UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

APRIL - JUNE 1993

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report

93-600-B

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

1993

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

APRIL 1993

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	01	00	30.9	61.433	N	6.144	E	10	G			0.7	8	SOUTHERN NORWAY. MD 2.1 (BER).
	01	01	04	54.3*	37.646	N	21.403	E	10	G	3.7		1.3	16	SOUTHERN GREECE. ML 3.5 (ATH), 3.4 (THE).
	01	01	25	27.5	39.928	N	19.696	E	6		3.5		0.9	29	GREECE-ALBANIA BORDER REGION. ML 3.5 (THE). MD 3.7 (ATH).
	01	01	49	20.4%	43.963	N	8.425	E	10	G			0.4	8	CORSICA. ML 2.1 (GEN).
	01	02	23	37.0	40.072	N	21.225	E	10	G			0.9	9	GREECE. ML 2.5 (THE).
	01	02	33	51.1?	47.20	N	4.66	E	10	G			0.4	5	FRANCE. ML 1.8 (LDG).
	01	03	05	48.6%	40.698	N	30.322	E	5	G			0.5	8	TURKEY. MD 2.9 (ISK).
	01	04	10	11.1	40.082	N	19.553	E	10	G	3.6		1.4	45	ALBANIA. ML 3.7 (THE). MD 3.8 (ATH).
	01	04	33	22.2*	6.780	S	145.257	E	33	N	4.3		0.8	5	NEW GUINEA, PAPUA NEW GUINEA
	01	05	53	19.4?	53.92	N	169.08	E	33	N	4.1		1.1	11	KOMANDORSKY ISLANDS REGION
a	01	06	11	16.1	19.923	S	177.538	W	406	D	5.4		1.0	180	FIJI ISLANDS REGION. Mw 5.7 (HRV).
	01	06	35	56.4	44.800	S	167.648	E	97				0.6	21	SOUTH ISLAND, NEW ZEALAND
	01	06	49	47.7?	17.61	S	178.97	W	615	?	5.0		0.8	23	FIJI ISLANDS REGION
	01	06	56	47.5&	59.753	N	153.161	W	103					39	SOUTHERN ALASKA. <AEIC>.
	01	07	09	52.2	32.620	S	71.878	W	33	N	4.5		1.4	34	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN). Felt in the Quintero area.
	01	09	10	57.3?	8.51	S	120.77	E	207	*	4.6		0.9	7	FLORES REGION, INDONESIA
	01	09	39	36.1%	43.096	N	0.615	W	10	G			0.5	6	PYRENEES. ML 1.0 (STR).
	01	09	41	14.6?	27.81	N	30.89	E	10	G			0.8	7	EGYPT. MD 3.7 (HLW).
	01	09	45	21.3	43.402	N	5.450	E	9				0.8	20	NEAR SOUTH COAST OF FRANCE. ML 3.2 (STR).
	01	10	02	19.3*	6.628	S	147.718	E	56	*	4.3		1.0	9	EASTERN NEW GUINEA REG., P.N.G.
	01	11	11	19.0*	32.387	S	71.742	W	33	N			0.8	8	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	01	11	19	40.7*	20.568	S	69.093	W	136	*	3.9		1.3	9	NORTHERN CHILE
	01	12	58	03.5%	26.842	S	26.840	E	5	G			0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	01	13	08	13.8%	34.048	S	71.041	W	33	N			0.6	5	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	01	13	24	51.2	39.363	N	25.563	E	10	G	3.5		1.0	48	AEGEAN SEA. ML 3.7 (ATH), 3.7 (THE). MD 4.0 (ISK).
	01	13	40	51.3	43.624	N	110.196	W	5	G			0.6	13	WYOMING. ML 3.0 (GS), 3.1 (BUT).
	01	13	41	42.1?	42.98	N	20.35	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	01	14	01	23.0*	29.241	N	102.015	E	5	G	4.4		0.7	8	SICHUAN, CHINA. ML 3.8 (BJI).
	01	14	09	14.0*	37.588	N	21.269	E	10	G			1.1	11	SOUTHERN GREECE. ML 3.4 (ATH), 3.1 (THE).
	01	14	16	29.4?	37.58	S	179.45	W	10	G	4.2		1.4	18	EAST OF NORTH ISLAND, N.Z. ML 4.0 (WEL).
	01	14	40	58.8%	40.457	N	21.579	E	10	G			0.6	6	GREECE. ML 3.2 (THE).
	01	14	59	45.0%	37.822	N	30.444	E	10	G			0.6	11	TURKEY. MD 3.5 (ISK).
	01	15	09	23.5	19.966	S	177.714	W	592	*	4.7		1.1	61	FIJI ISLANDS REGION
	01	15	09	49.3&	37.711	N	121.986	W	12					6	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.4 (GS).
	01	15	12	47.3*	35.781	N	23.423	E	105	*	3.5		0.9	16	CRETE. MD 3.6 (ATH).
a	01	16	30	11.1	23.232	N	94.498	E	105	D	5.3		1.0	344	MYANMAR-INDIA BORDER REGION. Mw 5.1 (HRV).
	01	16	55	39.4&	34.924	N	116.864	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	01	17	19	35.4?	12.91	S	166.83	E	164	?	4.5		1.1	25	SANTA CRUZ ISLANDS
	01	17	44	32.6	51.298	N	15.731	E	5	G			1.1	11	POLAND. ML 3.3 (VIE), 3.3 (GRF).
	01	18	07	11.9*	3.074	N	128.395	E	27	D	4.9		0.9	17	NORTH OF HALMAHERA, INDONESIA
	01	18	41	35.0	23.149	N	94.445	E	91	D	4.6		0.9	99	MYANMAR-INDIA BORDER REGION
	01	18	54	26.9?	9.30	N	84.94	W	33	N	4.9		1.1	20	COSTA RICA
	01	19	28	38.0?	37.81	S	178.41	E	85	*	3.8		1.5	10	OFF E. COAST OF N. ISLAND, N.Z.
	01	19	30	23.8	61.418	N	5.675	E	10	G			1.1	6	SOUTHERN NORWAY. MD 1.8 (BER).
	01	20	18	43.3*	12.894	N	143.398	E	33	N	4.8		1.3	28	SOUTH OF MARIANA ISLANDS
	01	20	52	40.3?	5.51	S	147.84	E	193	*	4.6		0.9	8	EASTERN NEW GUINEA REG., P.N.G.
	01	21	31	29.2%	40.702	N	23.754	E	10	G			0.1	5	GREECE. ML 1.8 (THE).
	01	21	50	15.8*	21.735	S	67.620	W	33	N			1.1	7	CHILE-BOLIVIA BORDER REGION
	01	22	12	53.5&	66.048	N	143.765	W	0					10	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	01	22	21	14.0%	39.907	S	174.375	E	147	*			0.2	20	NORTH ISLAND, NEW ZEALAND
	01	22	22	33.4	46.956	N	112.472	W	5	G			0.8	17	MONTANA. ML 3.9 (GS). MD 3.9 (BUT). Felt (IV) at Lincoln and Marysville; (III) at Helmville and Sun River; (II) at Helena.
	01	22	53	44.7	21.159	N	121.876	E	10	G	4.2	3.9	1.1	26	TAIWAN REGION
	02	00	27	53.9?	11.33	S	165.99	E	33	N	4.3		0.9	7	SANTA CRUZ ISLANDS
	02	01	28	30.2&	37.010	N	89.000	W	5	G				21	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 2.5

