	23 00 57.0?	31.22	S	68.36	W	113	?			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	21	23 28 00.8	60.314	N	140.503	W	16		4.6		0.9	66	SOUTHEASTERN ALASKA. ML 4.3 (PMR).
	21	23 51 41.6?	10.35	S	161.86	E	33	N	4.6		1.4	6	SOLOMON ISLANDS
	22	02 04 12.9*	30.988	S	68.724	W	33	N			1.4	5	SAN JUAN PROVINCE, ARGENTINA
	22	02 05 32.8	32.790	S	71.742	W	45	*	4.4		1.1	27	NEAR COAST OF CENTRAL CHILE. Felt (III) at Santiago.
	22	02 12 38.2?	30.57	S	69.63	W	33	N			0.9	5	CHILE-ARGENTINA BORDER REGION
	22	02 30 07.5?	7.49	S	128.12	E	344	?	4.3		1.6	8	BANDA SEA
	22	02 38 14.6*	12.311	S	77.131	W	66	*	4.7		1.0	24	NEAR COAST OF PERU. Felt (IV) at Limo and (III) at Chilco.
	22	02 48 30.5?	14.14	N	61.18	W	33	N			1.5	7	WINDWARD ISLANDS. ML 2.9 (FDF).
	22	04 24 50.9%	39.408	N	28.354	E	10	G			0.9	6	TURKEY
	22	04 42 21.7*	12.583	S	167.407	E	33	N	5.0		1.2	26	SANTA CRUZ ISLANDS
	22	05 14 02.7	12.370	N	93.236	E	103	?	4.9		0.9	12	ANDAMAN ISLANDS REGION
	22	05 17 48.2?	15.46	N	62.16	W	33	N			1.0	6	LEEWARD ISLANDS
	22	05 52 29.2	38.155	N	23.228	E	33	N	4.4		1.1	90	GREECE. ML 4.2 (ATH). Felt in centrol Greece.
	22	06 28 55.4*	22.544	N	144.729	E	33	N	4.8		1.0	23	VOLCANO ISLANDS REGION
	22	07 24 35.9&	61.889	N	147.357	W	30		3.5			38	SOUTHERN ALASKA. <AGS-P>.
	22	08 00 24.4	32.555	S	71.723	W	50	*	4.9		1.2	48	NEAR COAST OF CENTRAL CHILE
	22	08 50 57.6	48.107	N	7.318	E	10	G			1.0	9	FRANCE. ML 2.9 (LDG).
	22	08 54 46.1%	39.140	N	27.789	E	10	G			0.8	8	TURKEY
	22	09 19 51.2*	38.785	N	20.668	E	10	G			1.5	5	GREECE. ML 3.9 (ATH).
	22	09 38 38.4*	10.484	S	120.155	E	33	N	4.3		1.0	5	SUMBA ISLAND REGION
a	22	10 29 50.6	43.728	N	148.433	E	42	D	5.2	4.5	0.9	129	KURIL ISLANDS REGION
	22	11 26 45.0*	26.059	S	179.930	E	510	?	4.6		1.0	13	SOUTH OF FIJI ISLANDS
	22	11 41 30.8?	24.01	S	179.90	E	597	?	4.5		0.6	9	SOUTH OF FIJI ISLANDS
	22	11 48 13.5?	51.58	N	175.68	W	33	N	4.5		0.9	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	12 32 28.8*	43.163	N	26.031	E	5	G			1.4	6	BULGARIA
	22	13 29 52.4	46.925	N	145.190	E	373	D	5.0		0.9	137	SEA OF OKHOTSK
	22	13 36 21.1%	39.151	N	27.741	E	10	G			0.4	6	TURKEY
	22	13 39 07.1	43.682	N	148.441	E	34	D	4.8		0.8	57	KURIL ISLANDS REGION
	22	13 47 12.9?	36.36	N	1.58	E	10	G			1.2	7	ALGERIA. MG 3.3 (MDD).
	22	14 10 13.0	52.877	N	160.079	E	33	N	5.1		0.9	71	OFF EAST COAST OF KAMCHATKA
	22	14 44 54.5*	31.644	N	91.075	E	33	N	4.8		0.5	7	TIBET
	22	14 49 29.0*	54.039	N	164.923	W	77	*	4.5		1.2	11	UNIMAK ISLAND REGION
	22	14 55 57.5&	62.204	N	148.887	W	46					22	CENTRAL ALASKA. <AGS-P>.
	22	15 02 06.3?	36.05	N	70.48	E	33	N	4.5		0.5	5	HINDU KUSH REGION
	22	15 54 04.3*	0.682	N	25.459	W	10	G	4.8		1.3	19	CENTRAL MID-ATLANTIC RIDGE
	22	16 18 00.2*	50.394	N	174.985	W	33	N	4.8		0.9	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	16 24 52.3*	51.201	N	175.582	W	33	N	4.5		0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	17 47 23.8	23.934	N	121.686	E	29		4.9	4.8	1.2	72	TAIWAN. Felt on northeastern Toiwan.
	22	17 56 46.3	8.212	S	105.615	E	21	D	5.1	4.5	1.2	57	SOUTH OF JAVA
	22	19 25 43.9	32.589	N	121.584	E	33	N	4.6		1.3	31	EASTERN CHINA. Felt in northern Shanghoi.
a	22	19 52 21.8	34.630	N	26.528	E	43		5.1	5.2	1.1	208	CRETE
	22	20 17 22.6?	59.33	N	6.83	E	10	G			1.1	5	SOUTHERN NORWAY. MD 2.2 (BER).
	22	20 34 30.9*	34.713	N	26.579	E	33	N	3.9		1.1	10	CRETE
	22	21 00 01.1	23.982	N	121.729	E	31		5.0		1.1	58	TAIWAN. Felt on northeastern Toiwan.
	22	21 02 35.1?	34.67	N	26.75	E	33	N			1.7	5	CRETE
	22	21 37 21.2	7.112	S	117.160	E	603		5.0		0.9	56	BALI SEA
	22	23 39 34.2%	39.126	N	27.853	E	10	G			1.0	6	TURKEY
	22	23 41 38.9	30.529	N	141.919	E	33	N	4.7		0.9	54	SOUTH OF HONSHU, JAPAN
	22	23 52 02.7*	51.421	N	15.988	E	10	G			0.5	12	POLAND. ML 3.5 (VKA), 3.5 (KBA).
	23	00 32 06.6%	39.154	N	27.740	E	10	G			0.7	10	TURKEY
	23	01 00 13.2?	15.28	N	61.18	W	176	?			0.7	9	LEEWARD ISLANDS
	23	01 32 04.7*	31.333	N	140.180	E	33	N	4	4	0.9	8	SOUTH OF HONSHU, JAPAN
	23	01 34 41.2	31.200	N	140.289	E	21	*	4.9		1.3	42	SOUTH OF HONSHU, JAPAN
	23	01 37 52.7*	49.128	N	6.814	E	10	G			0.8	6	GERMANY. ML 2.0 (LDG).
	23	02 45 47.4?	39.43	N	28.37	E	10	G			0.2	5	TURKEY
	23	03 00 03.4	11.761	N	142.319	E	33	N	5.1		1.0	71	SOUTH OF MARIANA ISLANDS
	23	06 11 14.1*	13.042	N	57.762	E	10	G	4.9		0.8	33	ARABIAN SEA
	23	06 30 08.0*	2.684	S	138.551	E	33	N	4.4		1.2	11	WEST IRIAN
	23	06 49 57.8*	21.398	S	66.349	W	233	*	4.3		0.6	8	SOUTHERN BOLIVIA
	23	07 19 06.4?	51.14	N	176.13	W	33	N	4.9		1.3	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	23	07 43 35.7%	39.469	N	28.371	E	10	G			0.6	6	TURKEY
	23	07 48 37.0%	39.413	N	28.383	E	10	G			0.3	5	TURKEY
	23	08 26 48.6?	13.69	N	92.99	W	33	N	4.2		1.3	7	OFF COAST OF CHIAPAS, MEXICO
	23	08 45 26.0	62.988	N	150.456	W	115	?	3.6		0.8	10	CENTRAL ALASKA
	23	09 19 48.3	34.367	N	26.727	E	33	N	3.9		1.3	22	CRETE

	23	09	51	14.3*	31.629	N	91.210	E	33	N	4.9		1.2	12	TIBET
o	23	09	51	24.4	12.699	N	48.179	E	10	G	5.5	5.4	1.1	219	EASTERN GULF OF ADEN
	23	10	08	34.8?	38.75	N	26.26	E	10	G			1.4	6	AEGEAN SEA. ML 3.3 (ATH).
	23	10	16	40.1%	39.305	N	28.350	E	10	G			0.6	5	TURKEY
	23	10	48	54.9%	39.408	N	27.881	E	10	G			0.7	5	TURKEY
	23	11	03	56.3*	20.062	S	168.492	E	33	N	5.1		1.3	17	LOYALTY ISLANDS
	23	11	41	55.0&	35.810	N	118.020	W	10		3.6			32	CENTRAL CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (BRK). Felt (IV) at Lake Isabella, Edison and Wofford Heights. Felt (III) at Ducor and Tehachapi. Also felt at Bakersfield and Onyx.
	23	14	42	06.5?	40.33	N	19.40	E	10	G			1.1	5	ALBANIA
	23	16	25	16.7*	7.456	S	128.686	E	190	*	4.6		1.4	13	BANDA SEA
	23	20	31	59.7*	36.367	N	70.957	E	142	?	4.6		1.1	17	HINDU KUSH REGION
	23	21	27	05.4*	49.013	N	6.713	E	10	G			1.2	5	GERMANY
	23	21	56	59.6*	42.353	N	18.965	E	10	G			0.3	5	YUGOSLAVIA. ML 2.3 (TTG).
o	23	23	18	42.2	58.906	N	153.377	W	80	D	5.0		1.0	183	KODIAK ISLAND REGION. Felt (III) at Homer and Kodiak.
	23	23	40	00.3*	51.257	N	178.993	E	33	N	4.6		1.0	12	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.1 (PMR).
	24	02	22	59.5?	5.23	S	131.01	E	33	N	4.7		1.4	6	BANDA SEA
	24	04	02	12.7&	31.880	N	115.690	W	6	G				11	BAJA CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	24	06	35	42.8*	20.076	N	45.714	W	10	G	4.7		1.0	14	NORTH ATLANTIC RIDGE
	24	07	09	28.1%	46.170	N	26.987	E	10	G			0.7	6	ROMANIA
	24	07	34	31.7&	31.764	N	116.121	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).
	24	08	07	53.3*	63.096	N	150.911	W	129		4.2		0.9	17	CENTRAL ALASKA
	24	08	08	24.2	33.035	N	131.188	E	10	G			0.6	14	KYUSHU, JAPAN. Felt (IV JMA) at Asoson, (II JMA) at Nobeoka and Oita, and (I JMA) at Fukuoka, Kumomoto and Saga.
	24	08	16	00.9*	35.215	N	92.189	W	5	G			0.6	7	ARKANSAS. mbLg 3.0 (TUL).
	24	08	56	29.4&	35.260	N	118.580	W	6	G				13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	24	09	47	42.3%	40.493	N	29.218	E	10	G			0.5	7	TURKEY
	24	09	58	13.4	23.981	N	121.743	E	24		4.7		1.1	77	TAIWAN. Felt on northeastern Taiwan.
	24	10	02	08.3	23.979	N	121.703	E	24		4.8		1.0	35	TAIWAN. Felt on northeastern Taiwan.
	24	10	02	11.6*	14.917	S	167.552	E	162	?	4.2		0.9	13	VANUATU ISLANDS
	24	10	09	38.2?	16.65	N	98.47	W	33	N			1.7	5	NEAR COAST OF GUERRERO, MEXICO
	24	10	37	02.2%	39.264	N	28.343	E	10	G			1.4	10	TURKEY
	24	10	39	42.8	15.527	N	95.646	W	33	N	4.9	5.2	1.0	99	NEAR COAST OF OAXACA, MEXICO
o	24	10	43	35.9	15.575	S	173.051	W	33	N	5.4	5.8	1.1	153	TONGA ISLANDS. Ms 5.6 (PAS).
	24	10	57	51.2?	29.45	S	72.09	W	33	N			0.8	9	OFF COAST OF CENTRAL CHILE
	24	12	01	54.0?	19.26	S	175.39	W	33	N	4.9		1.5	9	TONGA ISLANDS
	24	12	48	12.2	36.601	N	89.937	W	5	G			0.6	8	NEW MADRID, MISSOURI REGION. mbLg 3.4 (NEIS), 3.4 (TUL). Felt (IV) at Broseley, Compbell, Point Pleasant, Malden, Parma, Portageville and Risco, Missouri. Felt (III) at Canalou, Cotron, Dudley, Fisk, Kewanee, New Madrid, Steele and Tallapoosa, Missouri. Also felt (III) at Pollard, Arkansas and Tiptonville, Tennessee.
	24	13	06	14.8*	20.989	S	68.918	W	147	*			1.2	7	CHILE-BOLIVIA BORDER REGION
	24	13	27	42.4&	58.701	N	155.325	W	4					15	ALASKA PENINSULA. <AGS-P>.
	24	13	45	47.7&	61.179	N	152.060	W	93					20	SOUTHERN ALASKA. <AGS-P>.
	24	14	31	48.0&	66.840	N	93.480	W	18		4.1			9	NORTHWEST TERRITORIES, CANADA. <OTT>. mbLg 4.0 (OTT).
	24	14	58	50.8?	59.38	N	6.70	E	10	G			1.1	5	SOUTHERN NORWAY. MD 1.7 (BER).
	24	15	21	18.2*	22.132	S	68.762	W	125	*			1.6	7	NORTHERN CHILE
o	24	15	31	52.6	35.977	N	69.065	E	45	*	5.2	4.6	1.0	169	HINDU KUSH REGION. Felt (II) at Khorog and Dusti, USSR.
	24	16	11	35.4?	26.38	S	179.74	W	476	?	5.0		0.8	13	SOUTH OF FIJI ISLANDS
	24	16	24	17.0?	14.94	N	93.80	W	33	N	4.5		1.3	15	NEAR COAST OF CHIAPAS, MEXICO
	24	16	44	58.6	51.113	N	176.204	W	33	N	4.6		1.0	36	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	17	01	17.1	1.437	S	77.785	W	179		4.5		0.8	62	ECUADOR
	24	17	35	53.5	5.622	S	133.837	E	33	N	5.0	4.6	1.3	72	AROE ISLANDS REGION
	24	18	40	47.9*	51.804	N	174.705	W	33	N	4.6		1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	19	09	38.1?	15.86	N	60.66	W	33	N			1.2	5	LEEWARD ISLANDS. ML 2.5 (PAG).
	24	19	58	21.9	9.562	S	151.845	E	33	N	5.0		1.3	14	DENTRECASTEAUX ISLANDS REGION
	24	20	58	24.8?	44.09	N	148.21	E	33	N	4.6		0.7	12	KURIL ISLANDS
	25	00	09	58.6?	2.04	S	151.76	E	33	N	4.6		1.3	8	NEW IRELAND REGION
	25	00	33	03.9	51.679	N	175.236	W	33	N	5.0	4.3	1.0	76	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	00	34	18.7	37.487	N	121.669	W	5	G			1.0	10	CENTRAL CALIFORNIA. ML 2.8 (BRK).
	25	01	19	55.9*	43.494	N	7.930	E	10	G			0.2	5	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
	25	01	33	24.8*	40.395	N	19.401	E	10	G			1.5	11	ALBANIA. ML 3.2 (TTG).
	25	01	49	08.1	10.634	N	85.952	W	57	*	4.7	4.0	1.3	55	COSTA RICA
o	25	03	09	19.7*	31.911	S	57.067	E	10	G	5.1		1.2	27	ATLANTIC-INDIAN RISE
	25	03	46	02.8&	36.762	N	121.248	W	9					15	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
	25	04	40	21.8*	32.629	S	71.683	W	16				0.8	15	NEAR COAST OF CENTRAL CHILE
	25	04	53	15.0*	41.784	N	22.687	E	10	G			0.9	5	YUGOSLAVIA. MG 2.6 (SKO).
	25	07	13	22.1	43.937	N	98.289	W	5	G			0.7	9	SOUTH DAKOTA. mbLg 3.4 (NEIS), 3.6 (TUL). Felt (IV) at Letcher, Mount Vernon, Plankington and Stickney. Felt (III) at Woonsocket.
	25	07	16	59.5*	51.130	N	176.039	W	33	N	4.8		1.0	19	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).
	25	08	02	29.3?	52.01	N	17.05	E	10	G			0.5	9	POLAND. ML 3.5 (VKA), 3.3 (KBA).
	25	08	49	59.7?	26.08	S	179.70	E	564	?	4.5		0.8	6	SOUTH OF FIJI ISLANDS
	25	08	57	24.1*	31.483	N	141.650	E	33	N	5.2		0.9	6	SOUTH OF HONSHU, JAPAN
	25	09	38	07.7%	38.890	N	27.489	E	10	G			0.8	5	TURKEY
	25	09	51	03.7&	38.792	N	122.770	W	5	G				15	NORTHERN CALIFORNIA. <BRK>. ML 3.5 (BRK).
	25	09	55	05.1*	38.323	N	25.172	E	10	G			0.7	6	AEGEAN SEA. ML 3.4 (ATH).
	25	10	27	44.8&	36.230	N	94.877	W	5	G				4	ARKANSAS-OKLAHOMA BORDER REGION. <TUL>. MD 2.2 (TUL).
	25	11	38	56.8	36.465	N	70.720	E	189	*	4.4		1.1	20	HINDU KUSH REGION
	25	11	57	16.3*	6.478	S	147.578	E	93	*	4.2		1.0	13	EAST PAPUA NEW GUINEA REGION
o	25	12	25	19.3	23.991	S	175.869	W	33	N	5.4	4.9	1.4	79	TONGA ISLANDS REGION
	25	12	56	37.3	11.037	S	165.926	E	33	N	5.3	4.5	0.8	77	SANTA CRUZ ISLANDS
	25	13	09	02.2*	42.817	N	0.171	E	10	G			1.2	7	PYRENEES. ML 3.1 (LDG).
	25	13	28	18.3	39.618	N	25.256	E	10	G			1.1	15	AEGEAN SEA. ML 3.5 (ATH).
	25	14	00	56.6*	15.959	N	60.667	W	10	G			0.5	6	LEEWARD ISLANDS. ML 2.5 (PAG).
	25	15	10	42.7*	32.293	N	60.489	E	33	N	4.4		1.1	17	IRAN
	25	15	55	37.9*	6.128	S	151.364	E	33	N			1.7	5	NEW BRITAIN REGION
	25	15	59	18.9?	19.17	S	34.49	E	10	G	4.6		1.6	5	MOZAMBIQUE
	25	16	57	31.1	43.206	N	26.017	E	10	G			0.9	12	BULGARIA
	25	17	00	38.5*	35.415	N	106.881	E	33	N	4.0		1.3	11	GANSU PROVINCE, CHINA

	25	17	35	50.9*	38.449	N	74.053	E	33	N	4.6		1.4	17	TAJIK-XINJIANG BORDER REGION
	25	19	23	10.3	51.389	N	176.138	W	33	N	4.7		0.9	42	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).
	25	19	52	54.5?	45.54	N	26.19	E	135	?			0.8	7	ROMANIA
	25	20	18	15.0&	61.952	N	148.865	W	11					36	SOUTHERN ALASKA. <AGS-P>. ML 3.0 (PMR).
	25	20	43	50.1	17.138	S	65.198	W	33	N	4.8		1.1	18	BOLIVIA
	25	21	02	05.8%	39.410	N	28.402	E	10	G			0.5	11	TURKEY
	25	23	08	07.2?	45.26	N	27.41	E	10	G			0.4	5	ROMANIA
	25	23	21	58.6%	39.413	N	28.361	E	10	G			1.0	8	TURKEY
	25	23	23	05.5	39.447	N	28.354	E	10	G			0.6	22	TURKEY
	25	23	32	08.2	51.416	N	174.807	W	33	N	4.8		0.9	63	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).
	25	23	38	18.5	39.460	N	28.353	E	10	G			0.7	13	TURKEY
	26	00	10	01.9%	39.358	N	28.533	E	10	G			1.0	11	TURKEY
a	26	00	16	24.4	16.202	S	172.859	W	33	N	5.2	5.4	1.3	128	SAMOA ISLANDS REGION
	26	00	19	15.4	43.163	N	25.980	E	10	G			1.0	12	BULGARIA
	26	01	01	54.1%	40.286	N	29.478	E	10	G			0.4	6	TURKEY
	26	01	53	04.1?	48.58	N	157.10	E	33	N	4.7		1.1	10	KURIL ISLANDS REGION
	26	02	09	04.6	7.092	N	126.116	E	49		5.1	4.3	1.0	78	MINDANAO, PHILIPPINE ISLANDS
	26	02	59	35.6	40.129	N	141.116	E	21		5.0	4.3	1.0	92	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Miyako and (II JMA) at Hachinahe, Morioka and Ofunato.
	26	03	11	31.8	40.113	N	141.130	E	10	G	4.8		1.0	47	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Morioka and (I JMA) at Hachinahe and Ofunato.
	26	03	34	50.1	56.538	N	115.878	E	33	N	4.9		0.8	49	EAST OF LAKE BAIKAL. Felt (II) at Badaybo.
	26	05	55	13.9*	27.778	S	128.913	E	10	G			1.0	8	WESTERN AUSTRALIA. ML 4.3 (ASPA).
	26	06	19	24.5*	3.120	S	127.864	E	54	*	5.0		1.1	20	CERAM
	26	06	20	37.2%	28.292	S	67.920	W	128	?			1.2	7	LA RIOJA PROVINCE, ARGENTINA
	26	07	41	06.3*	24.096	S	66.862	W	204	*			1.5	11	SALTA PROVINCE, ARGENTINA
	26	08	12	28.6*	27.658	N	140.114	E	33	N	4.7		1.3	20	BONIN ISLANDS REGION
	26	08	58	10.8%	39.245	N	27.703	E	10	G			0.7	5	TURKEY
	26	09	32	36.5?	6.92	S	72.21	E	10	G	4.5		1.4	7	CHAGOS ARCHIPELAGO REGION
	26	10	28	12.6?	31.18	S	68.46	W	113	?			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	26	10	43	32.1	27.374	N	140.804	E	33	N	4.7		1.1	19	BONIN ISLANDS REGION
	26	10	55	16.6	43.038	N	0.409	W	10	G			1.1	9	PYRENEES. ML 3.0 (LDG).
	26	12	22	59.0%	39.374	N	28.412	E	10	G			1.0	10	TURKEY
	26	14	31	41.0&	61.364	N	150.946	W	65					32	SOUTHERN ALASKA. <AGS-P>.
	26	14	47	47.9*	27.166	N	127.320	E	122		4.4		0.9	14	RYUKYU ISLANDS
	26	15	46	30.4	43.184	N	26.003	E	10	G			1.0	11	BULGARIA
	26	16	52	33.5*	15.141	N	122.292	E	53	*			0.8	10	PHILIPPINE ISLANDS REGION
	26	17	14	06.3	8.182	S	117.687	E	33	N	4.8		1.1	32	SUMBAWA ISLAND REGION
	26	18	04	36.1*	28.142	N	140.653	E	33	N			1.2	12	BONIN ISLANDS REGION
f	26	18	40	44.2	21.819	S	179.079	W	583	G	6.1		1.0	436	FIJI ISLANDS REGION. mb 5.9 (BRK), 5.7 (PAS). Felt slightly at Suva. Felt on Raoul Island, Kermadec Islands. Depth from broadband displacement seismograms.
a	26	19	06	15.9	20.190	S	178.860	E	538	G	6.4		0.9	508	SOUTH OF FIJI ISLANDS. mb 6.7 (BRK), 6.3 (PAS). Felt on Raoul Island, Kermadec Islands. Depth from broadband displacement seismograms.
	26	19	30	44.1?	29.45	S	71.64	W	33	N			1.2	10	NEAR COAST OF CENTRAL CHILE
	26	19	48	36.3	20.726	S	177.814	E	623		5.5		1.2	159	SOUTH OF FIJI ISLANDS. Felt (II) at Suva.
	26	19	56	32.9	37.159	N	121.556	W	5	G			0.5	12	CENTRAL CALIFORNIA. ML 2.9 (BRK).
	26	20	29	29.6	9.001	N	126.591	E	54	*	4.9		1.2	71	MINDANAO, PHILIPPINE ISLANDS
	26	20	33	12.5*	8.928	N	126.649	E	40	?	4.7		0.9	13	MINDANAO, PHILIPPINE ISLANDS
	26	20	36	03.1	41.885	N	25.355	E	10	G			1.3	11	GREECE-BULGARIA BORDER REGION
	26	20	37	41.2	8.978	N	126.565	E	78	*	4.4		1.2	34	MINDANAO, PHILIPPINE ISLANDS
	26	21	02	05.7%	39.400	N	28.424	E	10	G			0.5	9	TURKEY
	26	21	07	01.7	29.009	N	51.805	E	33	N	4.6		1.1	31	SOUTHERN IRAN
	26	22	39	28.2%	38.842	N	27.539	E	10	G			0.2	5	TURKEY
	26	23	00	20.6*	51.781	N	174.550	W	33	N	4.7		0.8	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	26	23	09	58.3*	50.547	N	174.640	W	33	N	4.8		0.5	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	26	23	12	29.8	30.401	N	103.310	E	33	N	4.2		1.0	10	SICHUAN PROVINCE, CHINA
	26	23	21	58.7%	39.413	N	28.361	E	10	G			1.0	8	TURKEY
	26	23	23	05.4%	39.456	N	28.348	E	10	G			0.5	14	TURKEY
	26	23	38	18.5%	39.461	N	28.350	E	10	G			0.7	12	TURKEY
	26	23	51	31.3	39.214	N	22.356	E	10	G			0.8	10	GREECE. ML 3.2 (ATH).
	27	00	07	18.4&	31.690	N	115.887	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).
	27	00	49	30.9&	31.310	N	116.160	W	6	G				15	BAJA CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	27	01	08	21.3*	39.415	N	20.592	E	10	G			1.4	5	GREECE-ALBANIA BORDER REGION
	27	02	14	17.2*	14.945	N	60.441	W	33	N			0.4	9	WINDWARD ISLANDS. ML 2.7 (FDF).
	27	02	15	01.4?	53.50	S	9.27	E	10	G	4.8		1.6	8	SOUTHWEST OF AFRICA
	27	02	24	40.0?	50.69	N	174.71	W	33	N	4.3		0.7	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	27	02	33	22.9	38.905	N	27.435	E	10	G			1.0	11	TURKEY
	27	02	33	54.4	19.668	N	65.194	W	10	G	4.1	3.5	1.1	33	PUERTO RICO REGION
	27	02	44	05.0%	38.856	N	27.526	E	10	G			0.6	5	TURKEY
	27	03	35	45.3*	6.668	S	147.338	E	96		4.9		1.0	14	EAST PAPUA NEW GUINEA REGION
	27	04	24	28.7?	33.00	S	179.13	W	33	N	5.2		1.3	14	SOUTH OF KERMADEC ISLANDS
	27	04	44	50.1	38.935	N	27.529	E	10	G			0.9	18	TURKEY
	27	07	58	39.5	2.825	S	119.727	E	36		5.5	4.7	1.2	76	SULAWESI
	27	08	46	42.9%	60.473	N	5.487	E	10	G			0.9	5	SOUTHERN NORWAY. MD 1.0 (BER).
	27	08	48	55.8	2.792	S	119.749	E	33	N			0.6	8	SULAWESI
a	27	08	54	06.8	7.072	S	124.152	E	628		5.6		1.3	246	BANDA SEA
	27	08	54	58.7	39.470	N	28.472	E	19		4.5	3.5	1.0	66	TURKEY
	27	09	19	08.2	39.411	N	28.413	E	10	G			1.2	11	TURKEY
	27	09	22	21.3%	39.441	N	28.541	E	10	G			1.3	6	TURKEY
	27	09	36	15.0*	39.435	N	28.945	E	10	G			1.3	7	TURKEY
	27	09	36	54.1?	51.40	N	175.75	W	33	N	4.2		0.7	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	27	09	41	19.9	71.765	N	2.357	W	10	G	4.9	4.6	1.1	42	JAN MAYEN ISLAND REGION
	27	10	01	14.9*	15.964	S	173.065	W	33	N	5.1	4.8	1.3	47	TONGA ISLANDS
	27	10	24	07.5%	39.476	N	28.353	E	10	G			1.2	5	TURKEY
	27	10	32	45.7*	71.923	N	1.739	W	10	G	4.5		1.0	19	JAN MAYEN ISLAND REGION
	27	14	16	24.2*	51.636	N	174.306	W	33	N	4.9		1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	27	14	41	49.1	37.350	N	20.687	E	10	G	4.4		0.9	21	IONIAN SEA. ML 4.1 (ATH).
	27	16	46	10.8	42.237	N	142.384	E	33	N	4.5		0.7	8	HOKKAIDO, JAPAN REGION. Felt (I JMA) at Urakawa.
	27	17	48	50.2&	59.970	N	152.742	W	92					30	SOUTHERN ALASKA. <AGS-P>.
	27	19	22	55.7*	51.275	N	15.974	E	10	G			0.8	8	POLAND. ML 3.3 (VKA), 3.1 (KBA).
	27	19	36	14.4&	31.672	N	115.897	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.5 (ECX).

	27	19	45	45.4*	51.303	N	15.529	E	10	G			0.6	8	POLAND. ML 3.5 (VKA), 3.4 (GRF), 3.3 (KBA).
	27	21	15	59.4*	37.857	N	20.057	E	10	G	4.1		0.7	17	IONIAN SEA. ML 3.9 (ATH).
	27	22	03	10.1	15.489	S	173.868	W	33	N	5.4	4.9	0.9	151	TONGA ISLANDS
	27	22	07	58.2	7.836	S	150.807	E	33	N	5.7		1.1	97	NEW BRITAIN REGION
	27	22	09	26.7*	28.527	S	67.562	W	150	?			1.5	8	LA RIOJA PROVINCE, ARGENTINA
	27	23	25	25.0*	6.088	S	154.694	E	51	*			1.5	11	SOLOMON ISLANDS
	28	00	17	54.4&	39.774	N	112.790	W	1					7	UTAH. <SLC>. ML 2.8 (SLC).
	28	01	23	08.6*	7.070	S	129.319	E	168	?			1.5	9	BANDA SEA
	28	01	45	04.1	8.841	S	116.255	E	120	*	5.0		1.4	26	SUMBAWA ISLAND REGION. Felt (III) at Karangasem.
	28	02	03	33.3	42.332	N	19.974	E	10	G			0.7	8	YUGOSLAVIA. MD 3.0 (TTG).
	28	02	58	59.5?	35.77	N	10.69	W	10	G			0.9	7	NORTH ATLANTIC OCEAN. MG 3.5 (MDD).
	28	03	57	20.5	23.993	N	121.660	E	33	N	4.4		1.1	16	TAIWAN
	28	05	25	10.7&	61.449	N	151.345	W	72					21	SOUTHERN ALASKA. <AGS-P>.
	28	06	22	20.3	71.728	N	10.838	W	10	G	4.6	4.6	1.0	37	JAN MAYEN ISLAND REGION
	28	07	12	53.3*	24.141	S	67.131	W	191	*	4.4		1.0	11	CHILE-ARGENTINA BORDER REGION
	28	07	31	25.2?	20.15	S	178.89	E	556	?	4.8		1.1	16	SOUTH OF FIJI ISLANDS
	28	08	30	51.2	32.399	S	69.416	W	125	*	4.4		0.9	22	MENDOZA PROVINCE, ARGENTINA
	28	09	56	39.1?	25.12	N	109.44	W	10	G	3.8		1.4	17	GULF OF CALIFORNIA
	28	10	03	26.7&	59.516	N	153.581	W	117					19	SOUTHERN ALASKA. <AGS-P>.
	28	10	14	04.1%	39.416	N	28.298	E	10	G			0.6	6	TURKEY
	28	11	01	25.5*	20.219	S	168.593	E	33	N			1.2	10	LOYALTY ISLANDS
	28	12	01	21.0&	60.315	N	152.246	W	81					24	SOUTHERN ALASKA. <AGS-P>.
	28	12	16	21.2	42.732	N	24.227	E	10	G			0.8	6	BULGARIA
	28	12	27	35.6?	12.26	S	77.43	W	33	N			0.4	4	NEAR COAST OF PERU. Felt (II) at Lima.
	28	13	20	08.4*	51.234	N	176.076	W	33	N	4.8		0.8	11	ANDREANOF ISLANDS, ALEUTIAN IS.
a	28	13	33	44.3	19.960	N	115.881	W	10	G	5.5	5.1	1.1	163	EAST CENTRAL PACIFIC OCEAN. Ms 4.9 (PAS).
	28	14	03	08.4	39.469	N	28.411	E	10	G			1.1	18	TURKEY
	28	14	30	20.7*	7.377	S	129.498	E	33	N			1.5	6	BANDA SEA
a	28	14	42	06.2	9.044	N	126.719	E	57		5.3	4.5	1.2	89	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Cagayan de Oro.
	28	15	06	39.2	27.682	N	140.843	E	33	N	4.9		1.0	23	BONIN ISLANDS REGION
	28	15	51	51.2	6.325	S	149.035	E	61		5.3		0.9	44	NEW BRITAIN REGION
	28	16	31	15.9	43.189	N	26.134	E	10	G			1.4	7	BULGARIA
	28	16	46	02.6*	36.691	S	73.692	W	33	N	4.6		1.0	11	NEAR COAST OF CENTRAL CHILE. Felt (II) at Concepcion.
	28	17	29	57.3%	39.425	N	28.398	E	10	G			0.4	8	TURKEY
	28	17	45	56.2	18.033	N	62.268	W	10	G	4.1		1.1	16	LEEWARD ISLANDS. ML 4.4 (FDF). Felt (II) on St. Barthelemy.
	28	17	51	57.1?	59.35	N	6.77	E	10	G			0.9	6	SOUTHERN NORWAY. MD 2.4 (BER).
	28	17	59	23.8*	9.425	N	126.740	E	33	N	4.7		1.4	9	MINDANAO, PHILIPPINE ISLANDS
a	28	18	54	29.7	6.632	S	155.870	E	175		5.2		0.9	142	SOLOMON ISLANDS. Felt (III) at Panguna, Bougainville.
	28	19	44	24.5?	57.30	S	25.85	W	33	N	4.6		1.4	9	SOUTH SANDWICH ISLANDS REGION
	28	20	07	28.3?	34.27	N	25.14	E	33	N	3.6		1.3	11	CRETE
	28	22	04	20.7*	44.359	N	149.695	E	33	N	4.8		0.8	27	KURIL ISLANDS
	28	22	20	06.7*	41.135	N	143.278	E	33	N	4.1		1.0	12	HOKKAIDO, JAPAN REGION. Felt at Hachinohe, Honshu.
	28	23	07	50.0	39.462	N	28.368	E	10	G			0.9	14	TURKEY
	29	01	31	30.3	45.222	N	5.638	E	10	G			0.8	21	FRANCE. ML 2.8 (LDG).
	29	02	40	11.2	59.119	N	152.163	W	61		4.5		1.1	79	SOUTHERN ALASKA. Felt at Homer and Seldovia.
	29	03	56	13.6&	59.046	N	152.111	W	57					10	SOUTHERN ALASKA. <AGS-P>.
	29	04	58	18.2*	29.721	S	72.068	W	33	N			1.0	14	OFF COAST OF CENTRAL CHILE
	29	05	39	41.4*	16.038	S	176.072	W	365	?	4.9		0.5	21	FIJI ISLANDS REGION
	29	06	09	09.8&	62 468	N	152.292	W	120					18	CENTRAL ALASKA. <AGS-P>.
	29	06	13	27.6*	9.510	S	159.415	E	33	N	4.2		1.5	8	SOLOMON ISLANDS
	29	06	21	48.3?	2.81	S	130.26	E	33	N	4.7		1.2	5	CERAM
	29	06	24	35.7	41.921	N	23.146	E	10	G			1.3	15	GREECE-BULGARIA BORDER REGION. Felt (IV) at Blogoevgrad, Bulgaria.
	29	07	01	26.7?	48.76	N	152.34	E	33	N	4.7		0.8	18	KURIL ISLANDS
	29	07	35	47.4*	19.956	S	178.352	W	596	*	4.8		0.4	11	FIJI ISLANDS REGION
	29	09	00	07.0	50.761	N	14.449	E	10	G			0.9	8	CZECHOSLOVAKIA. ML 3.6 (VKA), 3.1 (GRF).
	29	09	22	15.3	51.082	N	157.458	E	33	N	4.7		0.8	36	NEAR EAST COAST OF KAMCHATKA
	29	10	32	23.4	21.767	S	68.600	W	126		4.8		1.4	37	CHILE-BOLIVIA BORDER REGION
	29	11	30	55.8	28.563	N	140.706	E	33	N	4.8		1.1	36	BONIN ISLANDS REGION
	29	11	49	31.5	50.184	N	29.166	W	10	G	4.8	4.8	1.0	93	NORTH ATLANTIC RIDGE
	29	14	40	23.6%	37.942	N	27.288	E	10	G			0.3	5	TURKEY
	29	15	11	42.9?	43.64	N	24.84	E	10	G			0.5	5	BULGARIA
	29	15	21	35.2	30.145	N	138.697	E	425		4.6		0.5	18	SOUTH OF HONSHU, JAPAN
	29	15	22	47.1	17.958	N	105.866	W	33	N	4.4		1.2	40	OFF COAST OF JALISCO, MEXICO
	29	15	42	46.0	32.623	S	70.863	W	80	*			0.7	18	CHILE-ARGENTINA BORDER REGION
	29	16	26	07.0?	7.44	S	129.56	E	118	?			1.4	6	BANDA SEA
	29	17	03	48.6%	15.958	N	60.687	W	10	G			0.5	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	29	17	45	23.4%	38.842	N	27.554	E	10	G			0.8	5	TURKEY
	29	18	26	07.3%	29.662	S	68.889	W	33	N			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	29	18	42	07.3	34.649	N	137.149	E	311		4.7		0.9	48	NEAR S. COAST OF HONSHU, JAPAN
	29	19	18	43.7	51.666	N	175.344	W	33	N	4.9		0.9	101	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR). Felt on Adak and Atka.
	29	19	41	17.6*	41.135	N	22.887	E	10	G			0.9	5	YUGOSLAVIA
	29	19	58	58.1	45.658	N	4.964	E	10	G			1.2	17	FRANCE. ML 3.3 (LDG).
	29	20	00	31.8	36.288	N	70.800	E	117	*	4.9		1.2	44	HINDU KUSH REGION. Felt (II) at Kharag, USSR.
a	29	20	31	19.7	16.955	N	98.733	W	36	D	5.2	4.2	1.1	104	NEAR COAST OF GUERRERO, MEXICO. Felt (III) at Mexico City. Felt slightly at Oaxaca.
	29	20	39	37.2?	5.34	S	102.20	E	33	N			0.9	7	SOUTHERN SUMATERA
	29	20	58	23.7*	30.252	S	71.157	W	118	?			0.9	16	NEAR COAST OF CENTRAL CHILE
	29	21	42	44.9*	16.597	N	99.025	W	33	N	4.0		0.9	15	NEAR COAST OF GUERRERO, MEXICO
	29	21	56	00.9?	44.26	N	148.35	E	33	N	4.5		1.0	19	KURIL ISLANDS
	29	22	26	45.9*	15.057	S	66.883	E	10	G	4.9		0.9	26	MID-INDIAN RISE
	29	22	57	54.5	19.662	S	178.749	E	412	*	4.9		1.4	44	SOUTH OF FIJI ISLANDS
	29	23	32	44.6	46.124	N	5.745	E	10	G			1.1	5	FRANCE. ML 2.2 (LDG).
	29	23	32	59.4*	34.970	N	139.709	E	33	N			1.4	5	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) on Oshima.
	30	00	52	12.0*	51.286	N	175.302	W	33	N	4.8		1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	01	03	48.0	36.909	N	121.299	W	5	G			0.7	13	CENTRAL CALIFORNIA. ML 2.7 (BRK).
	30	01	24	34.6	1.651	S	86.234	E	10	G	5.0		0.8	41	SOUTH INDIAN OCEAN
	30	02	11	07.1*	35.133	N	44.444	E	5	G	4.3		1.8	5	IRAQ
	30	02	13	28.6?	19.98	S	178.61	E	607	?	4.1		0.6	9	SOUTH OF FIJI ISLANDS
	30	02	23	31.1*	30.035	S	177.725	W	56	D	4.7		1.5	18	KERMADEC ISLANDS

	30	02	28	04.9•	33.459	S	71.742	W	33	N			0.4	11	NEAR COAST OF CENTRAL CHILE
	30	03	59	21.8•	51.652	N	173.143	W	33	N	4.5		0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	04	15	10.8	43.229	N	87.821	E	33	N	4.6		0.9	25	NORTHERN XINJIANG, CHINA
	30	05	12	38.5?	27.32	S	73.22	W	33	N	4.4		0.6	9	OFF COAST OF NORTHERN CHILE
	30	05	38	08.1•	2.369	N	97.291	E	33	N			1.1	7	NORTHERN SUMATERA
	30	05	39	25.1&	60.253	N	152.648	W	105					18	SOUTHERN ALASKA. <AGS-P>.
	30	06	07	51.7•	41.112	N	22.927	E	10	G			1.3	7	YUGOSLAVIA
	30	06	14	35.5	10.773	N	85.853	W	53	•	4.7	4.0	1.1	67	COSTA RICA
	30	07	04	35.2%	40.140	N	29.284	E	10	G			0.7	8	TURKEY
	30	07	33	18.0	42.308	N	18.940	E	10	G			1.0	9	YUGOSLAVIA. ML 2.6 (TTG).
a	30	08	02	40.3	10.931	S	162.412	E	61		5.5		1.0	124	SOLOMON ISLANDS
	30	08	22	19.7%	39.128	N	27.618	E	10	G			0.3	5	TURKEY
	30	08	27	48.8	42.360	N	18.935	E	10	G			1.0	15	YUGOSLAVIA. MD 3.3 (TTG). Felt (IV) at Budva and Cetinje.
	30	08	47	40.3	71.687	N	2.466	W	10	G	4.7	4.3	0.9	57	JAN MAYEN ISLAND REGION
	30	09	11	10.9•	6.301	S	150.606	E	10	G			1.7	5	NEW BRITAIN REGION
	30	09	26	14.6?	15.18	S	173.84	W	33	N	4.5		0.9	14	TONGA ISLANDS
	30	10	13	32.0%	39.089	N	27.618	E	10	G			0.4	5	TURKEY
	30	11	22	24.2	37.093	N	4.164	W	10	G			1.2	18	SPAIN. MG 3.9 (MDD). Felt (IV) at Loja and (II) at Malaga.
	30	12	44	41.6•	24.095	N	121.617	E	33	N	3.9		1.0	12	TAIWAN
	30	14	26	08.2	10.531	N	62.566	W	122		4.3		1.0	25	NEAR COAST OF VENEZUELA
	30	14	36	53.9•	24.277	S	179.551	E	607	?	4.4		0.8	14	SOUTH OF FIJI ISLANDS
	30	14	50	37.7•	2.477	N	97.329	E	59	?			1.4	9	NORTHERN SUMATERA
	30	16	03	59.5	38.349	N	39.116	E	10	G	3.9		0.5	7	TURKEY
	30	16	22	41.4?	45.19	N	23.90	W	10	G	4.3		1.4	9	NORTH ATLANTIC RIDGE
	30	16	30	13.6%	37.992	N	27.273	E	10	G			0.9	7	TURKEY
	30	16	34	54.3•	44.220	S	39.054	E	10	G	5.0		1.4	22	PRINCE EDWARD ISLANDS REGION
	30	17	24	58.2	21.898	S	139.026	W	0	G	5.7	4.3	0.8	120	TUAMOTU ARCHIPELAGO REGION
	30	17	59	26.7%	37.989	N	27.523	E	10	G			1.1	5	TURKEY
	30	18	33	29.5	6.131	S	122.745	E	53	•	5.3	4.2	1.3	59	FLORES SEA
	30	22	05	44.4?	9.23	S	121.86	E	165	?	3.8		1.7	6	SAVU SEA
	30	22	24	47.5&	31.423	N	116.743	W	8	G				4	BAJA CALIFORNIA. <ECX-P>. MD 2.4 (ECX).
	30	22	34	22.6	51.620	N	7.728	E	10	G			0.8	15	GERMANY. ML 2.7 (BNS).
	31	00	20	20.1%	42.320	N	18.956	E	10	G			0.3	6	YUGOSLAVIA. ML 2.3 (TTG).
	31	01	42	40.1&	34.110	N	116.610	W	10					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	31	02	04	53.2?	0.07	N	100.26	E	33	N	4.5		1.4	8	NORTHERN SUMATERA
	31	02	50	19.3•	6.696	S	132.103	E	33	N	5.3		0.8	8	TANIMBAR ISLANDS REGION
a	31	03	40	07.4	43.300	N	145.614	E	81	D	5.4		1.0	256	HOKKAIDO, JAPAN REGION. Felt (III JMA) at Nemuro and Kushiro, (II JMA) at Miyako, Honshu. Also felt at Hachinahe and Morioka, Honshu. Felt (V) at Yuzhno-Kurilsk and on Shikotan, Kuril Islands.
	31	03	53	50.2•	14.145	N	61.261	W	14	•			0.4	6	WINDWARD ISLANDS. ML 2.8 (FDF).
	31	04	26	26.6•	14.939	S	177.146	W	33	N	4.5	5.1	1.1	25	FIJI ISLANDS REGION
a	31	05	36	30.1	57.334	S	147.519	E	10	G	5.1	5.6	0.7	22	WEST OF MACQUARIE ISLAND
	31	05	45	17.3?	35.79	N	4.62	W	10	G			1.4	5	STRAIT OF GIBRALTAR
	31	07	28	50.7•	10.610	N	125.998	E	68	?	4.8		1.2	24	LEYTE, PHILIPPINE ISLANDS
	31	08	47	07.2&	36.625	N	121.277	W	6					20	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK).
	31	08	47	56.1&	36.570	N	121.327	W	5		4.6	3.7		32	CENTRAL CALIFORNIA. <BRK>. ML 4.8 (BRK). Felt (IV) at Castroville, Freedom, Paicines, Salinas, Seaside and Tres Pinos. Felt (III) at Big Sur, Carmel, Moss Landing and Watsonville.
	31	09	27	06.9?	45.79	N	27.63	W	10	G	4.2		0.7	13	NORTH ATLANTIC RIDGE
	31	09	47	27.3•	47.893	N	7.484	E	10	G			0.2	5	SWITZERLAND
	31	10	34	46.3&	62.137	N	149.422	W	53					19	CENTRAL ALASKA. <AGS-P>.
	31	10	43	46.0	44.475	N	10.696	E	10	G			1.2	33	NORTHERN ITALY. ML 3.7 (KBA), 3.5 (LDG). MD 3.4 (TRI).
	31	12	45	55.2•	17.492	S	179.012	W	573	•	5.0		0.9	32	FIJI ISLANDS REGION
	31	12	56	18.2?	0.39	N	30.55	W	10	G		4.4	1.6	8	CENTRAL MID-ATLANTIC RIDGE
	31	13	25	30.0?	4.97	N	75 62	W	10	G			1.8	5	COLOMBIA. Felt at Chinchina and Manizales.
	31	13	58	38.1?	16.40	N	61.22	W	10	G			1.1	5	LEEWARD ISLANDS. ML 2.6 (PAG).
	31	14	12	00.1?	2.55	N	124.27	E	33	N			0.8	8	CELEBES SEA
	31	14	49	21.4	42.270	N	19.587	E	10	G			0.5	6	YUGOSLAVIA. ML 2.2 (TTG).
	31	14	51	07.7	42.279	N	19.564	E	10	G	3.2		0.7	20	YUGOSLAVIA. ML 3.3 (TTG).
	31	14	51	27.9	36.635	N	121.261	W	5	G			0.8	12	CENTRAL CALIFORNIA. ML 2.6 (BRK).
	31	14	58	38.5	42.348	N	18.920	E	10	G			1.4	7	YUGOSLAVIA. ML 2.2 (TTG).
	31	15	09	29.4	19.222	S	69.887	W	96	•	4.2		1.2	19	NORTHERN CHILE
	31	15	56	03.5?	6.96	S	150.04	E	10	G	5.4		0.8	5	NEW BRITAIN REGION
	31	16	30	46.9•	7.884	S	151.048	E	33	N	5.1		1.1	28	NEW BRITAIN REGION
	31	17	13	31.9	31.374	S	69.860	W	152	?			0.7	15	SAN JUAN PROVINCE, ARGENTINA
	31	20	26	01.6•	38.601	N	20.260	E	10	G			0.5	6	GREECE. ML 3.7 (ATH).
	31	20	38	14.4?	19.06	S	118.20	E	33	N			1.5	8	WESTERN AUSTRALIA
	31	20	58	29.1	44.488	N	10.669	E	10	G			1.2	39	NORTHERN ITALY. ML 3.7 (KBA), 3.7 (LDG). MD 3.6 (TRI).
	31	21	18	04.6?	28.85	N	131.48	E	33	N	4.1		0.4	6	RYUKYU ISLANDS REGION
	31	21	53	55.9?	51.34	N	175.73	W	33	N	4.3		0.5	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	31	22	13	07.0	18.509	S	177.797	W	578		4.9		0.8	92	FIJI ISLANDS REGION
	31	23	07	57.5?	16.01	N	98.65	W	33	N	3.9		0.7	6	NEAR COAST OF GUERRERO, MEXICO
	31	23	08	34.4	44.446	N	10.765	E	33	N	3.6		1.2	82	NORTHERN ITALY. ML 4.4 (FUR), 4.1 (LDG). MD 4.0 (TRI).
	31	23	30	35.6?	31.18	S	177.65	W	33	N	5.1		1.2	10	KERMADEC ISLANDS REGION
	31	23	37	17.4?	29.42	S	176.82	W	33	N	4.7		0.9	6	KERMADEC ISLANDS REGION

ADDITIONAL SOURCE PARAMETERS

01 17 21 24.15 15.140S 174.370W 33km
5.2mb (17 obs.) 5.5Msz (11 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 37C
Centroid Location:
Origin Time 17:21:27.1 0.2
Lat 15.16S 0.02 Lon 174.43W 0.02
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	6.21	13	137
N	-0.21	66	17
P	-6.00	20	232

Best Double Couple:Mo=6.1*10**24
NP1:Strike=274 Dip=67 Slip= -5
NP2: 6 85 -157

01 19 31 40.22 21.861S 170.228E 52km
5.8mb (26 obs.) 5.8Msz (7 obs.)
LOYALTY ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=103 Dip=74 Slip= 90
NP2: 283 16 90
Principal Axes:

	Plg=	Azm=
T	61	13
P	29	193

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 37 No. of sta: 7
Principal Axes:
Scale 10**25 d-cm

	Val=	Plg=	Azm=
T	1.38	39	349
N	0.03	49	151
P	-1.40	9	252

Best Double Couple:Mo=1.4*10**25
NP1:Strike= 23 Dip=56 Slip= 156
NP2: 127 71 36
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 40C
Centroid Location:
Origin Time 19:31:47.6 0.2
Lat 21.87S 0.03 Lon 169.88E 0.02
Dep 44.2 2.1 Half-duration 4.2
Principal Axes:
Scale 10**25 D-CM

	Val=	Plg=	Azm=
T	1.62	28	320
N	-0.03	53	95
P	-1.59	22	217

Best Double Couple:Mo=1.6*10**25
NP1:Strike=357 Dip=53 Slip= 175
NP2: 90 86 37

02 03 18 37.48 28.017N 53.303E 33km
5.5mb (83 obs.) 4.9Msz (8 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 36C
Centroid Location:
Origin Time 03:18:40.1 0.4
Lat 28.03N 0.06 Lon 53.02E 0.06
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	2.68	66	304
N	-0.58	24	131
P	-2.10	2	40

Best Double Couple:Mo=2.4*10**24
NP1:Strike=107 Dip=47 Slip= 57
NP2: 331 52 121

02 10 30 02.85 55.172N 163.843E 15km
6.0mb (84 obs.) 5.9Msz (29 obs.)
OFF EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=90 Slip= 170
NP2: 45 80 360
Principal Axes:

	Plg=	Azm=
T	7	270
P	7	0

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 22 No. of sta: 19
Principal Axes:
Scale 10**26 d-cm

	Val=	Plg=	Azm=
T	1.78	2	279
N	-0.06	87	51
P	-1.72	2	189

Best Double Couple:Mo=1.8*10**26
NP1:Strike=324 Dip=87 Slip=-180
NP2: 234 90 -3
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 45C
Centroid Location:
Origin Time 10:30:10.4 0.1
Lat 55.42N 0.03 Lon 163.53E 0.04
Dep 23.5 1.8 Half-duration 4.3
Principal Axes:
Scale 10**25 D-CM

	Val=	Plg=	Azm=
T	2.07	3	272
N	-0.72	66	175
P	-1.35	24	3

Best Double Couple:Mo=1.7*10**25
NP1:Strike= 45 Dip=71 Slip= -15
NP2: 140 75 -160

03 10 37 41.77 28.025N 53.356E 27km
5.4mb (78 obs.) 4.5Msz (5 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 10:37:43.2 0.8
Lat 27.90N 0.13 Lon 53.00E 0.10
Dep 15.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	7.49	68	270
N	0.12	16	136
P	-7.61	15	42

Best Double Couple:Mo=7.6*10**25
NP1:Strike=111 Dip=33 Slip= 60
NP2: 325 62 108

04 20 30 44.79 48.921S 108.590E 10km
5.1mb (6 obs.) 5.2Msz (1 obs.)
SOUTHEAST INDIAN RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 20:30:44.0 0.7
Lat 49.17S 0.08 Lon 109.16E 0.11
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	9.11	10	210
N	-0.98	2	119
P	-8.13	80	21

Best Double Couple:Mo=8.6*10**25
NP1:Strike=302 Dip=35 Slip= -87
NP2: 118 55 -92

05 03 35 38.83 37.993N 37.806E 10km
5.9mb (69 obs.) 5.9Msz (13 obs.)
TURKEY
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 83 Dip=87 Slip= 23
NP2: 352 67 177
Principal Axes:

	Plg=	Azm=
T	18	310
P	14	215

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 13
Principal Axes:
Scale 10**25 d-cm

	Val=	Plg=	Azm=
T	1.20	2	127
N	0.08	84	18
P	-1.28	6	217

Best Double Couple:Mo=1.2*10**25
NP1:Strike=262 Dip=85 Slip= -3
NP2: 352 87 -175
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 37C
Centroid Location:
Origin Time 03:35:41.7 0.4
Lat 37.72N 0.05 Lon 37.70E 0.05
Dep 15.0 BDY Half-duration 3.8
Principal Axes:
Scale 10**25 D-CM

	Val=	Plg=	Azm=
T	1.42	30	116
N	0.00	53	334
P	-1.41	19	217

Best Double Couple:Mo=1.4*10**25
NP1:Strike=260 Dip=54 Slip= 9
NP2: 164 82 144

05 05 46 37.48 18.156N 102.657W 38km
5.6mb (81 obs.) 5.5Msz (10 obs.)
MICHOACAN, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 05:46:39.3 0.5
Lat 18.05N 0.05 Lon 102.69W 0.05
Dep 20.0 BDY Half-duration 3.4
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	8.97	64	43
N	0.79	9	293
P	-9.76	24	199

Best Double Couple:Mo=9.4*10**24
NP1:Strike=271 Dip=23 Slip= 66
NP2: 117 69 100

05 06 30 16.87 58.900S 24.728W 10km
5.0mb (8 obs.) 5.4Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 06:30:29.5 0.8
Lat 58.67S FIX;Lon 24.84W FIX
Dep 15.0 FIX Half-durotion 1.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	2.38	72	303
N	-1.03	8	187
P	-1.34	16	95

Best Double Couple:Mo=1.9*10**24
NP1:Strike=173 Dip=30 Slip= 74
NP2: 11 61 99

05 09 44 27.48 58.782S 24.855W 33km
5.2mb (16 obs.) 5.2Msz (3 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 39C
Centroid Location:
Origin Time 09:44:33.5 0.3
Lat 58.64S 0.04 Lon 24.64W 0.08
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	4.33	62	289
N	0.06	9	182
P	-4.39	26	87

Best Double Couple:Mo=4.4*10**24
NP1:Strike=157 Dip=20 Slip= 63
NP2: 5 72 99

05 10 32 08.48 58.711S 24.850W 33km
5.4mb (15 obs.) 5.3Msz (3 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 39C
Centroid Location:
Origin Time 10:32:15.6 0.3
Lat 58.74S 0.04 Lon 24.67W 0.08
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	5.87	65	276
N	0.32	4	176

P -6.19 25 84
Best Double Couple:Mo=6.0*10**24
NP1:Strike=164 Dip=21 Slip= 77
NP2: 358 70 95

05 15 14 35.90 7.045S 155.975E 85km
5.6mb (34 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 28C
Centroid Location:
Origin Time 15:14:38.7 0.4
Lat 7.45S 0.0' Lon 156.01E 0.04
Dep 65.4 4.4 Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.98 Plg=33 Azm=149
N -0.10 47 15
P -1.88 24 256
Best Double Couple:Mo=1.9*10**24
NP1:Strike=296 Dip=47 Slip= 8
NP2: 201 84 137

07 20 43 31.26 51.384N 174.809W 22km
6.1mb (93 obs.) 6.0Msz (20 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 60 Dip=70 Slip= 90
NP2: 240 20 90
Principal Axes:
T Plg=65 Azm=330
P 25 150
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 37C
Centroid Location:
Origin Time 20:43:35.8 0.2
Lat 51.60N 0.02 Lon 174.65W 0.04
Dep 23.1 1.4 Half-duration 5.0
Principal Axes:
Scale 10**25 D-CM
T Val= 2.63 Plg=68 Azm=315
N 0.15 6 60
P -2.78 21 152
Best Double Couple:Mo=2.7*10**25
NP1:Strike=253 Dip=25 Slip= 104
NP2: 58 66 84

07 22 47 10.87 51.520N 174.776W 33km
6.4mb (96 obs.) 7.7Msz (10 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 58 Dip=78 Slip= 90
NP2: 238 12 90
Principal Axes:
T Plg=57 Azm=328
P 33 148
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 20S, 56C
Centroid Location:
Origin Time 22:47:44.6 0.2
Lat 51.33N 0.01 Lon 175.43W 0.03
Dep 31.3 0.8 Half-duration 34.7
Principal Axes:
Scale 10**27 D-CM
T Val= 10.34 Plg=67 Azm=346
N 0.04 2 251
P -10.37 23 160
Best Double Couple:Mo=1.0*10**28
NP1:Strike=246 Dip=22 Slip= 85
NP2: 72 68 92

07 23 51 01.93 51.469N 174.886W 33km
5.8mb (54 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 55 Dip=75 Slip= 90
NP2: 235 15 90
Principal Axes:
T Plg=60 Azm=325
P 30 145
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

08 01 11 02.25 51.087N 176.667W 33km
5.9mb (68 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 60 Dip=70 Slip= 90
NP2: 240 20 90
Principal Axes:
T Plg=65 Azm=330
P 25 150
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

08 05 37 20.26 51.336N 175.363W 18km
6.0mb (74 obs.) 6.2Msz (20 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 60 Dip=70 Slip= 90
NP2: 240 20 90
Principal Axes:
T Plg=65 Azm=330
P 25 150
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 41C
Centroid Location:
Origin Time 05:37:25.6 0.4
Lat 51.55N 0.04 Lon 175.06W 0.09
Dep 24.0 2.9 Half-duration 6.6
Principal Axes:
Scale 10**25 D-CM
T Val= 5.02 Plg=70 Azm=350
N 0.18 6 242
P -5.20 19 150
Best Double Couple:Mo=5.1*10**25
NP1:Strike=229 Dip=27 Slip= 76
NP2: 65 64 97

08 14 37 35.93 4.627N 125.499E 166km
5.8mb (58 obs.)
TALAUD ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=337 Dip=84 Slip=-137
NP2: 241 47 -8
Principal Axes:
T Plg=24 Azm=101
P 34 209
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 118 No. of sta: 8
Principal Axes:
Scale 10**25 d-cm
T Val= 4.64 Plg=45 Azm= 85
N -0.07 1 354
P -4.56 45 263
Best Double Couple:Mo=4.6*10**25
NP1:Strike=251 Dip= 1 Slip= -13
NP2: 354 90 -91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 33C
Centroid Location:
Origin Time 14:37:37.5 0.2
Lat 4.60N 0.02 Lon 125.47E 0.02
Dep 144.0 0.6 Half-duration 5.8
Principal Axes:
Scale 10**25 D-CM
T Val= 4.55 Plg=46 Azm= 91
N -0.10 12 348
P -4.45 41 248
Best Double Couple:Mo=4.5*10**25
NP1:Strike=271 Dip=12 Slip= 13
NP2: 169 87 102

09 16 23 48.73 17.121S 65.589W 13km
5.6mb (69 obs.) 5.5Msz (11 obs.)
BOLIVIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 37C
Centroid Location:
Origin Time 16:23:59.8 0.2
Lat 16.76S 0.03 Lon 65.49W 0.03
Dep 15.0 BDY Half-duration 3.2
Principal Axes:
Scale 10**24 D-CM
T Val= 6.88 Plg=84 Azm=256
N 1.37 1 153
P -8.25 6 63
Best Double Couple:Mo=7.6*10**24
NP1:Strike=151 Dip=39 Slip= 88
NP2: 334 51 92

09 19 04 28.42 51.460N 174.243W 33km
5.8mb (73 obs.) 5.6Msz (21 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 40C
Centroid Location:
Origin Time 19:04:29.4 0.2
Lat 51.56N 0.03 Lon 174.39W 0.05
Dep 17.9 1.7 Half-duration 3.5
Principal Axes:
Scale 10**24 D-CM
T Val= 7.91 Plg=62 Azm=320
N 0.37 8 66
P -8.28 26 161
Best Double Couple:Mo=8.1*10**24
NP1:Strike=270 Dip=20 Slip= 115
NP2: 64 72 81

10 02 00 23.78 23.559S 67.880W 131km
5.2mb (23 obs.)
CHILE-ARGENTINA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 02:00:33.2 0.9
Lat 23.51S 0.13 Lon 68.30W 0.12
Dep 170.7 4.2 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 5.31 Plg=25 Azm= 70
N -0.21 46 190
P -5.11 33 322
Best Double Couple:Mo=5.2*10**23
NP1:Strike=109 Dip=47 Slip=-174
NP2: 15 85 -44

10 09 13 29.32 51.902N 175.084W 33km
5.0mb (52 obs.) 4.9Msz (3 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 09:13:35.4 0.4
Lat 52.19N 0.10 Lon 175.18W 0.08
Dep 34.6 4.6 Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 4.71 Plg= 1 Azm= 85
N -0.21 9 355
P -4.50 81 180
Best Double Couple:Mo=4.6*10**23
NP1:Strike=184 Dip=45 Slip= -77
NP2: 347 46 -102

10 09 53 01.27 8.502N 103.058W 10km
5.0mb (22 obs.) 5.4Msz (6 obs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 29C
Centroid Location:
Origin Time 09:53: 5.8 0.4
Lat 8.60N 0.04 Lon 103.19W 0.05
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 3.31 Plg=10 Azm=215
N 0.01 73 339
P -3.32 14 122
Best Double Couple:Mo=3.3*10**24
NP1:Strike=259 Dip=73 Slip=-177
NP2: 168 87 -17

10 12 02 01.50 37.075S 94.085W 10km
5.5mb (28 obs.) 4.9Msz (3 obs.)
WEST CHILE RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centraid Location:
Origin Time 12:02: 3.3 0.4
Lat 37.53S 0.0B Lon 93.49W 0.07
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.92 Plg=15 Azm=107
N -0.18 6 15
P -1.74 74 264
Best Double Couple:Mo=1.8*10**24
NP1:Strike=205 Dip=31 Slip= -78
NP2: 12 60 -97

11 01 24 25.79 26.743N 125.205E 194km
5.9mb (100 obs.)
NORTHEAST OF TAIWAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 30 Dip=73 Slip= -90
NP2: 210 17 -90
Principal Axes:
T Plg=28 Azm=120
P 62 300
Comment: The focal mechanism is well controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 215 No. of sta: 15
Principal Axes:
Scale 10**25 d-cm
T Val= 9.95 Plg=20 Azm=114
N 0.00 1 204
P -9.95 70 296
Best Double Couple:Mo=9.9*10**25
NP1:Strike=203 Dip=25 Slip= -92
NP2: 24 65 -89
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 36C M.W.: 12S, 26C
Centroid Location:
Origin Time 01:24:32.7 0.2
Lat 26.37N 0.01 Lon 125.21E 0.02
Dep 203.8 1.1 Half-duration 7.3
Principal Axes:
Scale 10**25 D-CM
T Val= 6.60 Plg=26 Azm=100
N 2.15 10 195
P -8.75 62 303
Best Double Couple:Mo=7.7*10**25
NP1:Strike=169 Dip=21 Slip=-118
NP2: 18 72 -80

11 10 46 22.74 51.165N 176.094W 33km
5.0mb (45 obs.) 4 7Msz (4 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 10:46:26.7 0.9
Lat 51.56N 0.11 Lon 176.34W 0.21
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 9.96 Plg=54 Azm=320
N 0.04 6 57
P -10.00 36 152
Best Double Couple:Mo=1.0*10**24
NP1:Strike=269 Dip=11 Slip= 122
NP2: 57 81 84

11 19 40 31.04 51.544N 173.736W 33km
5.6mb (87 obs.) 5.2Msz (18 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 35C
Centroid Location:
Origin Time 19:40:34.9 0.3
Lat 51.79N 0.03 Lon 173.73W 0.05
Dep 16.4 1.8 Half-duration 2.7
Principal Axes:
Scale 10**24 D-CM
T Val= 3.90 Plg=62 Azm=323
N 0.17 4 60
P -4.07 28 152
Best Double Couple:Mo=4.0*10**24
NP1:Strike=252 Dip=17 Slip= 102
NP2: 59 73 86

11 22 48 45.64 51.526N 174.670W 33km
5.5mb (74 obs.) 5.2Msz (12 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 33C
Centroid Location:
Origin Time 22:48:48.2 0.3
Lat 51.56N 0.03 Lon 174.56W 0.06
Dep 15.8 2.0 Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 3.50 Plg=62 Azm=326
N 0.12 4 64
P -3.62 27 156
Best Double Couple:Mo=3.6*10**24
NP1:Strike=256 Dip=18 Slip= 103
NP2: 62 72 86

12 03 47 37.91 51.418N 174.671W 33km
5.3mb (57 obs.) 4.8Msz (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Location:
Origin Time 03:47:40.2 0.5
Lat 51.47N 0.05 Lon 174.96W 0.14
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.84 Plg=57 Azm=303
N -0.07 13 53
P -1.77 30 150
Best Double Couple:Mo=1.8*10**24
NP1:Strike=275 Dip=19 Slip= 133
NP2: 50 77 77

13 08 44 02.14 41.431N 43.737E 10km
5.7mb (84 obs.) 5.4Msz (10 obs.)
TURKEY-USSR BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Location:
Origin Time 08:44: 5.8 0.3
Lat 41.03N 0.03 Lon 43.92E 0.04
Dep 15.0 FIX Half-duration 2.8
Principal Axes:
Scale 10**24 D-CM
T Val= 4.76 Plg= 6 Azm=102
N 0.42 79 335
P -5.18 8 193
Best Double Couple:Mo=5.0*10**24
NP1:Strike=237 Dip=80 Slip= -1
NP2: 328 89 -170

13 09 56 36.72 20.646S 174.113W 33km
5.4mb (22 obs.) 5.5Msz (6 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 09:56:41.4 0.5
Lat 21.09S 0.05 Lon 173.77W 0.05
Dep 35.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**24 D-CM
T Val= 2.86 Plg=64 Azm=252
N 0.24 11 5
P -3.11 23 100
Best Double Couple:Mo=3.0*10**24
NP1:Strike=211 Dip=24 Slip= 118
NP2: 1 69 78

13 14 51 10.13 9.064S 109.144W 10km
5.1mb (9 obs.) 5.0Msz (5 obs.)
NORTHERN EASTER I. CORDILLERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 34C
Centroid Location:
Origin Time 14:51:17.7 0.3
Lat 9.07S 0.05 Lon 108.96W 0.06
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 1.24 Plg=39 Azm=138
N 0.81 49 295
P -2.05 11 38
Best Double Couple:Mo=1.6*10**24
NP1:Strike=170 Dip=54 Slip= 157
NP2: 274 72 38

13 22 00 08.77 32.636N 141.426E 40km
5.4mb (53 obs.) 5.6Msz (7 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centraid Location:
Origin Time 22:00:10.3 0.3
Lat 32.36N 0.03 Lon 141.73E 0.03
Dep 15.0 BDY Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 6.36 Plg=75 Azm=252
N 1.26 9 17
P -7.62 12 109
Best Double Couple:Mo=7.0*10**24
NP1:Strike=211 Dip=34 Slip= 106
NP2: 11 58 79

14 01 58 30.90 51.531N 173.492W 33km
5.5mb (66 obs.) 4.7Msz (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 24C
Centroid Location:
Origin Time 01:58:34.4 0.7
Lat 51.80N 0.08 Lon 173.09W 0.12
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 12.04 Plg=65 Azm=356
N 0.04 10 243
P -12.09 23 149
Best Double Couple:Mo=1.2*10**24
NP1:Strike=219 Dip=24 Slip= 64
NP2: 67 68 101

14 03 04 06.59 1.486N 127.037E 78km
5.6mb (42 obs.)
HALMAHERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 03:04:13.6 0.6
Lat 1.50N 0.05 Lon 126.94E 0.08
Dep 101.3 6.4 Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM
T Val= 12.38 Plg=42 Azm=108
N 0.51 21 218
P -12.89 40 327
Best Double Couple:Mo=1.3*10**24
NP1:Strike=125 Dip=21 Slip= 177
NP2: 217 89 69

14 04 02 31.68 51.485N 178.474W 33km
5.4mb (65 obs.) 4.6Msz (4 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 04:02:35.4 0.7
Lat 51.41N 0.06 Lon 178.63W 0.15
Dep 46.1 5.5 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 10.44 Plg=59 Azm=277
N -0.43 26 59
P -10.01 17 157
Best Double Couple:Mo=1.0*10**24
NP1:Strike=280 Dip=36 Slip= 138
NP2: 47 66 62

14 11 10 21.51 23.466S 115.051W 10km
5.2mb (7 obs.) 4.4Msz (1 obs.)
EASTER ISLAND CORDILLERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 11:10:27.9 0.9
Lat 23.98S 0.11 Lon 114.40W 0.12
Dep 15.0 FIX Half-duration 1.4
Principal Axes:

Scale 10**23 D-CM
T Val= 7.06 Plg=12 Azm=302
N -1.42 72 171
P -5.64 13 34
Best Double Couple:Mo=6.4*10**23
NP1:Strike= 78 Dip=72 Slip= -1
NP2: 168 89 -162

14 12 24 23.10 20.642S 178.700W 621km
5.1mb (19 abs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 12:24:33.1 1.9
Lat 20.36S 0.24 Lon 178.99W 0.21
Dep 645.613.5 Half-duratian 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 3.81 Plg=24 Azm=209
N 0.57 11 113
P -4.38 63 0
Best Double Couple:Mo=4.1*10**23
NP1:Strike=321 Dip=23 Slip= -60
NP2: 109 70 -102

14 13 56 09.94 14.883S 167.252E 141km
5.2mb (22 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 13:56:11.4 0.9
Lat 15.17S 0.10 Lon 166.93E 0.09
Dep 121.2 3.9 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.99 Plg=51 Azm=157
N 0.28 35 6
P -8.28 14 265
Best Double Couple:Mo=8.1*10**23
NP1:Strike=317 Dip=44 Slip= 33
NP2: 202 68 129

14 22 53 58.27 14.787S 175.432W 33km
5.2mb (15 obs.) 5.1Msz (1 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 33C
Centroid Location:
Origin Time 22:54: 1.6 0.4
Lat 14.71S 0.04 Lon 175.34W 0.04
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 2.14 Plg= 1 Azm=315
N -0.25 80 49
P -1.89 10 225
Best Double Couple:Mo=2.0*10**24
NP1:Strike= 0 Dip=83 Slip=-173
NP2: 269 84 -7

15 06 38 37.98 52.294N 174.726W 33km
5.7mb (78 abs.) 6.4Msz (18 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C M.W.: 11S, 27C
Centroid Location:
Origin Time 06:38:41.7 0.2
Lat 52.51N 0.02 Lon 174.73W 0.03
Dep 15.0 FIX Half-duration 6.0
Principal Axes:
Scale 10**25 D-CM
T Val= 4.41 Plg=15 Azm= 20
N 0.07 67 250
P -4.48 17 115
Best Double Couple:Ma=4.4*10**25
NP1:Strike=157 Dip=67 Slip= -1
NP2: 248 89 -157

15 09 34 05.77 52.217N 174.527W 33km
5.2mb (43 abs.) 5.3Msz (3 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 09:34: 6.5 0.5
Lat 52.41N 0.08 Lon 174.74W 0.11
Dep 26.9 8.1 Half-duration 2.4
Principal Axes:
Scale 10**24 D-CM
T Val= 2.77 Plg= 7 Azm=212
N 0.73 59 313
P -3.50 30 118
Best Double Couple:Mo=3.1*10**24
NP1:Strike=259 Dip=64 Slip=-163
NP2: 161 74 -27

15 14 38 09.27 29.627N 69.363E 18km
5.2mb (45 abs.)
PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 14:38:12.8 0.6
Lat 29.54N 0.08 Lon 69.11E 0.11
Dep 15.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.45 Plg=50 Azm=274
N 3.97 24 36
P -11.42 29 141
Best Double Couple:Mo=9.4*10**23
NP1:Strike=278 Dip=27 Slip= 154
NP2: 31 79 65

16 16 51 12.31 47.204N 154.109E 25km
5.8mb (65 obs.) 5.5Msz (18 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 36C
Centroid Location:
Origin Time 16:51:16.9 0.2
Lat 47.34N 0.02 Lon 154.06E 0.03
Dep 21.0 BDY Half-duration 3.2
Principal Axes:
Scale 10**24 D-CM
T Val= 6.51 Plg=72 Azm=285
N 0.42 4 26
P -6.93 18 117
Best Double Couple:Mo=6.7*10**24
NP1:Strike=213 Dip=27 Slip= 98
NP2: 24 63 86

17 16 20 22.23 52.327N 174.504W 26km
5.8mb (84 abs.) 6.6Msz (23 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=160 Dip=82 Slip= 5
NP2: 69 85 172
Principal Axes:
T Plg= 9 Azm= 24
P 2 115
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 42 No. af sta: 19
Principal Axes:
Scale 10**25 d-cm
T Val= 4.75 Plg=31 Azm= 13
N -0.06 52 234
P -4.70 20 116
Best Double Couple:Mo=4.7*10**25
NP1:Strike=158 Dip=52 Slip= 9
NP2: 62 83 142
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 38C M.W.: 13S, 27C
Centroid Location:
Origin Time 16:20:30.6 0.2
Lat 52.53N 0.02 Lon 174.70W 0.03
Dep 15.0 FIX Half-duration 7.4
Principal Axes:
Scale 10**25 D-CM
T Val= 7.23 Plg=20 Azm= 18
N 0.43 60 250
P -7.66 22 116
Best Double Couple:Ma=7.4*10**25
NP1:Strike=156 Dip=60 Slip= -2
NP2: 247 88 -150

19 02 37 34.91 52.284N 174.941W 33km
5.1mb (67 abs.) 5.2Msz (6 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C
Centroid Location:
Origin Time 02:37:34.9 0.4
Lat 52.68N 0.05 Lon 175.02W 0.09
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM
T Val= 14.72 Plg= 7 Azm=210
N -2.47 45 307
P -12.25 44 113
Best Double Couple:Mo=1.3*10**24
NP1:Strike=262 Dip=55 Slip=-150
NP2: 153 66 -39

19 08 08 02.62 47.123N 154.217E 45km
5.2mb (71 abs.) 5.0Msz (2 abs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 25C
Centroid Location:
Origin Time 08:08: 6.0 0.6
Lat 47.46N 0.06 Lon 154.06E 0.10
Dep 28.1 3.9 Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM
T Val= 12.02 Plg=73 Azm=299
N 1.89 0 208
P -13.91 17 118
Best Double Couple:Mo=1.3*10**24
NP1:Strike=207 Dip=28 Slip= 89
NP2: 28 62 90

19 13 02 43.81 12.617S 167.301E 33km
5.3mb (15 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 13:02:45.1 2.2
Lat 12.85S 0.13 Lon 167.46E 0.17
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 6.08 Plg=14 Azm=127
N -0.49 0 37
P -5.60 76 307
Best Double Couple:Mo=5.8*10**23
NP1:Strike=217 Dip=31 Slip= -90
NP2: 37 59 -90

19 20 54 03.71 12.629S 167.227E 52km
5.4mb (26 obs.) 5.5Msz (9 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 35C
Centroid Location:
Origin Time 20:54: 3.6 0.6
Lat 12.73S 0.04 Lon 167.37E 0.05
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 7.15 Plg=13 Azm=122
N -1.06 5 213
P -6.09 76 324
Best Double Couple:Ma=6.6*10**24
NP1:Strike=205 Dip=32 Slip= -99
NP2: 36 58 -84

20 05 25 46.96 24.125N 121.619E 19km
6.1mb (70 abs.) 6.4Msz (16 abs.)
TAIWAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 50 Dip=55 Slip= 120
NP2: 185 45 54
Principal Axes:
T Plg=65 Azm= 17
P 6 119
Comment: The focal mechanism is maderately well cantralled and correspands to reverse faulting with a large strike-slip component. The preferred fault plane is nat determined.
MOMENT TENSOR SOLUTION
Dep 17 No. af sta: 12
Principal Axes:
Scale 10**25 d-cm
T Val= 2.34 Plg=64 Azm= 58
N 0.54 26 237

P -2.88 0 327
Best Double Couple:Mo=2.6*10**25
NP1:Strike= 81 Dip=50 Slip= 125
NP2: 214 51 56
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 35C M.W.: 3S, 7C
Centroid Location:
Origin Time 05:25:50.5 0.2
Lat 23.79N 0.01 Lon 121.29E 0.03
Dep 37.0 1.1 Half-duration 4.8
Principal Axes:
Scale 10**25 D-CM
T Val= 2.62 Plg=74 Azm= 43
N -0.50 16 230
P -2.12 2 140
Best Double Couple:Mo=2.4*10**25
NP1:Strike=214 Dip=45 Slip= 67
NP2: 65 49 111

20 21 57 06.25 7.305S 106.492E 61km
5.6mb (32 obs.)
JAVA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 24C
Centroid Location:
Origin Time 21:57:12.6 0.4
Lat 7.23S 0.05 Lon 106.43E 0.04
Dep 100.8 3.2 Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 2.25 Plg=45 Azm= 30
N 0.04 32 159
P -2.29 28 268
Best Double Couple:Mo=2.3*10**24
NP1:Strike= 48 Dip=34 Slip= 162
NP2: 152 80 57

21 01 45 24.97 14.368N 20.141W 10km
5.2mb (63 obs.) 4.8Msz (4 obs.)
NORTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 28C
Centroid Location:
Origin Time 01:45:33.8 0.5
Lat 14.90N 0.04 Lon 20.02W 0.04
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 2.04 Plg= 0 Azm=197
N -0.44 90 180
P -1.60 0 107
Best Double Couple:Mo=1.8*10**24
NP1:Strike=242 Dip=90 Slip= 180
NP2: 332 90 0

21 05 47 10.87 43.684N 148.416E 39km
6.1mb (77 obs.) 6.2Msz (16 obs.)
KURIL ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 33 Dip=76 Slip= 90
NP2: 213 14 90
Principal Axes:
T Plg=59 Azm=303
P 31 123
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 14
Principal Axes:
Scale 10**25 d-cm
T Val= 3.16 Plg=58 Azm=296
N -0.24 2 203
P -2.92 32 112
Best Double Couple:Mo=3.0*10**25
NP1:Strike=195 Dip=13 Slip= 82
NP2: 23 77 92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 28C
Centroid Location:
Origin Time 05:47:14.5 0.2
Lat 43.62N 0.03 Lon 148.55E 0.04
Dep 16.1 1.7 Half-duration 5.0
Principal Axes:
Scale 10**25 D-CM
T Val= 3.13 Plg=62 Azm=294
N 0.15 6 34
P -3.29 27 127
Best Double Couple:Mo=3.2*10**25
NP1:Strike=231 Dip=19 Slip= 108
NP2: 33 72 84

22 10 29 50.62 43.728N 148.433E 42km
5.2mb (59 obs.) 4.5Msz (4 obs.)
KURIL ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 18C
Centroid Location:
Origin Time 10:29:52.4 1.2
Lat 43.99N 0.12 Lon 148.23E 0.23
Dep 44.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 2.92 Plg=71 Azm=260
N -0.56 16 46
P -2.36 10 139
Best Double Couple:Mo=2.6*10**23
NP1:Strike=248 Dip=38 Slip= 117
NP2: 36 57 71

22 19 52 21.87 34.630N 26.528E 43km
5.1mb (53 obs.) 5.2Msz (3 obs.)
CRETE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 30C
Centroid Location:
Origin Time 19:52:21.9 0.5
Lat 34.12N 0.06 Lon 26.72E 0.07
Dep 33.2 4.7 Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 1.94 Plg=47 Azm= 64
N 0.42 34 288
P -2.37 23 182
Best Double Couple:Mo=2.2*10**24
NP1:Strike=227 Dip=37 Slip= 24
NP2: 118 76 125

23 09 51 24.46 12.699N 48.179E 10km
5.5mb (46 obs.) 5.4Msz (10 obs.)
EASTERN GULF OF ADEN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C
Centroid Location:
Origin Time 09:51:27.6 0.2
Lat 12.94N 0.02 Lon 48.14E 0.02
Dep 15.0 FIX Half-duration 2.7
Principal Axes:
Scale 10**24 D-CM
T Val= 4.53 Plg= 4 Azm=204
N 0.02 19 113
P -4.55 71 307
Best Double Couple:Mo=4.5*10**24
NP1:Strike=314 Dip=44 Slip= -62
NP2: 98 52 -114

23 23 18 42.25 58.906N 153.377W 80km
5.0mb (52 obs.)
KODIAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 23:18:47.0 1.1
Lat 58.88N 0.13 Lon 153.20W 0.20
Dep 88.1 5.5 Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 5.85 Plg=26 Azm=308
N -0.63 61 154
P -5.22 11 44
Best Double Couple:Mo=5.5*10**23
NP1:Strike= 89 Dip=64 Slip= 12
NP2: 353 80 153

24 10 43 35.93 15.575S 173.051W 33km
5.4mb (40 obs.) 5.8Msz (15 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centroid Location:
Origin Time 10:43:42.3 0.2
Lat 15.48S 0.03 Lon 173.09W 0.03
Dep 15.0 FIX Half-duration 3.2
Principal Axes:
Scale 10**24 D-CM
T Val= 10.80 Plg=56 Azm=288
N 1.03 11 181
P -11.83 31 84
Best Double Couple:Mo=1.1*10**25
NP1:Strike=142 Dip=17 Slip= 50
NP2: 4 77 101

24 15 31 52.63 35.977N 69.065E 45km
5.2mb (59 obs.) 4.6Msz (1 obs.)
HINDU KUSH REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Location:
Origin Time 15:31:53.7 0.8
Lat 35.99N 0.14 Lon 68.69E 0.14
Dep 17.0 BDY Half-duration 1.2
Principal Axes:
Scale 10**23 D-CM
T Val= 4.17 Plg=67 Azm=129
N -1.54 22 326
P -2.63 6 234
Best Double Couple:Mo=3.4*10**23
NP1:Strike=301 Dip=43 Slip= 57
NP2: 163 55 117

25 03 09 19.70 31.911S 57.067E 10km
5.1mb (12 obs.)
ATLANTIC-INDIAN RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 23C
Centroid Location:
Origin Time 03:09:26.7 0.8
Lat 31.74S 0.11 Lon 57.01E 0.09
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.45 Plg=16 Azm=308
N -0.27 62 185
P -6.18 22 45
Best Double Couple:Mo=6.3*10**23
NP1:Strike= 85 Dip=62 Slip= -5
NP2: 177 86 -152

25 12 25 19.34 23.991S 175.869W 33km
5.4mb (17 obs.) 4.9Msz (3 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 30C
Centroid Location:
Origin Time 12:25:26.6 0.8
Lat 23.81S 0.06 Lon 175.72W 0.07
Dep 38.9 4.1 Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 9.30 Plg=68 Azm=305
N 1.41 6 200
P -10.71 21 108
Best Double Couple:Mo=1.0*10**24
NP1:Strike=188 Dip=24 Slip= 76
NP2: 23 66 96

26 00 16 24.44 16.202S 172.859W 33km
5.2mb (22 obs.) 5.4Msz (4 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 33C
Centroid Location:
Origin Time 00:16:35.5 0.2
Lat 16.28S 0.03 Lon 172.74W 0.03
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**24 D-CM
T Val= 7.79 Plg=64 Azm=264
N 0.02 6 7
P -7.81 25 99
Best Double Couple:Mo=7.8*10**24
NP1:Strike=203 Dip=20 Slip= 107
NP2: 4 71 84

26 18 40 44.26 21.819S 179.079W 583km
6.1mb (44 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=330 Dip=83 Slip= -36
NP2: 65 54 -171
Principal Axes:
T Plg=19 Azm= 23
P 30 281
Comment: The focal mechanism is

moderotely well controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 568 No. of sta: 8
Principal Axes:
Scale 10**26 d-cm
T Val= 1.91 Plg=15 Azm= 22
N 0.00 54 133
P -1.91 32 283
Best Double Couple:Mo=1.9*10**26
NP1:Strike= 67 Dip=56 Slip=-166
NP2: 329 79 -35
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 48C
Centroid Location:
Origin Time 18:40:54.5 0.2
Lat 21.57S 0.02 Lon 179.30W 0.02
Dep 603.4 0.9 Half-duration 9.6
Principal Axes:
Scale 10**26 D-CM
T Val= 2.08 Plg= 3 Azm= 7
N 0.05 47 100
P -2.13 43 274
Best Double Couple:Mo=2.1*10**26
NP1:Strike= 60 Dip=59 Slip=-149
NP2: 312 64 -35

26 19 06 15.99 20.190S 178.860E 538km
6.4mb (26 obs.)
SOUTH OF FIJI ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=255 Dip=75 Slip= 50
NP2: 148 42 157
Principal Axes:
T Plg=45 Azm=125
P 20 14
Comment: The focal mechanism is well controlled and corresponds to reverse faulting with a large strike-slip component. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 32C M.W.: 15S, 36C
Centroid Location:
Origin Time 19.06:25.0 0.2
Lat 20.24S 0.02 Lon 179.03E 0.02
Dep 567.5 1.8 Half-duration 14.4
Principal Axes:
Scale 10**26 D-CM
T Val= 5.81 Plg=40 Azm=174
N -0.50 21 283
P -5.31 43 34
Best Double Couple:Mo=5.6*10**26
NP1:Strike=197 Dip=21 Slip=-176
NP2: 103 89 -69

27 08 54 06.80 7.072S 124.152E 628km
5.6mb (45 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=60 Slip= -80
NP2: 281 31 -107
Principal Axes:
T Plg=14 Azm=203
P 73 55
Comment: The focal mechanism is well controlled and corresponds to normal faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 610 No. of sta: 4
Principal Axes:
Scale 10**25 d-cm
T Val= 1.07 Plg=21 Azm=222
N 0.04 5 314
P -1.11 68 56
Best Double Couple:Mo=1.1*10**25
NP1:Strike=304 Dip=24 Slip=-102
NP2: 136 66 -85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 08:54: 7.2 0.3
Lat 7.08S 0.03 Lon 124.35E 0.03
Dep 604.8 2.0 Half-duration 3.8
Principal Axes:
Scale 10**25 D-CM
T Val= 0.99 Plg=12 Azm=209
N 0.39 4 299
P -1.38 78 50
Best Double Couple:Mo=1.2*10**25
NP1:Strike=293 Dip=34 Slip= -98
NP2: 122 57 -85

28 13 33 44.36 19.960N 115.881W 10km
5.5mb (56 obs.) 5.1Msz (6 obs.)
EAST CENTRAL PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 27C
Centroid Location:
Origin Time 13:33:51.5 1.0
Lat 20.62N 0.08 Lon 116.14W 0.06
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 2.33 Plg=19 Azm=143
N -0.16 1 233
P -2.17 71 326
Best Double Couple:Mo=2.3*10**24
NP1:Strike=231 Dip=26 Slip= -92
NP2: 53 64 -89

28 14 42 06.20 9.044N 126.719E 57km
5.3mb (21 obs.) 4.5Msz (2 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 16C
Centroid Location:
Origin Time 14:42: 9.6 0.7
Lat 8.94N 0.08 Lon 126.71E 0.08
Dep 49.1 6.7 Half-duration 1.6
Principal Axes:
Scale 10**24 D-CM
T Val= 0.91 Plg=61 Azm=325
N 0.55 25 180
P -1.46 15 83
Best Double Couple:Mo=1.2*10**24
NP1:Strike=143 Dip=37 Slip= 46
NP2: 13 64 118

28 18 54 29.72 6.632S 155.870E 175km
5.2mb (33 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 19C
Centroid Location:
Origin Time 18:54:35.3 1.2
Lat 6.74S 0.10 Lon 155.77E 0.10
Dep 168.1 2.5 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.38 Plg= 1 Azm=299
N 1.87 16 209
P -8.25 74 33
Best Double Couple:Mo=7.3*10**23
NP1:Strike= 45 Dip=46 Slip= -68
NP2: 194 48 -112

29 20 31 19.78 16.955N 98.733W 36km
5.2mb (30 obs.) 4.2Msz (1 obs.)
NEAR COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: BS, 18C
Centroid Location:
Origin Time 20:31:15.4 1.0
Lat 16.40N 0.09 Lon 98.12W 0.09
Dep 57.2 6.0 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 7.34 Plg=74 Azm=163
N 0.55 7 280
P -7.90 14 12
Best Double Couple:Mo=7.6*10**23
NP1:Strike=112 Dip=32 Slip= 104
NP2: 276 59 81

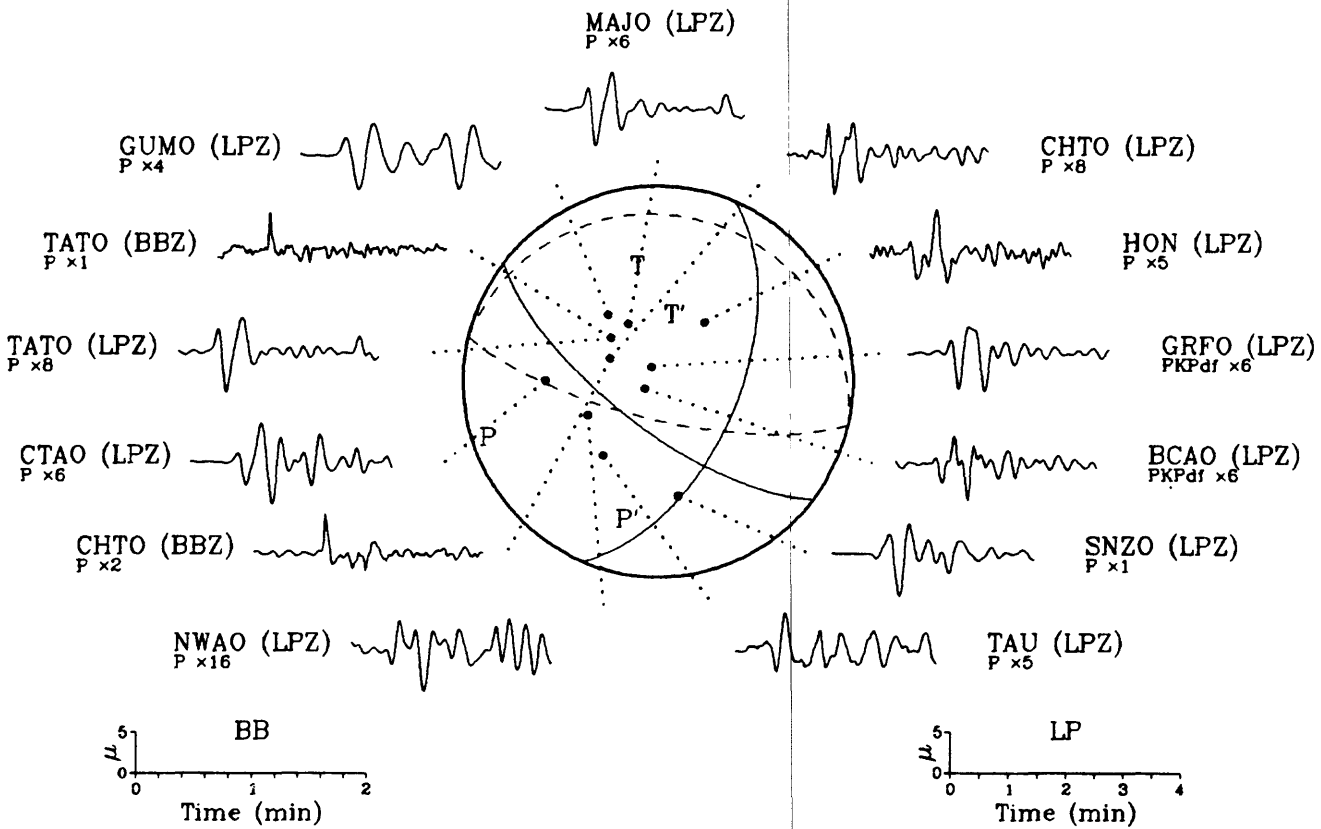
30 08 02 40.35 10.931S 162.412E 61km
5.5mb (23 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 08:02:41.7 0.3
Lat 11.21S 0.06 Lon 162.35E 0.05
Dep 30.1 3.2 Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 3.01 Plg=47 Azm=123
N -0.49 37 339
P -2.53 19 234
Best Double Couple:Mo=2.8*10**24
NP1:Strike=281 Dip=42 Slip= 25
NP2: 172 73 129

31 03 40 07.42 43.300N 145.614E 81km
5.4mb (74 obs.)
HOKKAIDO, JAPAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 29C
Centroid Location:
Origin Time 03:40: 8.4 0.3
Lat 43.12N 0.05 Lon 145.50E 0.07
Dep 70.7 4.1 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.25 Plg=28 Azm= 4
N -0.02 12 268
P -1.23 59 157
Best Double Couple:Mo=1.2*10**24
NP1:Strike=123 Dip=20 Slip= -53
NP2: 264 74 -102

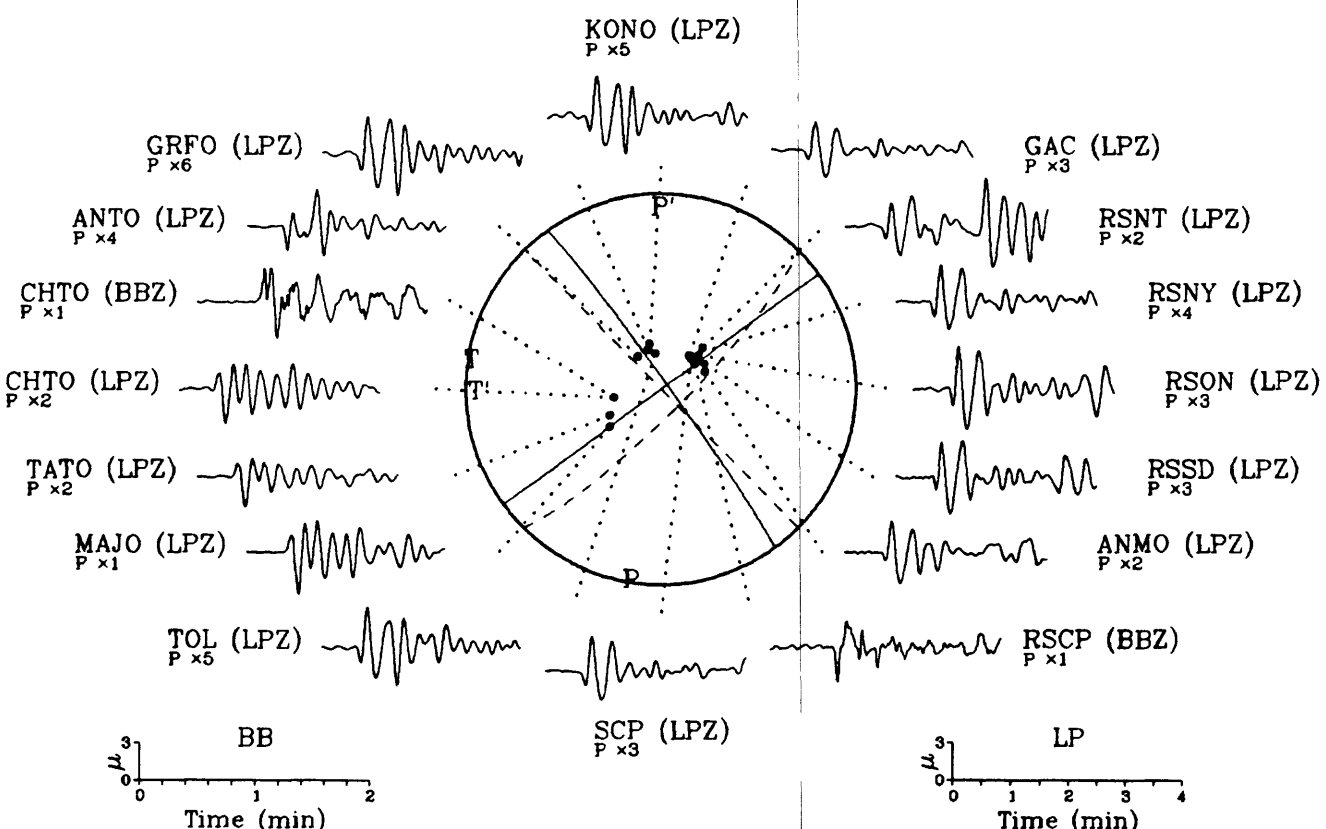
31 05 36 30.17 57.334S 147.519E 10km
5.1mb (6 obs.) 5.6Msz (1 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 26C
Centroid Location:
Origin Time 05:36:38.7 0.3
Lat 56.75S 0.06 Lon 147.19E 0.08
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 2.62 Plg= 5 Azm= 30
N -0.50 85 226
P -2.12 1 120
Best Double Couple:Mo=2.4*10**24
NP1:Strike=165 Dip=86 Slip= 2
NP2: 75 88 176

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

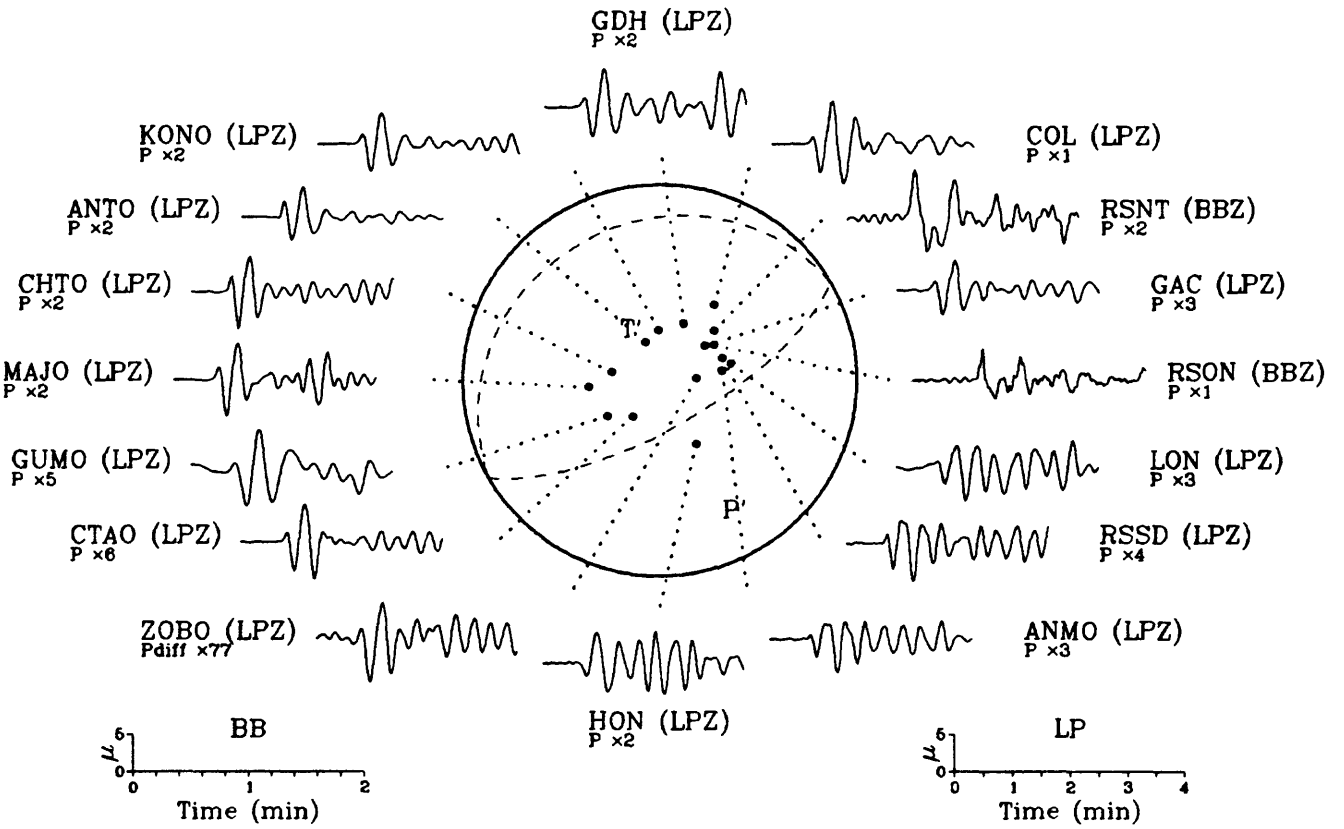
01 May 1986 19:31:40.22
Loyalty Islands Region



02 May 1986 10:30:02.85
Off East Coast of Kamchatka



07 May 1986 20:43:31.26
Andreanof Islands, Aleutian Is.



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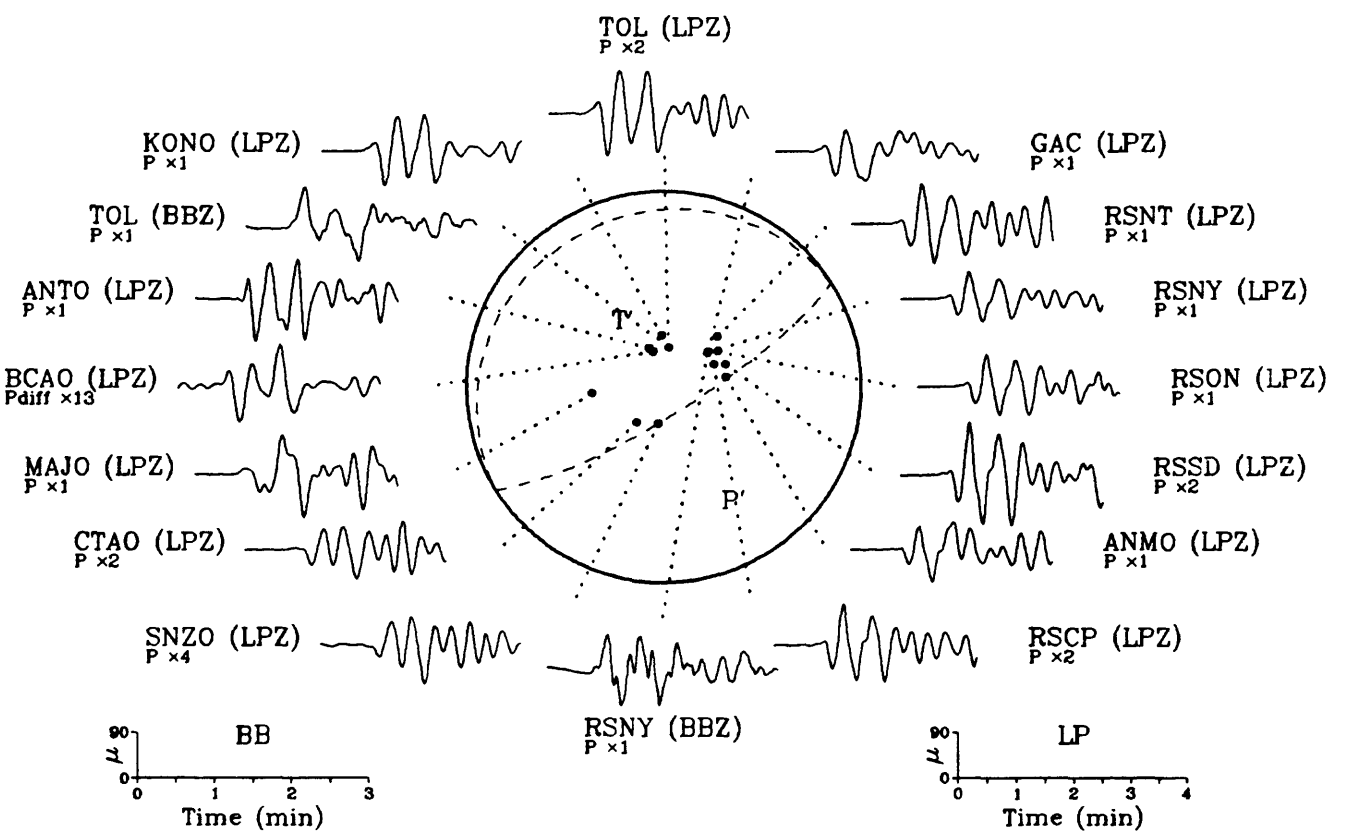
Andreanof Islands, Aleutian Is.



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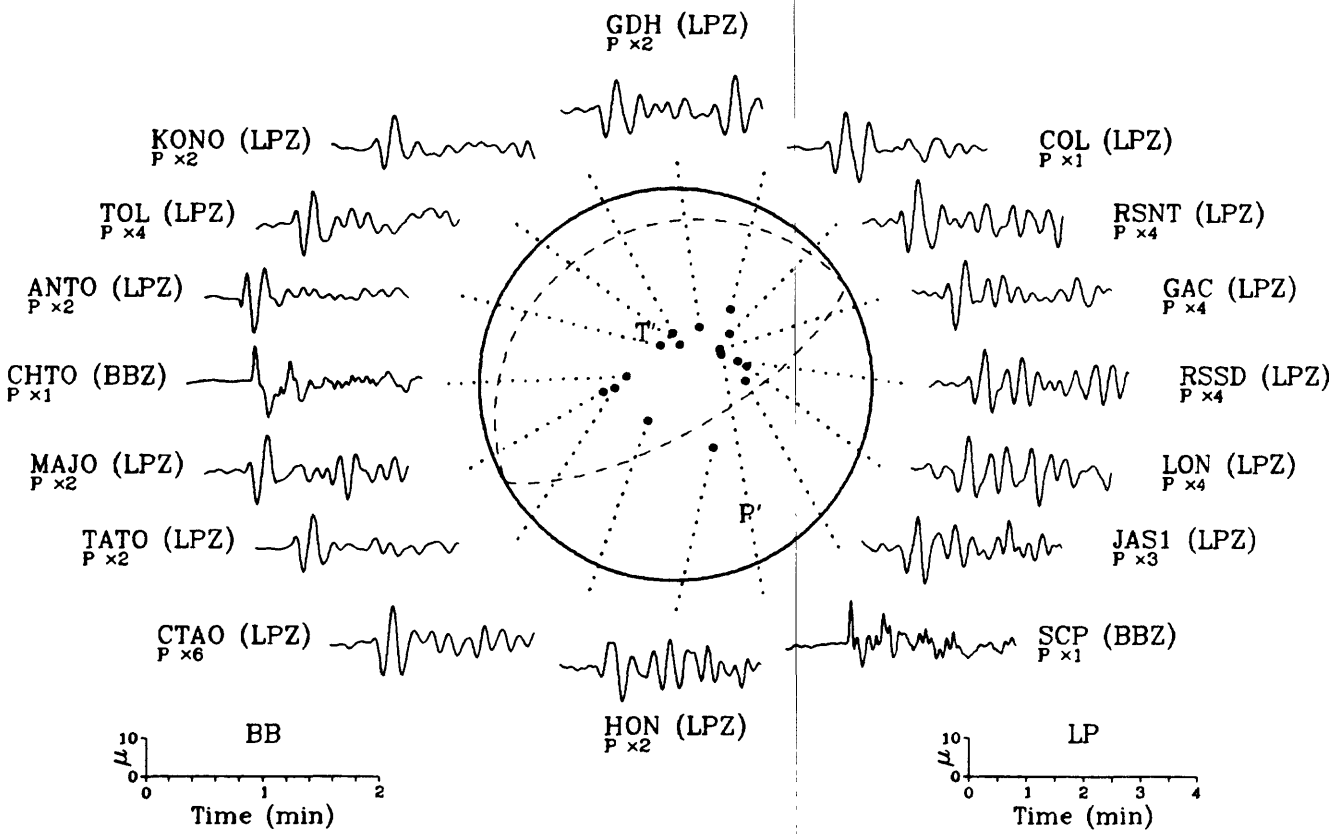
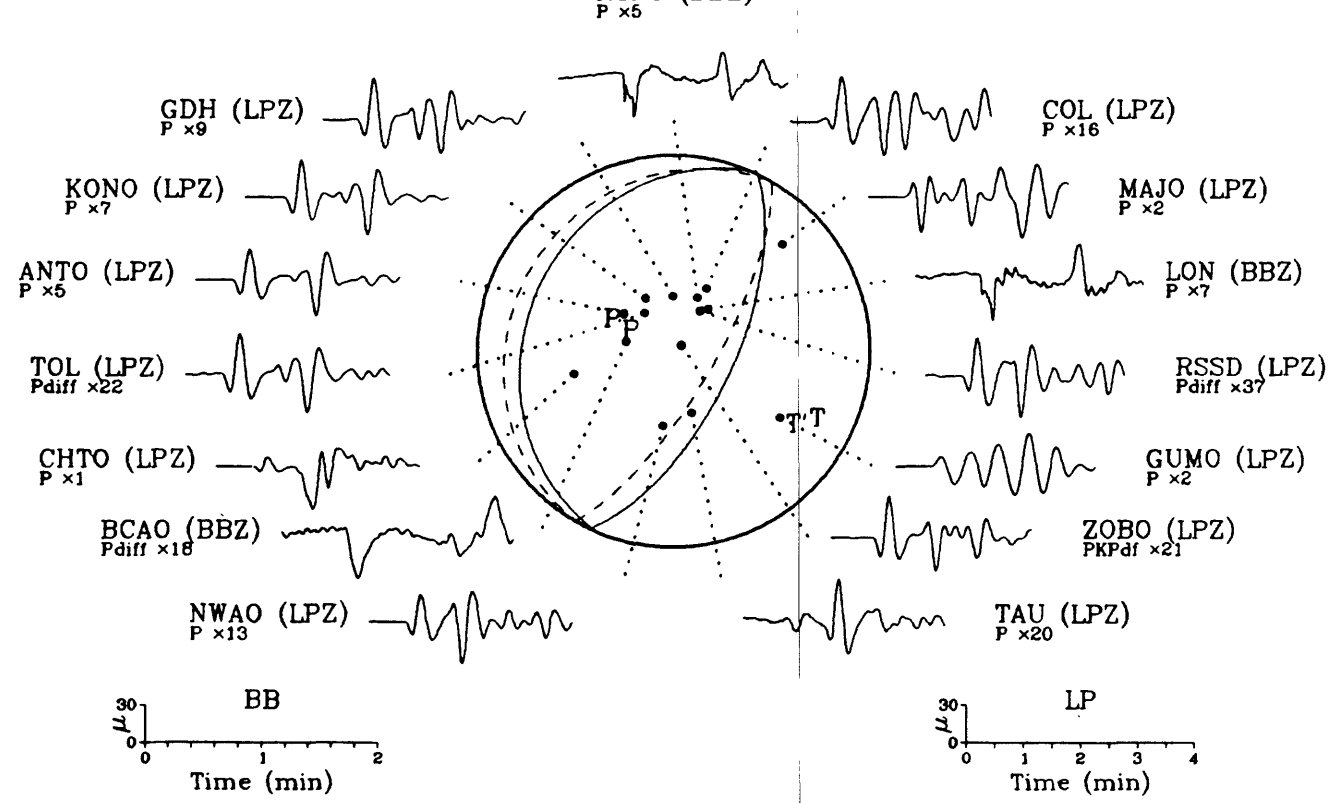
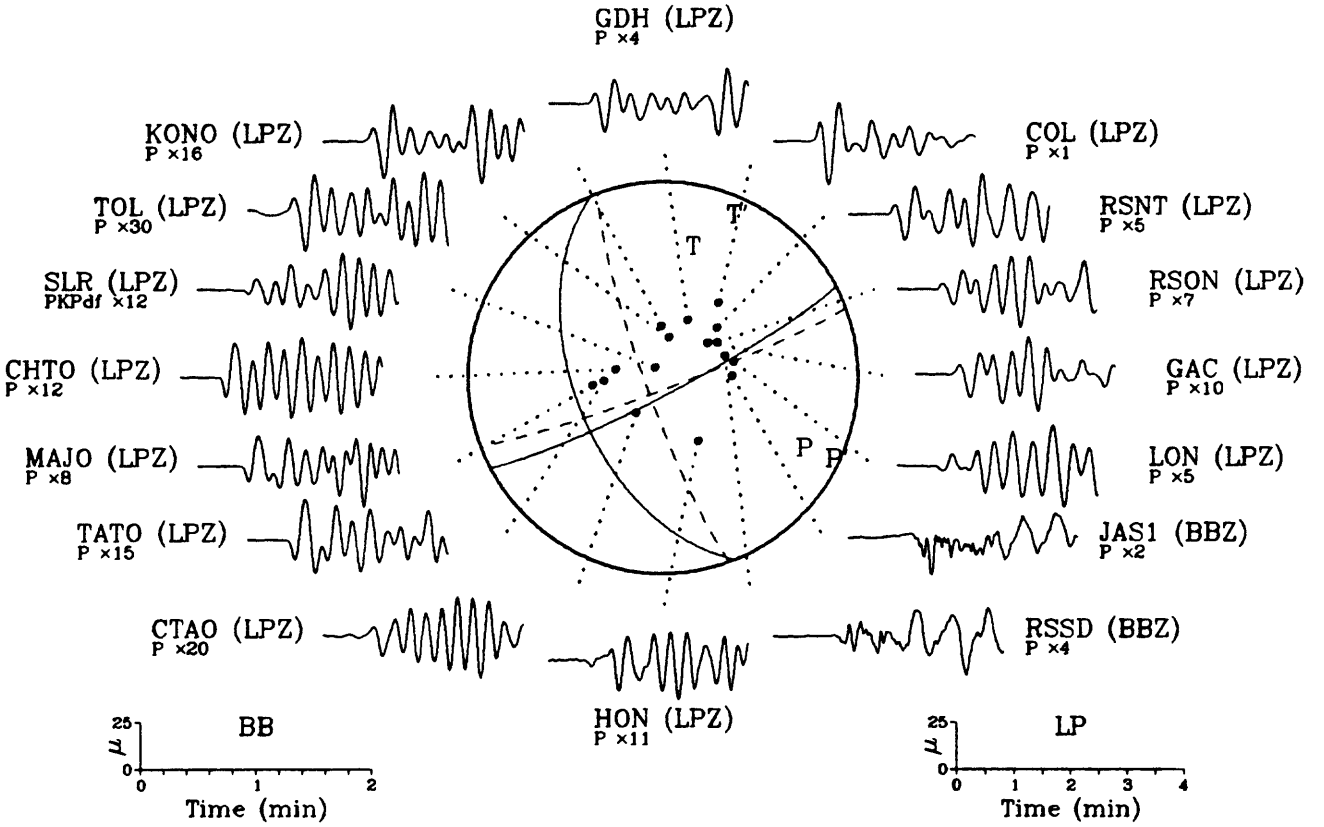


11 May 1986 01:24:25.79
Northeast of Taiwan



17 May 1986 16:20:22.23
Andreanof Islands, Aleutian Is.



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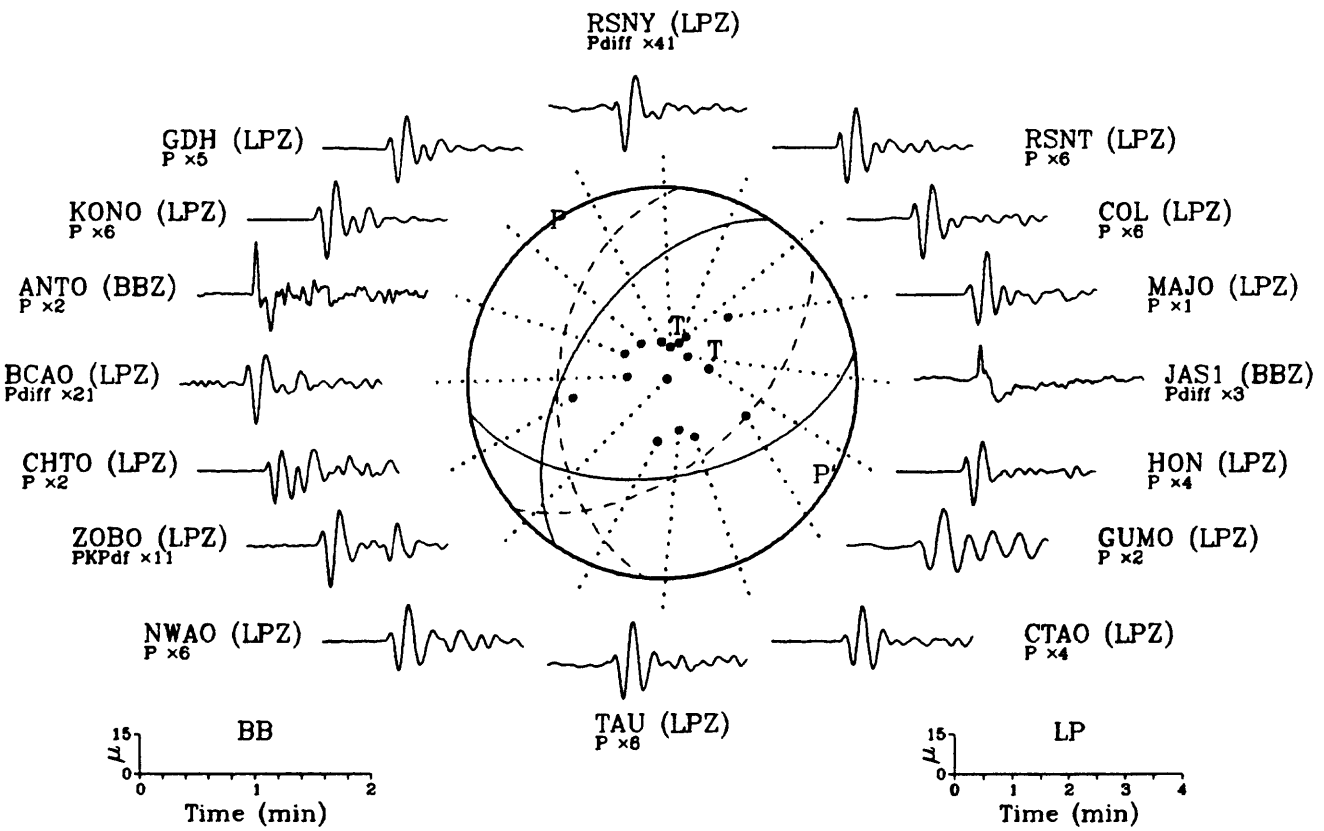
Taiwan



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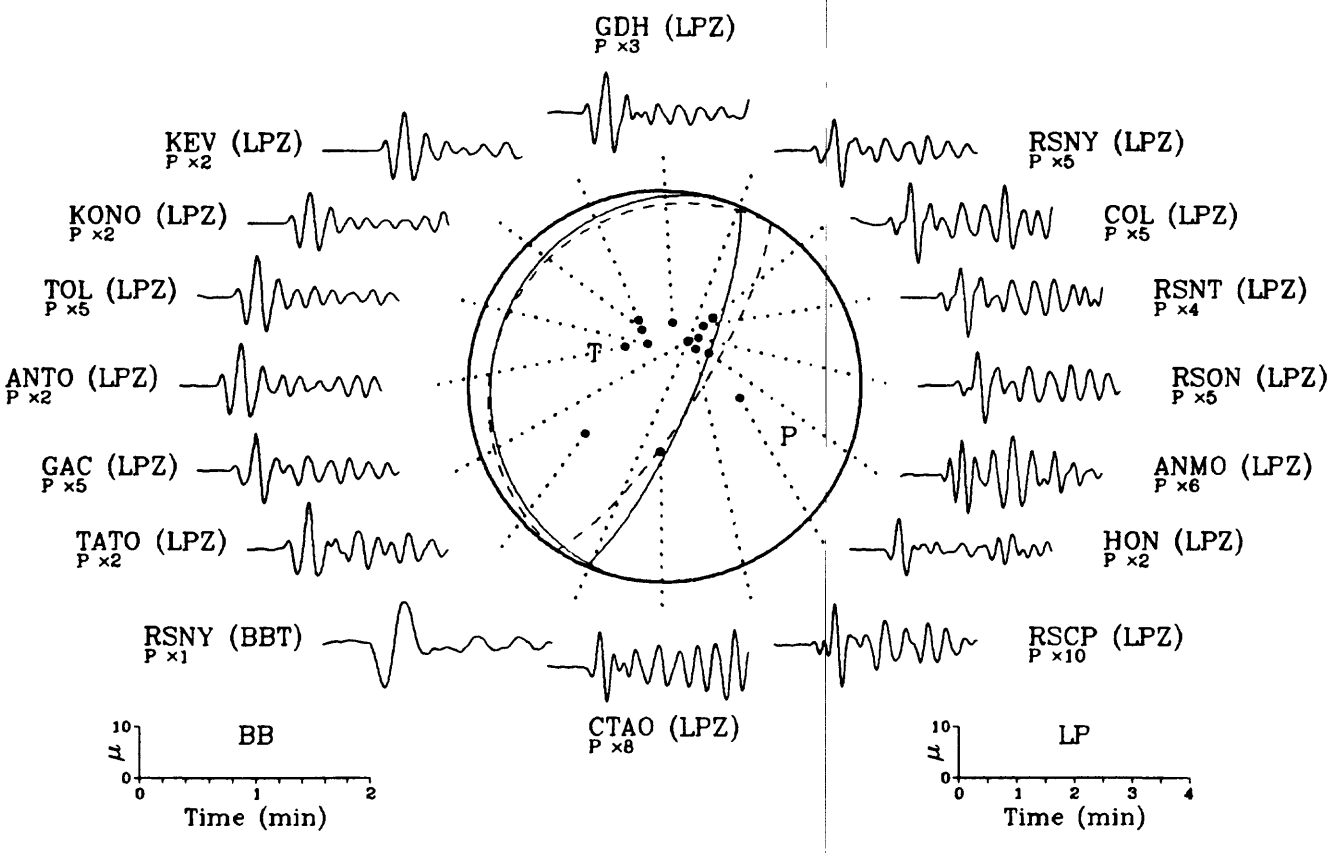
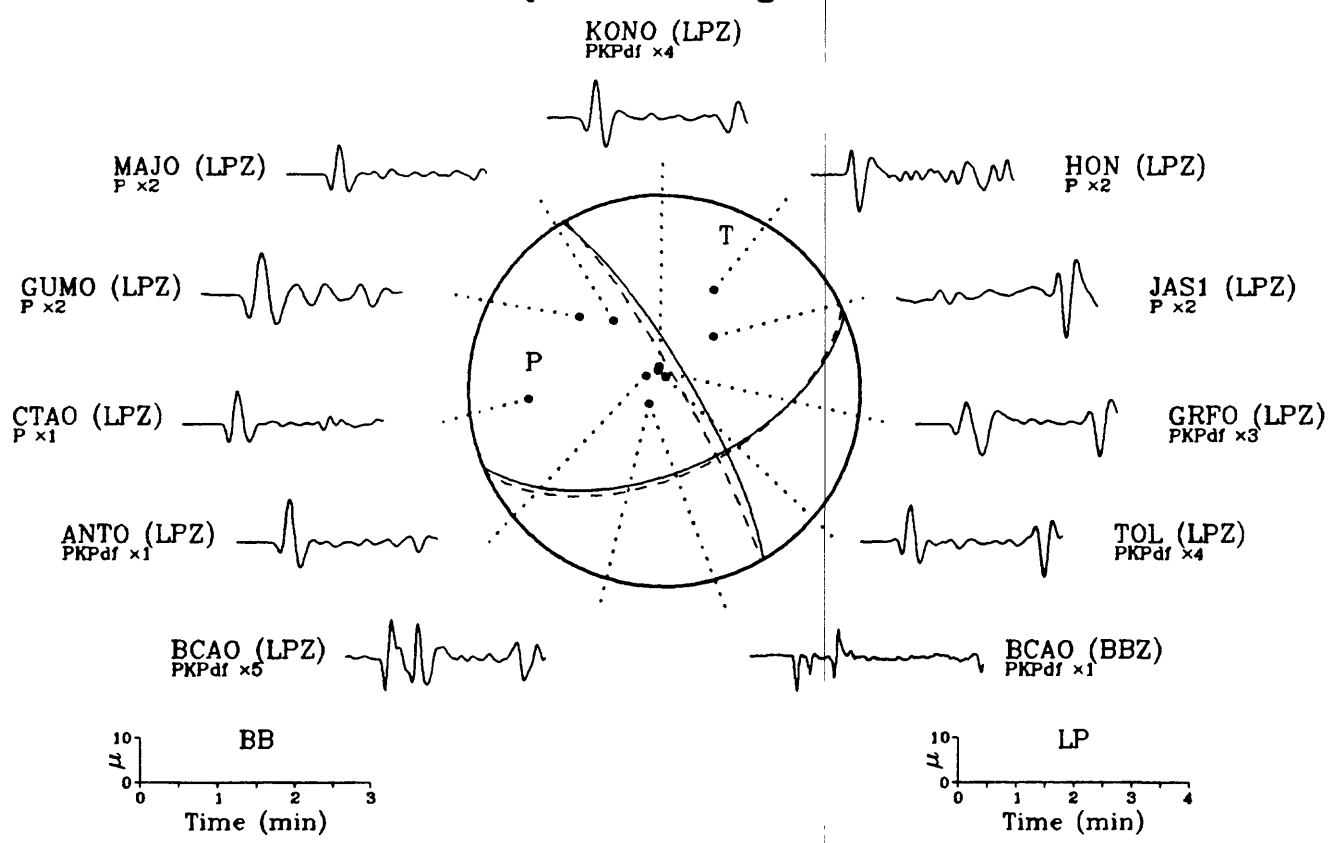
Kuril Islands Region

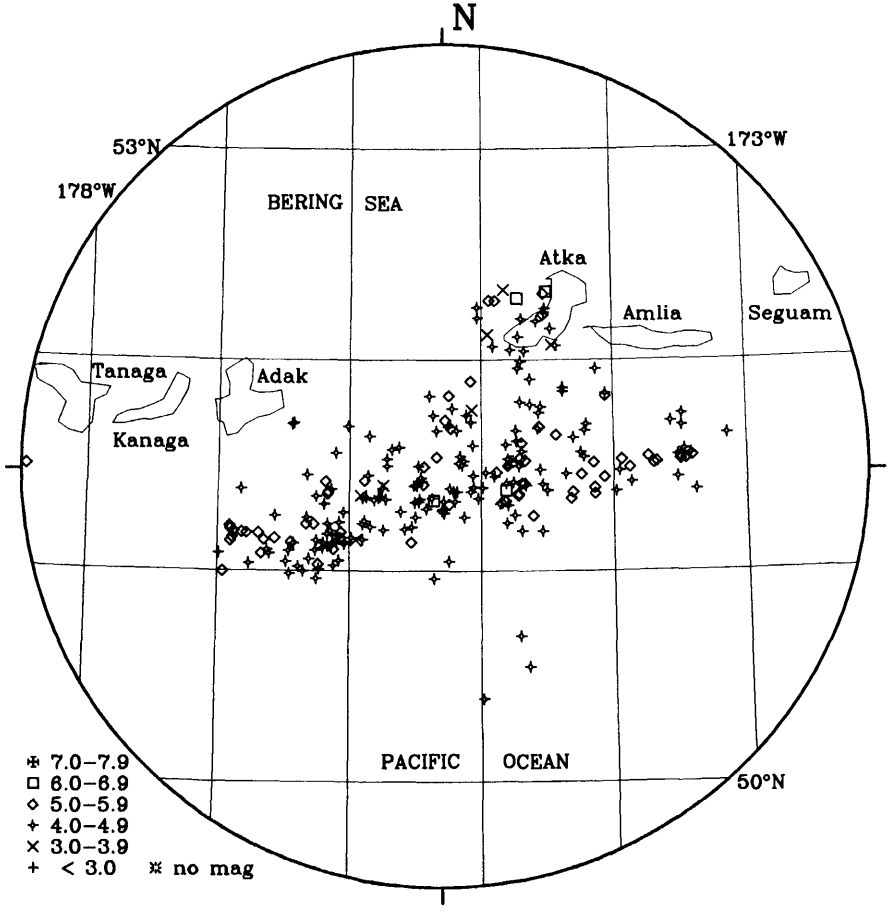


26 May 1986 18:40:44.26
Fiji Islands Region

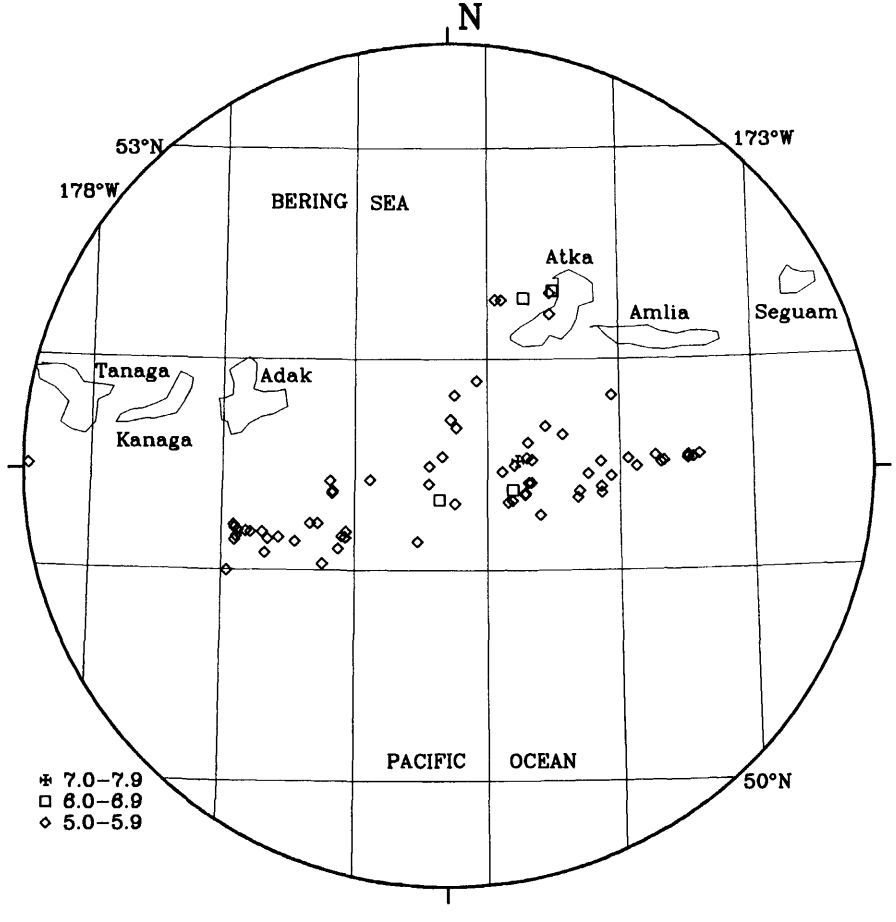


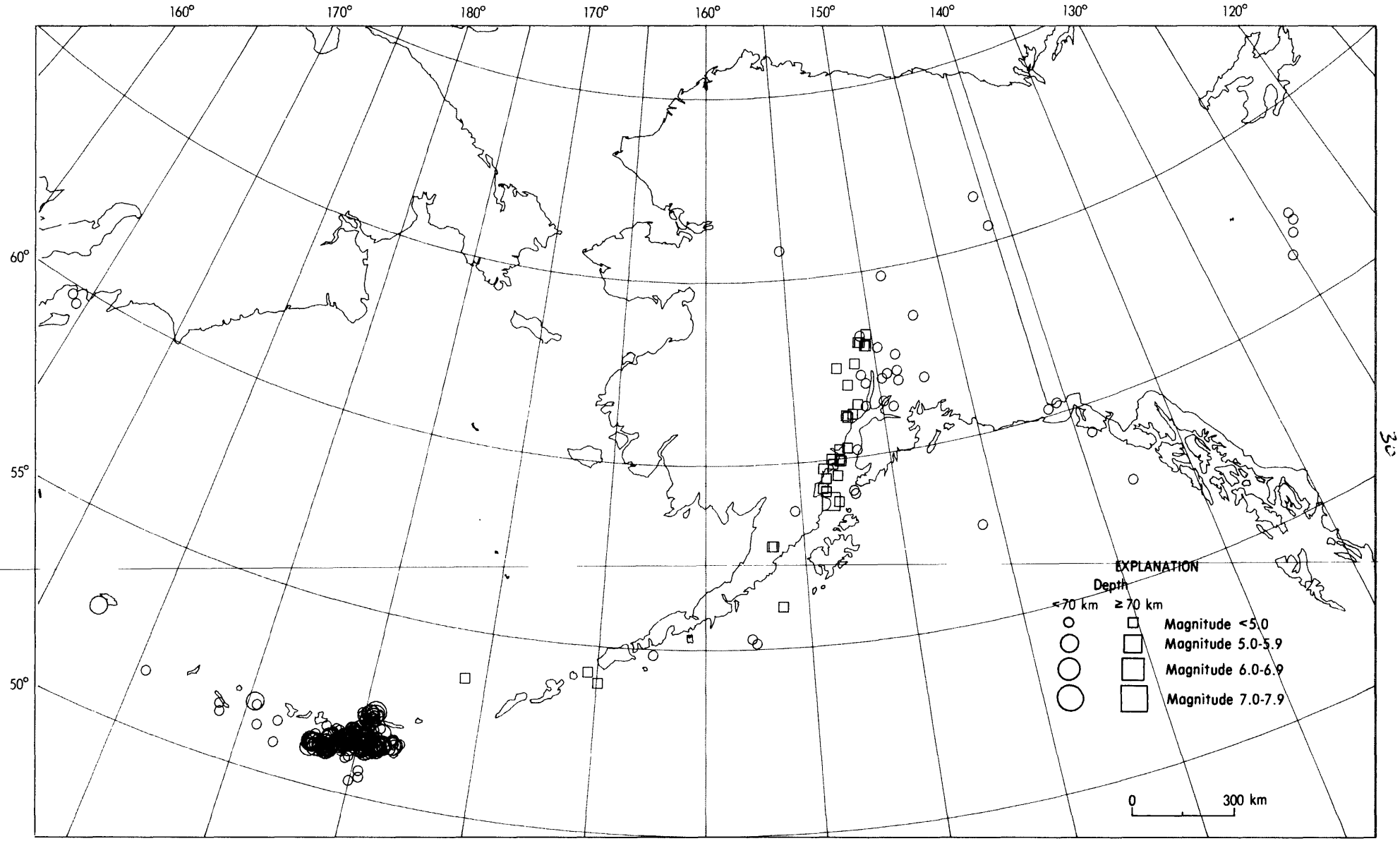
Earthquake Epicenters in the Andreanof Islands, Alaska, May 1986

All Events

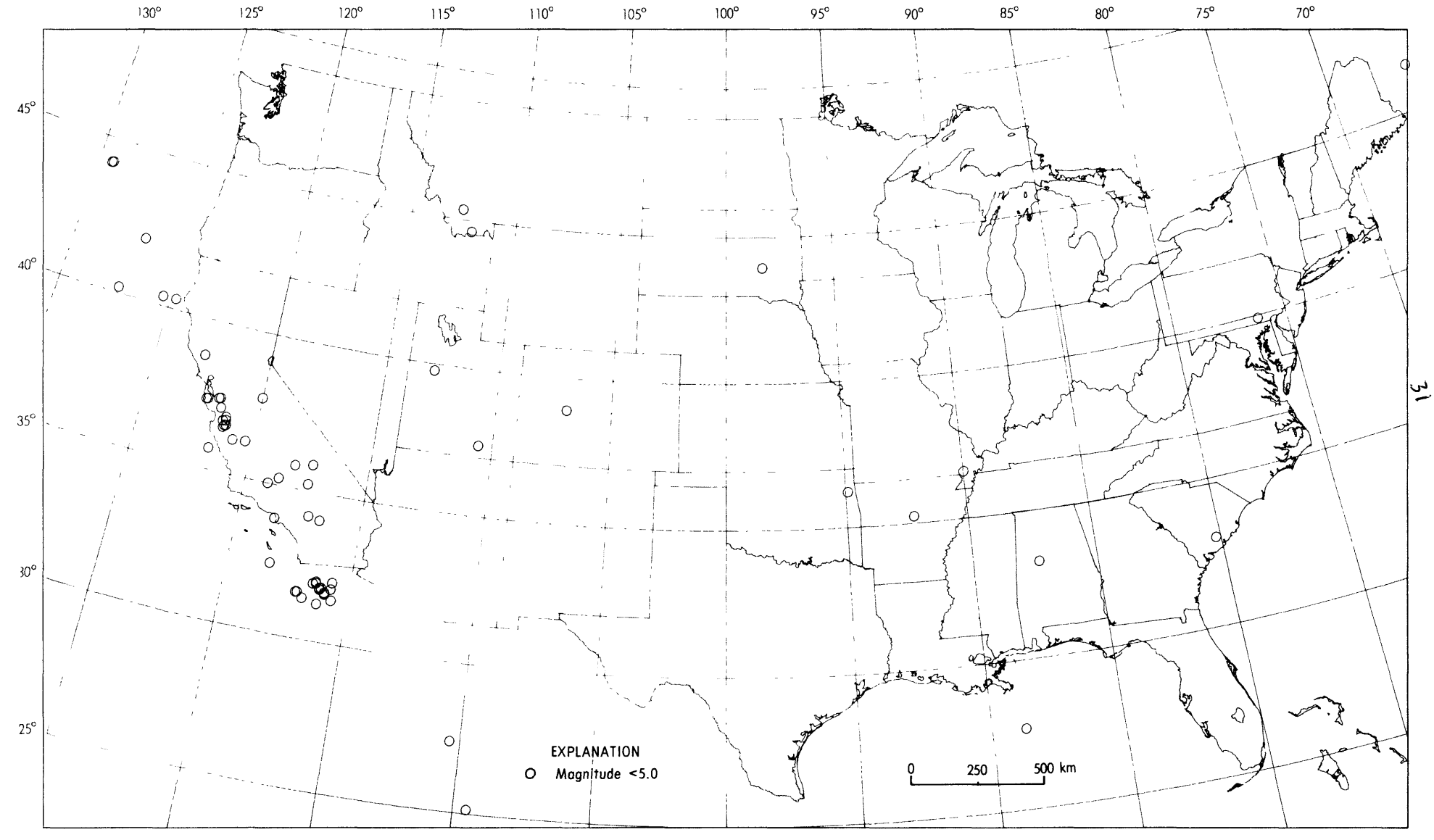


Magnitude 5.0 or Greater

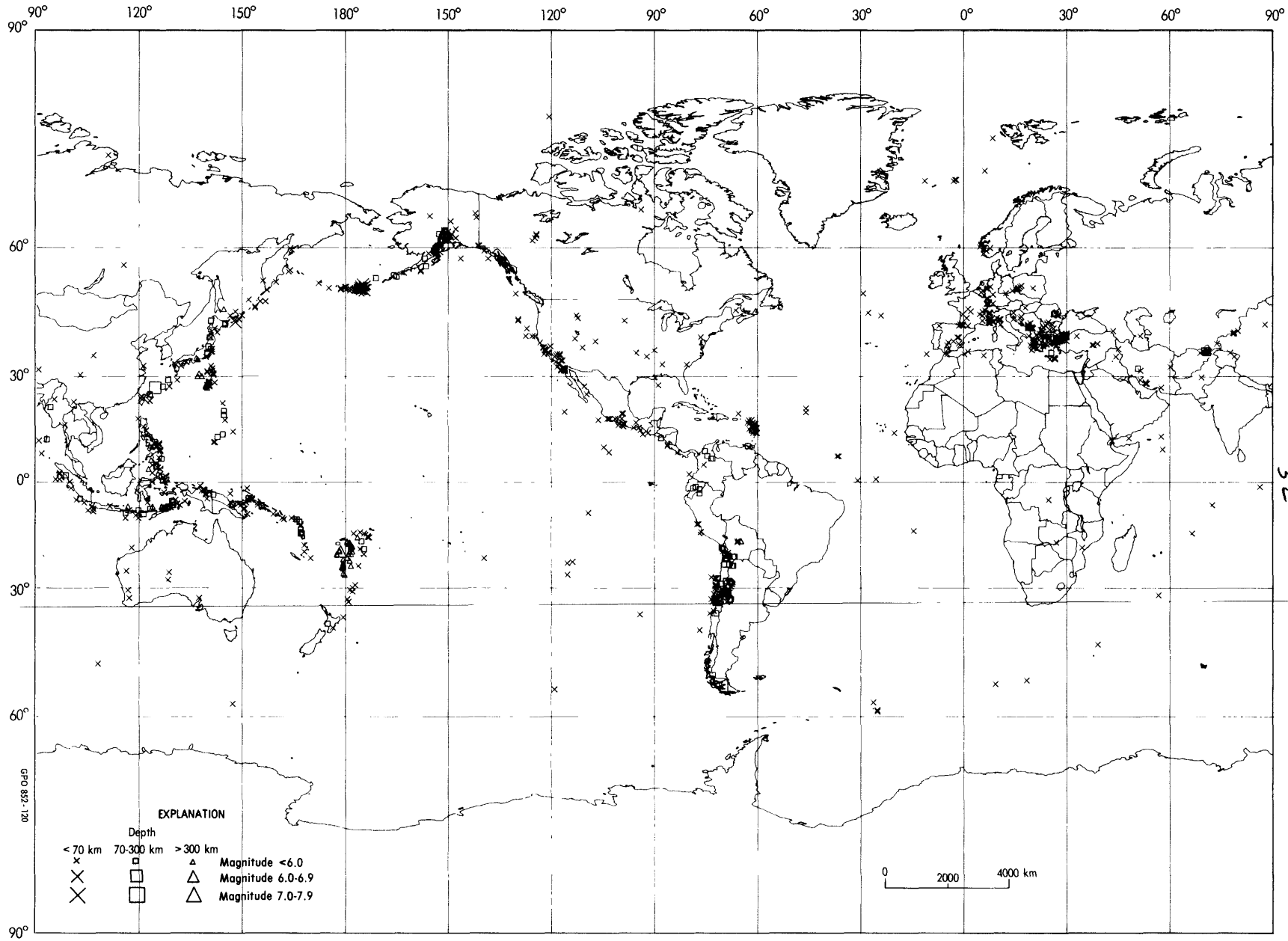




Earthquake epicenters in Alaska and adjacent regions for May, 1986 (C. Stover).



Earthquake epicenters in the United States and adjacent regions for May, 1986 (C. Stover).



Earthquakes located in May, 1986 (C. Stover).

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

J U N E 1 9 8 6

KEY	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	06	26.4*	49.663	N	155.792	E	33	N	4.8		0.9	48	KURIL ISLANDS
	01	00	08	47.2	4.660	S	153.397	E	79		5.0		0.9	29	NEW IRELAND REGION
	01	01	45	52.3*	38.653	N	20.299	E	10	G	3.7		0.8	8	GREECE. ML 3.7 (ATH).
	01	01	54	14.4	33.400	S	70.187	W	117		4.3		0.9	25	CHILE-ARGENTINA BORDER REGION. Felt (IV) at Santiago, Chile.
	01	03	57	18.6*	17.633	N	119.692	E	33	N	4.4		1.2	9	PHILIPPINE ISLANDS REGION
	01	06	10	42.5	37.486	N	118.825	W	5	G			0.7	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (BRK).
	01	06	43	10.3	37.970	N	27.366	E	22		3.8		0.9	24	TURKEY. ML 4.0 (ATH).
	01	06	49	02.8	36.623	N	121.260	W	5	G			0.8	18	CENTRAL CALIFORNIA. ML 2.7 (BRK).
	01	06	49	34.1&	36.612	N	121.267	W	4					5	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK).
	01	07	28	14.0*	15.147	N	61.238	W	159		4.5		0.7	14	LEEWARD ISLANDS
	01	07	36	56.5*	20.774	S	176.881	W	282	*	4.4		0.7	18	FIJI ISLANDS REGION
	01	10	56	21.1	22.301	N	143.889	E	98	D	4.7		0.9	51	VOLCANO ISLANDS REGION
	01	11	18	48.1&	60.512	N	151.877	W	74					21	KENAI PENINSULA, ALASKA. <AGS-P>.
	01	12	03	05.3*	42.256	N	2.258	E	10	G			1.4	6	PYRENEES. ML 2.8 (LDG).
	01	12	51	39.6*	17.819	S	174.620	W	33	N	4.7	4.7	1.2	31	TONGA ISLANDS
	01	13	49	50.1*	5.163	S	150.922	E	162	*	4.2		1.0	11	NEW BRITAIN REGION
	01	14	53	14.0&	47.000	N	66.600	W	5	G				5	NEW BRUNSWICK. <OTT-P>. mbLg 3.4 (OTT).
	01	15	02	07.8	42.321	N	19.987	E	10	G			0.8	10	YUGOSLAVIA. MD 2.8 (TTG).
	01	17	22	43.1%	43.492	N	0.784	W	10	G			0.4	6	PYRENEES. ML 2.7 (LDG).
	01	18	37	45.7*	36.995	N	73.067	E	33	N	4.5		1.3	20	NORTHWESTERN KASHMIR
	01	19	23	28.1	39.508	N	28.358	E	10				1.1	16	TURKEY
	01	19	34	44.6	36.619	N	121.252	W	5	G			1.0	13	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	01	19	52	38.2&	35.656	N	96.897	W	5	G				8	OKLAHOMA. <TUL>. MD 2.0 (TUL).
	01	20	14	17.4	5.544	N	126.115	E	124		5.2		1.2	72	MINDANAO, PHILIPPINE ISLANDS
	01	21	10	53.0*	28.230	N	140.665	E	33	N	4.6		1.5	15	BONIN ISLANDS REGION
	01	21	12	41.0?	52.09	N	176.03	W	33	N	4.2		0.7	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	21	14	02.0%	40.729	N	29.873	E	10	G			0.7	7	TURKEY
	01	21	46	04.1*	36.973	N	73.141	E	33	N	4.7		0.9	15	NORTHWESTERN KASHMIR
	01	22	22	25.9*	84.614	N	3.018	E	10	G	4.2	3.4	1.3	17	NORTH OF SVALBARD
	01	22	47	55.3*	14.062	S	73.807	W	33	N	4.5	4.0	0.7	13	PERU
	01	22	53	05.2*	17.907	S	174.561	W	33	N	4.7		1.0	20	TONGA ISLANDS
	02	00	42	22.5*	51.568	N	174.610	W	33	N	4.5		1.1	28	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	01	28	45.1	46.547	N	9.372	E	10	G			0.7	9	SWITZERLAND
a	02	01	31	09.8	7.015	S	154.484	E	16		5.9	5.7	1.0	255	SOLOMON ISLANDS. Ms 5.7 (BRK).
	02	02	35	57.2?	51.40	N	175.04	W	33	N	4.4		0.6	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	03	39	07.4	44.489	N	10.707	E	10	G			1.3	50	NORTHERN ITALY. ML 4.2 (KBA), 3.7 (LDG). MD 3.7 (TRI).
	02	03	50	57.9%	46.167	N	1.805	E	10	G			0.3	5	FRANCE. ML 1.8 (LDG).
a	02	03	56	24.3	29.805	N	130.603	E	54		5.1	5.8	1.2	126	RYUKYU ISLANDS
	02	04	04	05.2	39.344	N	99.781	W	5	G			0.9	16	KANSAS. mbLg 3.0 (NEIS). Felt (III) at Bogue, Damar, Hill City, Lenora, New Almelo, Penokee and Stockton. Also felt at Nicodemus.
	02	04	04	30.8	7.001	S	154.576	E	33	N	4.8		1.2	18	SOLOMON ISLANDS
	02	04	10	14.9?	35.29	S	105.55	W	10	G	4.8		1.4	15	EASTER ISLAND CORDILLERA
	02	04	10	52.2*	38.575	N	20.485	E	10	G			1.3	8	GREECE
	02	06	25	21.2	35.837	N	45.634	E	23	D	4.7	4.5	1.3	81	IRAN-IRAQ BORDER REGION
	02	07	08	11.2&	34.652	N	96.651	W	5	G				4	OKLAHOMA. <TUL>. MD 1.3 (TUL).
	02	08	13	18.1	6.025	S	154.508	E	65		5.2		1.2	45	SOLOMON ISLANDS. Felt (III) at Panguna, Bougainville.
	02	09	04	58.1	39.916	N	29.168	E	10	G			0.5	11	TURKEY
	02	09	16	11.6%	60.199	N	5.165	E	10	G			0.1	5	SOUTHERN NORWAY. MD 1.4 (BER).
	02	09	36	10.7	44.492	N	11.033	E	10	G			0.7	8	NORTHERN ITALY. ML 2.9 (LDG), 2.9 (KBA).
	02	09	41	41.6?	51.19	N	176.22	W	33	N	4.1		2.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	10	49	38.9%	60.713	N	5.573	E	10	G			0.2	5	SOUTHERN NORWAY. MD 2.0 (BER).
	02	11	02	39.9	37.941	N	27.311	E	10	G			0.7	12	TURKEY
	02	12	36	43.9*	70.639	N	14.772	W	10	G	4.4		0.8	23	JAN MAYEN ISLAND REGION
	02	13	04	40.4?	31.17	S	177.86	W	33	N	5.0		1.5	13	KERMADEC ISLANDS REGION
	02	14	16	44.7	36.639	N	121.222	W	5	G			1.1	10	CENTRAL CALIFORNIA. ML 2.8 (BRK).
a	02	14	21	34.3	23.907	N	123.362	E	39		5.2	5.2	0.9	121	SOUTHWESTERN RYUKYU ISLANDS

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	02	14	37	49.3*	40.838	N	20.864	E	10	G		0.9	8	GREECE-ALBANIA BORDER REGION
	02	14	47	11.5	15.208	S	167.422	E	143		5.1	1.0	75	VANUATU ISLANDS
	02	15	16	17.9	40.996	N	47.861	E	33	N	4.6	1.3	31	EASTERN CAUCASUS. Felt in the Vartashen-Ismailly area.
a	02	17	51	54.9	9.117	N	93.489	E	80		5.7	1.1	337	NICOBAR ISLANDS REGION
	02	18	14	11.5?	59.38	N	6.72	E	10	G		1.0	5	SOUTHERN NORWAY. MD 1.8 (BER).
	02	18	48	05.7?	17.10	N	95.57	W	33	N		1.2	5	OAXACA, MEXICO
	02	18	56	03.4?	21.10	S	174.51	W	33	N	4.7	1.4	9	TONGA ISLANDS
	02	19	04	00.1	32.054	N	50.214	E	58		4.8	1.0	13B	IRAN. Felt at Izeh.
	02	19	29	55.6	48.066	N	145.944	E	451		5.2	0.7	213	SEA OF OKHOTSK
	02	22	04	58.6	43.540	N	0.565	W	22			1.1	28	PYRENEES. ML 3.7 (LDG).
	02	22	16	29.6*	40.622	N	41.881	E	10	G	4.2	1.6	11	TURKEY
	02	22	29	53.1*	45.654	S	76.816	W	10	G	5.2 4.2	1.1	21	OFF COAST OF SOUTHERN CHILE
	02	22	35	46.2*	44.534	N	10.166	E	10	G		1.4	6	NORTHERN ITALY
	02	22	48	40.2*	44.462	N	10.712	E	10	G		1.2	10	NORTHERN ITALY. ML 2.8 (LDG), 2.4 (KBA).
	02	23	14	52.6%	43.756	N	6.215	E	10	G		0.3	5	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
	02	23	41	32.5%	60.201	N	5.629	E	10	G		0.5	6	SOUTHERN NORWAY. MD 1.9 (BER).
	03	00	28	38.7%	39.497	N	28.303	E	10	G		1.3	8	TURKEY
	03	00	38	14.1*	51.070	N	15.738	E	10	G		0.4	6	POLAND. ML 3.0 (GRF).
a	03	00	54	44.9	5.665	S	151.760	E	67		5.7	0.9	228	NEW BRITAIN REGION
	03	02	17	47.4*	20.026	S	168.623	E	10	G	4.5	1.5	28	LOYALTY ISLANDS
	03	02	29	22.2*	5.587	S	35.189	E	10	G		1.5	5	TANZANIA. MG 3.9 (LSZ).
	03	02	31	23.5	44.338	N	6.284	E	7			0.8	17	FRANCE. ML 2.9 (LDG).
	03	02	35	10.3	38.542	N	104.053	E	33	N	4.8	0.6	28	NORTHERN CHINA
	03	03	33	44.6	36.604	N	121.237	W	5	G		1.0	14	CENTRAL CALIFORNIA. ML 2.9 (BRK).
	03	05	13	03.1*	35.680	N	140.253	E	77		4.2	0.6	9	NEAR EAST COAST OF HONSHU, JAPAN
	03	06	16	28.4	38.335	N	25.120	E	8		4.5	1.2	102	AEGEAN SEA. ML 4.8 (ATH). Felt at Athens, Greece.
	03	06	49	29.9	6.551	S	148.375	E	64		5.1	1.0	62	NEW BRITAIN REGION
	03	06	53	17.3*	12.577	N	88.000	W	33	N	4.5 3.7	1.1	20	OFF COAST OF CENTRAL AMERICA
	03	07	58	57.8?	30.64	S	178.01	W	33	N	4.8	1.3	12	KERMADEC ISLANDS
	03	08	46	05.7	38.387	N	25.118	E	8			1.2	19	AEGEAN SEA. ML 3.6 (ATH).
	03	08	50	09.9	16.917	N	96.041	W	10	G	3.9	0.6	7	OAXACA, MEXICO
	03	09	18	37.9	38.438	N	25.042	E	10	G		1.4	14	AEGEAN SEA. ML 3.6 (ATH).
	03	09	41	44.2	19.970	S	178.734	E	540	G	4.7	0.7	41	SOUTH OF FIJI ISLANDS
	03	10	11	45.3	35.797	N	135.200	E	27		4.4	1.4	25	SOUTHERN HONSHU, JAPAN. Felt (III JMA) at Tayaoka and Maizuru; (I JMA) at Fukui, Hikone and Osaka. Felt also at Tottori, Kyoto and Kanazawa.
	03	10	13	52.2	40.240	N	32.398	E	9		3.8	0.4	10	TURKEY
	03	10	56	07.8	38.330	N	25.169	E	10	G		1.1	12	AEGEAN SEA. ML 3.6 (ATH).
	03	10	57	45.8	38.478	N	25.110	E	12		3.6	1.1	32	AEGEAN SEA. ML 4.1 (ATH).
	03	11	33	14.4	6.729	S	147.445	E	82		4.6	1.0	27	EAST PAPUA NEW GUINEA REGION
	03	11	35	17.0%	39.420	N	28.357	E	10	G		1.5	9	TURKEY
	03	11	49	13.4%	45.451	N	25.396	E	10	G		0.7	5	ROMANIA
	03	11	58	00.5*	17.167	S	167.498	E	10	G	4.8	1.1	16	VANUATU ISLANDS
	03	12	15	02.6	36.454	N	70.930	E	197	D	4.8	1.0	55	HINDU KUSH REGION
	03	13	45	12.7*	1.992	N	99.084	E	144	*	4.6	1.1	16	NORTHERN SUMATERA
	03	14	08	36.2*	38.601	N	20.191	E	10	G		0.9	8	GREECE
	03	14	14	49.2&	33.790	N	116.340	W	11				19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt in the Palm Desert-Palm Springs area.
	03	14	30	10.3%	61.067	N	4.945	E	10	G		1.5	6	SOUTHERN NORWAY. MD 2.8 (BER).
	03	14	34	06.8*	19.024	N	108.929	W	10	G	4.4	0.5	18	REVILLA GIGEDO ISLANDS REGION
o	03	14	40	09.7	10.378	N	125.964	E	67		5.7	1.1	196	LEYTE, PHILIPPINE ISLANDS. Felt (II RF) at Cagayan de Oro, Mindanao. Felt (I RF) at Pala.
	03	14	47	25.3	62.309	N	123.864	W	10	G	4.5	0.9	13	NORTHWEST TERRITORIES, CANADA
	03	15	12	39.9?	41.82	N	24.22	E	10	G		0.8	6	GREECE-BULGARIA BORDER REGION
	03	17	16	12.6?	10.92	S	32.40	E	10	G		0.2	4	ZAMBIA. MG 2.8 (LSZ).
	03	17	56	50.6*	9.349	N	58.048	E	10	G	4.9 3.9	1.1	35	CARLSBERG RIDGE
	03	18	35	46.5*	38.294	N	25.081	E	10	G		1.4	12	AEGEAN SEA. ML 3.7 (ATH).
a	03	19	34	40.3	20.732	S	177.935	W	502		5.5	1.0	113	FIJI ISLANDS REGION
	03	19	35	54.5	39.491	N	28.399	E	19		4.3	0.8	23	TURKEY
	03	20	55	05.0	17.742	N	105.717	W	10	G	5.0	1.0	39	OFF COAST OF JALISCO, MEXICO
	03	21	02	26.2?	33.43	S	72.03	W	10	G		0.8	7	OFF COAST OF CENTRAL CHILE
	03	21	09	00.7?	37.02	N	27.42	E	10	G		1.0	11	TURKEY
	03	21	35	41.3	40.132	N	24.924	E	16			0.3	9	AEGEAN SEA
	03	22	45	59.7	10.364	N	103.520	W	10	G	4.7 4.7	0.8	22	OFF COAST OF MEXICO
	03	23	05	22.7	51.344	N	174.644	W	33	N	5.2	1.1	145	ANDREANOF ISLANDS, ALEUTIAN IS.
	03	23	05	28.8	51.410	N	174.684	W	33	N	5.4 5.1	0.8	103	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.8 (PMR), Ms 5.1 (BRK). Felt (II) on Adak.
	03	23	13	07.8&	32.200	N	115.060	W	6	G			4	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	03	23	23	15.1*	34.224	N	26.339	E	33	N	4.3	1.5	10	CRETE
a	03	23	30	55.2	10.227	N	103.629	W	10	G	5.0 5.4	0.9	66	OFF COAST OF MEXICO. Ms 5.4 (BRK).
	03	23	41	48.9*	51.945	N	174.577	W	33	N	4.3 5.0	0.6	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	04	01	10	59.6	22.454	S	179.672	W	595	*	5.0	0.9	31	SOUTH OF FIJI ISLANDS
	04	01	56	59.7	36.594	N	121.229	W	10	G		0.5	13	CENTRAL CALIFORNIA. ML 2.6 (BRK).
	04	03	46	37.9*	37.233	S	16.938	W	10	G	4.8 4.2	1.1	13	SOUTH ATLANTIC RIDGE
	04	04	38	10.6?	25.21	N	100.72	W	33	N		1.7	4	NORTHERN MEXICO. mbLg 3.5 (NEIS).
	04	05	08	44.1?	32.02	S	67.55	W	33	N		1.2	6	MENDOZA PROVINCE, ARGENTINA
	04	05	12	57.8&	58.074	N	151.494	W	46		4.0		35	KODIAK ISLAND REGION. <AGS-P>.
	04	06	14	16.8%	46.034	N	0.655	W	13			1.2	11	FRANCE. ML 3.0 (LDG).
	04	06	47	01.4*	41.412	N	78.977	E	33	N	4.1	0.9	10	KIRGHIZ-XINJIANG BORDER REGION
	04	07	48	49.9*	38.350	N	25.146	E	10	G		1.2	9	AEGEAN SEA. ML 3.5 (ATH).
	04	08	06	03.3	38.375	N	25.105	E	7		4.4	1.2	73	AEGEAN SEA. ML 4.6 (ATH).
	04	08	20	39.1	38.438	N	25.052	E	10	G		0.8	13	AEGEAN SEA. ML 3.9 (ATH).
	04	12	16	04.7%	39.148	N	29.523	E	10	G		0.8	9	TURKEY
	04	12	43	16.6*	23.982	N	121.857	E	33	N	4.4	1.4	13	TAIWAN
	04	12	48	59.1	9.080	N	93.531	E	122	?	4.2	1.3	14	NICOBAR ISLANDS REGION
	04	13	48	49.0%	38.918	N	27.475	E	10	G		0.5	6	TURKEY
	04	13	57	42.9	42.330	N	19.886	E	10	G		0.8	7	YUGOSLAVIA. MD 2.6 (TTG).
	04	14	08	08.9	44.298	N	6.386	E	10	G		0.3	7	FRANCE. ML 3.0 (LDG).
	04	15	07	38.4	37.326	N	117.187	W	5	G		0.8	25	CALIFORNIA-NEVADA BORDER REGION. ML 3.5 (BRK), 3.3 (PAS).
a	04	15	48	20.8	65.636	N	152.604	W	10	G	5.2 4.7	0.9	134	ALASKA. ML 5.7 (PMR). Felt (V) at Tanana, (IV) at Hughes, Huslia, Indian Mountain, Livengood, Manley Hot Springs, Rampart, Utopia Creek and Galena Air Force

														Station. Felt (III) at Bettles, Fairbanks, Lake Minchumina, Minta, Ruby and Shungnak.
	04	16	14	57.4	23.668	N	121.965	E	26		4.7		1.1	24	TAIWAN
a	04	16	20	59.5	23.951	N	121.739	E	20		5.1	5.3	1.3	94	TAIWAN. Felt strongly at Hua-lien.
	04	16	45	56.6?	12.46	S	167.37	E	265	?	4.7		1.0	31	SANTA CRUZ ISLANDS
	04	17	34	02.3&	62.133	N	148.596	W	46					28	CENTRAL ALASKA. <AGS-P>.
	04	19	25	43.1	51.447	N	174.649	W	33	N	4.9		0.8	68	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR). Felt (II) on Adak.
	04	20	26	08.8*	31.799	N	141.480	E	58	?	4.6		1.1	11	SOUTH OF HONSHU, JAPAN
	04	20	49	49.2&	59.264	N	151.970	W	66					23	KENAI PENINSULA, ALASKA. <AGS-P>.
	04	21	15	18.7&	62.354	N	151.184	W	84					31	CENTRAL ALASKA. <AGS-P>.
	05	00	15	56.2&	36.657	N	121.348	W	5	G				15	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK).
a	05	00	17	48.6	20.208	S	178.869	E	536		5.2		1.0	92	SOUTH OF FIJI ISLANDS
	05	00	51	08.9*	17.988	N	101.923	W	63	*	4.4		1.2	25	NEAR COAST OF GUERRERO, MEXICO
	05	00	54	52.0?	37.06	N	19.93	E	10	G			0.8	7	IONIAN SEA. ML 3.8 (ATH).
	05	01	32	48.8	31.891	S	68.356	W	23				0.9	18	SAN JUAN PROVINCE, ARGENTINA
	05	02	22	55.5*	44.947	N	6.463	E	10	G			1.4	6	FRANCE. ML 2.3 (LDG).
	05	03	04	46.1%	45.749	N	26.685	E	140	G			0.7	8	ROMANIA
	05	03	42	52.6	23.193	S	68.979	W	103	*	4.8		1.4	32	NORTHERN CHILE
	05	03	43	44.2*	28.350	N	140.636	E	33	N	4.8		1.3	9	BONIN ISLANDS REGION
	05	05	09	42.3%	47.571	N	0.438	E	10	G			0.7	8	FRANCE. ML 2.3 (LDG).
	05	05	15	16.8?	17.81	N	105.50	W	10	G	4.6		1.1	17	OFF COAST OF JALISCO, MEXICO
	05	05	55	23.7*	5.163	S	131.472	E	33	N	4.7		1.4	13	BANDA SEA
	05	07	41	21.0&	41.266	N	111.679	W	12					4	UTAH. <SLC-P>. ML 2.8 (SLC).
	05	08	05	41.8&	41.267	N	111.686	W	7					13	UTAH. <SLC-P>. ML 3.6 (SLC). Felt.
a	05	09	01	15.4	36.351	S	97.382	W	10	G	5.1	5.3	1.2	43	WEST CHILE RISE. Ms 5.3 (BRK).
	05	09	10	33.4	36.239	S	97.258	W	10	G	4.6		0.8	25	WEST CHILE RISE
	05	09	57	09.1?	44.22	N	7.93	E	10	G			0.3	6	NORTHERN ITALY. ML 2.8 (LDG).
	05	10	08	03.9	10.151	S	116.583	E	47	*	4.9		1.3	35	SOUTH OF SUMBAWA ISLAND
	05	10	28	39.8*	10.243	S	116.796	E	33	N	4.5		1.5	12	SOUTH OF SUMBAWA ISLAND
	05	11	25	56.3?	51.63	N	16.28	E	12				0.2	7	POLAND. ML 3.4 (VKA), 3.4 (KBA).
	05	12	13	22.0&	46.340	N	75.090	W	8					4	SOUTHERN QUEBEC. <OTT-P>. mbLg 3.3 (OTT).
	05	12	31	03.2	41.884	N	20.329	E	10	G			0.9	21	ALBANIA. MD 3.3 (TTG).
	05	12	56	40.2*	38.392	N	25.088	E	10	G			1.4	8	AEGEAN SEA. ML 3.5 (ATH).
	05	13	22	56.9*	59.529	N	6.313	E	10	G			1.5	5	SOUTHERN NORWAY. MD 2.0 (BER).
	05	14	22	04.7?	51.09	N	174.34	W	33	N	4.5		1.4	8	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR). Felt on Adak.
	05	14	45	09.6	39.601	N	23.528	E	10	G			1.3	12	AEGEAN SEA. ML 3.1 (ATH).
	05	15	04	00.0&	37.098	N	116.016	W	0		5.3	4.2		160	SOUTHERN NEVADA. <DOE>. ML 5.3 (BRK). 37° 05' 53.84" N., 116° 00' 55.84" W., Surface Elev. 1314 m., Depth of Burial 500 m., Shot Time 150400.064, "TAJO", Nevada Test Site (Dept. of Energy).
	05	15	24	11.2	37.137	N	115.998	W	1	G	4.2		1.3	14	SOUTHERN NEVADA. Collapse.
	05	15	24	55.4*	51.604	N	174.233	W	33	N	4.7		0.7	30	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR). Felt on Adak.
	05	15	35	13.3	34.418	S	70.902	W	92		5.1		1.1	86	CHILE-ARGENTINA BORDER REGION. Felt (IV) at Santiago, Chile.
	05	15	39	19.1&	61.775	N	151.970	W	108					21	SOUTHERN ALASKA. <AGS-P>.
	05	15	44	30.7*	58.919	S	26.057	W	33	N	4.7		0.8	11	SOUTH SANDWICH ISLANDS REGION
	05	17	32	40.8*	51.345	N	175.349	W	33	N	5.1		0.9	24	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR). Felt on Adak.
	05	18	30	58.2	18.075	N	66.860	W	19		4.1		1.1	12	PUERTO RICO REGION. Felt strongly in the Ponce area. Felt as far north as Caguas and as far west as Mayaguez.
	05	19	16	16.1&	59.980	N	152.302	W	60					27	SOUTHERN ALASKA. <AGS-P>.
	05	20	17	49.5*	14.562	N	146.849	E	33	N	5.0	4.9	0.8	16	MARIANA ISLANDS
a	05	20	27	03.1	51.503	N	174.255	W	33	N	5.4	4.8	1.0	136	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR), Ms 4.8 (BRK). Felt on Adak.
	05	20	27	42.8*	38.001	N	27.224	E	10	G			0.9	7	TURKEY
	05	21	20	17.7?	33.03	S	72.41	W	33	N			0.7	9	OFF COAST OF CENTRAL CHILE
	05	22	07	58.0	37.233	N	3.682	W	7	G			0.4	8	SPAIN. MG 3.0 (MDD). Felt (III) at Armilla.
	05	23	00	48.9?	61.22	N	7.70	E	10	G			0.8	5	SOUTHERN NORWAY. MD 1.8 (BER).
	05	23	03	00.6	31.805	S	68.200	W	100	*			1.0	21	SAN JUAN PROVINCE, ARGENTINA
	05	23	13	09.7&	58.772	N	152.521	W	60					30	KODIAK ISLAND REGION. <AGS-P>.
	06	00	41	02.1	38.387	N	25.107	E	10	G			1.0	18	AEGEAN SEA. ML 3.6 (ATH).
	06	00	47	46.9	21.623	N	121.006	E	38		5.0		1.1	45	TAIWAN REGION
	06	03	46	46.4	59.736	N	153.398	W	146		4.3		0.8	51	SOUTHERN ALASKA
a	06	04	00	59.8*	56.814	S	140.957	W	10	G	5.4	5.0	1.0	18	SOUTH PACIFIC CORDILLERA
	06	04	12	32.1	43.785	N	147.726	E	49	*	5.3	4.9	1.1	121	KURIL ISLANDS. Felt (II) on Shikotan. Felt (I JMA) at Nemuro, Hokkaido.
	06	04	50	57.6	23.480	S	66.786	W	228		4.2		1.4	17	JUJUY PROVINCE, ARGENTINA
	06	06	06	42.6*	33.624	S	71.778	W	10	G			1.1	10	NEAR COAST OF CENTRAL CHILE
	06	07	11	01.9	63.252	N	149.250	W	87	?			1.1	9	CENTRAL ALASKA
	06	08	27	31.7*	44.165	N	10.251	E	10	G			1.4	12	NORTHERN ITALY. ML 3.5 (KBA), 3.2 (LDG).
	06	09	30	56.2&	59.864	N	135.376	W	0					8	SOUTHEASTERN ALASKA. <AGS-P>.
	06	09	32	04.1%	46.374	N	22.155	E	10	G			1.0	6	ROMANIA
a	06	10	39	46.9	38.001	N	37.917	E	10	G	5.6	5.6	1.1	272	TURKEY. Ms 5.8 (PAS). One person killed, 20 injured and damage in the Surgu area. Additional cracks in the Surgu Dam. A landslide blocked the road between Erkenek and Adiyaman. Felt at Malatya, Diyarbakir, Adiyaman and Urfa.
	06	10	40	49.2*	23.686	N	121.433	E	33	N	4.5		1.2	9	TAIWAN
	06	10	50	31.5?	37.67	N	37.98	E	10	G	4.6		1.4	11	TURKEY
	06	11	29	45.8	38.033	N	37.919	E	10	G	4.5		1.0	37	TURKEY
	06	12	07	54.6	38.017	N	37.876	E	10	G	4.6		1.1	14	TURKEY
	06	13	25	44.6*	38.094	N	38.040	E	10	G			1.4	8	TURKEY
	06	13	25	54.6	4.586	S	152.887	E	71		5.1		1.0	36	NEW BRITAIN REGION
	06	13	48	46.9?	48.22	N	154.88	E	33	N	4.7		1.3	20	KURIL ISLANDS
	06	14	32	31.1*	37.989	N	37.951	E	10	G			1.0	6	TURKEY
	06	14	47	33.7	50.275	N	129.646	W	10	G	4.5		0.8	35	VANCOUVER ISLAND REGION
	06	15	34	52.7	38.700	N	23.018	E	47		4.0		0.8	32	GREECE
	06	16	27	37.6&	61.852	N	150.815	W	64					29	SOUTHERN ALASKA. <AGS-P>.
	06	17	08	49.7*	13.615	S	167.218	E	215	*	4.3		1.0	38	VANUATU ISLANDS

	06	17	12	13.1?	33.12	S	69.96	W	10	G			0.6	5	CHILE-ARGENTINA BORDER REGION
	06	18	15	05.9	38.042	N	37.897	E	10	G	4.2		0.8	22	TURKEY
	06	20	47	13.1?	51.75	N	174.72	W	33	N	4.4		0.8	4	ANDREANOF ISLANDS, ALEUTIAN IS.
	06	20	48	42.9	17.420	N	120.942	E	10	G	4.4	3.8	0.9	12	LUZON, PHILIPPINE ISLANDS
a	06	21	43	59.8	25.832	N	124.485	E	169		5.1		0.9	154	NORTHEAST OF TAIWAN
	06	22	23	16.5?	4.44	S	136.30	E	33	N	4.0		1.5	5	WEST IRIAN REGION
	06	22	55	07.8%	42.469	N	18.592	E	10	G			0.6	7	YUGOSLAVIA. ML 2.2 (TTG).
	07	00	11	34.8?	4.97	S	147.39	E	108	?	4.1		0.1	5	BISMARCK SEA
	07	01	46	39.7	39.939	N	54.177	E	37	D	5.3	4.5	0.9	207	TURKMEN SSR. Felt (V) at Nebit-Dag and (III) at Krasnovadsk.
	07	02	28	16.2*	10.911	S	162.714	E	33	N	4.5		0.6	6	SOLOMON ISLANDS
	07	02	57	39.7*	51.272	N	15.815	E	10	G			1.4	9	POLAND. ML 3.3 (GRF), 2.6 (KRA).
	07	03	08	39.4*	8.100	S	105.702	E	33	N	4.5		1.3	11	SOUTH OF JAVA
	07	04	03	32.2*	22.759	S	68.757	W	160	*	3.9		1.0	12	NORTHERN CHILE
a	07	04	18	20.0	22.348	S	170.338	E	23		5.3	4.8	1.1	111	LOYALTY ISLANDS REGION
	07	09	10	55.7*	27.453	S	66.346	W	33	N			1.1	7	CATAMARCA PROVINCE, ARGENTINA
	07	09	18	03.7?	39.24	N	29.27	E	10	G			1.2	4	TURKEY
	07	09	42	48.6*	19.892	S	168.813	E	33	N			0.4	5	VANUATU ISLANDS
	07	09	50	01.5	35.430	N	120.680	W	5	G			0.6	7	CENTRAL CALIFORNIA. ML 2.8 (BRK).
	07	09	52	47.1*	28.453	N	140.540	E	33	N	4.7		1.5	22	BONIN ISLANDS REGION
	07	10	04	54.6	23.360	S	176.064	W	33	N	5.3	4.9	1.2	47	SOUTH OF FIJI ISLANDS
	07	12	26	13.6	20.492	S	177.661	W	411		5.0		1.0	68	FIJI ISLANDS REGION
	07	12	26	25.3	5.391	S	76.932	W	126	D	5.0		0.9	82	NORTHERN PERU
	07	12	27	20.9%	38.593	N	4.111	W	0	G			0.7	5	SPAIN. Probable explasion.
	07	12	39	01.8	5.232	S	151.913	E	68		4.8		1.1	37	NEW BRITAIN REGION
	07	15	56	58.5	22.876	N	121.377	E	49	*	4.2		1.2	20	TAIWAN REGION
	07	15	58	59.8	51.550	N	174.873	W	33	N	4.8	4.6	0.9	73	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	07	16	37	46.9	6.845	N	72.990	W	166		4.8		1.1	32	NORTHERN COLOMBIA. Felt at Bucaramanga.
	07	18	54	20.7&	58.012	N	151.565	W	91					24	KODIAK ISLAND REGION. <AGS-P>.
	07	19	15	56.6*	14.873	S	176.082	W	33	N	4.9	5.0	0.8	49	FIJI ISLANDS REGION
	07	20	03	24.1	41.215	N	19.506	E	15		4.2		1.0	36	ALBANIA. ML 4.4 (ATH).
	07	20	06	26.3	41.109	N	19.478	E	11		4.6		1.2	35	ALBANIA. ML 4.6 (ATH).
	07	20	08	29.4	3.930	S	131.488	E	33	N	4.3		1.3	22	WEST IRIAN REGION
	07	21	06	41.7	51.221	N	179.992	E	33	N	5.0	4.1	1.0	90	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	07	21	33	21.7	37.432	N	3.488	W	5	G			1.3	10	SPAIN. MG 3.3 (MDD). Felt (IV) at Iznalloz.
	07	21	45	44.9	41.123	N	19.702	E	16				0.6	16	ALBANIA. ML 3.0 (TTG).
	08	02	30	48.9*	17.085	N	145.760	E	166	*	4.9		1.0	25	MARIANA ISLANDS
	08	02	51	24.8	41.122	N	19.626	E	18		3.9		1.2	22	ALBANIA
a	08	04	25	04.5	36.483	N	142.793	E	20		5.0	5.3	1.1	117	OFF EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Onahama.
	08	04	40	48.9	44.502	N	10.685	E	15				1.1	25	NORTHERN ITALY. ML 3.2 (LDG).
a	08	04	55	01.5	36.069	N	21.555	E	27		5.2	4.9	1.2	191	SOUTHERN GREECE. ML 4.7 (ATH).
	08	05	17	59.6	51.681	N	174.812	W	33	N	4.8		1.0	66	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	08	52	55.3?	24.50	N	100.01	W	10	G	3.7		1.5	8	CENTRAL MEXICO
	08	10	52	14.7*	23.494	S	66.774	W	232	*			0.8	7	JUJUY PROVINCE, ARGENTINA
f	08	11	02	25.8	43.269	N	146.491	E	56	G	6.0		0.9	346	KURIL ISLANDS. mb 5.5 (PAS), 5.4 (BRK). Felt (V) on Shikotan and at Yuzhno-Kurilsk; (IV) at Kurilsk. Felt (III JMA) at Nemuro and Kushiro; (II JMA) at Abashiri and Obihiro; (I JMA) at Urakawa, Hokkaido. Felt (II JMA) at Hachinohe and Miyako; (I JMA) at Moriaka, Ofunato and Fukushima, Honshu. Felt also at Sendai, Honshu. Depth from broadband displacement seismagrams.
	08	11	15	46.5*	38.920	N	26.761	E	10	G			0.9	8	AEGEAN SEA
	08	11	18	03.6*	36.489	N	142.700	E	23		4.4		0.8	14	OFF EAST COAST OF HONSHU, JAPAN
	08	11	35	51.3&	60.964	N	152.488	W	122					32	SOUTHERN ALASKA. <AGS-P>.
	08	12	45	13.7&	62.191	N	150.199	W	15					28	CENTRAL ALASKA. <AGS-P>. ML 3.2 (PMR).
	08	14	51	15.0	39.430	N	28.431	E	10	G			1.1	14	TURKEY
	08	15	35	08.2	39.422	N	28.365	E	10	G			0.9	12	TURKEY
	08	15	42	22.9*	20.661	S	69.411	W	33	N			1.3	6	NORTHERN CHILE
	08	16	10	03.4*	26.247	S	26.930	E	5	G			1.2	6	REPUBLIC OF SOUTH AFRICA
	08	16	43	07.7	51.074	N	177.491	W	33	N	4.7		0.8	53	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	17	02	47.1&	59.454	N	153.662	W	114					24	SOUTHERN ALASKA. <AGS-P>.
	08	18	54	27.6*	22.783	S	68.642	W	113	*	4.4		1.6	21	NORTHERN CHILE
	08	19	42	17.1	16.160	N	61.865	W	157		4.7		0.8	72	LEEWARD ISLANDS. Felt (II) at Pointe-a-Pitre, Guadeloupe.
	08	20	25	41.0	18.604	S	69.693	W	141	*	4.7		1.1	14	NORTHERN CHILE
	08	21	10	03.5?	24.10	S	66.85	W	215	*			1.1	9	SALTA PROVINCE, ARGENTINA
	08	21	33	41.2	30.539	N	141.936	E	33	N	5.1	4.8	1.1	96	SOUTH OF HONSHU, JAPAN
	08	22	54	00.8*	7.196	N	127.051	E	69	?	4.8		1.3	28	PHILIPPINE ISLANDS REGION
	08	23	39	55.5%	39.435	N	28.361	E	10	G			0.6	8	TURKEY
	09	00	11	56.6*	28.909	S	67.022	W	181	?			0.8	11	LA RIOJA PROVINCE, ARGENTINA
	09	00	47	02.5*	32.011	S	71.508	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE
	09	00	48	18.9	20.208	S	178.879	E	548		4.9		1.1	54	SOUTH OF FIJI ISLANDS
	09	01	59	37.5?	37.98	N	36.88	E	10	G			0.5	5	TURKEY
a	09	02	17	38.2	54.142	N	168.132	W	33	N	5.0	4.7	1.2	88	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.6 (PMR).
	09	03	30	41.6	37.996	N	37.881	E	10	G	4.3		1.0	24	TURKEY
	09	04	01	58.3*	6.439	S	146.749	E	33	N	3.6		0.5	5	EAST PAPUA NEW GUINEA REGION
	09	04	48	06.7&	37.925	N	121.652	W	5	G				10	CENTRAL CALIFORNIA. <BRK>. ML 2.1 (BRK). Felt in the Brentwood area.
	09	05	49	28.5	39.013	N	48.670	E	33	N	4.4		1.3	15	N.W. IRAN-USSR BORDER REGION. Damage to old buildings in the epicentrol area. Felt (V) at Lenkoran and Lerik; (IV) at Astara, Masally and Yardymly, USSR.
	09	06	16	38.5	35.889	N	139.822	E	10	G			1.3	7	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) at Mito.
	09	06	46	14.3*	24.229	S	67.279	W	192	*			0.6	7	CHILE-ARGENTINA BORDER REGION
	09	06	53	37.3*	15.054	S	167.293	E	132	*	4.6		1.0	30	VANUATU ISLANDS
	09	07	39	20.1?	6.42	S	155.76	E	106	?	4.0		1.0	8	SOLOMON ISLANDS
	09	12	26	35.7%	60.720	N	5.576	E	10	G			0.3	5	SOUTHERN NORWAY. MD 1.8 (BER).
	09	13	24	06.9*	39.028	N	29.216	E	10	G			1.1	9	TURKEY
	09	13	34	11.4?	59.38	N	6.75	E	10	G			0.9	5	SOUTHERN NORWAY. MD 2.1 (BER).
	09	13	56	42.0?	7.77	S	128.28	E	168	?			1.2	6	BANDA SEA
	09	13	56	57.6&	60.035	N	153.528	W	147					29	SOUTHERN ALASKA. <AGS-P>.
	09	15	01	55.4?	39.91	N	23.88	E	10	G			0.5	6	AEGEAN SEA
	09	17	02	24.2	30.321	N	141.577	E	33	N	4.8		1.1	27	SOUTH OF HONSHU, JAPAN

	09	17	50	21.9?	40.26	N	25.08	E	10	G		1.9	4	AEGEAN SEA
	09	17	51	38.4*	20.371	S	177.621	W	478	*	4.6	1.1	31	FIJI ISLANDS REGION
	09	17	58	39.9	46.074	N	8.002	E	10	G		1.3	17	SWITZERLAND. ML 2.8 (LDG).
	09	19	10	07.6	41.043	N	23.400	E	10	G		1.0	11	GREECE-BULGARIA BORDER REGION
	09	19	18	07.0?	30.44	S	71.58	W	33	N		1.0	13	NEAR COAST OF CENTRAL CHILE
	09	19	27	31.6	40.935	N	23.567	E	10	G		1.3	13	GREECE
	09	20	21	16.8*	8.734	S	157.673	E	33	N	4.3	0.8	7	SOLOMON ISLANDS
	09	21	42	22.1?	18.57	N	95.46	W	33	N		0.5	6	VERA CRUZ, MEXICO
	09	21	49	07.3	47.062	N	9.276	E	10	G		0.9	7	GERMANY
	09	21	58	40.5*	2.375	S	139.029	E	33	N	5.2	0.6	12	NEAR N. COAST OF WEST IRIAN
	09	23	04	58.2	38.712	N	2.374	W	10	G		0.9	11	SPAIN. MG 3.3 (MDD). Felt (V) at Alcaraz, Vianos and Bogarra; (IV) at El Ballestero, Penas de San Pedro, Tarres de Albanchez, Albaladeja, Malinicas and Penascosa.
	10	00	46	24.0*	43.427	N	17.682	E	10	G		1.3	11	YUGOSLAVIA. ML 3.0 (TTG).
	10	00	51	10.7*	20.406	S	67.143	W	10	G		1.2	6	SOUTHERN BOLIVIA
	10	00	54	15.5*	45.943	N	5.147	E	10	G		1.4	13	FRANCE. ML 2.6 (LDG).
	10	01	32	58.4&	36.637	N	121.302	W	9				20	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK).
	10	05	02	53.7	46.374	N	12.569	E	10			1.1	11	NORTHERN ITALY. ML 2.9 (TRI), 2.7 (KBA). Felt (III) at Trieste.
	10	05	33	09.0*	51.277	N	176.001	W	33	N	4.3	1.2	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	07	11	19.9*	40.504	N	22.362	E	10	G		0.2	8	GREECE
	10	07	48	01.7&	34.056	N	95.592	W	5	G			4	OKLAHOMA. <TUL>. mbLg 1.5 (TUL).
	10	07	57	39.9	38.051	N	37.976	E	10	G	4.7	1.1	49	TURKEY
	10	09	49	20.7*	61.955	N	124.678	W	10	G		0.9	5	NORTHWEST TERRITORIES, CANADA
	10	09	58	46.0&	61.005	N	147.230	W	16				30	SOUTHERN ALASKA. <AGS-P>.
	10	10	29	59.0	36.392	N	120.395	W	10	G		0.8	13	CENTRAL CALIFORNIA. ML 2.7 (BRK).
	10	12	08	42.9&	60.636	N	150.406	W	42				40	KENAI PENINSULA, ALASKA. <AGS-P>. ML 3.4 (PMR).
	10	13	42	29.1&	31.960	N	117.390	W	6	G			8	OFF W. COAST OF BAJA CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	10	13	56	44.0&	49.350	N	120.790	W	18	G			13	BRITISH COLUMBIA. <PGC-P>. ML 3.0 (PGC), 3.3 (NEIS).
	10	15	08	21.4	6.832	S	72.108	E	10	G	5.0 4.6	1.1	53	CHAGOS ARCHIPELAGO REGION. Felt (III) an Diega Garcia.
	10	15	15	41.9*	51.312	N	175.976	W	33	N	4.5	1.4	29	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
	10	15	43	28.0?	46.52	N	2.93	E	10	G		0.1	4	FRANCE
	10	16	04	45.2*	32.643	S	69.044	W	33	N		0.2	5	MENDOZA PROVINCE, ARGENTINA
	10	16	25	35.0*	32.075	S	71.160	W	33	N		0.2	8	NEAR COAST OF CENTRAL CHILE
	10	16	38	04.9?	18.05	S	178.45	W	600	?	4.5	1.4	19	FIJI ISLANDS REGION
	10	17	57	23.6*	51.357	N	175.776	W	33	N	4.6	1.3	14	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	10	23	07	20.7	42.324	N	19.958	E	10	G		0.6	9	YUGOSLAVIA. MD 2.7 (TTG).
	10	23	12	48.5%	38.815	N	27.612	E	10	G		1.1	6	TURKEY
	11	01	50	37.0%	31.917	S	68.077	W	10	G		1.4	5	SAN JUAN PROVINCE, ARGENTINA
	11	01	59	08.1*	32.564	S	71.878	W	33	N	4.4	1.2	16	NEAR COAST OF CENTRAL CHILE
a	11	02	59	01.4	2.100	S	139.279	E	33	N	5.5 5.8	1.4	130	NEAR N. COAST OF WEST IRIAN
	11	03	12	12.6	2.062	S	139.128	E	33	N	5.2	1.0	33	NEAR N. COAST OF WEST IRIAN
	11	04	02	56.1	1.974	S	139.264	E	33	N	4.8	1.0	24	NEAR N. COAST OF WEST IRIAN
	11	04	22	00.2*	1.992	S	138.883	E	33	N	4.5	0.8	7	NEAR N. COAST OF WEST IRIAN
	11	05	16	46.7*	24.258	N	121.894	E	80	*	4.2	0.7	10	TAIWAN
	11	05	44	50.4*	14.053	N	91.539	W	107			1.1	18	GUATEMALA
	11	06	12	42.3&	47.776	N	120.168	W	5	G			5	WASHINGTON. <SEA-P>. CL 2.7 (SEA), ML 2.4 (NEIS). Felt (III) at Chelan, Chelan Falls and Entiat. Felt (II) at Ardenvoir.
a	11	06	18	18.0	15.449	S	179.227	W	18	*	5.6 5.7	1.3	131	FIJI ISLANDS REGION. Ms 5.9 (BRK).
	11	07	12	29.9	47.635	N	147.917	E	389	D	4.9	0.9	126	NORTHWEST OF KURIL ISLANDS
	11	07	44	19.2	36.792	N	121.267	W	10	G		0.5	13	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	11	07	51	33.2*	36.780	N	20.539	E	10	G	4.4	0.9	21	MEDITERRANEAN SEA. ML 3.8 (ATH).
	11	07	53	03.6&	60.544	N	145.090	W	12				32	SOUTHERN ALASKA. <AGS-P>.
	11	09	07	43.4*	3.571	S	145.961	E	33	N	4.7	1.1	8	NEAR N COAST OF PAPUA NEW GUINEA
	11	10	19	09.9&	62.219	N	149.962	W	65				25	CENTRAL ALASKA. <AGS-P>.
	11	12	41	05.9	40.302	N	51.673	E	33	N	5.0 3.6	0.9	95	CASPIAN SEA
	11	13	03	01.8&	36.945	N	121.635	W	8				12	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK). Felt at Gilroy.
f	11	13	48	01.3	10.597	N	62.928	W	19	G	6.0 6.2	1.2	345	NEAR COAST OF VENEZUELA. Ms 6.1 (PAS), 5.9 (BRK). Twa people killed, 45 injured and many left hameless in the Cariaca area. Damage (VII) at Carupano, El Pilar and Ria Caribe. Felt (V) at Cumana and Maturin; (III) at Caracas. Felt at Barcelana, Puerto La Cruz and Valencia. Felt strangly an Trinidad; also felt at Bogota and Bucaramanga, Calombia.
	11	15	08	59.6&	36.622	N	121.282	W	7				16	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK), 3.5 (PAS). Felt at Hollister and Salinas.
	11	15	17	05.6*	30.457	N	141.899	E	33	N	4.3	0.8	11	SOUTH OF HONSHU, JAPAN
	11	17	37	02.9*	28.130	S	66.456	W	155	*	4.4	0.4	11	CATAMARCA PROVINCE, ARGENTINA
	11	18	37	31.4*	27.645	S	67.453	W	180	?		0.9	6	CATAMARCA PROVINCE, ARGENTINA
	11	18	59	52.7?	7.82	S	117.65	E	281	?		0.5	8	BALI SEA
	11	19	37	32.0*	10.372	N	62.984	W	20	G	4.6	1.8	12	NEAR COAST OF VENEZUELA
o	11	20	15	42.1	40.245	N	51.665	E	47		5.1 4.7	0.9	185	CASPIAN SEA. Felt (III) at Baku, USSR.
	11	21	05	58.3	38.365	N	25.154	E	10	G	4.4	1.0	35	AEGEAN SEA. ML 4.0 (ATH).
	11	21	39	47.3	18.265	N	100.644	W	52	D	5.1	1.4	117	GUERRERO, MEXICO. Felt (III) at Mexico City. Felt alsa ot Puebla.
	11	22	42	33.3*	10.718	S	161.973	E	64	*	4.4	1.4	13	SOLOMON ISLANDS
	11	23	14	30.6	14.994	N	93.206	W	51	D	4.8	1.3	79	NEAR COAST OF CHIAPAS, MEXICO
	11	23	15	04.2?	20.72	S	178.34	W	627	?	4.9	0.8	23	FIJI ISLANDS REGION
	12	00	09	37.8?	52.53	N	176.22	W	33	N	4.4	0.2	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	01	09	49.6	36.466	N	11.356	E	10	G	4.7	1.1	22	TUNISIA
	12	01	42	45.3%	46.127	N	2.738	E	10	G		0.4	10	FRANCE. ML 2.2 (LDG).
	12	01	45	05.6?	19.16	N	104.99	W	33	N	4.2	1.4	7	NEAR COAST OF JALISCO, MEXICO
	12	02	00	19.7?	16.43	N	96.72	W	33	N	4.0	1.4	9	OAXACA, MEXICO
	12	02	02	26.9*	38.273	N	25.174	E	10	G		1.4	10	AEGEAN SEA. ML 3.6 (ATH).
	12	03	15	54.2	21.285	S	69.254	W	147	*		1.0	15	NORTHERN CHILE
	12	03	23	42.9	31.325	S	68.836	W	118		4.3	1.1	25	SAN JUAN PROVINCE, ARGENTINA
	12	03	59	40.6*	2.066	S	139.192	E	33	N	4.9	1.4	19	NEAR N. COAST OF WEST IRIAN
	12	04	17	25.0*	44.160	N	11.293	E	19	*		0.6	7	NORTHERN ITALY. MG 2.4 (VOY).
	12	04	17	56.7	2.020	S	139.310	E	33	N	4.9	1.2	28	NEAR N. COAST OF WEST IRIAN
	12	05	52	16.0	43.222	N	135.324	E	354	*	4.5	0.8	60	NEAR E. COAST OF EASTERN USSR

	12	06	41	46.8	39.042	N	28.665	E	6			0.7	13	TURKEY
	12	06	48	03.7%	39.023	N	28.707	E	10	G		1.4	10	TURKEY
	12	06	52	42.0	39.031	N	28.666	E	10	G		1.0	15	TURKEY
	12	07	01	35.8%	44.748	N	26.730	E	10	G		0.9	9	ROMANIA
	12	08	47	27.9*	29.832	S	71.457	W	33	N		0.9	9	NEAR COAST OF CENTRAL CHILE
a	12	09	26	49.8	14.437	N	121.843	E	33	N	5.0 5.3	1.2	40	LUZON, PHILIPPINE ISLANDS
	12	10	01	28.4?	22.21	S	66.68	W	295	?		1.0	14	JUJUY PROVINCE, ARGENTINA
	12	10	34	54.7	25.173	S	179.648	E	550	*	4.9	1.2	71	SOUTH OF FIJI ISLANDS
	12	10	47	39.8*	38.348	N	25.049	E	10	G		1.4	9	AEGEAN SEA. ML 3.3 (ATH).
	12	12	26	45.6%	38.572	N	4.133	W	0	G		0.2	5	SPAIN, Probable explosion.
	12	13	23	47.8*	10.363	N	62.947	W	20	*	4.5	1.5	13	NEAR COAST OF VENEZUELA
a	12	13	40	46.7	7.019	S	129.497	E	116	D	5.5	1.1	143	BANDA SEA
	12	14	18	51.4?	45.75	N	26.06	E	179	?		1.4	11	ROMANIA
	12	15	10	33.4*	8.454	S	123.619	E	131	?	5.2	1.4	19	FLORES ISLAND REGION
	12	15	14	34.0*	42.397	N	105.694	W	20	G		1.6	6	WYOMING. ML 3.0 (NEIS).
	12	15	24	06.1?	11.96	S	121.69	E	33	N	3.4	0.8	6	SOUTH OF TIMOR
	12	15	27	00.2?	38.76	N	25.42	E	10	G		1.5	6	AEGEAN SEA. ML 3.2 (ATH).
	12	15	46	42.0	44.358	N	10.634	E	10	G		0.7	9	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (KBA).
	12	17	06	40.5*	41.017	N	19.610	E	10	G		0.7	10	ALBANIA. ML 2.7 (TTG).
	12	17	44	51.0%	59.291	N	6.923	E	10	G		0.8	7	SOUTHERN NORWAY. MD 2.2 (BER).
	12	17	57	55.0&	62.379	N	151.781	W	108				15	CENTRAL ALASKA. <AGS-P>.
	12	18	16	20.7*	2.328	S	79.866	W	88	*	4.6	1.1	16	NEAR COAST OF ECUADOR. Felt at Guayaquil and Riobambo.
	12	18	39	35.8?	16.59	S	71.24	W	33	N		1.5	5	SOUTHERN PERU
	12	19	02	51.4%	59.286	N	5.670	E	10	G		0.6	5	SOUTHERN NORWAY. MD 1.7 (BER).
	12	19	52	05.6	4.932	N	94.077	E	33	N	4.8	1.2	24	OFF W COAST OF NORTHERN SUMATERA
	12	21	04	37.7*	29.138	N	130.245	E	54	*	4.8	1.3	28	RYUKYU ISLANDS
	12	22	09	15.3?	46.37	N	13.44	E	10	G		1.6	4	AUSTRIA
	12	22	17	46.8?	45.92	N	3.13	E	10	G		0.2	5	FRANCE. ML 1.9 (LDG).
	12	22	19	50.7	43.673	N	87.336	E	33	N	4.8	0.9	92	NORTHERN XINJIANG, CHINA
	13	00	07	14.8*	78.703	N	2.738	E	10	G	4.0	1.1	9	GREENLAND SEA
	13	00	08	55.9*	0.219	S	125.270	E	73	*	4.4	0.8	11	MOLUCCA SEA
	13	03	10	56.9?	21.16	S	68.92	W	33	N		0.6	5	CHILE-BOLIVIA BORDER REGION
	13	04	23	17.4*	33.440	S	72.040	W	33	N		1.2	17	OFF COAST OF CENTRAL CHILE. Felt (III) in the Valparaiso area.
	13	07	17	54.9*	29.604	S	67.812	W	136	?		1.0	8	LA RIOJA PROVINCE, ARGENTINA
	13	08	13	17.2?	16.72	N	98.20	W	33	N		1.5	5	NEAR COAST OF GUERRERO, MEXICO
	13	08	14	15.6	8.861	N	73.416	W	146	*		0.7	13	NORTHERN COLOMBIA
	13	08	28	48.0?	53.40	N	163.57	W	33	N	4.7	1.5	14	UNIMAK ISLAND REGION
	13	09	25	51.9	53.558	N	163.873	W	33	N	4.8	1.1	67	UNIMAK ISLAND REGION
	13	11	31	37.6*	13.814	N	92.413	W	33	N	4.5	0.9	19	OFF COAST OF CHIAPAS, MEXICO
	13	13	01	23.3	1.933	N	126.538	E	70	?	4.8	0.9	17	MOLUCCA PASSAGE
	13	13	04	56.7*	50.070	N	0.098	W	10	G		0.6	11	UNITED KINGDOM. ML 3.2 (LDG).
	13	13	25	15.4&	36.060	N	119.940	W	6	G			9	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.2 (BRK). Felt (II) at Orosi.
	13	13	25	36.4&	61.069	N	151.057	W	69				26	SOUTHERN ALASKA. <AGS-P>.
	13	13	48	21.9&	32.985	N	80.180	W	7				5	SOUTH CAROLINA. <GLD>. MD 1.1 (GLD).
	13	14	03	54.7?	54.15	N	164.35	W	33	N	4.7	1.0	14	UNIMAK ISLAND REGION
	13	15	08	24.0*	7.727	S	115.980	E	247	*	4.7	0.9	14	BALI SEA
	13	17	04	55.5?	12.09	S	77.73	W	33	N		1.4	8	NEAR COAST OF PERU. Felt (II) at Lima.
	13	17	31	00.3*	24.300	S	67.207	W	200	*		0.7	10	CHILE-ARGENTINA BORDER REGION
	13	18	05	32.1*	2.111	S	138.974	E	33	N	4.5	1.5	19	WEST IRIAN
	13	18	37	04.2*	43.628	N	127.380	W	10	G	4.4	1.3	20	OFF COAST OF OREGON
	13	20	08	05.7*	52.069	N	178.038	E	106	*	4.6	0.6	13	RAT ISLANDS, ALEUTIAN ISLANDS
	13	20	16	26.8	44.837	N	111.527	W	5	G		0.4	10	HEBGEN LAKE REGION. ML 3.1 (NEIS).
	13	20	53	19.1	40.475	N	23.489	E	10	G		1.4	9	GREECE
	13	22	09	39.3	28.227	N	140.631	E	33	N	5.0 4.6	1.2	27	BONIN ISLANDS REGION
	14	01	12	57.4	39.509	N	28.314	E	12			0.6	32	TURKEY
	14	01	15	10.1?	39.05	N	28.64	E	10	G		1.5	5	TURKEY
	14	03	26	52.2	56.388	N	161.916	W	190	D	4.4	1.1	42	ALASKA PENINSULA
a	14	03	50	25.6	57.873	S	23.384	W	33	N	5.9 5.0	1.2	133	SOUTH SANDWICH ISLANDS REGION
	14	04	36	04.6*	5.431	S	147.229	E	228		4.8	1.0	20	EAST PAPUA NEW GUINEA REGION
	14	06	46	38.3%	39.409	N	28.329	E	10	G		1.0	8	TURKEY
	14	06	55	01.2?	37.03	N	71.56	E	195	?	4.3	1.4	15	AFGHANISTAN-USSR BORDER REGION
	14	09	10	05.9	7.445	N	76.214	W	45	*	4.4 3.9	1.4	32	NORTHERN COLOMBIA
	14	09	49	11.8*	17.878	S	178.633	W	606	*	5.0	1.0	64	FIJI ISLANDS REGION
	14	09	53	29.2?	41.70	N	126.54	W	10	G	3.7 4.1	1.5	11	OFF COAST OF NORTHERN CALIFORNIA
	14	12	44	23.8*	39.361	N	27.925	E	10	G		0.4	5	TURKEY
	14	14	01	17.2*	24.219	S	66.732	W	225	*		0.9	9	SALTA PROVINCE, ARGENTINA
a	14	14	51	03.5	2.041	N	97.997	E	66		5.4	1.0	206	NORTHERN SUMATERA
	14	14	54	56.7&	60.626	N	150.527	W	54				30	KENAI PENINSULA, ALASKA. <AGS-P>.
	14	15	00	55.0?	57.81	S	25.45	W	33	N	4.9	0.8	11	SOUTH SANDWICH ISLANDS REGION
a	14	15	33	56.9	5.651	S	110.343	E	563		5.5	1.1	165	JAVA SEA
	14	15	54	59.6?	5.36	S	104.24	E	114	?	4.3	0.9	17	SOUTHERN SUMATERA
	14	17	15	46.0*	5.682	S	110.339	E	562	*	4.3	0.8	18	JAVA SEA
	14	17	50	25.0	36.081	N	22.030	E	48		4.6 3.7	1.2	145	SOUTHERN GREECE
	14	18	04	12.4*	44.089	N	10.355	E	10	G		1.4	7	NORTHERN ITALY. ML 2.6 (LDG).
	14	18	38	09.2	49.088	N	128.700	W	10	G	4.2	1.1	31	VANCOUVER ISLAND REGION
	14	18	55	47.1	44.106	N	7.515	E	10	G		0.7	8	NORTHERN ITALY. ML 2.6 (LDG).
	14	19	18	06.3*	36.177	N	22.229	E	64	*	4.0	1.5	27	SOUTHERN GREECE
	14	19	24	01.6*	14.522	S	167.272	E	33	N	4.5	1.5	9	VANUATU ISLANDS
	14	20	31	44.2	37.282	N	121.643	W	5	G		0.6	12	CENTRAL CALIFORNIA. ML 2.7 (BRK).
	14	22	12	38.7*	66.430	N	149.756	W	10	G		1.4	5	ALASKA. ML 3.2 (PMR).
a	14	23	29	23.3	19.096	S	169.776	E	16		5.3 5.6	1.4	161	VANUATU ISLANDS. Ms 5.9 (BRK).
	14	23	37	41.8	19.059	S	169.605	E	17	*	5.3	1.5	68	VANUATU ISLANDS
	14	23	53	23.8	36.169	N	139.822	E	33	N		1.1	8	HONSHU, JAPAN. Felt (II JMA) at Utsunomiya, Mito and Maebashi and (I JMA) at Kumagaya.
	15	01	05	45.8*	33.221	S	71.311	W	33	N		1.0	14	NEAR COAST OF CENTRAL CHILE
	15	02	02	19.2*	62.534	N	124.167	W	10	G		1.1	7	NORTHWEST TERRITORIES, CANADA
	15	02	22	52.9*	51.396	N	174.760	W	33	N	4.3	1.1	20	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR). Felt (III) on Adak.
a	15	03	10	57.1	29.872	S	176.543	W	10	G	5.3 6.0	1.5	86	KERMADEC ISLANDS REGION. Ms 6.2 (BRK), 5.8 (PAS).
	15	03	52	57.5	45.139	N	7.627	E	10	G		1.1	23	NORTHERN ITALY. ML 3.0 (LDG).
	15	05	00	14.7	0.480	N	100.257	E	180		4.6	0.8	52	NORTHERN SUMATERA

	15	06 01 23.4?	41.97	N	23.10	E	10	G			0.8	4	GREECE-BULGARIA BORDER REGION
	15	06 55 34.6*	72.587	N	125.580	E	10	G	4.7	4.2	1.2	15	CENTRAL SIBERIA
	15	08 00 56.0?	19.16	S	169.58	E	33	N	4.5		1.4	17	VANUATU ISLANDS
	15	09 18 33.6	38.042	N	37.928	E	10	G	4.4		1.0	59	TURKEY
	15	09 28 51.6*	38.232	N	38.019	E	10	G			1.4	6	TURKEY
	15	09 39 39.6*	11.866	S	117.307	E	33	N	3.8		0.8	7	SOUTH OF SUMBAWA ISLAND
	15	09 42 53.3	6.949	N	76.203	W	33	N	4.3		1.2	39	NORTHERN COLOMBIA
	15	10 02 24.3	38.011	N	37.859	E	10	G	4.3		1.0	49	TURKEY
	15	11 08 58.1?	26.42	N	111.78	W	10	G	3.9		1.8	12	GULF OF CALIFORNIA
	15	14 00 51.3&	38.766	N	119.402	W	5	G				8	CALIFORNIA-NEVADA BORDER REGION. <REN>. MD 3.2 (REN). Felt (IV) at Wellington, Nevada. Also felt at Smith, Nevada.
	15	14 54 13.7	1.954	S	100.849	E	87		5.3		1.0	118	SOUTHERN SUMATERA
	15	14 54 32.2*	28.424	S	67.843	W	150	*			0.5	12	LA RIOJA PROVINCE, ARGENTINA
	15	15 01 01.0?	62.01	N	4.05	E	10	G			0.8	6	NORWEGIAN SEA. MD 3.0 (BER).
	15	15 06 12.3	2.015	S	100.771	E	78	*	5.0		1.0	60	SOUTHERN SUMATERA
	15	17 14 29.9	36.522	N	137.096	E	273		4.5		0.7	30	HONSHU, JAPAN
	15	17 32 35.9	4.288	N	32.688	W	10	G	4.9	4.6	0.8	56	CENTRAL MID-ATLANTIC RIDGE
	15	19 14 35.6%	40.178	N	29.440	E	10	G			0.9	5	TURKEY
	15	20 39 58.9	0.365	S	124.320	E	33	N	4.9		1.5	38	MOLUCCA SEA
	15	21 27 04.8*	52.989	N	2.192	E	10	G			1.1	27	NORTH SEA. ML 3.2 (LDG), 3.0 (BGS).
	15	23 54 16.8*	51.5B7	N	175.359	W	33	N	4.4		1.3	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	23 55 24.6	18.740	S	178.083	W	651	?	4.8		0.8	22	FIJI ISLANDS REGION
a	15	23 58 44.3	0.831	N	26.805	W	10	G	4.9	4.9	1.1	111	CENTRAL MID-ATLANTIC RIDGE
	16	01 00 04.3&	60.185	N	152.532	W	104					21	SOUTHERN ALASKA. <AGS-P>.
	16	01 34 26.8	38.508	N	25.140	E	10				1.4	15	AEGEAN SEA. ML 3.6 (ATH).
	16	02 37 53.7	38.391	N	25.160	E	10	G			1.0	12	AEGEAN SEA. ML 3.5 (ATH).
	16	03 38 35.3?	40.47	S	176.60	E	79	*			1.6	9	NORTH ISLAND, NEW ZEALAND. Felt at Palmerstan North and Waadville.
a	16	04 52 08.4*	49.142	S	121.335	E	10	G	4.8	5.1	1.5	38	SOUTH OF AUSTRALIA
	16	04 52 27.3*	40.384	N	22.578	E	10	G			1.1	7	GREECE
	16	05 41 24.2*	12.368	S	43.958	E	10	G	4.7		1.4	44	NORTHWEST OF MADAGASCAR
	16	05 51 08.3*	17.260	N	99.459	W	63	*	4.5		0.9	21	GUERRERO, MEXICO
	16	07 11 22.3?	19.99	S	177.52	W	548	?	4.7		1.2	19	FIJI ISLANDS REGION
	16	07 11 56.0?	48.60	N	9.01	E	10	G			0.4	5	GERMANY
	16	07 38 15.1?	51.26	N	16.04	E	10	G			1.5	6	POLAND
	16	08 54 18.1?	59.28	N	6.97	E	10	G			1.1	5	SOUTHERN NORWAY. MD 1.9 (BER).
	16	09 55 17.7*	6.907	S	130.782	E	78	?	5.2		1.5	14	BANDA SEA
	16	10 06 56.8*	23.620	N	44.534	W	10	G	4.5		0.9	34	NORTH ATLANTIC RIDGE
	16	10 24 46.1	4.673	S	69.170	E	10	G	5.1		0.9	77	CHAGOS ARCHIPELAGO REGION
	16	10 26 46.3	40.016	N	19.580	E	33	N	4.0		1.2	48	ALBANIA. ML 4.2 (ATH), 3.8 (TTG).
	16	10 27 14.8*	21.085	S	69.955	W	119	?			1.1	9	NORTHERN CHILE
f	16	10 48 25.7	22.037	S	178.925	W	547	G	6.3		1.1	422	SOUTH OF FIJI ISLANDS. mb 6.4 (PAS), 5.8 (BRK). Felt (II) at Suva, Fiji and an Raaul Island, Kermadec Islands. Twa events abaut 1.5 seconds apart. First event is considerably smaller. Depth from broadband displacement seismagrams, based an larger event.
	16	11 36 54.1?	11.58	S	167.40	E	129	?	4.1		0.9	7	SANTA CRUZ ISLANDS
	16	12 56 09.7	10.619	S	119.180	E	49	*	5.0		1.4	18	SUMBA ISLAND REGION
	16	13 30 03.3?	22.51	S	170.38	E	33	N	4.0		1.6	15	LOYALTY ISLANDS REGION
	16	13 58 40.0*	35.416	N	141.170	E	33	N	4.5		1.2	19	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Chashi and (I JMA) at Mita.
	16	14 04 34.6	36.349	N	71.109	E	33	N	4.9		1.2	62	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Khorag, USSR. Felt at Chitral and Peshawar, Pakistan.
	16	14 35 17.1%	40.636	N	23.040	E	10	G			0.3	5	GREECE
	16	15 15 27.8?	16.40	S	36.01	E	10	G			1.3	5	MOZAMBIQUE. MG 3.1 (BUL).
	16	15 43 05.4*	8.358	N	126.648	E	75	*	5.0		1.5	26	MINDANAO, PHILIPPINE ISLANDS
	16	15 54 38.0&	49.390	N	127.070	W	31		4.9	5.0		138	VANCOUVER ISLAND REGION. <PGC-P>. ML 5.3 (PGC). Felt (IV) at Tahsis and Estevan Point. Felt an mast af Vancauver Island fram Victoria to Port Hardy and in the Vancouver orea of mainland British Columbia. Also felt in northwestern Washington.
	16	16 23 49.2	7.309	N	123.489	E	66	*	4.6		1.4	29	MINDANAO, PHILIPPINE ISLANDS
a	16	17 15 10.0	47.282	S	13.324	W	10	G	5.3	5.5	1.2	100	SOUTH ATLANTIC RIDGE
	16	19 54 02.5*	14.996	N	94.164	W	33	N	4.8		1.0	58	OFF COAST OF CHIAPAS, MEXICO
	16	20 51 42.2*	2.412	S	134.587	E	33	N			0.7	6	WEST IRIAN REGION
	16	21 54 02.0&	61.838	N	149.433	W	43					37	SOUTHERN ALASKA. <AGS-P>. ML 3.8 (PMR). Felt (III) at Hatcher Pass. Felt (II) at Ancharage, Palmer and Willow.
	16	21 57 38.8*	21.458	S	69.219	W	220	?	5.0		1.2	10	NORTHERN CHILE
	16	23 03 47.8	30.321	S	177.890	W	10	G	5.1	4.7	1.0	40	KERMADEC ISLANDS. Felt (III) an Raaul Island.
a	17	00 42 35.4	53.880	N	160.388	E	33	N	5.9	4.8	0.9	289	NEAR EAST COAST OF KAMCHATKA
	17	01 35 45.0?	45.29	N	3.49	E	10	G			1.2	6	FRANCE. ML 2.0 (LDG).
	17	02 08 13.6*	45.655	N	150.063	E	33	N	4.7		0.7	27	KURIL ISLANDS
	17	02 30 31.9*	38.058	N	37.892	E	10	G	4.0		1.5	20	TURKEY
	17	03 22 42.4	31.861	S	70.073	W	118		4.5		1.2	25	CHILE-ARGENTINA BORDER REGION. Felt (II) at Mendoza, Argentina.
	17	03 53 31.9	23.045	S	69.119	W	97		5.2		1.1	89	NORTHERN CHILE. Felt (IV) at Tacanaa and (III) at Antafagasta.
	17	04 19 10.4	50.889	N	2.622	E	10	G			0.7	20	FRANCE. ML 2.9 (LDG).
	17	06 30 12.8?	4.89	N	21.10	E	10	G	4.5		1.1	6	CENTRAL AFRICAN REPUBLIC
	17	06 48 06.2*	21.276	S	68.821	W	173	*			0.8	9	CHILE-BOLIVIA BORDER REGION
	17	06 48 38.6*	39.909	N	23.794	E	10	G			0.9	9	AEGEAN SEA
a	17	08 48 19.0	4.406	N	32.622	W	10	G	5.1	4.9	1.0	91	CENTRAL MID-ATLANTIC RIDGE
	17	09 42 47.4*	1.771	S	26.802	E	10	G			1.7	9	ZAIRE REPUBLIC. MG 4.6 (LSZ).
	17	10 21 13.4%	48.295	N	7.635	E	10	G			0.3	6	FRANCE. ML 2.5 (LDG).
a	17	10 38 17.2	5.776	N	126.742	E	33	N	5.9	5.5	1.0	255	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Cagayan de Ora. Alsa felt at Davaa.
a	17	12 19 20.8	20.346	S	68.041	E	10	G	5.5	5.3	1.0	151	MID-INDIAN RISE
	17	14 10 39.2&	59.791	N	153.392	W	118					44	SOUTHERN ALASKA. <AGS-P>.
	17	14 35 11.9	44.531	N	9.741	E	10	G			1.1	28	NORTHERN ITALY. ML 3.3 (LDG), 3.1 (KBA).
	17	16 03 07.5*	51.480	N	175.186	W	33	N	4.5		1.3	15	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	17	16 26 11.7*	3.023	N	126.594	E	92	?	4.4		0.9	10	TALAUD ISLANDS

	17	16	31	43.5?	60.59	N	5.00	E	10	G			0.6	4	SOUTHERN NORWAY. MD 1.8 (BER).
	17	16	40	31.7	45.453	N	6.481	E	9				0.8	16	FRANCE. ML 2.8 (LDG).
	17	17	17	15.2	22.006	S	68.914	W	112	*	4.0		1.4	15	NORTHERN CHILE
	17	17	45	43.8&	61.601	N	151.008	W	72					36	SOUTHERN ALASKA. <AGS-P>.
	17	17	54	21.0	38.434	N	25.056	E	10	G	4.6	5.2	1.4	122	AEGEAN SEA. ML 4.6 (ATH).
	17	17	59	47.9&	61.282	N	146.868	W	32					35	SOUTHERN ALASKA. <AGS-P>.
	17	18	04	32.7*	38.259	N	25.190	E	10	G			1.4	6	AEGEAN SEA
f	17	18	13	11.5	5.644	N	125.259	E	32	G	6.2	6.4	1.3	335	MINDANAO, PHILIPPINE ISLANDS. Ms 6.0 (PAS). Felt (II RF) at Cagayan de Oro. Also felt at Davao. Depth from broadband displacement seismograms.
	17	18	26	24.0*	39.721	N	29.252	E	10	G			1.3	6	TURKEY
	17	19	18	57.2	38.390	N	25.111	E	12		3.9		1.2	40	AEGEAN SEA. ML 4.2 (ATH).
	17	19	50	40.0*	20.898	S	173.912	W	33	N	4.9		1.4	21	TONGA ISLANDS
	17	19	59	14.1*	13.057	N	142.937	E	196	*	4.4		0.4	11	SOUTH OF MARIANA ISLANDS
	17	20	12	17.6	29.659	S	177.145	W	33	N	5.2	5.4	1.0	51	KERMADEC ISLANDS
	17	20	13	14.8*	9.373	S	107.653	E	33	N	4.6		0.8	9	SOUTH OF JAVA
	17	20	22	38.9	6.575	S	131.169	E	57	*	5.4	5.3	1.3	95	TANIMBAR ISLANDS REGION
	17	21	34	31.4	42.832	N	1.716	E	10	G			1.1	10	PYRENEES. ML 3.2 (LDG).
	17	21	41	41.4*	20.328	S	177.951	W	561	*	4.6		1.0	22	FIJI ISLANDS REGION
	17	21	44	56.4*	20.952	S	174.439	W	33	N	5.2		1.3	34	TONGA ISLANDS
	17	23	42	52.4	38.465	N	25.015	E	10	G			1.0	7	AEGEAN SEA. ML 3.4 (ATH).
	17	23	49	41.3*	38.323	N	25.117	E	10	G			1.0	6	AEGEAN SEA. ML 3.4 (ATH).
	18	00	07	55.5%	37.895	N	4.234	W	10	G			1.5	5	SPAIN. MC 2.6 (TOL).
	18	00	10	59.3	37.475	N	118.577	W	5	G			0.7	13	CALIFORNIA-NEVADA BORDER REGION. ML 2.8 (BRK).
	18	02	11	34.9*	51.184	N	15.761	E	10	G			1.0	12	POLAND. ML 3.9 (GRF), 3.8 (VKA), 3.5 (KBA).
	18	03	30	08.8*	51.508	N	173.847	W	33	N	4.6	4.9	1.0	33	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	03	54	20.2	45.467	N	28.050	W	10	G	4.6	4.3	0.9	35	NORTH ATLANTIC RIDGE
	18	04	06	03.9	45.229	N	28.047	W	10	G	5.0	5.0	0.9	130	NORTH ATLANTIC RIDGE
	18	04	10	32.0	16.335	S	167.983	E	201		5.3		1.4	75	VANUATU ISLANDS
	18	04	30	16.4&	59.884	N	153.180	W	110					29	SOUTHERN ALASKA. <AGS-P>.
	18	04	45	14.2*	8.456	S	117.929	E	33	N	4.6		1.4	19	SUMBAWA ISLAND REGION
	18	05	26	40.6	5.708	N	125.634	E	87	*	4.6		1.1	28	MINDANAO, PHILIPPINE ISLANDS
	18	05	32	57.1	42.049	S	73.402	W	33	N	5.2	4.0	1.3	33	NEAR COAST OF SOUTHERN CHILE. Felt (V) at Ancud and Maullin, (IV) at Puerto Mantt, (II) at Valdivia and Castro and (I) at Osorno.
	18	07	10	13.5%	39.442	N	28.318	E	10	G			1.5	10	TURKEY
	18	07	10	26.1*	32.248	S	70.910	W	32				1.1	13	CHILE-ARGENTINA BORDER REGION
f	18	08	05	15.4&	51.356	N	176.653	W	27		5.8	6.3		362	ANDREANOF ISLANDS, ALEUTIAN IS. <BOU-P>. ML 6.0 (PMR), Ms 6.4 (BRK), 6.0 (PAS). Felt (IV) on Adak and (III) on Atka. Depth 23.2 km. from broadband displacement seismograms.
	18	10	03	05.4*	14.775	N	92.606	W	113	*	4.3		1.4	24	NEAR COAST OF CHIAPAS, MEXICO. Felt in the Mexico-Guatemala border region.
	18	10	05	34.9%	40.567	N	29.244	E	10	G			0.6	6	TURKEY
	18	10	32	35.6*	51.169	N	176.015	W	33	N	4.5		0.9	16	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	11	25	25.9*	5.114	S	146.023	E	162		4.4		1.0	13	EAST PAPUA NEW GUINEA REGION
	18	12	20	57.3	43.053	N	19.688	E	5	G			1.1	10	YUGOSLAVIA. MD 2.6 (TTG).
	18	14	13	26.3&	33.940	N	116.740	W	17					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	18	14	46	21.3	51.184	N	176.144	W	33	N	4.8		0.6	23	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	15	18	18.6	44.059	N	4.722	E	10	G			0.8	6	FRANCE. ML 2.6 (LDG).
	18	18	28	40.1?	51.39	N	175.95	W	33	N	4.2		1.6	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	19	05	30.5*	0.207	N	123.808	E	134	?	4.5		1.2	12	MINAHASSA PENINSULA
	18	20	39	17.7	33.434	N	141.089	E	58	*	4.9		0.4	24	OFF EAST COAST OF HONSHU, JAPAN. Felt (I JMA) on Hachijo-jima.
	18	21	02	43.8	4.941	S	152.747	E	64	*	4.7		1.0	17	NEW BRITAIN REGION
	18	21	44	20.9*	45.629	N	142.012	E	264	?	4.1		0.9	18	HOKKAIDO, JAPAN REGION
	18	21	47	49.8	51.613	N	176.945	W	33	N	4.5		1.3	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	22	18	01.8*	46.682	N	10.109	E	10	G			1.4	7	NORTHERN ITALY
	18	22	56	28.9*	4.380	N	32.639	W	10	G	4.9	3.9	0.9	36	CENTRAL MID-ATLANTIC RIDGE
	18	23	17	58.2	52.317	N	179.615	E	171	D	5.1		1.0	95	RAT ISLANDS, ALEUTIAN ISLANDS
	18	23	28	40.2	49.776	N	1.354	E	10	G			0.7	12	FRANCE. ML 2.8 (LDG).
	18	23	34	15.9	43.040	N	18.038	E	10	G			1.1	8	YUGOSLAVIA. ML 2.4 (TTG).
	18	23	43	04.4*	63.067	N	150.911	W	131	?			1.5	11	CENTRAL ALASKA. Felt at Talkeetna.
	19	00	09	01.2?	39.72	N	22.51	E	10	G			1.4	8	GREECE
	19	01	50	12.8*	24.840	N	122.986	E	33	N	4.8		1.1	12	TAIWAN REGION
	19	02	39	33.4&	61.401	N	150.664	W	72					28	SOUTHERN ALASKA. <AGS-P>.
	19	02	54	10.9?	25.04	N	124.55	E	89	*	4.1		1.0	6	NORTHEAST OF TAIWAN. Felt (I JMA) on Ishigaki-shima, Ryukyu Islands.
	19	03	08	53.1	42.237	N	18.820	E	10	G	3.0		1.4	32	YUGOSLAVIA. MD 3.6 (TTG). Felt (V) at Budva and (III) at Titograd.
	19	04	13	34.8*	4.561	S	151.888	E	175		5.0		1.2	19	NEW BRITAIN REGION
	19	04	39	46.0	18.354	N	101.444	W	70		5.2		1.1	114	GUERRERO, MEXICO. Felt at Colima, Zihuataneja and Mexico City. Also felt in Oaxoca.
	19	05	41	01.2?	54.32	N	166.39	W	33	N	4.4		0.9	5	FOX ISLANDS, ALEUTIAN ISLANDS
a	19	06	58	37.8	14.076	S	166.632	E	73	*	5.2		1.4	76	VANUATU ISLANDS
	19	06	59	24.4	37.527	N	121.673	W	10	G			0.4	10	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	19	08	12	40.8%	41.434	N	29.271	E	10	G			0.8	6	TURKEY
	19	08	42	21.5*	20.645	S	178.337	W	555	*	4.3		0.9	22	FIJI ISLANDS REGION
f	19	09	09	09.2	56.331	N	152.914	W	17	G	6.0	6.3	0.9	237	KODIAK ISLAND REGION. ML 5.4 (PMR), Ms 6.4 (BRK), 5.8 (PAS). Multiple event. First event considerably smaller. Felt (IV) at Kodiak. Depth from broadband displacement seismograms, based on larger event.
	19	09	13	35.7%	41.459	N	29.335	E	10	G			0.1	5	TURKEY
	19	11	08	37.3	56.303	N	153.107	W	33	N	4.7		1.0	18	KODIAK ISLAND REGION. ML 4.3 (PMR).
	19	11	30	54.1	28.234	N	139.732	E	409	*	4.7		0.6	58	BONIN ISLANDS REGION
	19	11	40	03.4?	4.37	N	32.52	W	10	G	4.6		0.9	8	CENTRAL MID-ATLANTIC RIDGE
	19	12	55	42.8*	4.277	N	32.599	W	10	G	4.9	4.5	0.9	28	CENTRAL MID-ATLANTIC RIDGE
	19	15	04	35.9%	47.135	N	1.457	E	10	G			0.6	10	FRANCE. ML 2.6 (LDG).
	19	15	14	48.8	36.828	N	21.275	E	46	*	4.2		1.4	95	SOUTHERN GREECE
	19	16	49	13.5*	6.329	S	154.519	E	33	N	4.1		1.0	6	SOLOMON ISLANDS
a	19	17	18	58.2*	36.108	S	100.700	W	10	G	4.9	4.6	1.4	38	SOUTHERN PACIFIC OCEAN
	19	17	36	04.4%	40.059	N	29.424	E	10	G			0.2	5	TURKEY
a	19	18	12	27.8	7.799	N	94.517	E	164	G	5.9		1.1	342	NICOBAR ISLANDS REGION. Depth from broadband

														displacement seismagrams.
	19	19	10	43.1?	36.88	N	21.35	E	33	N			0.3	5 SOUTHERN GREECE
	19	19	14	54.4?	39.16	N	26.11	E	10	G			0.4	5 TURKEY
	19	19	23	16.7?	47.53	N	3.84	W	10	G			0.9	8 FRANCE. ML 2.5 (LDG).
	19	19	25	58.4?	50.25	N	179.68	E	33	N	4.4		0.8	7 RAT ISLANDS, ALEUTIAN ISLANDS
	19	19	46	20.3%	41.112	N	27.912	E	10	G			1.5	9 TURKEY
	19	20	01	10.4?	32.84	S	70.85	W	33	N			1.0	6 CHILE-ARGENTINA BORDER REGION
a	19	20	01	43.5	30.224	S	178.085	W	33	N	5.7	5.4	0.9	191 KERMADEC ISLANDS
	19	20	33	17.1	16.985	S	65.489	W	19	•	5.3	4.8	1.2	131 BOLIVIA. Felt (IV) at Cochabamba and (III) at La Paz.
	19	21	10	33.2	43.234	N	26.003	E	10	G			1.1	7 BULGARIA
a	19	21	57	24.3	16.943	S	65.426	W	20		5.4	5.2	1.1	152 BOLIVIA. Felt (IV) at Cochabamba and (III) at La Paz.
	19	22	28	41.8?	55.07	N	160.90	W	67	•	4.3		0.9	21 ALASKA PENINSULA. Felt at False Pass and King Cove.
	19	22	28	49.4?	36.92	N	21.31	E	33	N			1.2	6 SOUTHERN GREECE. ML 3.7 (ATH).
a	19	23	18	26.8	30.944	S	177.757	W	10	G	5.5	6.3	1.3	132 KERMADEC ISLANDS. Ms 6.6 (BRK), 6.0 (PAS).
	19	23	24	00.6?	4.60	S	102.50	E	137	?	4.7		1.6	13 SOUTHERN SUMATERA
	20	00	48	20.6?	37.15	N	21.39	E	33	N			1.7	6 SOUTHERN GREECE. ML 3.7 (ATH).
	20	02	28	13.7&	40.390	N	124.517	W	19					6 NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	20	02	33	32.5	44.520	N	9.745	E	10	G			1.1	31 NORTHERN ITALY. ML 3.5 (LDG), 3.4 (KBA). MD 3.7 (TRI).
	20	02	37	17.4	44.606	N	9.592	E	10	G			1.0	26 NORTHERN ITALY. ML 3.2 (LDG). MD 3.4 (TRI).
a	20	02	37	52.9	32.213	S	179.077	W	10	G	5.5		1.2	73 SOUTH OF KERMADEC ISLANDS. Felt (II) on Raoul Island.
	20	02	48	36.3?	44.34	N	7.51	E	10	G			0.4	5 NORTHERN ITALY. ML 3.0 (LDG).
	20	04	36	29.8	56.482	N	152.711	W	33	N	4.7	4.3	1.4	52 KODIAK ISLAND REGION. ML 4.7 (PMR).
a	20	07	00	05.5	81.756	N	119.801	E	10	G	4.9	4.0	0.8	70 EAST OF SEVERNAYA ZEMLYA
	20	07	39	32.8&	60.676	N	152.107	W	82					42 SOUTHERN ALASKA. <AGS-P>. Felt at Anchorage, Homer and Kenai.
	20	12	13	49.3?	7.89	S	28.39	E	10	G			1.1	5 ZAIRE REPUBLIC. MG 3.4 (BUL).
	20	12	26	37.5	43.217	N	26.111	E	7				1.0	14 BULGARIA
	20	12	31	44.1•	21.864	S	170.233	E	99	•	4.6		1.4	18 LOYALTY ISLANDS REGION
	20	13	54	24.9•	38.752	N	24.639	E	10	G			0.0	5 AEGEAN SEA. ML 3.3 (ATH).
	20	15	00	44.8?	5.42	S	146.68	E	63	•	4.0		1.3	9 EAST PAPUA NEW GUINEA REGION
	20	16	13	38.8•	40.667	N	15.709	E	10	G			1.0	12 SOUTHERN ITALY
	20	16	26	52.5•	0.884	S	135.293	E	33	N	4.4		1.2	7 WEST IRIAN REGION
a	20	17	12	46.9	31.240	N	86.847	E	33	N	5.9	6.1	1.2	232 TIBET. At least 58 houses collapsed and many damaged in the Ombu area.
a	20	18	41	28.8	58.600	S	25.122	W	33	N	5.8	5.6	1.0	165 SOUTH SANDWICH ISLANDS REGION
	20	19	27	37.0&	30.760	N	116.290	W	6	G				8 BAJA CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	20	19	29	28.7	58.569	S	25.106	W	33	N	4.9		1.0	33 SOUTH SANDWICH ISLANDS REGION
	20	20	27	36.3•	58.596	S	24.927	W	33	N	4.6		1.1	20 SOUTH SANDWICH ISLANDS REGION
	20	20	53	46.3	58.632	S	24.888	W	33	N	5.1		1.1	51 SOUTH SANDWICH ISLANDS REGION
	20	20	55	47.1	44.777	N	110.965	W	5	G			0.8	10 YELLOWSTONE NATIONAL PARK, WYO. ML 3.4 (NEIS).
	20	21	37	38.0•	58.614	S	25.058	W	33	N	5.1		1.3	29 SOUTH SANDWICH ISLANDS REGION
a	20	21	48	46.1	58.614	S	25.066	W	33	N	5.3	5.1	1.0	76 SOUTH SANDWICH ISLANDS REGION
	20	22	09	07.3•	58.559	S	24.994	W	33	N	5.1		1.0	42 SOUTH SANDWICH ISLANDS REGION
	20	22	13	49.6&	62.248	N	150.234	W	10					33 CENTRAL ALASKA. <AGS-P>. ML 3.8 (PMR). Felt at Talkeetna.
	20	23	32	43.5	41.229	S	43.661	E	10	G	5.2		1.1	44 PRINCE EDWARD ISLANDS REGION
	21	00	37	30.8?	15.71	N	97.97	W	33	N	4.7		0.7	5 NEAR COAST OF OAXACA, MEXICO
	21	01	32	28.2	50.926	N	178.788	W	33	N	4.9	4.5	0.9	84 ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
	21	01	37	56.8•	26.503	S	114.440	W	10	G	4.8	4.8	1.0	33 EASTER ISLAND REGION
	21	01	49	56.2	26.677	S	114.448	W	10	G	5.2	5.0	0.9	57 EASTER ISLAND REGION
	21	01	56	48.3?	26.79	S	114.25	W	10	G	4.8		0.6	6 EASTER ISLAND REGION
	21	01	59	03.6•	26.316	S	114.204	W	10	G	5.1	4.7	1.1	45 EASTER ISLAND REGION
	21	04	06	24.7%	44.599	N	8.805	E	10	G			1.2	10 NORTHERN ITALY. ML 2.8 (LDG).
	21	04	58	32.3	38.089	N	1.459	W	10	G			1.3	15 SPAIN. ML 3.6 (MDD). Felt (III) at Mula.
	21	05	42	14.3%	40.290	N	29.147	E	10	G			0.3	9 TURKEY
	21	08	27	26.2	40.188	N	22.368	E	10	G			0.2	10 GREECE
	21	09	13	40.6•	39.910	N	77.520	E	33	N	4.7		0.6	8 SOUTHERN XINJIANG, CHINA
	21	09	25	10.7	5.388	N	126.493	E	72	•	4.9		1.0	28 MINDANAO, PHILIPPINE ISLANDS
	21	09	30	08.6	40.894	N	20.151	E	10	G			1.1	10 GREECE-ALBANIA BORDER REGION
	21	09	41	20.6•	6.757	S	75.009	W	132	•	4.4		0.8	9 NORTHERN PERU
	21	09	50	15.2?	5.56	S	155.08	E	376	•	4.6		0.9	12 SOLOMON ISLANDS
	21	10	15	59.4•	44.293	N	2.888	E	10	G			0.9	8 FRANCE. ML 2.8 (LDG).
	21	10	33	12.7	29.141	S	70.767	W	93	•	4.5		1.3	29 CENTRAL CHILE
	21	10	54	09.8•	6.291	N	124.206	E	537	?	4.5		1.0	7 MINDANAO, PHILIPPINE ISLANDS
	21	11	27	29.4%	38.439	N	1.984	W	10	G			1.4	9 SPAIN. MG 3.2 (MDD).
	21	12	07	30.2	59.947	N	152.851	W	101		4.9		1.2	58 SOUTHERN ALASKA. Felt at Anchorage, Eagle River, Homer and Kenai.
	21	13	03	47.2•	51.365	N	175.881	W	33	N	4.5		0.4	8 ANDREANOF ISLANDS, ALEUTIAN IS.
	21	13	24	03.4•	45.654	N	14.277	E	10	G			1.0	5 YUGOSLAVIA. ML 2.6 (TRI), 2.5 (KBA).
	21	14	52	16.2•	29.280	S	67.191	W	33	N			1.3	7 LA RIOJA PROVINCE, ARGENTINA
	21	15	38	53.7	51.380	N	174.812	W	33	N	4.7	4.6	0.9	61 ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).
	21	15	59	38.4•	4.135	N	32.602	W	10	G	4.7		0.7	10 CENTRAL MID-ATLANTIC RIDGE
	21	17	58	23.1&	59.313	N	153.844	W	121					21 SOUTHERN ALASKA. <AGS-P>.
	21	18	09	22.9	14.478	N	93.869	W	17		4.8	4.2	1.1	54 NEAR COAST OF CHIAPAS, MEXICO
	21	18	10	55.1•	40.109	N	14.147	E	413	•	4.3		1.1	37 SOUTHERN ITALY
	21	19	24	23.9&	62.459	N	151.744	W	102					23 CENTRAL ALASKA. <AGS-P>.
a	21	19	33	14.0	58.637	S	24.959	W	33	N	5.0	4.9	1.0	64 SOUTH SANDWICH ISLANDS REGION
	21	20	30	53.5	42.793	N	111.153	W	5	G			1.0	9 EASTERN IDAHO. ML 3.5 (NEIS). Felt (IV) at Auburn, Wyoming.
	21	20	33	40.5	5.585	S	131.113	E	96	•	5.1		0.9	51 BANDA SEA
	21	21	58	25.9•	66.113	N	150.300	W	10	G			0.8	5 ALASKA. ML 3.1 (PMR).
	21	22	32	28.3•	20.566	S	178.275	W	497	•	4.4		0.8	18 FIJI ISLANDS REGION
a	21	22	33	12.7•	20.024	S	66.519	E	10	G	5.1	4.6	1.1	36 MASCARENE ISLANDS REGION
	21	22	57	28.0	44.336	N	12.000	E	10	G			0.9	43 NORTHERN ITALY. ML 4.1 (KBA), 3.9 (LDG). MD 3.9 (TRI).
	21	23	57	03.3	14.801	N	93.706	W	29		4.7		0.9	70 NEAR COAST OF CHIAPAS, MEXICO
	21	23	58	31.2?	29.31	S	176.52	W	33	N	4.8		0.9	7 KERMADEC ISLANDS REGION
	22	00	47	25.5?	4.95	S	138.97	E	33	N	3.2		0.7	5 WEST IRIAN
	22	02	02	47.1	44.950	N	112.784	W	5	G			1.0	7 EASTERN IDAHO. ML 2.7 (NEIS).
	22	02	26	06.0	44.524	N	10.790	E	10	G			0.7	8 NORTHERN ITALY. ML 2.9 (LDG), 2.3 (KBA). MD 2.9 (TRI).
	22	03	13	17.1?	56.19	N	164.20	E	33	N	4.5		1.2	9 KOMANDORSKY ISLANDS REGION
	22	03	48	49.9•	30.555	S	67.268	W	33	N			1.2	14 SAN JUAN PROVINCE, ARGENTINA
	22	04	00	46.6	43.076	N	13.324	E	24	•			1.1	37 CENTRAL ITALY. ML 3.5 (KBA), 3.5 (LDG).
	22	04	35	10.3?	43.99	N	12.00	E	10	G			0.2	5 CENTRAL ITALY

a	22	05	28	52.8	51.210	N	175.176	W	33	N	4.9	4.9	1.0	106	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR). Felt on Adok.
	22	05	33	53.1?	51.08	N	175.15	W	33	N	4.4		1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	05	37	07.1*	51.697	N	175.184	W	33	N	4.8		1.2	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	05	49	18.2*	7.768	N	37.232	W	10	G	4.7	4.7	1.3	28	CENTRAL MID-ATLANTIC RIDGE
	22	06	03	37.2?	52.08	N	175.13	W	33	N	4.6		0.6	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	06	57	18.1	31.609	S	70.329	W	114		4.3		0.8	18	CHILE-ARGENTINA BORDER REGION
	22	07	38	14.0?	51.30	N	175.14	W	33	N	4.2		1.2	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	08	00	43.8*	38.526	N	21.609	E	10	G	3.6		1.6	17	GREECE. ML 3.5 (ATH).
	22	09	21	28.4	38.449	N	21.663	E	10	G			0.8	10	GREECE. ML 3.0 (ATH).
	22	09	35	54.5?	39.10	N	27.62	E	10	G			0.6	4	TURKEY
	22	10	34	41.0	44.303	N	6.743	E	10	G			0.6	8	FRANCE. ML 2.8 (LDG).
	22	12	41	12.0?	66.52	N	149.76	W	10	G			0.1	4	ALASKA. ML 2.7 (PMR).
	22	12	48	17.5	42.764	N	19.161	E	10	G			0.2	6	YUGOSLAVIA. ML 2.3 (TTG).
	22	13	03	26.1?	38.24	N	25.08	E	10	G			1.8	5	AEGEAN SEA. ML 3.1 (ATH).
	22	13	28	14.9	2.333	S	138.696	E	33	N	5.2		1.3	29	WEST IRIAN
	22	14	07	51.7	43.570	N	13.660	E	13				1.2	54	CENTRAL ITALY. ML 4.2 (KBA), MD 4.1 (TRI).
	22	14	10	49.0*	24.040	S	67.045	W	212	*			0.2	6	CHILE-ARGENTINA BORDER REGION
	22	14	40	19.4?	51.46	N	177.26	W	33	N	4.2		1.3	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	15	35	21.9*	51.431	N	175.203	W	33	N	4.4		1.1	26	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
	22	15	43	14.8%	41.926	N	20.322	E	10	G			1.0	12	ALBANIA. ML 2.6 (TTG).
	22	16	33	17.2%	40.120	N	29.262	E	10	G			1.2	5	TURKEY
	22	16	55	04.0*	62.065	N	124.450	W	10	G	4.3		1.3	11	NORTHWEST TERRITORIES, CANADA
	22	17	04	45.1?	17.91	S	69.69	W	33	N			1.4	5	PERU-BOLIVIA BORDER REGION
	22	17	25	41.3?	37.49	S	176.75	E	145	*			1.0	8	NORTH ISLAND, NEW ZEALAND
	22	17	51	05.6*	51.590	N	172.153	W	33	N	4.2		0.6	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	18	01	54.8*	51.206	N	175.633	W	33	N	4.6	4.1	1.4	17	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	20	34	51.6&	40.698	N	124.688	W	13		4.1			27	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK).
	22	21	48	44.9?	12.23	S	40.49	E	10	G	4.2		1.6	6	MOZAMBIQUE
	22	22	37	03.3*	55.142	N	156.870	W	33	N	4.5	4.3	1.3	28	SOUTH OF ALASKA
	22	23	12	50.1*	38.432	N	25.054	E	10	G			0.9	7	AEGEAN SEA. ML 3.2 (ATH).
	22	23	15	42.8%	40.279	N	20.001	E	10	G			0.8	5	GREECE-ALBANIA BORDER REGION
	22	23	35	21.5&	62.258	N	149.344	W	55					31	CENTRAL ALASKA. <AGS-P>.
	22	23	57	05.3*	40.737	N	123.349	W	10	G			1.5	8	NORTHERN CALIFORNIA. ML 2.9 (BRK).
	23	00	07	56.4?	10.70	S	40.34	E	10	G	4.5		0.9	5	TANZANIA
	23	02	47	41.6&	61.740	N	149.765	W	47					39	SOUTHERN ALASKA. <AGS-P>.
	23	03	41	34.0	36.432	N	121.051	W	5	G			0.9	11	CENTRAL CALIFORNIA. ML 2.5 (BRK).
	23	03	55	28.7%	42.931	N	22.729	E	10	G			0.7	5	BULGARIA
	23	06	02	58.8*	41.350	N	22.217	E	10	G			0.6	5	YUGOSLAVIA. MG 2.4 (SKO).
	23	08	12	35.6	34.915	N	23.343	E	44		4.7		1.0	119	CRETE
	23	08	31	22.9*	11.803	S	113.841	E	10	G	4.4		1.5	12	SOUTH OF JAVA
	23	08	50	15.5	26.311	N	96.899	E	33	N	5.0		0.8	72	BURMA
	23	09	39	56.5?	51.46	N	177.19	W	33	N	4.3		0.8	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	23	09	45	30.6?	19.66	S	175.83	W	274	?	4.2		0.9	8	TONGA ISLANDS
	23	10	25	55.3	14.372	S	73.529	W	66	*	4.7		1.2	40	PERU
	23	11	17	58.5?	59.87	N	6.52	E	10	G			0.4	5	SOUTHERN NORWAY. MD 1.9 (BER).
	23	11	24	17.9	4.883	N	123.470	E	521		4.6		1.0	35	CELEBES SEA
	23	11	27	14.6*	27.250	S	66.780	W	33	N			1.0	13	CATAMARCA PROVINCE, ARGENTINA
	23	11	58	23.9*	7.527	N	37.287	W	10	G	4.6	4.4	1.2	14	CENTRAL MID-ATLANTIC RIDGE
	23	12	43	03.9?	51.71	N	175.12	W	33	N	4.3		0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	23	15	08	10.1*	2.099	S	139.001	E	33	N	5.1		0.4	7	NEAR N. COAST OF WEST IRIAN
	23	15	30	23.0*	27.586	S	124.615	E	10	G			0.8	7	WESTERN AUSTRALIA
	23	16	34	09.5&	58.814	N	153.022	W	72					32	KODIAK ISLAND REGION. <AGS-P>.
	23	17	19	29.6	31.230	N	87.014	E	33	N	4.8	4.4	1.1	26	TIBET
	23	17	24	50.2*	24.134	S	67.064	W	212	*			0.4	7	CHILE-ARGENTINA BORDER REGION
	23	17	45	39.3%	60.265	N	5.327	E	10	G			0.5	5	SOUTHERN NORWAY. MD 1.4 (BER).
	23	18	16	08.8	44.517	N	2.637	E	24				0.9	23	FRANCE. ML 3.4 (LDG).
	23	18	29	22.8*	7.492	S	155.670	E	33	N			0.8	5	SOLOMON ISLANDS
	23	20	26	44.9*	24.004	S	66.800	W	231	*			0.1	6	SALTA PROVINCE, ARGENTINA
a	23	20	35	21.1	6.021	S	148.948	E	84		5.6		1.0	78	NEW BRITAIN REGION
	23	20	55	58.6	36.882	N	141.751	E	46		4.8	4.4	1.0	44	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Fukushima, Mito and Onahama.
	23	20	59	15.6?	38.87	N	26.70	E	10	G			0.4	4	AEGEAN SEA
	23	21	43	32.1*	46.041	S	34.670	E	10	G	4.8	4.2	1.3	13	PRINCE EDWARD ISLANDS REGION
	23	23	46	07.9&	32.130	N	115.160	W	6	G	4.4			22	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.9 (PAS). Felt (IV) at San Luis, Arizona and (II) at Bard, California. Also felt in the Yuma, Arizona area.
	23	23	54	31.4*	14.539	N	93.773	W	27		4.5		1.2	35	NEAR COAST OF CHIAPAS, MEXICO
	24	01	53	35.2*	35.244	S	106.120	W	10	G	4.9	4.4	1.1	39	EASTER ISLAND CORDILLERA
f	24	02	53	11.2	34.794	N	140.595	E	63		6.1		1.0	403	NEAR EAST COAST OF HONSHU, JAPAN. mb 6.3 (PAS), 6.2 (BRK). Felt (IV JMA) at Ajiro, Choshi, Tateyama, Tokyo, Yokohama and an O-shima and Hachijo-jima; (III JMA) at Miyako, Ofunato and in the Kofu-Onahama area. Felt throughout eastern Honshu and in the Urakawa-Nemuro area, Hokkaido.
a	24	03	11	30.9	4.448	S	143.943	E	102	G	6.6	7.1	1.0	422	PAPUA NEW GUINEA. mb 6.9 (PAS). Damage (VII) and landslides occurred throughout the Papua New Guinea highlands. Submarine cables from Madang to Guam and Madang to Cairns were damaged. Preliminary estimate of damage approximately 500,000 U.S. dollars. Felt on New Guinea from Tabubil to Port Moresby and from Vanimo to Daru. Felt (III) at Arawa and Panguna, Bougainville. Depth from broadband displacement seismograms.
	24	03	42	01.2*	4.844	S	143.968	E	33	N			1.4	5	PAPUA NEW GUINEA
	24	04	12	04.9*	23.129	S	68.015	W	33	N	4.2		1.4	5	NORTHERN CHILE
	24	04	46	49.9?	29.91	N	131.45	E	33	N	4.4		1.2	9	RYUKYU ISLANDS REGION
	24	05	44	32.0&	32.120	N	115.170	W	6	G				9	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	24	06	40	20.4*	10.142	N	72.712	W	156	?	4.0		1.0	11	VENEZUELA
a	24	06	56	54.5	0.085	S	17.824	W	22	G	5.7	6.0	0.9	237	NORTH OF ASCENSION ISLAND. Depth from broadband displacement seismograms.
	24	07	38	33.6*	5.730	S	147.800	E	148	*	3.6		0.2	6	EAST PAPUA NEW GUINEA REGION
	24	08	33	06.6?	30.72	S	178.66	W	33	N	4.7		0.9	5	KERMADEC ISLANDS
	24	08	34	06.8?	3.88	S	130.62	E	33	N	4.1		1.3	10	CERAM

	24	08	43	10.7?	29.94	S	71.92	W	33	N			0.5	7	NEAR COAST OF CENTRAL CHILE
	24	09	35	23.4&	58.529	N	155.219	W	140					42	ALASKA PENINSULA. <AGS-P>. Felt at King Salman Air Force Base.
	24	09	49	40.1%	39.868	N	28.911	E	10	G			0.6	5	TURKEY
	24	11	27	12.1*	65.791	N	152.367	W	33	N			0.4	5	ALASKA. ML 2.7 (PMR).
	24	12	25	28.3	30.725	S	71.693	W	51		5.4	4.8	1.2	116	NEAR COAST OF CENTRAL CHILE. Felt (V) at Illapel.
	24	12	39	56.3*	31.444	S	68.977	W	113	?			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	24	12	44	55.7%	60.258	N	5.291	E	10	G			0.2	5	SOUTHERN NORWAY. MD 1.4 (BER).
	24	12	54	48.2?	30.69	S	72.73	W	33	N	4.5		0.5	5	OFF COAST OF CENTRAL CHILE
	24	13	04	33.9?	15.13	S	173.24	W	33	N	4.8		1.5	11	TONGA ISLANDS
	24	13	09	59.4&	32.120	N	115.170	W	6	G				15	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	24	13	13	01.1&	32.080	N	115.110	W	6	G				28	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.5 (PAS).
	24	13	38	25.6?	65.90	N	156.56	W	33	N			0.4	4	ALASKA. ML 3.6 (PMR). Felt at Kobuk.
	24	13	57	04.4	63.092	N	149.880	W	130	?			0.6	9	CENTRAL ALASKA
	24	14	57	20.3	40.598	N	20.413	E	10	G			1.0	12	GREECE-ALBANIA BORDER REGION. MG 3.4 (KBN).
	24	15	57	58.0*	44.559	N	2.461	E	10	G			0.5	6	FRANCE. ML 2.5 (LDG).
	24	17	24	28.2*	28.241	S	178.108	W	12	*	5.1		1.1	17	KERMADEC ISLANDS REGION. Felt (II) on Raoul Island.
	24	17	35	13.5	28.230	S	178.225	W	10	G	5.0	5.2	1.1	29	KERMADEC ISLANDS REGION
a	24	17	39	18.9	28.278	S	178.127	W	12		5.5	5.7	1.2	70	KERMADEC ISLANDS REGION. Ms 5.7 (BRK).
	24	18	45	31.3	34.807	N	140.640	E	65		5.4		0.8	207	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) on Miyake-jima; (II JMA) at Ajiro, Tateyama and on O-shima; (I JMA) at Chashi, Tokyo and in the Kofu-Utsunomiya area.
a	24	19	31	06.5	28.243	S	178.246	W	11		5.6	5.8	1.2	103	KERMADEC ISLANDS REGION. Ms 5.9 (BRK). Felt (II) on Raoul Island.
	24	20	13	40.3?	39.68	N	23.38	E	10	G			1.5	5	AEGEAN SEA
	24	20	46	02.7	66.133	N	149.639	W	10	G	4.9		1.3	65	ALASKA. ML 5.2 (PMR). Felt (IV) at Stevens Village and (III) at Fairbanks. Also felt at Alyeska Pump Station Six.
	24	21	48	32.1?	28.14	S	178.03	W	10	G	4.5		1.6	7	KERMADEC ISLANDS REGION
	24	22	04	30.7*	38.282	N	21.785	E	10	G	3.9		1.4	19	GREECE. ML 3.6 (ATH).
	24	23	07	29.4	39.051	N	28.670	E	10	G			1.1	10	TURKEY
	24	23	34	59.8	0.208	S	17.859	W	10	G	4.9	4.3	0.8	64	NORTH OF ASCENSION ISLAND
a	24	23	53	32.5*	36.075	S	100.473	W	10	G	4.8	5.0	1.4	39	SOUTHERN PACIFIC OCEAN
	25	00	14	43.3*	18.084	S	178.688	W	644	?	4.6		0.8	29	FIJI ISLANDS REGION
	25	00	28	22.0	31.146	N	86.778	E	33	N	4.7	4.5	1.0	53	TIBET
	25	01	08	51.5*	28.761	S	67.794	W	131	?			1.3	11	LA RIOJA PROVINCE, ARGENTINA
	25	01	23	50.5?	44.03	N	7.87	E	10	G			0.5	5	NORTHERN ITALY. ML 2.8 (LDG).
	25	04	04	12.7&	59.879	N	152.446	W	82					34	SOUTHERN ALASKA. <AGS-P>.
	25	04	25	32.6	38.040	N	4.354	W	10	G			0.6	11	SPAIN. MG 3.4 (MDD). Felt (V) at Montoro, (IV) at Villa del Rio, (III) at Lopera and Pedro Abad and (II) at Andujar and Canete de las Torres.
	25	05	37	24.0?	24.64	S	67.39	W	33	N			1.4	5	CHILE-ARGENTINA BORDER REGION
	25	06	12	05.9*	33.396	S	72.059	W	44	*	4.6	4.8	1.1	36	OFF COAST OF CENTRAL CHILE. Felt (III) at Valparaiso.
	25	06	18	01.6*	6.784	N	72.977	W	167	*	4.4		1.0	14	NORTHERN COLOMBIA
	25	06	46	09.4	13.059	N	58.800	W	30	*	4.7	4.2	1.1	54	NORTH ATLANTIC OCEAN
	25	07	33	45.2*	40.255	N	124.075	W	5	G			0.2	6	NEAR COAST OF NORTHERN CALIF. ML 2.9 (BRK).
	25	08	12	54.3?	44.76	N	17.53	E	10	G			1.2	6	YUGOSLAVIA. ML 3.5 (TRI), 2.9 (KBA).
	25	08	29	15.8	2.153	S	139.259	E	33	N	4.9		1.0	31	NEAR N. COAST OF WEST IRIAN
	25	10	59	49.2?	5.28	S	103.30	E	33	N	4.4		1.4	8	SOUTHERN SUMATERA
	25	11	33	03.7	13.766	N	144.640	E	124		4.4		0.8	31	MARIANA ISLANDS. Felt (IV) on Guam.
	25	11	45	52.2*	28.462	S	178.466	W	10	G	5.1	4.8	1.4	32	KERMADEC ISLANDS REGION. Felt (II) on Raoul Island.
	25	11	48	23.1	39.459	N	28.344	E	10	G	3.9		0.8	34	TURKEY. ML 4.2 (ATH).
	25	12	22	50.0%	39.453	N	28.268	E	10	G			0.9	6	TURKEY
	25	12	26	42.2%	42.530	N	25.399	E	10	G			1.6	5	BULGARIA
	25	16	41	42.5	50.617	N	19.005	E	10	G	4.2		1.3	10	POLAND. ML 4.1 (GRF), 3.8 (KRA), 3.6 (KBA).
	25	16	50	11.4*	28.305	S	178.143	W	10	G	4.6		0.9	8	KERMADEC ISLANDS REGION
	25	17	34	30.7%	46.714	N	0.153	W	10	G			1.1	13	FRANCE. ML 2.6 (LDG).
	25	17	35	07.0*	1.697	S	139.091	E	33	N	4.0		0.7	10	NEAR N. COAST OF WEST IRIAN
	25	18	27	50.2*	31.192	N	131.374	E	68	*	4.1		1.0	9	KYUSHU, JAPAN
	25	20	27	45.1&	37.265	N	116.499	W	0		5.5	4.2		265	SOUTHERN NEVADA. <DOE>. ML 5.3 (BRK). 37° 15' 52.51" N., 116° 29' 57.51" W., Surface Elev. 1876 m., Dept of Burial 500 m., "DARWIN", Nevada Test Site (Dept. of Energy).
	25	20	32	15.2*	6.878	S	150.155	E	33	N	4.5		1.4	13	NEW BRITAIN REGION
	25	20	53	01.9%	40.327	N	27.076	E	10	G			0.6	8	TURKEY
	25	22	04	34.4&	31.210	N	115.530	W	6	G				9	BAJA CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	25	22	45	56.4?	50.57	N	19.25	E	10	G			1.5	4	POLAND. ML 2.7 (KRA).
	25	23	37	36.7*	17.876	S	178.697	W	600	*	4.5		0.9	30	FIJI ISLANDS REGION
	26	02	41	31.4	71.375	N	4.330	W	10	G	4.7	4.2	1.0	69	JAN MAYEN ISLAND REGION
	26	02	55	00.5*	71.266	N	4.214	W	10	G	4.5		0.6	32	JAN MAYEN ISLAND REGION
	26	03	05	04.8?	70.43	N	3.19	W	10	G	4.1		1.1	13	JAN MAYEN ISLAND REGION
	26	03	29	15.7	43.020	N	18.735	E	10	G			0.5	7	YUGOSLAVIA. ML 2.5 (TTG).
	26	04	10	11.5*	37.098	N	141.488	E	54	*	4.1		1.0	10	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) at Onahama and (I JMA) at Fukushima, Mito and Utsunomiya.
	26	04	16	20.2?	15.22	N	98.08	W	33	N	3.9		0.6	6	OFF COAST OF GUERRERO, MEXICO
	26	04	56	53.4*	26.967	S	71.995	W	66	?			1.2	11	OFF COAST OF NORTHERN CHILE
	26	05	39	47.8&	33.870	N	118.450	W	7					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt (IV) at Compton, Manhattan Beach, Palos Verdes Estates, Santa Monica, Torrance and Venice. Felt (III) at Redondo Beach. Felt from West Los Angeles to Long Beach.
	26	07	40	34.2*	1.899	S	139.140	E	33	N	4.9		1.4	14	NEAR N. COAST OF WEST IRIAN
	26	08	56	52.3	10.134	S	161.120	E	104		5.2		0.8	81	SOLOMON ISLANDS
	26	09	37	34.6%	39.853	N	28.872	E	10	G			0.7	5	TURKEY
	26	09	53	29.5*	5.997	S	146.884	E	120	*	4.0		0.7	7	EAST PAPUA NEW GUINEA REGION
	26	10	26	39.4	28.239	S	178.071	W	10	G	4.5		0.7	19	KERMADEC ISLANDS REGION
	26	10	30	39.8*	5.378	S	154.365	E	400		4.8		1.1	20	SOLOMON ISLANDS
	26	11	06	41.1*	4.634	S	144.103	E	129	*	4.0		1.2	12	NEAR N COAST OF PAPUA NEW GUINEA
	26	11	54	26.8	16.980	S	173.137	W	33	N	5.1	4.6	0.9	101	TONGA ISLANDS
	26	13	06	31.0*	27.958	N	140.464	E	33	N	4.8	4.4	1.5	21	BONIN ISLANDS REGION
	26	13	55	43.6&	59.730	N	152.182	W	23					38	SOUTHERN ALASKA. <AGS-P>. ML 3.6 (PMR). Felt at Anchor Point and Homer.

	26	14 44 59.4*	28.301	S	178.147	W	10	G	4.6		1.4	7	KERMADEC ISLANDS REGION
	26	14 46 14.6?	48.76	N	2.70	W	10	G			0.7	10	FRANCE. ML 2.8 (LDG).
	26	16 07 48.5?	38.81	N	25.49	E	10	G			0.6	7	AEGEAN SEA
	26	16 29 48.9*	28.455	S	178.359	W	10	G	4.9	4.5	1.4	17	KERMADEC ISLANDS REGION
	26	16 34 19.0&	62.228	N	150.180	W	12					34	CENTRAL ALASKA. <AGS-P>. ML 3.3 (PMR). Felt at Talkeetna.
	26	17 39 35.5%	39.804	N	29.258	E	10	G			0.7	5	TURKEY
	26	17 44 45.9%	39.446	N	28.348	E	10	G			0.8	9	TURKEY
	26	18 20 04.6*	31.127	N	106.997	E	33	N	4.6		0.3	5	SICHUAN PROVINCE, CHINA
	26	18 55 18.6	40.381	N	51.684	E	33	N	4.4		0.9	25	CASPIAN SEA
	26	19 44 28.3	8.939	N	121.955	E	33	N	4.6		1.0	20	MINDANAO, PHILIPPINE ISLANDS
	26	19 58 49.8	28.147	S	178.004	W	14		5.2	5.0	1.0	57	KERMADEC ISLANDS REGION. Felt (II) on Raoul Island.
	26	20 00 47.4	50.260	N	19.170	E	10	G			1.5	11	POLAND. ML 4.1 (GRF), 3.7 (KRA), 3.5 (KBA).
	26	20 44 24.0	41.188	N	19.558	E	10	G	4.7		1.3	67	ALBANIA. ML 4.4 (ATH). MD 4.2 (TTG).
	26	20 59 56.5	46.314	N	12.478	E	10	G			1.2	37	NORTHERN ITALY. ML 3.7 (FUR), 3.6 (GRF), 3.2 (TRI), 3.2 (LDG).
	26	21 08 04.2	41.098	N	19.590	E	10	G			1.2	11	ALBANIA. ML 3.0 (TTG).
	26	21 31 00.1*	28.072	S	177.887	W	10	G	4.4		0.5	6	KERMADEC ISLANDS REGION
	26	23 14 32.9	6.880	N	73.099	W	160		4.8		1.2	34	NORTHERN COLOMBIA
	27	00 06 55.1?	5.45	S	11.38	W	10	G	4.4		0.5	7	ASCENSION ISLAND REGION
	27	01 22 52.8*	19.302	S	126.193	W	10	G	4.6	4.2	1.2	16	SOUTH PACIFIC OCEAN
	27	01 44 29.3	31.950	S	69.221	W	75	*	3.6		1.0	18	SAN JUAN PROVINCE, ARGENTINA
	27	02 16 52.8?	66.23	N	150.05	W	10	G			1.5	5	ALASKA. ML 3.3 (PMR).
a	27	03 09 50.8	7.947	S	122.791	E	229		5.4		1.1	164	FLORES SEA
	27	03 37 20.5?	40.30	N	27.56	E	10	G			0.8	4	TURKEY
	27	03 49 46.1?	59.41	N	6.67	E	10	G			0.7	6	SOUTHERN NORWAY. MD 2.5 (BER).
	27	04 06 43.4&	37.745	N	121.982	W	4					11	CENTRAL CALIFORNIA. <BRK>. ML 2.4 (BRK). Felt at Danville and San Ramon.
	27	04 09 30.5	44.648	N	111.076	W	5	G			0.6	9	HEBGEN LAKE REGION. ML 2.8 (NEIS).
	27	05 17 39.8?	16.83	N	98.97	W	33	N	3.7		1.0	12	NEAR COAST OF GUERRERO, MEXICO
	27	06 54 55.6	37.880	N	27.371	E	10	G			1.2	15	TURKEY. ML 4.2 (ATH).
	27	07 22 33.0&	59.016	N	152.505	W	71		4.0			47	SOUTHERN ALASKA. <AGS-P>.
	27	09 41 47.9*	5.867	S	125.316	E	558	*	4.9		0.6	13	BANDA SEA
	27	09 55 26.4?	51.38	N	20.38	E	10	G			1.4	5	POLAND. ML 3.0 (KRA).
	27	10 30 59.1?	12.75	S	113.45	E	33	N	3.8		0.7	5	NORTHWEST OF AUSTRALIA
	27	10 53 56.9%	42.519	N	18.523	E	10	G			1.7	5	YUGOSLAVIA. ML 2.2 (TTG).
	27	11 18 51.7	39.053	N	140.869	E	28		5.2		1.0	123	HONSHU, JAPAN. Felt (II JMA) at Miyako, Ofunato and Sendoi and (I JMA) at Fukuoka, Ishinomaki, Akita and Morioka.
	27	11 33 04.5*	35.075	N	24.178	E	73	*	4.0		0.8	15	CRETE
	27	12 14 03.7?	17.75	S	174.54	W	33	N	4.9		1.0	10	TONGA ISLANDS
	27	12 14 52.0?	4.46	S	143.97	E	146	*	4.0		1.2	7	PAPUA NEW GUINEA
	27	12 32 34.5%	60.717	N	5.547	E	10	G			0.7	5	SOUTHERN NORWAY. MD 1.9 (BER).
	27	14 09 33.1&	59.915	N	153.409	W	122					32	SOUTHERN ALASKA. <AGS-P>.
	27	15 57 48.0*	28.496	S	177.989	W	10	G	4.4		0.9	7	KERMADEC ISLANDS REGION
a	27	16 48 57.4*	30.981	S	177.505	W	26	*	5.0	5.4	1.3	39	KERMADEC ISLANDS. Ms 5.4 (BRK).
	27	17 14 12.1*	22.640	S	66.282	W	269		4.4		1.1	14	JUJUY PROVINCE, ARGENTINA
	27	17 37 33.8*	28.264	S	177.847	W	33	N	4.6	4.9	1.0	13	KERMADEC ISLANDS REGION
	27	17 41 08.1*	14.840	N	124.165	E	33	N	4.3		1.2	11	LUZON, PHILIPPINE ISLANDS
	27	18 18 18.3	0.240	S	121.984	E	283	*	4.7		1.1	33	MINAHASSA PENINSULA
	27	18 33 37.1	40.889	N	28.285	E	10		4.1		1.0	49	TURKEY. ML 4.7 (ATH).
	27	19 44 25.6	15.060	N	96.388	E	10	G	4.3		1.3	12	SOUTH BURMA
	27	20 43 21.2*	18.801	S	172.941	W	33	N	4.6		1.1	11	TONGA ISLANDS REGION
	27	21 07 56.8	0.061	N	77.384	W	33	N	4.3		1.1	12	COLOMBIA-ECUADOR BORDER REGION. Felt (II) at Quito, Ecuador. Also felt at Pasto, Colombia.
	27	21 10 44.7%	40.867	N	28.290	E	10	G			0.6	6	TURKEY
	27	21 48 55.2	16.188	S	73.536	W	80	D	5.0		1.1	60	NEAR COAST OF PERU. Felt (II) at Arequipa.
	27	22 12 50.0%	39.433	N	28.309	E	10	G			0.6	7	TURKEY
	27	22 24 13.0*	6.953	S	128.535	E	231	?	4.0		1.1	11	BANDA SEA
	27	23 08 42.4	34.729	N	140.664	E	62	*	4.7		0.6	21	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) at Tateyama.
	28	00 04 19.8*	28.139	S	177.991	W	10	G	4.4		1.0	7	KERMADEC ISLANDS REGION
	28	00 14 06.0?	14.90	N	96.06	E	33	N			0.7	5	ANDAMAN ISLANDS REGION
	28	00 20 10.9*	40.931	N	28.376	E	10	G			0.8	5	TURKEY
	28	00 34 49.8	40.857	N	28.295	E	10	G			0.8	11	TURKEY
	28	01 18 26.8*	25.951	S	179.499	E	580	?	4.9		1.0	30	SOUTH OF FIJI ISLANDS
	28	01 27 07.8*	61.586	N	124.916	W	10	G			1.2	5	NORTHWEST TERRITORIES, CANADA
	28	01 53 43.9%	16.746	N	120.380	E	33	N			1.4	5	LUZON, PHILIPPINE ISLANDS
	28	02 06 29.8&	39.533	N	119.770	W	13					21	NEVADA. <BRK>. ML 3.7 (BRK), MD 3.9 (REN). Felt (V) at Reno and Sparks. Felt (IV) ot Fernley. Also felt at Sun Valley.
	28	02 55 08.9	44.291	N	6.808	E	10	G			0.6	7	FRANCE. ML 2.5 (LDG).
	28	03 04 07.3*	43.609	N	7.594	E	10	G			0.2	5	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
	28	04 32 09.4?	26.23	S	65.71	W	112	*			1.1	7	TUCUMAN PROVINCE, ARGENTINA
f	28	05 03 47.4	20.037	S	176.056	W	211	G	6.1		1.0	349	FIJI ISLANDS REGION. mb 6.4 (BRK), 6.0 (PAS). Depth from broadband displacement seismograms.
	28	05 57 44.7*	33.546	S	65.221	W	11				0.9	10	SAN LUIS PROVINCE, ARGENTINA
	28	07 23 06.2?	12.77	N	121.58	E	193	?			0.7	6	MINDORO, PHILIPPINE ISLANDS
	28	07 28 19.2%	39.272	N	27.682	E	10	G			0.9	5	TURKEY
	28	07 53 53.8&	59.850	N	153.110	W	103					33	SOUTHERN ALASKA. <AGS-P>.
	28	07 57 28.2*	58.843	S	25.396	W	33	N	4.9		1.1	26	SOUTH SANDWICH ISLANDS REGION
	28	09 11 12.5%	40.877	N	28.285	E	10	G			0.6	6	TURKEY
	28	09 34 05.3%	40.771	N	23.359	E	10	G			0.3	6	GREECE
	28	09 43 10.0?	3.59	S	132.89	E	33	N	4.0		0.7	5	WEST IRIAN REGION
	28	10 21 26.9?	7.40	S	127.99	E	146	?	4.4		1.5	10	BANDA SEA
	28	10 23 34.0	3.687	N	127.956	E	141	*	5.0		1.0	43	TALAUD ISLANDS
	28	10 29 25.5%	40.870	N	28.289	E	10	G			0.6	7	TURKEY
	28	10 55 36.6*	61.823	N	124.866	W	10	G			0.1	5	NORTHWEST TERRITORIES, CANADA
	28	11 15 48.0%	42.727	N	24.049	E	5	G			1.7	5	BULGARIA
	28	12 21 51.8%	38.583	N	4.130	W	0	G			0.8	5	SPAIN. Probable explosion.
	28	12 58 51.3?	4.94	S	144.03	E	118	?	4.4		1.4	7	NEAR N COAST OF PAPUA NEW GUINEA
	28	13 59 58.1*	6.781	S	128.827	E	13	*	4.5		1.2	11	BANDA SEA
	28	14 14 22.6?	31.81	S	72.04	W	33	N			0.5	8	OFF COAST OF CENTRAL CHILE

	28	14	51	00.4?	32.86	S	70.01	W	33	N		0.6	5	CHILE-ARGENTINA BORDER REGION
	28	15	15	35.3%	40.368	N	27.545	E	10	G		0.1	8	TURKEY
	28	16	01	15.6*	55.203	N	160.285	W	33	N	4.3	1.7	14	ALASKA PENINSULA. ML 4.3 (PMR). Felt at Sand Point.
	28	16	59	21.9?	7.22	S	130.32	E	33	N	4.4	0.6	4	TANIMBAR ISLANDS REGION
	28	17	03	45.9?	0.96	S	34.03	E	10	G	4.2	1.3	5	LAKE VICTORIA REGION
	28	18	19	05.9*	7.416	S	27.734	E	10	G	4.7	1.5	8	ZAIRE REPUBLIC
	28	19	28	35.9%	40.044	N	29.431	E	10	G		0.1	5	TURKEY
	28	19	59	11.1*	61.863	N	124.535	W	10	G		1.1	6	NORTHWEST TERRITORIES, CANADA
	28	21	45	14.8?	46.28	N	7.38	E	10	G		1.0	5	SWITZERLAND
	28	23	31	36.6	27.171	S	71.409	W	152	?		0.6	14	NEAR COAST OF NORTHERN CHILE
	29	00	45	12.0	36.010	N	30.433	E	50		4.3	0.9	29	TURKEY
	29	00	48	27.3*	11.913	N	141.728	E	33	N	4.7	1.1	10	WEST CAROLINE ISLANDS
	29	01	06	36.9%	46.124	N	3.046	E	10	G		0.4	7	FRANCE. ML 2.1 (LDG).
	29	01	29	13.2*	35.939	N	30.240	E	33	N		1.2	11	EASTERN MEDITERRANEAN SEA
	29	01	53	30.1	40.636	N	29.900	E	10	G		1.0	15	TURKEY
	29	02	25	41.5	54.138	N	164.155	W	33	N	4.6	1.1	44	UNIMAK ISLAND REGION
	29	02	29	13.3?	30.33	S	70.30	W	129	?		0.4	7	CHILE-ARGENTINA BORDER REGION
	29	02	38	17.5?	17.58	S	76.61	W	33	N	4.7	1.3	6	OFF COAST OF PERU
a	29	04	30	03.6	52.330	N	174.850	W	33	N	4.9 5.2	1.1	109	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR), Ms 5.3 (BRK), 5.1 (PAS). Felt on Adak and Atka.
	29	04	32	10.8*	52.255	N	174.836	W	33	N	4.7	1.2	16	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR). Felt on Adak and Atka.
	29	05	04	11.1%	46.498	N	9.569	E	10	G		1.3	7	SWITZERLAND
	29	06	23	21.2*	14.879	N	93.474	W	54	*	4.5	1.2	36	NEAR COAST OF CHIAPAS, MEXICO
	29	07	52	24.8?	11.33	S	40.47	E	10	G	4.5	1.0	6	MOZAMBIQUE
	29	08	08	16.3?	39.13	N	27.56	E	10	G		0.3	4	TURKEY
	29	08	36	00.7&	60.102	N	152.052	W	64				34	SOUTHERN ALASKA. <AGS-P>.
	29	08	42	11.9?	59.63	N	6.68	E	10	G		0.8	5	SOUTHERN NORWAY. MD 1.7 (BER).
	29	09	15	27.4*	28.195	S	177.982	W	10	G	4.6	0.6	9	KERMADEC ISLANDS REGION
	29	09	35	09.0	9.951	N	126.152	E	56	?	4.6	1.2	19	MINDANAO, PHILIPPINE ISLANDS
	29	09	38	52.5	44.251	N	129.128	W	10	G	4.0	1.3	34	OFF COAST OF OREGON
a	29	09	55	39.2	15.168	N	96.314	E	17	D	5.0 5.1	1.0	116	SOUTH BURMA
	29	10	33	03.2	25.329	N	142.705	E	33	N	4.9 5.2	0.7	45	VOLCANO ISLANDS REGION
	29	10	34	27.3?	42.36	N	19.92	E	10	G		0.6	4	YUGOSLAVIA. MD 2.6 (TTG).
	29	10	52	11.8&	32.170	N	115.120	W	6	G			7	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	29	11	16	08.9*	31.780	S	67.897	W	10	G		1.5	7	SAN JUAN PROVINCE, ARGENTINA
	29	11	22	35.6*	31.255	N	86.750	E	33	N	4.5	1.4	14	TIBET
	29	11	25	22.6?	32.24	S	71.70	W	33	N		1.1	6	NEAR COAST OF CENTRAL CHILE
	29	11	47	40.2?	39.13	N	27.56	E	10	G		0.4	4	TURKEY
a	29	11	57	42.7	28.024	S	177.957	W	10	G	5.4 6.1	1.2	130	KERMADEC ISLANDS REGION. Ms 6.2 (PAS), 6.1 (BRK). Felt (IV) on Raoul Island.
	29	12	31	16.1	15.188	N	96.201	E	15	D	5.1 5.6	0.9	112	SOUTH BURMA
	29	12	36	48.7*	28.283	S	177.978	W	10	G	4.9	1.0	10	KERMADEC ISLANDS REGION
	29	12	58	28.0*	28.387	S	177.993	W	10	G	5.0	1.3	22	KERMADEC ISLANDS REGION
	29	13	23	47.2?	41.59	N	23.76	E	10	G		0.5	5	GREECE-BULGARIA BORDER REGION
	29	13	46	39.9*	28.027	S	177.956	W	10	G	5.2	1.1	32	KERMADEC ISLANDS REGION
	29	13	51	18.7?	18.23	N	103.50	W	33	N	4.6	1.3	6	NEAR COAST OF MICHOACAN, MEXICO
	29	13	56	36.6	41.333	N	23.586	E	10	G		1.0	9	GREECE-BULGARIA BORDER REGION
a	29	14	09	04.7	28.064	S	178.107	W	21	D	5.4 5.2	1.1	81	KERMADEC ISLANDS REGION
	29	14	25	33.6	28.236	S	178.059	W	10	G	4.6 4.9	1.0	15	KERMADEC ISLANDS REGION
	29	15	00	10.1&	31.920	N	116.320	W	6	G			13	BAJA CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
a	29	15	00	13.9	28.002	S	177.873	W	10	G	5.3 5.1	1.3	64	KERMADEC ISLANDS REGION
	29	15	06	49.4*	27.566	S	71.789	W	96	?		1.1	9	NEAR COAST OF NORTHERN CHILE
	29	15	59	47.1%	46.132	N	3.037	E	10	G		0.4	8	FRANCE. ML 2.2 (LDG).
	29	16	38	17.0*	29.319	S	66.302	W	33	N		1.1	11	LA RIOJA PROVINCE, ARGENTINA
	29	18	31	56.2*	18.673	S	70.873	W	33	N		1.2	7	NEAR COAST OF NORTHERN CHILE
	29	19	19	01.0?	15.35	N	96.94	E	10	G	3.9	0.4	5	SOUTH BURMA
	29	19	44	30.1	84.048	N	112.493	E	10	G	4.8 4.0	1.1	62	NORTH OF SEVERNAYA ZEMLYA
a	29	20	11	50.4	6.766	N	73.009	W	160	D	5.3	0.9	257	NORTHERN COLOMBIA. Felt strongly at Bucaramanga and Cucuta. Felt in many parts of northern and central Colombia. Also felt strongly in the San Cristabal-Maracaibo area, Venezuela.
	29	20	30	42.3?	41.90	N	20.44	E	10	G		0.8	6	ALBANIA. ML 2.6 (TTG).
	29	20	56	33.6&	60.476	N	152.025	W	86				35	SOUTHERN ALASKA. <AGS-P>.
	29	20	59	35.5?	28.56	S	178.43	W	10	G	4.8	1.4	8	KERMADEC ISLANDS REGION
	29	21	32	57.9?	30.60	N	50.10	E	33	N	4.4	0.4	8	IRAN
a	29	21	47	59.6	5.336	S	29.539	E	20	D	5.2 5.4	1.1	117	LAKE TANGANYIKA REGION
	29	22	29	24.1?	16.10	S	173.89	W	33	N	5.2	0.6	5	TONGA ISLANDS
	29	22	36	26.9*	44.485	N	10.734	E	10	G		1.1	7	NORTHERN ITALY. ML 2.7 (LDG).
	30	00	54	31.9%	40.865	N	28.289	E	10	G		1.0	9	TURKEY
	30	00	59	56.6*	68.092	N	163.780	W	33	N		1.1	8	ALASKA
	30	01	21	26.6	51.391	N	176.683	W	33	N	4.8 4.1	1.1	50	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR). Felt (III) on Adak.
	30	01	42	38.1?	31.59	S	70.64	W	33	N		0.5	5	CHILE-ARGENTINA BORDER REGION
	30	01	57	21.3*	34.524	N	87.776	E	33	N	4.4	1.4	11	TIBET
	30	02	13	49.3%	39.108	N	28.158	E	10	G		0.5	6	TURKEY
	30	02	48	31.9?	40.89	N	28.36	E	10	G		0.2	4	TURKEY
	30	04	02	52.0%	39.396	N	28.280	E	10	G		1.0	5	TURKEY
	30	04	39	06.0	51.351	N	176.691	W	33	N	4.5	1.1	31	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) on Adak.
	30	05	14	01.4	42.051	N	22.128	E	10	G	3.4	1.1	15	BULGARIA. ML 3.2 (TTG).
	30	05	49	01.2*	51.600	N	175.970	W	33	N	4.4	0.9	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	06	06	19.9?	7.66	S	116.42	E	171	?	4.8	1.3	12	BALI SEA
a	30	06	23	46.9	51.259	N	176.167	W	33	N	5.1 4.7	1.0	104	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR). Felt (III) on Adak.
	30	06	28	01.9?	51.54	N	176.60	W	33	N	4.2	1.1	10	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR). Felt (II) on Adak.
	30	06	33	54.5*	51.096	N	176.115	W	33	N	4.0	0.9	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	06	55	09.4*	51.117	N	176.124	W	33	N	4.2	0.9	17	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR). Felt (II) on Adak.
	30	06	58	37.8*	51.180	N	176.155	W	33	N	4.4	1.1	20	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
	30	07	17	15.1*	40.787	N	30.144	E	10	G		0.6	5	TURKEY
	30	07	33	54.6*	38.173	N	20.197	E	10	G	3.8	1.5	16	GREECE. ML 3.6 (ATH).
	30	07	39	36.1*	18.652	N	145.581	E	227	*	4.9	0.9	33	MARIANA ISLANDS

	30	08 26 06.7*	31.843	S	72.902	W	33	N			1.1	8	OFF COAST OF CENTRAL CHILE
	30	09 25 31.8?	39.14	N	27.54	E	10	G			0.3	4	TURKEY
	30	09 49 50.2?	31.92	S	69.00	W	109	?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	30	11 00 05.9&	37.842	N	121.763	W	11					17	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK). Mo=2.7*10**21 (BRK). Felt at Alamo, Berkeley, Danville and Richmond.
	30	11 03 38.0%	40.829	N	28.214	E	10	G			1.1	7	TURKEY
	30	11 57 55.4*	0.571	N	122.154	E	129	*	4.1		1.2	15	MINAHASSA PENINSULA
	30	12 17 44.5%	39.400	N	28.313	E	10	G			1.0	8	TURKEY
	30	12 22 13.8?	44.97	N	28.53	E	10	G			1.2	5	ROMANIA
	30	14 22 26.7*	17.639	S	167.522	E	33	N	4.5		1.4	6	VANUATU ISLANDS
	30	14 58 14.6%	37.885	N	28.751	E	10	G			0.2	5	TURKEY
	30	15 00 57.5%	37.807	N	28.623	E	10	G			1.0	5	TURKEY
	30	15 27 17.9*	5.960	N	82.590	W	10	G	4.4	3.9	1.2	17	SOUTH OF PANAMA
	30	16 35 22.9*	45.716	N	13.588	E	0	G			0.4	5	NORTHERN ITALY. ML 3.0 (KBA). Prabable explasian.
	30	18 04 08.5	3.008	S	138.834	E	43	*	4.7		1.2	27	WEST IRIAN
	30	18 07 56.1*	51.194	N	2.879	E	10	G			0.4	9	NORTH SEA
	30	19 55 51.2&	34.706	N	96.752	W	5	G				2	OKLAHOMA. <TUL>. MD 2.3 (TUL).
	30	20 02 33.7	43.832	N	16.222	E	10	G			0.8	9	YUGOSLAVIA. MD 3.1 (TRI).
	30	20 09 58.9*	10.059	N	72.005	W	33	N			1.0	6	VENEZUELA. Felt at Maracaibo.
	30	22 43 34.8	11.347	N	86.090	W	33	N	4.8		1.3	43	NEAR COAST OF NICARAGUA
	30	22 47 14.7	41.256	N	77.521	E	33	N	4.2		0.4	20	KIRGHIZ-XINJIANG BORDER REGION
a	30	22 52 12.4	11.254	N	86.035	W	64		5.4		1.0	227	NEAR COAST OF NICARAGUA. Ms 5.8 (BRK), 5.3 (PAS). mb 5.7 (PAS). Felt strongly at Managua and in northern Costa Rica. Felt at San Jose, Costa Rica.
	30	23 25 32.4*	16.185	S	30.632	E	10	G			1.2	5	ZIMBABWE. MG 3.2 (BUL). Felt at Guruve.
	30	23 32 32.0%	40.869	N	28.256	E	10	G			1.0	8	TURKEY
	30	23 44 35.2*	51.420	N	177.132	W	33	N	4.7		1.4	33	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	23 47 54.3?	46.10	N	14.99	E	10	G			0.3	5	YUGOSLAVIA. MD 2.6 (TRI), ML 2.5 (KBA). Felt in the Hrastnik area.
	30	23 59 45.3*	11.339	N	86.104	W	33	N	4.6	4.4	1.2	24	NEAR COAST OF NICARAGUA

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

02 01 31 09.87 7.015S 154.484E 16km
5.9mb (40 obs.) 5.7Msz (13 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=82 Slip= -5
NP2: 256 85 -172
Principal Axes:
T Plg= 2 Azm= 30
P 9 121
Comment: The facal mechanism is paorly cantrolled and carrespands ta strike-slip faulting with a small narmal campanent. The preferred fault plane is nat determined.
MOMENT TENSOR SOLUTION
Dep 12 No. af sta: 4
Principal Axes:
Scale 10**24 d-cm
T Val= 8.11 Plg=18 Azm= 33
N 0.14 69 183
P -8.24 10 299
Best Double Cauple:Mo=8.2*10**24
NP1:Strike= 75 Dip=70 Slip= 174
NP2: 167 84 20
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C
Centroid Location:
Origin Time 01:31:13.7 0.3
Lat 7.34S 0.03 Lan 154.57E 0.03
Dep 15.0 BDY Half-duratian 3.4
Principal Axes:
Scale 10**24 D-CM
T Val= 10.83 Plg= 8 Azm= 27
N -2.46 80 245
P -8.37 6 118
Best Double Cauple:Mo=9.6*10**24
NP1:Strike=163 Dip=80 Slip= 1
NP2: 72 89 170

02 03 56 24.39 29.805N 130.603E 54km
5.1mb (28 obs.) 5.8Msz (7 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 18C
Centroid Location:
Origin Time 03:56:26.3 0.6
Lat 29.58N 0.06 Lan 130.67E 0.10
Dep 26.3 3.9 Half-duratian 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 3.30 Plg=61 Azm=331
N 0.30 8 225
P -3.59 27 131
Best Double Cauple:Mo=3.4*10**24
NP1:Strike=201 Dip=19 Slip= 64
NP2: 48 73 99

02 14 21 34.35 23.907N 123.362E 39km
5.2mb (46 obs.) 5.2Msz (2 obs.)
SOUTHWESTERN RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 14:21:35.3 0.4
Lat 23.39N 0.04 Lan 123.61E 0.07
Dep 34.4 4.0 Half-duratian 1.7
Principal Axes:
Scale 10**24 D-CM
T Val= 1.06 Plg=81 Azm=307
N -0.15 5 66
P -0.92 8 157
Best Double Couple:Mo=1.0*10**24
NP1:Strike=252 Dip=37 Slip= 97
NP2: 63 53 84

02 17 51 54.95 9.117N 93.489E 80km
5.7mb (104 obs.)
NICOBAR ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 29C
Centroid Location:
Origin Time 17:51:58.0 0.5
Lat 9.44N 0.04 Lan 93.50E 0.03
Dep 79.4 1.9 Half-duratian 3.3
Principal Axes:
Scale 10**24 D-CM
T Val= 7.27 Plg=46 Azm= 94
N 1.02 39 243
P -8.29 16 346
Best Double Cauple:Mo=7.8*10**24
NP1:Strike=118 Dip=45 Slip= 154
NP2: 227 72 48

03 00 54 44.91 5.665S 151.760E 67km
5.7mb (44 obs.)
NEW BRITAIN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 31C
Centroid Location:
Origin Time 00:54:46.1 0.3
Lat 5.89S 0.03 Lan 151.93E 0.03
Dep 40.3 2.3 Half-duratian 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 4.25 Plg=66 Azm=314
N -0.67 17 88
P -3.58 16 183
Best Double Couple:Mo=3.9*10**24
NP1:Strike=296 Dip=32 Slip= 123
NP2: 79 63 71

03 14 40 09.77 10.378N 125.964E 67km
5.7mb (55 obs.)
LEYTE, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 14:40: 9.2 0.3
Lat 10.14N 0.03 Lan 126.21E 0.03
Dep 30.0 BDY Half-duratian 3.7
Principal Axes:
Scale 10**25 D-CM
T Val= 1.27 Plg=68 Azm=319
N 0.21 15 184
P -1.48 15 90
Best Double Cauple:Mo=1.4*10**25
NP1:Strike=160 Dip=33 Slip= 61
NP2: 13 61 108

03 19 34 40.34 20.732S 177.935W 502km
5.5mb (35 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 14C
Centroid Location:
Origin Time 19:34:43.3 1.1
Lat 21.00S 0.17 Lan 178.04W 0.13
Dep 504.7 6.1 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 9.37 Plg=21 Azm= 68
N -3.55 20 166
P -5.81 60 296
Best Double Cauple:Mo=7.6*10**23
NP1:Strike=127 Dip=30 Slip=-134
NP2: 354 69 -68

03 23 30 55.20 10.227N 103.629W 10km
5.0mb (12 obs.) 5.4Msz (1 obs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 13C
Centroid Location:
Origin Time 23:30:59.8 0.8
Lat 10.73N 0.09 Lan 103.79W 0.10
Dep 15.0 FIX Half-duratian 2.3
Principal Axes:
Scale 10**24 D-CM
T Val= 2.75 Plg= 4 Azm=121
N 0.04 69 21
P -2.79 20 212
Best Double Cauple:Mo=2.8*10**24
NP1:Strike=255 Dip=73 Slip= -12
NP2: 348 79 -163

04 15 48 20.80 65.636N 152.604W 10km
5.2mb (45 obs.) 4.7Msz (5 obs.)
ALASKA
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 9S, 22C
Centroid Location:
Origin Time 15:48:26.7 0.7
Lat 65.84N 0.09 Lon 153.01W 0.17
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM
T Val= 1.16 Plg= 6 Azm=231
N 0.43 67 334
P -1.59 22 139
Best Double Couple:Mo=1.4*10**24
NP1:Strike=277 Dip=71 Slip=-168
NP2: 183 79 -20

04 16 20 59.52 23.951N 121.739E 20km
5.1mb (36 obs.) 5.3Msz (2 abs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 14C
Centroid Location:
Origin Time 16:20:58.1 1.4
Lat 23.40N 0.12 Lon 122.12E 0.14
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 9.99 Plg=66 Azm=264
N -0.54 16 34
P -9.45 17 129
Best Double Couple:Mo=9.7*10**23
NP1:Strike=242 Dip=31 Slip= 122
NP2: 26 64 72

05 00 17 48.61 20.208S 178.869E 536km
5.2mb (35 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 13C
Centroid Location:
Origin Time 00:17:57.3 1.6
Lat 19.79S 0.13 Lon 178.46E 0.14
Dep 574.2 5.9 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 8.58 Plg= 4 Azm=345
N -1.65 81 97
P -6.93 9 254
Best Double Couple:Mo=7.8*10**23
NP1:Strike= 30 Dip=81 Slip=-176
NP2: 299 86 -9

05 09 01 15.45 36.351S 97.382W 10km
5.1mb (11 obs.) 5.3Msz (5 abs.)
WEST CHILE RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 31C
Centroid Location:
Origin Time 09:01:20.3 0.2
Lat 36.29S 0.03 Lon 97.12W 0.04
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**24 D-CM
T Val= 5.30 Plg= 0 Azm=226
N -0.81 90 180
P -4.50 0 136
Best Double Couple:Mo=4.9*10**24
NP1:Strike=271 Dip=90 Slip= 180
NP2: 1 90 0

05 20 27 03.12 51.503N 174.255W 33km
5.4mb (65 obs.) 4.8Msz (8 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 20:27: 7.7 1.0
Lat 51.79N 0.10 Lon 174.33W 0.18
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 9.61 Plg=61 Azm=328
N 0.84 2 62
P -10.45 29 153
Best Double Couple:Mo=1.0*10**24
NP1:Strike=251 Dip=16 Slip= 99
NP2: 61 74 87

06 04 00 59.87 56.814S 140.957W 10km
5.4mb (6 obs.) 5.0Msz (1 abs.)
SOUTH PACIFIC CORDILLERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 04:01: 8.5 0.3
Lat 57.08S 0.06 Lon 140.59W 0.08
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 2.19 Plg= 5 Azm=341
N 0.68 62 80
P -2.87 28 249
Best Double Couple:Mo=2.5*10**24
NP1:Strike= 28 Dip=67 Slip=-163
NP2: 292 74 -24

06 10 39 46.93 38.001N 37.917E 10km
5.6mb (80 obs.) 5.6Msz (11 obs.)
TURKEY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 10:39:49.2 0.8
Lat 37.36N 0.07 Lon 37.99E 0.08
Dep 15.0 BDY Half-duration 2.9
Principal Axes:
Scale 10**24 D-CM
T Val= 4.96 Plg= 0 Azm=115
N 2.85 90 180
P -7.81 0 25
Best Double Couple:Mo=6.4*10**24
NP1:Strike=160 Dip=90 Slip= 180
NP2: 250 90 0

06 21 43 59.81 25.832N 124.485E 169km
5.1mb (57 obs.)
NORTHEAST OF TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 14C
Centroid Location:
Origin Time 21:44: 3.4 1.2
Lat 25.46N 0.11 Lon 124.45E 0.20
Dep 162.7 6.6 Half-duration 1.4
Principal Axes:
Scale 10**23 D-CM
T Val= 5.15 Plg=10 Azm=238
N -0.05 38 140
P -5.11 50 340
Best Double Couple:Mo=5.1*10**23
NP1:Strike= 4 Dip=48 Slip= -34
NP2: 119 65 -133

07 04 18 20.02 22.348S 170.338E 23km
5.3mb (24 obs.) 4.8Msz (5 abs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 22C
Centroid Location:
Origin Time 04:18:29.1 1.0
Lat 22.20S 0.11 Lon 169.91E 0.10
Dep 15.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 13.67 Plg=39 Azm= 34
N -5.07 43 256
P -8.60 23 144
Best Double Couple:Mo=1.1*10**24
NP1:Strike=186 Dip=44 Slip= 14
NP2: 86 80 133

08 04 25 04.56 36.483N 142.793E 20km
5.0mb (32 obs.) 5.3Msz (2 abs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 04:25: 9.2 1.8
Lat 36.48N 0.16 Lon 142.64E 0.21
Dep 22.0 9.3 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 6.20 Plg=61 Azm=277
N -0.01 7 20
P -6.19 28 114
Best Double Couple:Mo=6.2*10**23
NP1:Strike=223 Dip=18 Slip= 113
NP2: 18 73 83

08 04 55 01.52 36.069N 21.555E 27km
5.2mb (65 obs.) 4.9Msz (2 abs.)
SOUTHERN GREECE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 14C
Centroid Location:
Origin Time 04:55:15.8 3.2
Lat 36.67N 0.30 Lon 22.20E 0.18
Dep 29.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM
T Val= 5.48 Plg=78 Azm=215
N 1.01 2 113
P -6.50 11 23
Best Double Couple:Mo=6.0*10**23
NP1:Strike=109 Dip=34 Slip= 86
NP2: 295 56 93

08 11 02 25.87 43.269N 146.491E 56km
6.0mb (71 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=85 Slip= 130
NP2: 161 40 8
Principal Axes:
T Plg=37 Azm= 10
P 29 124
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 56 No. of sta: 14
Principal Axes:
Scale 10**25 d-cm
T Val= 1.38 Plg=34 Azm= 10
N -0.06 43 241
P -1.32 28 120
Best Double Couple:Mo=1.4*10**25
NP1:Strike=157 Dip=43 Slip= 5
NP2: 64 87 133
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Location:
Origin Time 11:02:29.5 0.2
Lat 42.95N 0.03 Lon 146.48E 0.04
Dep 69.5 2.7 Half-duration 3.7
Principal Axes:
Scale 10**24 D-CM
T Val= 10.20 Plg=46 Azm= 4
N 0.61 24 247
P -10.81 34 139
Best Double Couple:Mo=1.1*10**25
NP1:Strike=173 Dip=25 Slip= 15
NP2: 69 84 114

09 02 17 38.24 54.142N 168.132W 33km
5.0mb (24 obs.) 4.7Msz (4 abs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Location:
Origin Time 02:17:42.5 0.6
Lat 54.59N 0.07 Lon 168.10W 0.08
Dep 49.5 5.7 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 8.46 Plg= 4 Azm=250
N 0.08 86 70
P -8.55 0 160
Best Double Couple:Mo=8.5*10**23
NP1:Strike=295 Dip=87 Slip= 177
NP2: 25 87 3

11 02 59 01.40 2.100S 139.279E 33km
5.5mb (42 obs.) 5.8Msz (14 obs.)
NEAR N. COAST OF WEST IRIAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 02:59: 9.4 0.5
Lat 1.30S 0.06 Lon 139.10E 0.04
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 5.61 Plg=40 Azm=162
N 1.42 45 311

P -7.02 16 58
Best Double Couple:Ma=6.3*10**24
NP1:Strike=192 Dip=49 Slip= 160
NP2: 295 75 43

1 06 18 18.06 15.449S 179.227W 18km
5.6mb (35 obs.) 5.7Msz (10 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 29C
Centroid Location:
Origin Time 06:18:24.4 0.2
Lat 15.26S 0.03 Lon 179.28W 0.02
Dep 15.0 FIX Half-duration 3.7
Principal Axes:
Scale 10**25 D-CM
T Val= 1.05 Plg=12 Azm=132
N 0.20 63 18
P -1.25 24 228
Best Double Couple:Mo=1.1*10**25
NP1:Strike=268 Dip=64 Slip= -9
NP2: 2 82 -154

1 13 48 01.39 10.597N 62.928W 19km
6.0mb (64 obs.) 6.2Msz (22 obs.)
NEAR COAST OF VENEZUELA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=86 Slip= 20
NP2: 84 70 176
Principal Axes:
T Plg=17 Azm= 41
P 11 308
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 15
Principal Axes:
Scale 10**25 d-cm
T Val= 3.03 Plg=24 Azm= 58
N -0.01 60 199
P -3.01 17 320
Best Double Couple:Mo=3.0*10**25
NP1:Strike= 98 Dip=61 Slip= 174
NP2: 190 85 30
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 38C M.W.: 8S, 21C
Centroid Location:
Origin Time 13:48:11.0 0.2
Lat 10.70N 0.03 Lon 62.93W 0.02
Dep 20.0 BDY Half-duration 5.3
Principal Axes:
Scale 10**25 D-CM
T Val= 2.97 Plg=15 Azm= 50
N -0.06 48 157
P -2.90 38 308
Best Double Couple:Ma=2.9*10**25
NP1:Strike= 97 Dip=52 Slip=-161
NP2: 354 75 -40

1 20 15 42.11 40.245N 51.665E 47km
5.1mb (60 obs.) 4.7Msz (3 obs.)
CASPIAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 20:15:44.9 0.5
Lat 40.17N 0.08 Lon 51.83E 0.08
Dep 50.3 5.8 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 8.16 Plg= 7 Azm=224
N -0.55 22 317
P -7.62 67 118
Best Double Couple:Ma=7.9*10**23
NP1:Strike=291 Dip=43 Slip=-123
NP2: 153 55 -63

2 09 26 49.82 14.437N 121.843E 33km
5.0mb (14 obs.) 5.3Msz (1 obs.)
LUZON, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 16C
Centroid Location:
Origin Time 09:26:47.2 0.8
Lat 14.86N 0.09 Lon 121.51E 0.11
Dep 33.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 9.28 Plg=31 Azm=191
N -2.09 59 7
P -7.19 2 100
Best Double Couple:Mo=8.2*10**23
NP1:Strike=231 Dip=67 Slip= 158
NP2: 329 70 24

12 13 40 46.78 7.019S 129.497E 116km
5.5mb (31 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 13:40:53.9 0.8
Lat 6.85S 0.08 Lon 129.57E 0.06
Dep 140.0 1.9 Half-duration 2.2
Principal Axes:
Scale 10**24 D-CM
T Val= 2.50 Plg=42 Azm=264
N -0.65 45 55
P -1.85 15 160
Best Double Couple:Mo=2.2*10**24
NP1:Strike=293 Dip=49 Slip= 158
NP2: 38 73 43

14 03 50 25.62 57.873S 23.384W 33km
5.9mb (21 obs.) 5.0Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 03:50:30.4 0.3
Lat 57.69S 0.04 Lon 23.24W 0.08
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**24 D-CM
T Val= 2.92 Plg=17 Azm=268
N -0.96 2 177
P -1.96 73 82
Best Double Couple:Ma=2.4*10**24
NP1:Strike= 0 Dip=28 Slip= -87
NP2: 176 62 -92

14 14 51 03.55 2.041N 97.997E 66km
5.4mb (71 obs.)
NORTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 14:51: 6.7 0.8
Lat 1.86N 0.08 Lon 97.48E 0.06
Dep 44.9 5.4 Half-duration 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 8.00 Plg=69 Azm=354
N 0.90 18 141
P -8.90 11 234
Best Double Couple:Ma=8.4*10**23
NP1:Strike=345 Dip=38 Slip= 120
NP2: 129 58 69

14 15 33 56.93 5.651S 110.343E 563km
5.5mb (33 obs.)
JAVA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 28C
Centroid Location:
Origin Time 15:34: 2.3 0.6
Lat 5.44S 0.04 Lon 110.38E 0.05
Dep 578.8 2.3 Half-duration 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 4.32 Plg=14 Azm= 44
N -0.10 23 140
P -4.22 63 286
Best Double Couple:Mo=4.3*10**24
NP1:Strike=106 Dip=37 Slip=-130
NP2: 333 63 -64

14 23 29 23.38 19.096S 169.776E 16km
5.3mb (22 obs.) 5.6Msz (12 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C
Centroid Location:
Origin Time 23:29:31.6 0.3
Lat 18.93S 0.04 Lon 169.62E 0.03
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 5.56 Plg= 0 Azm= 38
N 0.55 2 308
P -6.11 88 136
Best Double Couple:Mo=5.8*10**24
NP1:Strike=130 Dip=45 Slip= -87
NP2: 306 45 -93

15 03 10 57.19 29.872S 176.543W 10km
5.3mb (16 obs.) 6.0Msz (15 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C
Centroid Location:
Origin Time 03:11: 5.3 0.4
Lat 29.87S 0.04 Lon 176.29W 0.04
Dep 15.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**24 D-CM
T Val= 4.23 Plg=73 Azm=291
N 0.68 0 200
P -4.91 17 110
Best Double Couple:Mo=4.6*10**24
NP1:Strike=200 Dip=28 Slip= 89
NP2: 21 62 90

15 23 58 44.35 0.831N 26.805W 10km
4.9mb (34 obs.) 4.9Msz (7 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C
Centroid Location:
Origin Time 23:58:55.2 0.3
Lat 1.16N 0.03 Lon 26.46W 0.02
Dep 15.0 FIX Half-duration 2.3
Principal Axes:
Scale 10**24 D-CM
T Val= 2.21 Plg= 0 Azm=216
N 0.02 90 180
P -2.23 0 126
Best Double Couple:Mo=2.2*10**24
NP1:Strike=261 Dip=90 Slip= 180
NP2: 351 90 0

16 04 52 08.43 49.142S 121.335E 10km
4.8mb (5 obs.) 5.1Msz (3 obs.)
SOUTH OF AUSTRALIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 04:52:10.9 0.5
Lat 49.47S 0.08 Lon 120.97E 0.10
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 11.06 Plg=17 Azm= 63
N -1.70 68 201
P -9.36 14 329
Best Double Couple:Ma=1.0*10**24
NP1:Strike=106 Dip=68 Slip= 178
NP2: 196 88 22

16 10 48 25.78 22.037S 178.925W 547km
6.3mb (36 obs.)
SOUTH OF FIJI ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=65 Slip=-100
NP2: 228 27 -70
Principal Axes:
T Plg=19 Azm=122
P 68 275
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a small left-lateral strike-slip component. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 546 No. of sta: 11
Principal Axes:
Scale 10**26 d-cm
T Val= 5.19 Plg=19 Azm=108
N 0.01 7 16
P -5.20 69 266
Best Double Couple:Ma=5.2*10**26

NP1:Strike=211 Dip=27 Slip= -73
NP2: 12 65 -98
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 50C M.W.: 12S, 31C
Centroid Locotion:
Origin Time 10:48:35.6 0.1
Lot 21.86S 0.01 Lon 178.87W 0.01
Dep 564.8 1.0 Half-duration 12.6
Principal Axes:
Scale 10**26 D-CM
T Val= 3.98 Plg=27 Azm=135
N 1.02 6 42
P -5.00 62 300
Best Double Couple:Mo=4.5*10**26
NP1:Strike=241 Dip=19 Slip= -70
NP2: 40 72 -97

16 17 15 10.07 47.282S 13.324W 10km
5.3mb (28 obs.) 5.5Msz (9 obs.)
SOUTH ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 10S, 24C
Centraid Location:
Origin Time 17:15:15.4 0.8
Lat 47.17S 0.05 Lon 13.73W 0.10
Dep 15.0 FIX Half-durotion 2.8
Principol Axes:
Scale 10**24 D-CM
T Val= 5.65 Plg= 4 Azm= 74
N -0.81 8 343
P -4.85 81 187
Best Double Couple:Mo=5.3*10**24
NP1:Strike=173 Dip=42 Slip= -77
NP2: 336 49 -101

17 00 42 35.40 53.880N 160.388E 33km
5.9mb (74 obs.) 4.8Msz (8 obs.)
NEAR EAST COAST OF KAMCHATKA
MOMENT TENSOR SOLUTION
Dep 45 No. of sta: 14
Principal Axes:
Scale 10**24 d-cm
T Val= 1.62 Plg=80 Azm=319
N 0.45 2 218
P -2.07 10 128
Best Double Couple:Mo=1.8*10**24
NP1:Strike=215 Dip=35 Slip= 86
NP2: 39 55 92
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 14S, 31C
Centroid Location:
Origin Time 00:42:41.5 0.5
Lat 53.56N 0.04 Lon 161.15E 0.07
Dep 58.7 1.9 Half-durotion 2.0
Principal Axes:
Scole 10**24 D-CM
T Val= 1.75 Plg=80 Azm=299
N 0.33 1 35
P -2.08 10 125
Best Double Couple:Mo=1.9*10**24
NP1:Strike=217 Dip=35 Slip= 92
NP2: 34 55 89

17 08 48 19.08 4.406N 32.622W 10km
5.1mb (41 obs.) 4.9Msz (7 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 08:48:28.2 0.6
Lot 4.55N 0.07 Lon 32.55W 0.06
Dep 15.0 FIX Holf-durotion 1.5
Principol Axes:
Scole 10**23 D-CM
T Val= 9.25 Plg= 8 Azm= 87
N -0.31 10 178
P -8.94 77 317
Best Double Couple:Mo=9.1*10**23
NP1:Strike=165 Dip=38 Slip=-106
NP2: 5 54 -78

17 10 38 17.26 5.776N 126.742E 33km
5.9mb (69 obs.) 5.5Msz (12 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=124 Dip=88 Slip= 25
NP2: 33 65 178
Principal Axes:
T Plg=19 Azm=351
P 16 256
Comment: The focol mechanism is moderately well controlled ond corresponds to strike-slip faulting with o moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 65 No. of sta: 6
Principal Axes:
Scole 10**25 d-cm
T Val= 1.73 Plg=26 Azm=339
N -0.01 63 155
P -1.72 2 248
Best Double Couple:Mo=1.7*10**25
NP1:Strike= 20 Dip=70 Slip= 162
NP2: 117 73 21
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 12S, 27C
Centroid Locotion:
Origin Time 10:38:22.1 0.4
Lat 5.47N 0.04 Lon 126.91E 0.03
Dep 65.0 BDY Half-duration 3.8
Principal Axes:
Scale 10**24 D-CM
T Val= 9.98 Plg=18 Azm=341
N 1.74 63 113
P -11.72 19 245
Best Double Couple:Mo=1.1*10**25
NP1:Strike= 23 Dip=63 Slip=-180
NP2: 293 90 -27

17 12 19 20.84 20.346S 68.041E 10km
5.5mb (49 obs.) 5.3Msz (2 obs.)
MID-INDIAN RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 12:19:28.4 0.7
Lat 20.01S 0.10 Lon 68.41E 0.09
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM
T Val= 1.30 Plg= 6 Azm=259
N 0.01 18 351
P -1.31 71 150
Best Double Cauple:Mo=1.3*10**24
NP1:Strike=330 Dip=42 Slip=-117
NP2: 184 54 -68

17 18 13 11.55 5.644N 125.259E 32km
6.2mb (76 obs.) 6.4Msz (29 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=70 Slip= 107
NP2: 158 26 51
Principal Axes:
T Plg=61 Azm=316
P 23 97
Comment: The focol mechanism is moderately well controlled and corresponds to reverse foulting with a moderote strike-slip component. The preferred foult plane is NP2.
MOMENT TENSOR SOLUTION
Dep 40 No. of sto: 9
Principal Axes:
Scale 10**25 d-cm
T Vol= 8.74 Plg=60 Azm=301
N -0.55 12 190
P -8.19 27 93
Best Double Couple:Mo=8.5*10**25
NP1:Strike=156 Dip=21 Slip= 55
NP2: 13 73 102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C M.W.: 7S, 19C
Centroid Locotion:
Origin Time 18:13:17.4 0.2
Lat 5.62N 0.02 Lon 125.39E 0.01
Dep 39.8 1.0 Half-duration 6.4
Principal Axes:
Scale 10**25 D-CM
T Val= 5.89 Plg=66 Azm=323
N 0.17 21 177
P -6.06 12 82
Best Double Couple:Mo=6.0*10**25
NP1:Strike=147 Dip=37 Slip= 54
NP2: 9 61 114

18 08 05 15.45 51.356N 176.653W 27km
5.8mb (87 obs.) 6.3Msz (25 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 57 Dip=65 Slip= 90
NP2: 237 25 90
Principal Axes:
T Plg=70 Azm=327
P 20 147
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred foult plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 48C M.W.: 8S, 19C
Centroid Location:
Origin Time 08:05:19.1 0.2
Lat 51.71N 0.01 Lon 176.54W 0.03
Dep 44.5 0.9 Half-duration 6.3
Principal Axes:
Scale 10**25 D-CM
T Val= 5.96 Plg=68 Azm=302
N -0.30 11 60
P -5.66 19 154
Best Double Couple:Mo=5.8*10**25
NP1:Strike=261 Dip=28 Slip= 113
NP2: 55 64 78

19 06 58 37.84 14.076S 166.632E 73km
5.2mb (15 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 28C
Centroid Location:
Origin Time 06:58:38.6 0.4
Lat 14.19S 0.06 Lon 166.57E 0.05
Dep 35.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM
T Val= 1.38 Plg=74 Azm=358
N 0.28 16 167
P -1.66 3 258
Best Double Couple:Mo=1.5*10**24
NP1:Strike= 4 Dip=45 Slip= 113
NP2: 153 50 69

19 09 09 09.21 56.331N 152.914W 17km
6.0mb (87 obs.) 6.3Msz (22 obs.)
KODIAK ISLAND REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 33 Dip=78 Slip= 90
NP2: 213 12 90
Principal Axes:
T Plg=57 Azm=303
P 33 123
Comment: The focol mechanism is poorly controlled ond corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 1 No. of sta: 17
Principal Axes:
Scole 10**26 d-cm
T Val= 1.56 Plg=60 Azm=295
N 0.15 13 48
P -1.72 27 145
Best Double Couple:Mo=1.6*10**26
NP1:Strike=265 Dip=22 Slip= 128
NP2: 44 73 76
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 14S, 34C
Centroid Location:
Origin Time 09:09:15.5 0.3
Lat 55.93N 0.05 Lon 152.45W 0.06
Dep 15.0 FIX Half-durotion 5.5
Principol Axes:
Scole 10**25 D-CM
T Val= 3.69 Plg=52 Azm=335
N 0.26 3 241
P -3.95 38 148
Best Double Couple:Mo=3.8*10**25
NP1:Strike=215 Dip= 7 Slip= 64
NP2: 61 83 93

19 17 18 58.21 36.108S 100.700W 10km
4.9mb (5 obs.) 4.6Msz (1 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 12S, 32C
Centroid Location:
Origin Time 17:19: 2.0 0.3
Lat 36.26S 0.05 Lon 100.66W 0.06
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	1.60	5	49
N	-0.10	83	186
P	-1.50	5	319

Best Double Couple:Mo=1.6*10**24
NP1:Strike= 94 Dip=83 Slip= 180
NP2: 184 90 7

19 18 12 27.84 7.799N 94.517E 164km
5.9mb (75 obs.)
NICOBAR ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=67 Slip= -80
NP2: 276 25 -112
Principal Axes:

	Plg=	Azm=
T	21	202
P	67	48

Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a small strike-slip component. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 158 No. of sta: 7
Principal Axes:
Scale 10**24 d-cm

	Val=	Plg=	Azm=
T	6.92	13	192
N	0.03	17	286
P	-6.94	68	65

Best Double Couple:Mo=6.9*10**24
NP1:Strike=260 Dip=35 Slip=-120
NP2: 116 60 -71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 34C
Centroid Location:
Origin Time 18:12:32.8 0.2
Lat 7.90N 0.03 Lon 94.40E 0.03
Dep 181.3 1.0 Half-duration 3.5
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	8.65	23	204
N	0.52	18	302
P	-9.18	60	66

Best Double Couple:Mo=8.9*10**24
NP1:Strike=263 Dip=27 Slip=-132
NP2: 128 70 -71

19 20 01 43.52 30.224S 178.085W 33km
5.7mb (31 obs.) 5.4Msz (5 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 20:01:51.7 0.7
Lat 30.12S 0.07 Lon 177.92W 0.07
Dep 46.5 5.0 Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	1.25	77	225
N	0.37	11	13
P	-1.62	7	105

Best Double Couple:Mo=1.4*10**24
NP1:Strike=207 Dip=39 Slip= 108
NP2: 5 53 76

19 21 57 24.33 16.943S 65.426W 20km
5.4mb (48 obs.) 5.2Msz (5 obs.)
BOLIVIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 28C
Centroid Location:
Origin Time 21:57:32.7 0.4
Lat 16.68S 0.06 Lon 65.62W 0.06
Dep 15.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	9.59	79	320
N	1.36	11	136
P	-10.95	1	226

Best Double Couple:Mo=1.0*10**24
NP1:Strike=327 Dip=45 Slip= 106
NP2: 125 47 74

19 23 18 26.81 30.944S 177.757W 10km
5.5mb (11 obs.) 6.3Msz (22 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 35C
Centroid Location:
Origin Time 23:18:35.3 0.3
Lat 30.86S 0.03 Lon 177.30W 0.03
Dep 15.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**25 D-CM

	Val=	Plg=	Azm=
T	1.44	68	278
N	0.26	4	19
P	-1.70	22	110

Best Double Couple:Mo=1.6*10**25
NP1:Strike=208 Dip=24 Slip= 100
NP2: 17 67 85

20 02 37 52.95 32.213S 179.077W 10km
5.5mb (12 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 02:38: 9.3 0.6
Lat 32.60S 0.08 Lon 178.73W 0.11
Dep 26.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	2.51	48	297
N	0.00	2	29
P	-2.51	41	120

Best Double Couple:Mo=2.5*10**24
NP1:Strike=238 Dip= 4 Slip= 119
NP2: 29 86 88

20 07 00 05.51 81.756N 119.801E 10km
4.9mb (35 obs.) 4.0Msz (1 obs.)
EAST OF SEVERNAYA ZEMLYA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 26C
Centroid Location:
Origin Time 07:00: 7.7 1.0
Lat 81.70N 0.17 Lon 122.63E 0.88
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	2.98	14	253
N	-0.36	9	161
P	-2.62	73	39

Best Double Couple:Mo=2.8*10**23
NP1:Strike=356 Dip=32 Slip= -73
NP2: 156 60 -100

20 17 12 46.94 31.240N 86.847E 33km
5.9mb (71 obs.) 6.1Msz (20 obs.)
TIBET
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=135 Dip=88 Slip=-175
NP2: 45 85 -2
Principal Axes:

	Plg=	Azm=
T	2	270
P	5	0

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 9
Principal Axes:
Scale 10**25 d-cm

	Val=	Plg=	Azm=
T	1.61	5	101
N	0.00	84	258
P	-1.61	2	11

Best Double Couple:Mo=1.6*10**25
NP1:Strike=146 Dip=85 Slip= 178
NP2: 236 88 5
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 36C
Centroid Location:
Origin Time 17:12:51.7 0.3
Lat 30.82N 0.03 Lon 86.77E 0.04
Dep 15.0 BDY Half-duration 4.4
Principal Axes:
Scale 10**25 D-CM

	Val=	Plg=	Azm=
T	1.45	6	276
N	-0.03	77	160
P	-1.42	12	7

Best Double Couple:Mo=1.4*10**25
NP1:Strike= 51 Dip=78 Slip= -4
NP2: 142 86 -168

20 18 41 28.81 58.600S 25.122W 33km
5.8mb (24 obs.) 5.6Msz (10 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 18:41:26.1 0.4
Lat 58.67S 0.07 Lon 26.36W 0.13
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	7.28	64	324
N	-1.14	8	218
P	-6.14	25	124

Best Double Couple:Mo=6.7*10**24
NP1:Strike=197 Dip=21 Slip= 68
NP2: 41 71 98

20 21 48 46.17 58.614S 25.066W 33km
5.3mb (10 obs.) 5.1Msz (5 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 33C
Centroid Location:
Origin Time 21:48:52.1 0.4
Lat 58.82S 0.05 Lon 24.93W 0.09
Dep 16.0 2.7 Half-duration 2.4
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	2.71	69	185
N	0.08	20	352
P	-2.79	4	84

Best Double Couple:Mo=2.8*10**24
NP1:Strike=194 Dip=44 Slip= 120
NP2: 335 53 64

21 19 33 14.03 58.637S 24.959W 33km
5.0mb (7 obs.) 4.9Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 29C
Centroid Location:
Origin Time 19:33:18.2 0.4
Lat 58.88S 0.06 Lon 24.77W 0.12
Dep 29.2 4.4 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM

	Val=	Plg=	Azm=
T	7.88	74	353
N	-1.36	6	240
P	-6.52	15	149

Best Double Couple:Mo=7.2*10**23
NP1:Strike=230 Dip=31 Slip= 78
NP2: 64 60 97

21 22 33 12.75 20.024S 66.519E 10km
5.1mb (12 obs.) 4.6Msz (2 obs.)
MASCARENE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 31C
Centroid Location:
Origin Time 22:33:22.5 0.4
Lat 19.86S 0.05 Lon 66.43E 0.04
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM

	Val=	Plg=	Azm=
T	1.77	0	201
N	-0.33	90	180
P	-1.44	0	111

Best Double Couple:Mo=1.6*10**24
NP1:Strike=246 Dip=90 Slip= 180
NP2: 336 90 0

22 05 28 52.83 51.210N 175.176W 33km
4.9mb (41 obs.) 4.9Msz (9 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 05:28:56.9 0.7
Lat 51.51N 0.06 Lon 174.94W 0.10
Dep 32.2 3.5 Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM

T Val= 12.76 Plg=70 Azm=333
N 0.90 0 63
P -13.66 20 153
Best Double Couple:Mo=1.3*10**24
NP1:Strike=243 Dip=25 Slip= 90
NP2: 63 65 90

23 20 35 21.17 6.021S 148.948E 84km
5.6mb (21 obs.)
NEW BRITAIN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 25C
Centraid Lacatian:
Origin Time 20:35:24.3 1.1
Lat 6.36S 0.11 Lan 149.01E 0.09
Dep 99.7 4.7 Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 6.71 Plg=45 Azm= 10
N -0.02 42 166
P -6.68 12 267
Best Double Couple:Mo=6.7*10**23
NP1:Strike= 37 Dip=49 Slip= 152
NP2: 146 69 44

24 02 53 11.25 34.794N 140.595E 63km
6.1mb (105 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=333 Dip=73 Slip= 20
NP2: 237 71 162
Principal Axes:
T Plg=26 Azm=195
P 1 105
Comment: The facal mechanism is moderotely well contralled and corresponds to strike-slip faulting with a moderate reverse campanent. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 7 Na. of sta: 14
Principal Axes:
Scale 10**25 d-cm
T Val= 6.88 Plg=32 Azm=180
N -0.02 58 10
P -6.87 5 273
Best Double Couple:Mo=6.9*10**25
NP1:Strike=321 Dip=65 Slip= 20
NP2: 222 72 153
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 38C
Centroid Locatian:
Origin Time 02:53:18.3 0.2
Lat 35.11N 0.03 Lon 140.40E 0.02
Dep 59.0 1.4 Half-duration 7.5
Principal Axes:
Scale 10**25 D-CM
T Val= 8.91 Plg=25 Azm=182
N 0.95 63 340
P -9.87 9 88
Best Double Couple:Mo=9.4*10**25
NP1:Strike=222 Dip=66 Slip= 168
NP2: 317 79 25

24 03 11 30.93 4.448S 143.943E 102km
6.6mb (41 obs.) 7.1Msz (23 obs.)
PAPUA NEW GUINEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=113 Dip=73 Slip= 100
NP2: 262 20 60
Principal Axes:
T Plg=61 Azm= 38
P 27 195
Comment: The facal mechanism is poarly controlled and corresponds to reverse faulting with a small strike-slip campanent. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 36C M.W.: 9S, 22C
Centroid Location:
Origin Time 03:11:43.2 0.2
Lat 4.42S 0.02 Lon 143.64E 0.02
Dep 99.7 1.1 Half-duration 15.4
Principal Axes:
Scale 10**26 D-CM
T Val= 8.95 Plg=61 Azm= 13
N -1.07 8 117
P -7.88 27 211
Best Double Couple:Mo=8.4*10**26
NP1:Strike=320 Dip=19 Slip= 114
NP2: 115 73 82

24 06 56 54.59 0.085S 17.824W 22km
5.7mb (69 obs.) 6.0Msz (23 obs.)
NORTH OF ASCENSION ISLAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=100 Dip=78 Slip= 170
NP2: 192 80 12
Principal Axes:
T Plg=15 Azm= 56
P 2 326
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.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centraid Location:
Origin Time 06:57: 7.3 0.4
Lat 0.53N 0.04 Lon 17.41W 0.05
Dep 15.0 FIX Half-duratian 6.0
Principal Axes:
Scale 10**25 D-CM
T Val= 4.48 Plg=13 Azm= 38
N -0.35 75 191
P -4.13 6 307
Best Double Couple:Mo=4.3*10**25
NP1:Strike= 82 Dip=76 Slip= 175
NP2: 173 85 14

24 17 39 18.92 28.278S 178.127W 12km
5.5mb (21 obs.) 5.7Msz (11 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centroid Locatian:
Origin Time 17:39:25.4 0.6
Lat 28.18S 0.06 Lan 178.34W 0.06
Dep 15.0 FIX Half-duratian 3.0
Principal Axes:
Scale 10**24 D-CM
T Val= 6.77 Plg= 6 Azm=127
N -0.75 73 236
P -6.02 16 35
Best Double Couple:Mo=6.4*10**24
NP1:Strike=172 Dip=74 Slip=-172
NP2: 80 83 -16

24 19 31 06.52 28.243S 178.246W 11km
5.6mb (26 obs.) 5.8Msz (14 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Locatian:
Origin Time 19:31:17.4 0.3
Lat 27.79S 0.03 Lan 178.42W 0.03
Dep 15.0 FIX Half-duratian 3.6
Principal Axes:
Scale 10**24 D-CM
T Val= 10.61 Plg= 3 Azm=302
N -0.51 87 132
P -10.10 0 32
Best Double Couple:Mo=1.0*10**25
NP1:Strike= 77 Dip=88 Slip= 1
NP2: 347 89 178

24 23 53 32.57 36.075S 100.473W 10km
4.8mb (9 obs.) 5.0Msz (1 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centraid Location:
Origin Time 23:53:32.3 0.9
Lat 36.55S 0.10 Lan 100.45W 0.13
Dep 15.0 FIX Half-duratian 1.7
Principal Axes:
Scale 10**23 D-CM
T Val= 7.59 Plg= 0 Azm=233
N -2.90 90 180
P -4.69 0 143
Best Double Couple:Mo=6.1*10**23
NP1:Strike=278 Dip=90 Slip= 180
NP2: 8 90 0

27 03 09 50.80 7.947S 122.791E 229km
5.4mb (46 obs.)
FLORES SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centraid Lacatian:
Origin Time 03:09:52.2 0.8
Lat 8.01S 0.07 Lon 122.53E 0.07
Dep 232.6 3.9 Half-duratian 1.6
Principal Axes:
Scale 10**23 D-CM
T Val= 10.32 Plg=53 Azm= 2
N 0.15 16 250
P -10.47 32 149
Best Double Couple:Mo=1.0*10**24
NP1:Strike=195 Dip=19 Slip= 34
NP2: 73 79 106

27 16 48 57.45 30.981S 177.505W 26km
5.0mb (7 obs.) 5.4Msz (2 obs.)
KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 24C
Centroid Location:
Origin Time 16:49: 2.2 1.2
Lat 31.09S 0.09 Lan 177.40W 0.11
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**23 D-CM
T Val= 9.54 Plg=61 Azm=250
N 0.30 18 16
P -9.83 22 113
Best Double Couple:Mo=9.7*10**23
NP1:Strike=234 Dip=28 Slip= 131
NP2: 9 70 71

28 05 03 47.47 20.037S 176.056W 211km
6.1mb (67 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=190 Dip=90 Slip= 90
NP2: 207 0 360
Principal Axes:
T Plg=45 Azm=100
P 45 280
Comment: The focal mechanism is poarly contralled and corresponds to reverse faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 228 Na. of sta: 13
Principal Axes:
Scale 10**25 d-cm
T Val= 5.84 Plg=42 Azm= 95
N 0.00 5 0
P -5.84 48 265
Best Double Couple:Mo=5.8*10**25
NP1:Strike=239 Dip= 6 Slip= -31
NP2: 360 87 -95
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 49C M.W.: 10S, 25C
Centraid Location:
Origin Time 05:03:55.4 0.1
Lat 19.96S 0.01 Lon 175.71W 0.01
Dep 222.1 0.8 Half-duratian 6.6
Principal Axes:
Scale 10**25 D-CM
T Val= 6.42 Plg=40 Azm=114
N -0.49 19 7
P -5.93 44 258
Best Double Couple:Mo=6.2*10**25
NP1:Strike=271 Dip=19 Slip= -6
NP2: 7 88 -109

29 04 30 03.62 52.330N 174.850W 33km
4.9mb (43 obs.) 5.2Msz (13 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Locatian:
Origin Time 04:30: 4.8 0.4
Lat 52.49N 0.06 Lan 174.62W 0.06
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**24 D-CM
T Val= 1.33 Plg=11 Azm= 20
N 0.37 68 262
P -1.70 19 114

Best Double Couple:Mo=1.5*10**24
NP1:Strike=156 Dip=69 Slip= -6
NP2: 248 85 -159

29 09 55 39.20 15.168N 96.314E 17km
5.0mb (41 obs.) 5.1Msz (3 obs.)
SOUTH BURMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 09:55:41.4 0.3
Lat 15.45N 0.05 Lon 96.12E 0.06
Dep 15.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**24 D-CM
T Val= 2.24 Plg=29 Azm=143
N 0.06 4 51
P -2.30 61 314
Best Double Couple:Mo=2.3*10**24
NP1:Strike=242 Dip=17 Slip= -78
NP2: 50 74 -94

29 11 57 42.77 28.024S 177.957W 10km
5.4mb (29 obs.) 6.1Msz (18 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 34C
Centroid Location:
Origin Time 11:57:54.0 0.2
Lat 27.75S 0.02 Lon 178.28W 0.02
Dep 15.0 FIX Half-duration 4.4
Principal Axes:
Scale 10**25 D-CM
T Val= 1.96 Plg= 0 Azm=309
N -0.38 89 212
P -1.59 1 39
Best Double Couple:Mo=1.8*10**25
NP1:Strike= 84 Dip=89 Slip= 0
NP2: 174 90 -179

29 14 09 04.76 28.064S 178.107W 21km
5.4mb (11 obs.) 5.2Msz (6 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 20C
Centroid Location:
Origin Time 14:09:13.1 1.2
Lat 28.02S 0.07 Lon 178.62W 0.10
Dep 33.0 FIX Half-duration 2.3
Principal Axes:
Scale 10**24 D-CM
T Val= 2.98 Plg=12 Azm=130
N -1.01 31 227
P -1.97 57 22
Best Double Couple:Mo=2.5*10**24
NP1:Strike=187 Dip=43 Slip=-139
NP2: 64 63 -55

29 15 00 13.99 28.002S 177.873W 10km
5.3mb (12 obs.) 5.1Msz (6 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 15:00:21.7 0.7
Lat 28.09S 0.05 Lon 178.21W 0.06
Dep 15.0 BDY Half-duration 2.5
Principal Axes:
Scale 10**24 D-CM
T Val= 4.50 Plg=13 Azm=115
N -1.29 24 211
P -3.21 62 358
Best Double Couple:Mo=3.9*10**24
NP1:Strike=176 Dip=38 Slip=-131
NP2: 44 62 -63

29 20 11 50.45 6.766N 73.009W 160km
5.3mb (72 obs.)
NORTHERN COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 20:11:56.4 0.3
Lat 7.15N 0.04 Lon 73.14W 0.03
Dep 160.1 1.5 Half-duration 2.8
Principal Axes:
Scale 10**24 D-CM
T Val= 3.54 Plg=40 Azm=107
N 2.29 44 324
P -5.83 19 214
Best Double Couple:Mo=4.7*10**24
NP1:Strike=259 Dip=46 Slip= 18
NP2: 156 77 135

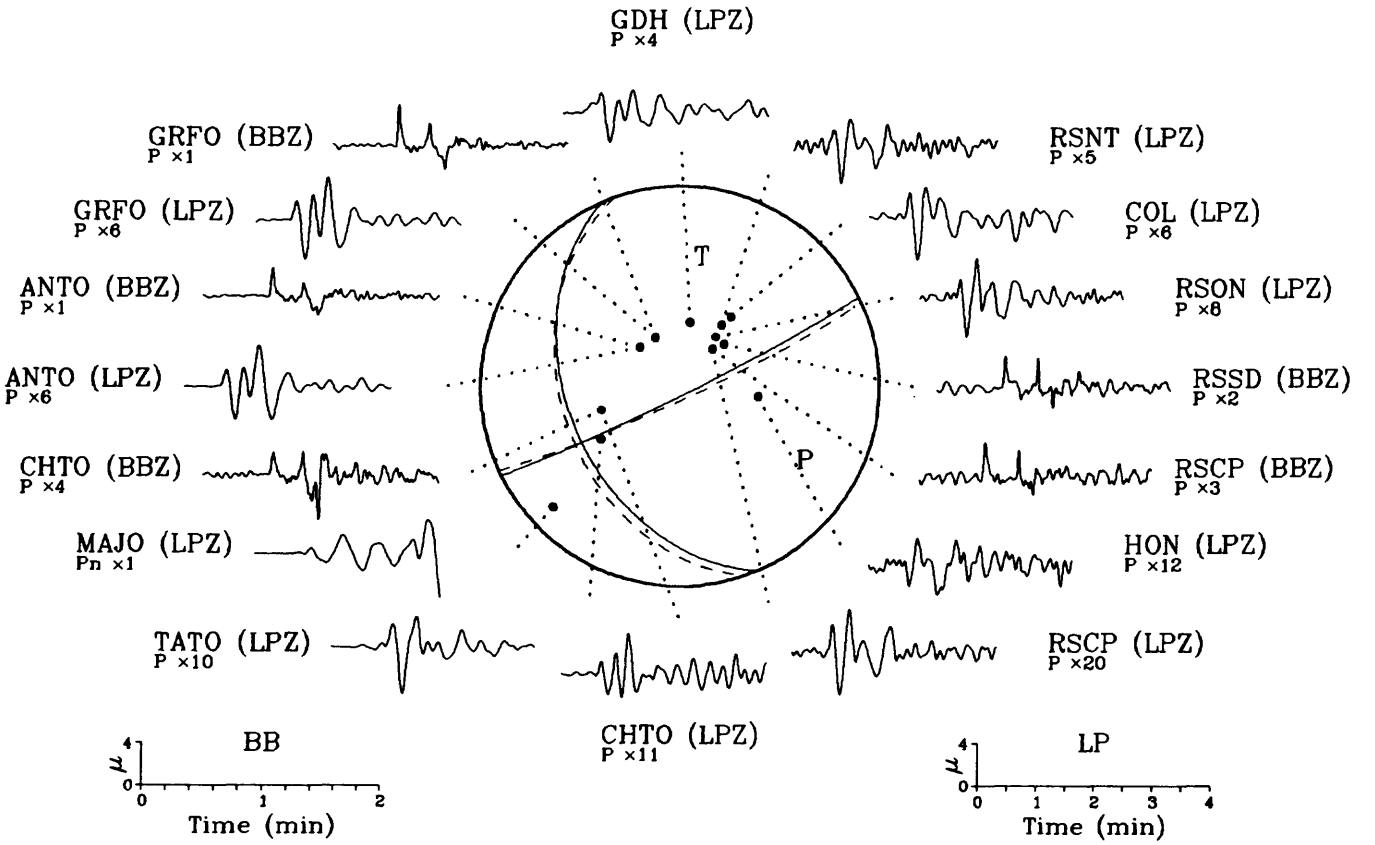
29 21 47 59.67 5.336S 29.539E 20km
5.2mb (37 obs.) 5.4Msz (12 obs.)
LAKE TANGANYIKA REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 35C
Centroid Location:
Origin Time 21:48: 9.9 0.4
Lat 4.96S 0.05 Lon 29.46E 0.03
Dep 29.0 BDY Half-duration 3.2
Principal Axes:
Scale 10**24 D-CM
T Val= 5.68 Plg=31 Azm=273
N 0.08 18 15
P -5.75 53 130
Best Double Couple:Mo=5.7*10**24
NP1:Strike=318 Dip=22 Slip=-148
NP2: 198 79 -71

30 06 23 46.95 51.259N 176.167W 33km
5.1mb (46 obs.) 4.7Msz (9 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 06:23:51.9 0.7
Lat 51.57N 0.07 Lon 176.23W 0.12
Dep 17.4 3.5 Half-duration 1.8
Principal Axes:
Scale 10**23 D-CM
T Val= 12.82 Plg=63 Azm=330
N 0.16 0 61
P -12.97 27 151
Best Double Couple:Mo=1.3*10**24
NP1:Strike=241 Dip=18 Slip= 91
NP2: 61 72 90

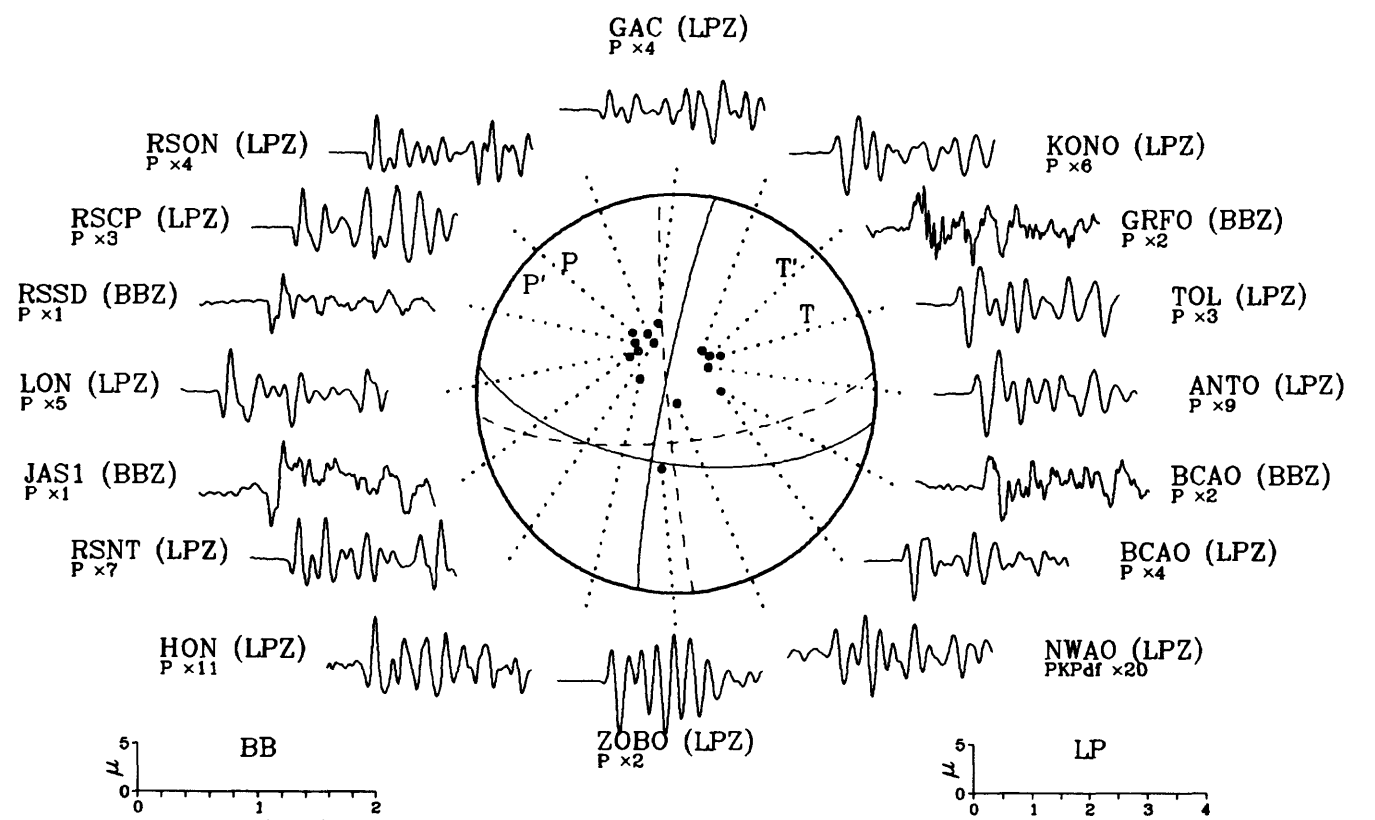
30 22 52 12.45 11.254N 86.035W 64km
5.4mb (63 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 28C
Centroid Location:
Origin Time 22:52:13.1 0.3
Lat 11.04N 0.04 Lon 86.94W 0.04
Dep 44.7 2.0 Half-duration 3.4
Principal Axes:
Scale 10**24 D-CM
T Val= 7.19 Plg=70 Azm= 15
N 2.84 6 121
P -10.03 19 213
Best Double Couple:Mo=8.6*10**24
NP1:Strike=313 Dip=26 Slip= 103
NP2: 118 65 84

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

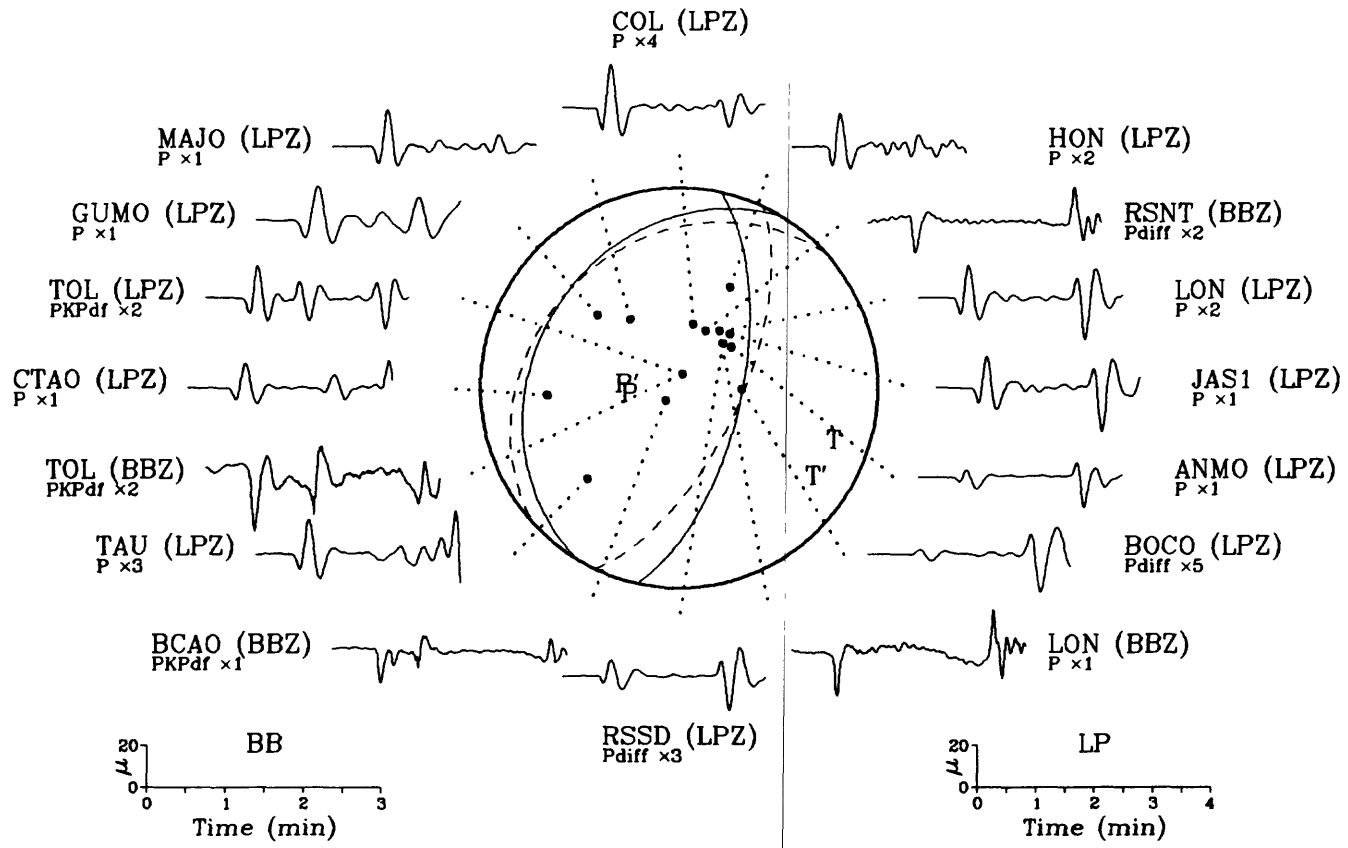
08 June 1986 11:02:25.87
Kuril Islands



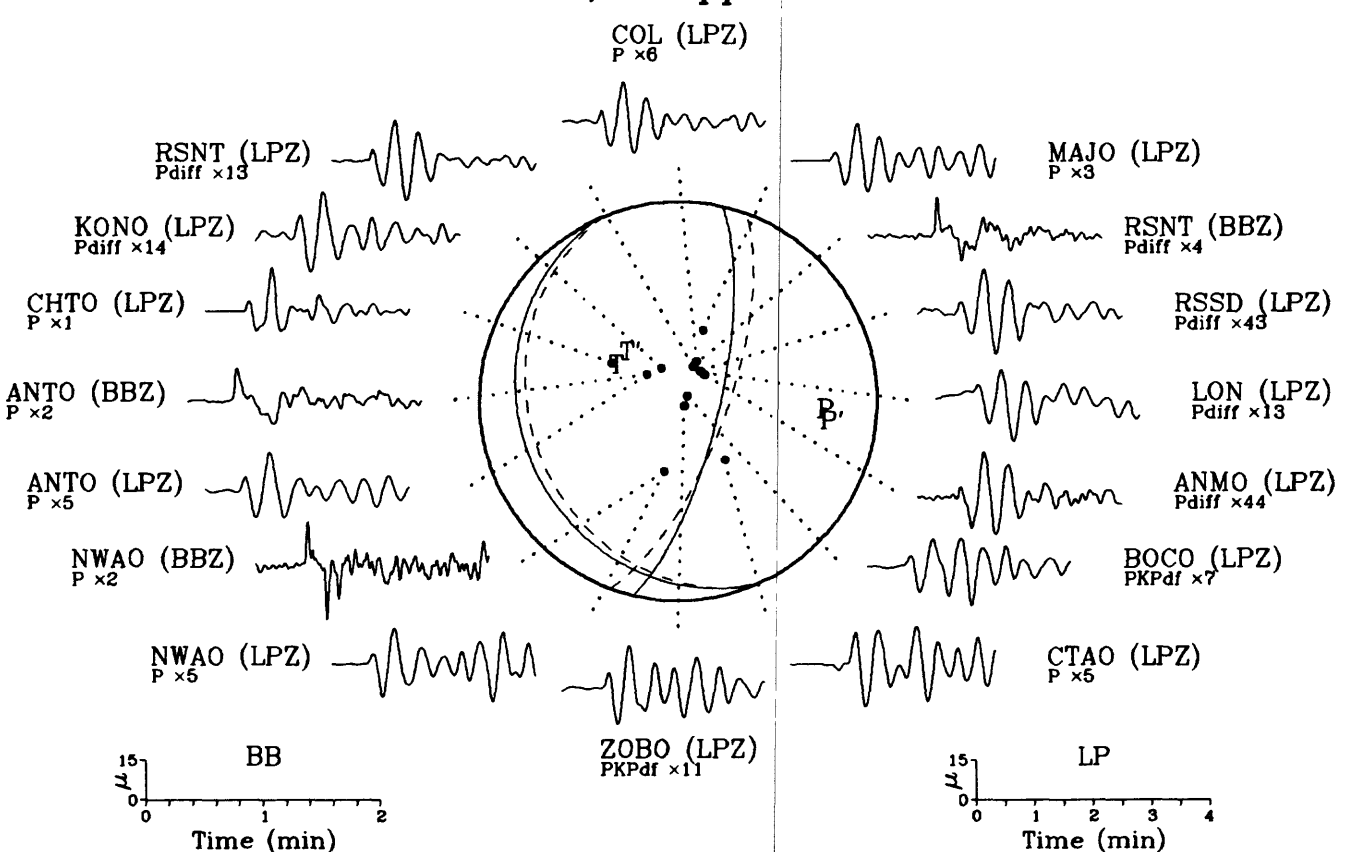
11 June 1986 13:48:01.39
Near Coast of Venezuela



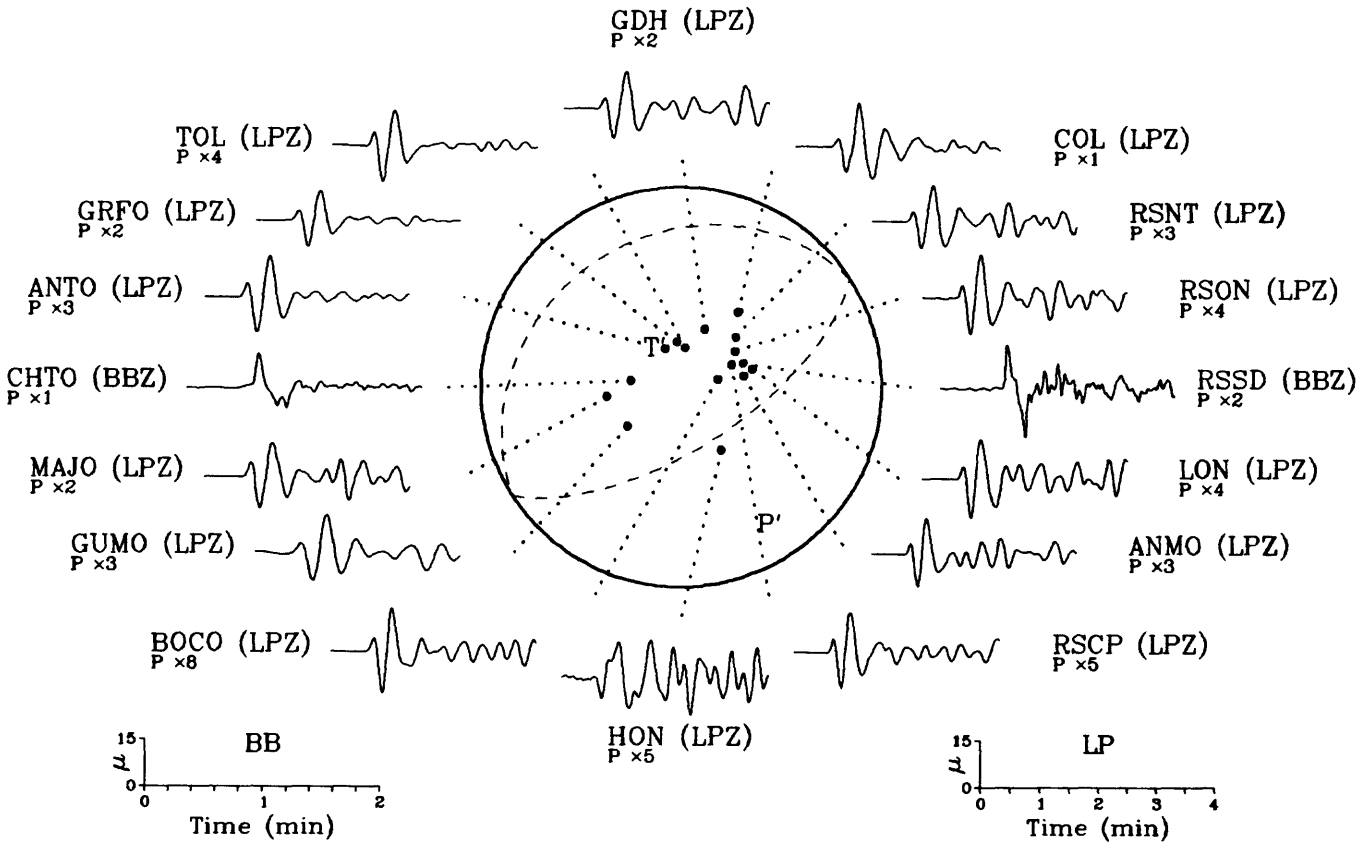
16 June 1986 10:48:25.78
South of Fiji Islands



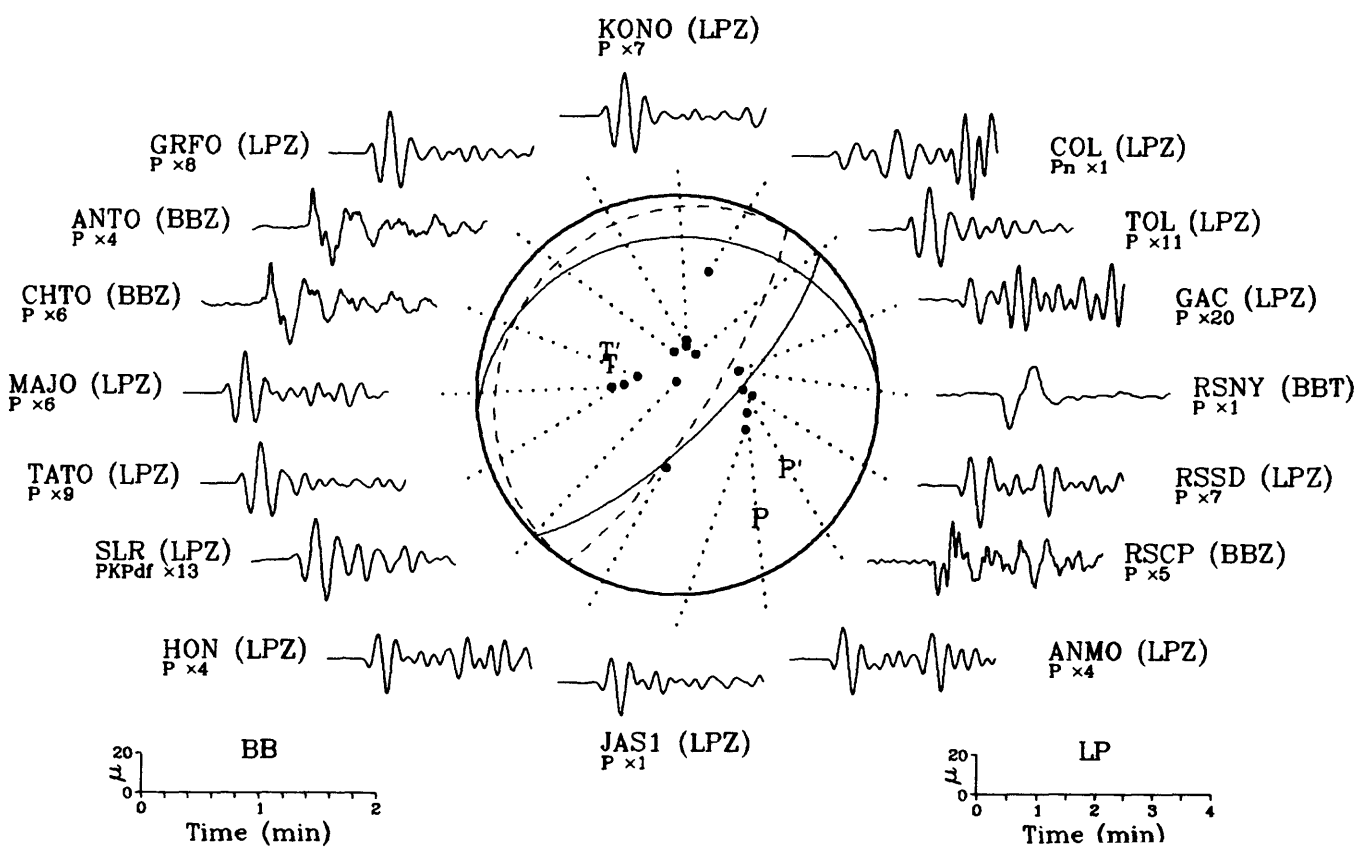
17 June 1986 18:13:11.55
Mindanao, Philippine Islands



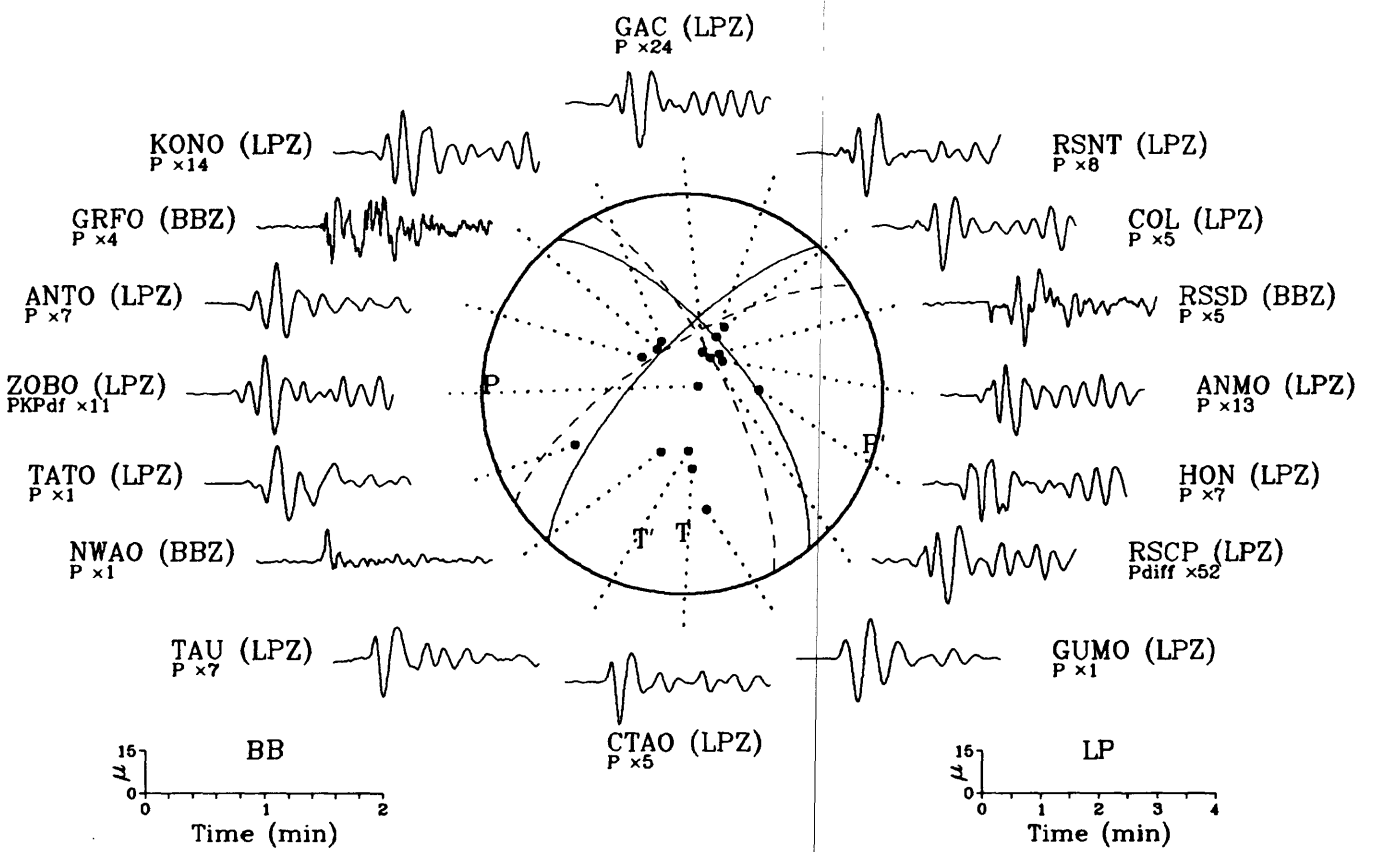
18 June 1986 08:05:15.45
Andreanof Islands, Aleutian Is.



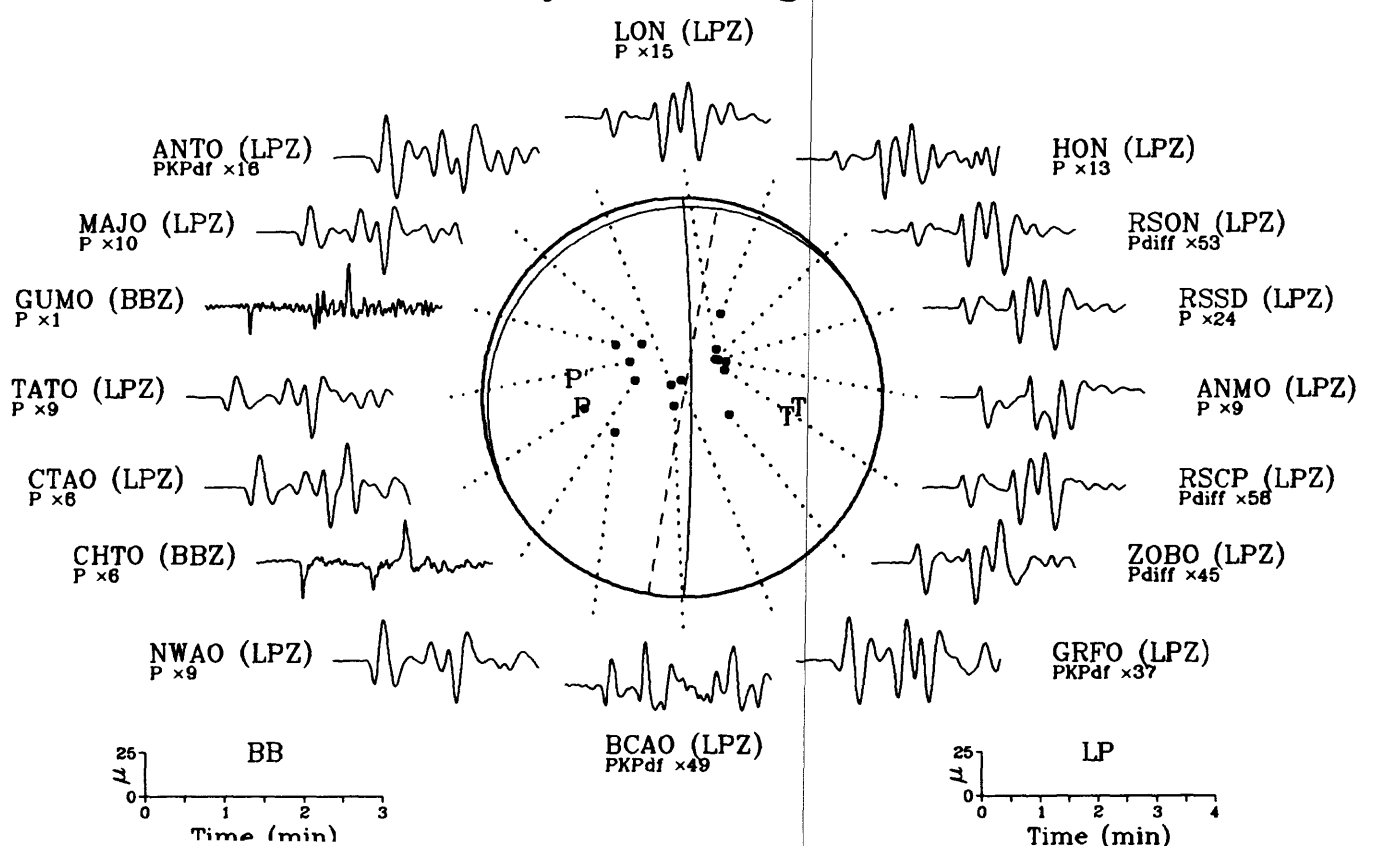
19 June 1986 09:09:09.21
Kodiak Island Region

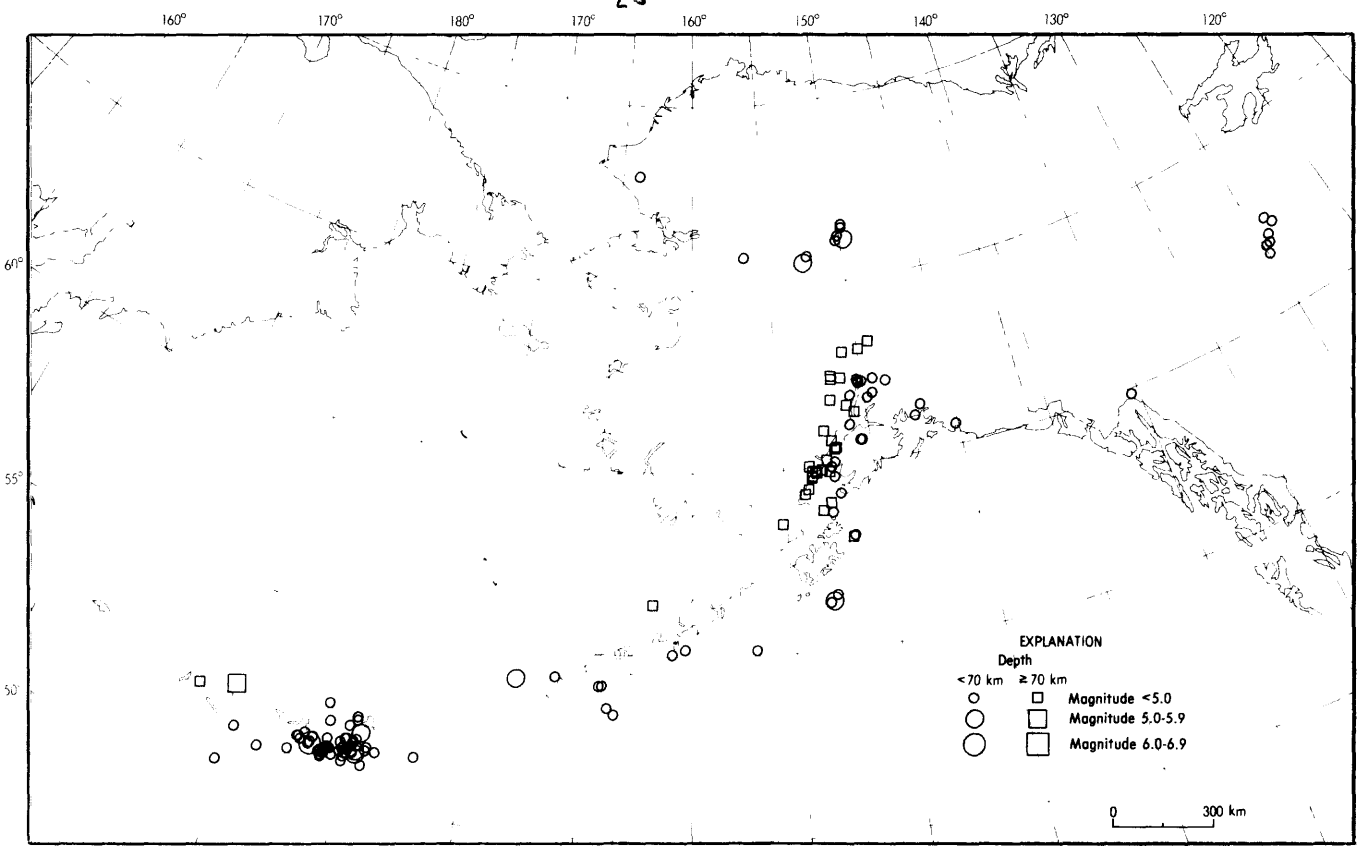


24 June 1986 02:53:11.25
Near East Coast of Honshu, Japan



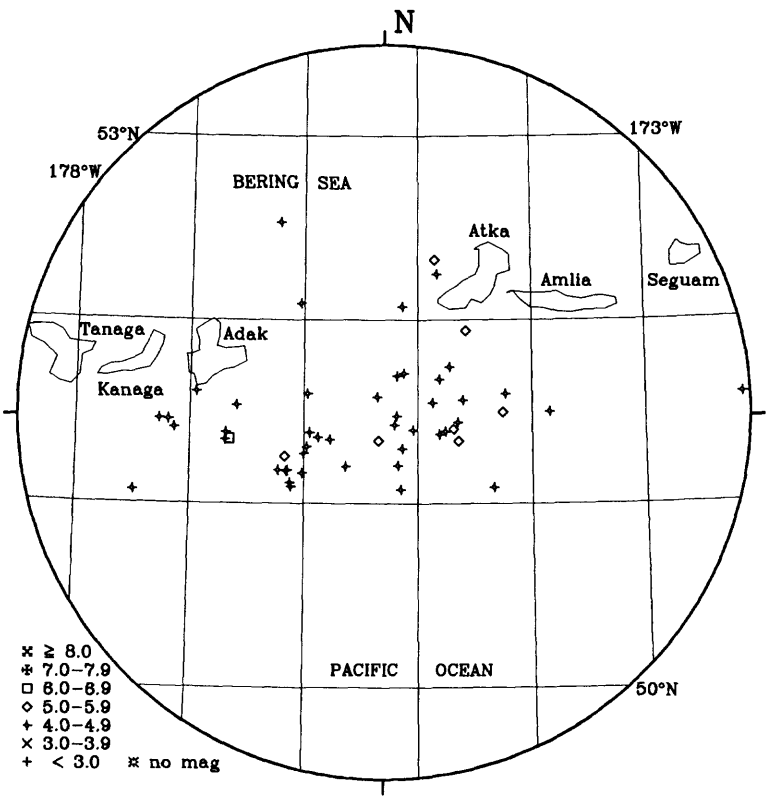
28 June 1986 05:03:47.47
Fiji Islands Region

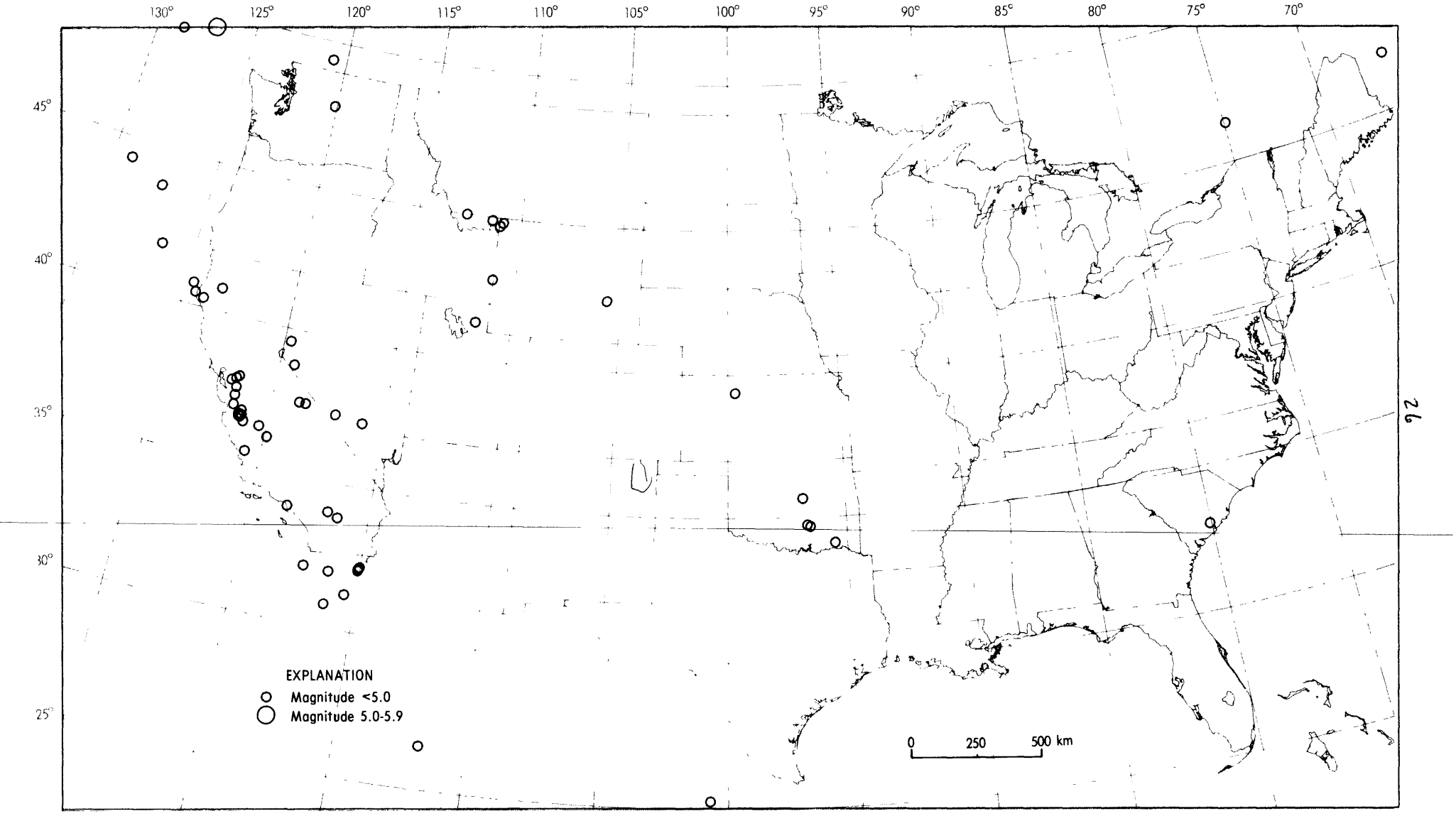




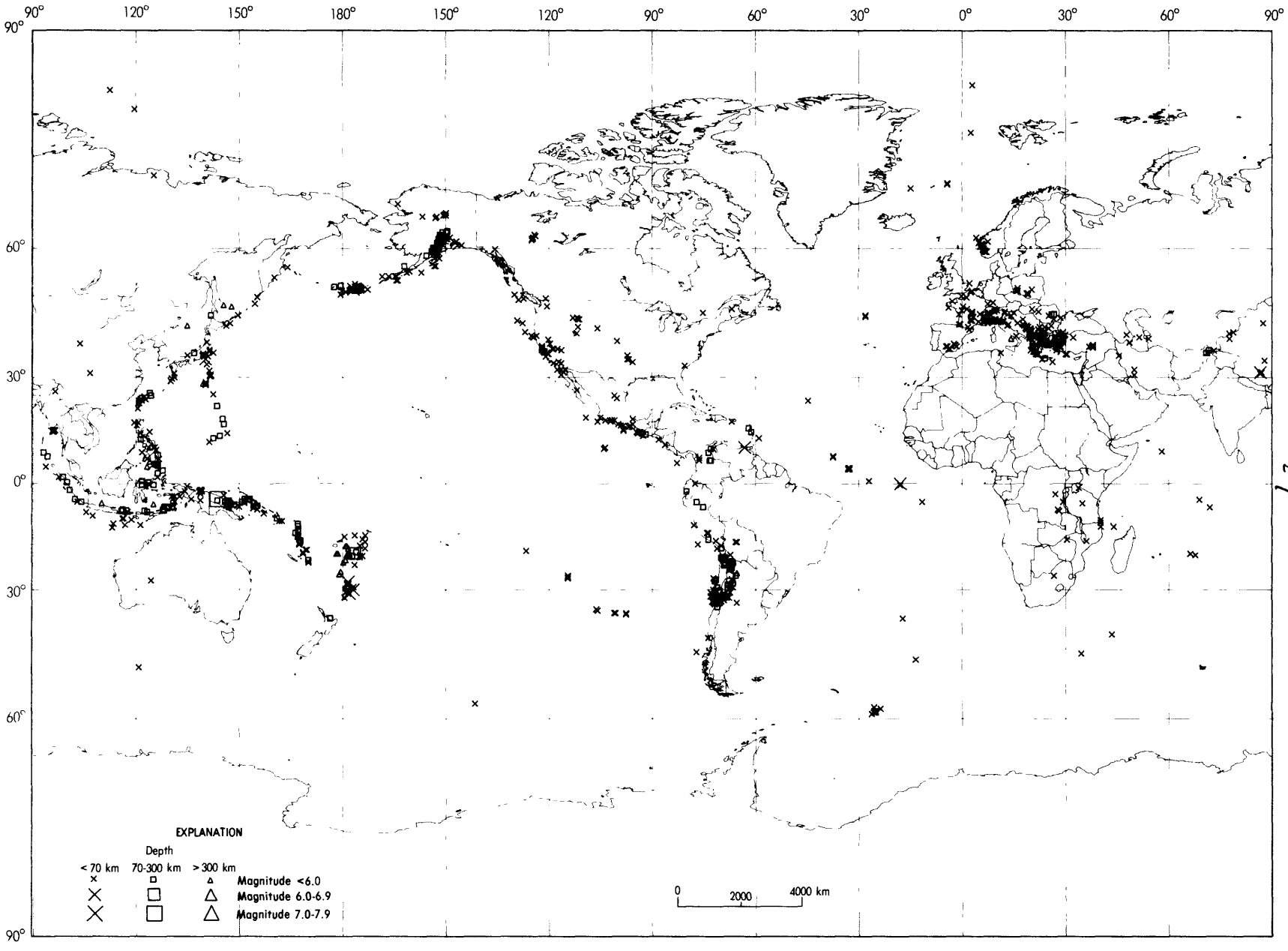
Earthquake epicenters in Alaska and adjacent regions for June, 1986 (C. Stover).

Earthquake Epicenters in the Andreanof Islands, Alaska, June 1986





Earthquake epicenters in the conterminous United States and adjacent regions for June, 1986 (C. Stover).



Earthquakes located in June, 1986 (C. Stover).

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