Annual Subscriptions: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
Back Issues: Books and Open-File Reports Section, U.S. Geological Survey, Box 25425, Denver, CO 80225.

													(SLM), 2.5 (TEIC). mbLg 2.5 (GS). Felt (IV) at Cunningham and Kevil, Kentucky. Felt (III) at Barlow and La Center, Kentucky.
a	02	01	56	31.3	17.840	S	177.073	W	362	D	5.4	1.0	245 FIJI ISLANDS REGION. Mw 5.7 (HRV).
	02	01	59	50.5	37.218	N	21.563	E	33	N	3.1	1.1	26 SOUTHERN GREECE. ML 3.5 (ATH), 3.4 (THE).
	02	02	19	42.5%	38.647	N	12.764	E	10	G		0.6	6 SICILY
	02	02	39	25.4%	38.464	N	12.874	E	10	G		0.5	6 SICILY
	02	03	02	43.7&	37.020	N	89.020	W	5	G			23 CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 2.5 (SLM), 2.6 (TEIC). mbLg 2.5 (GS). Felt (IV) at Cunningham and (III) at Kevil, Kentucky.
	02	03	06	46.7&	69.751	N	130.646	W	18	G			5 NORTHWEST TERRITORIES, CANADA. <PGC-P>. mbLg 3.2 (PGC).
	02	03	11	41.7%	26.918	S	26.715	E	5	G		0.9	8 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	02	03	49	29.5?	31.35	S	68.94	W	121	?		0.0	5 SAN JUAN PROVINCE, ARGENTINA
	02	06	04	39.8*	32.484	S	71.505	W	33	N		1.1	13 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	02	06	21	06.5*	15.956	N	96.523	W	57	?	3.6	1.4	10 NEAR COAST OF OAXACA, MEXICO
	02	06	34	03.9*	37.564	N	21.290	E	33	N		1.2	6 SOUTHERN GREECE. ML 3.1 (ATH).
	02	06	52	16.5?	35.15	S	71.36	W	100	G		0.4	7 CENTRAL CHILE. MD 3.9 (SAN).
	02	06	53	35.2%	44.929	N	6.981	E	10	G		0.1	5 FRANCE. ML 1.7 (GEN).
	02	07	29	57.5?	60.11	N	5.19	E	10	G		0.1	4 SOUTHERN NORWAY. MD 1.0 (BER).
	02	07	59	58.6*	40.021	N	78.169	E	33	N	4.6	1.1	10 SOUTHERN XINJIANG, CHINA
f	02	08	04	11.7	17.373	S	171.921	W	9	G	5.8 5.6	1.0	312 TONGA ISLANDS REGION. Mw 6.0 (GS), 5.9 (HRV). Ms 5.6 (BRK). Mo=2.8*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	02	08	45	01.6?	39.56	N	20.21	E	10	G		1.2	6 GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR).
	02	09	40	40.6	9.829	N	126.353	E	47	D	4.9	1.2	41 MINDANAO, PHILIPPINE ISLANDS
	02	10	05	47.7	37.575	N	137.413	E	10	D	5.2 4.5	1.4	132 NEAR WEST COAST OF HONSHU, JAPAN
	02	10	22	30.8%	40.349	N	28.057	E	10	G		0.4	5 TURKEY. MD 2.7 (ISK).
	02	11	02	44.6*	7.135	S	155.714	E	73	*	4.5	1.1	27 SOLOMON ISLANDS
	02	11	50	36.8*	36.269	N	1.956	W	10	G		1.0	8 WESTERN MEDITERRANEAN SEA. mbLg 3.1 (MDD).
	02	11	59	44.8*	5.118	S	153.550	E	55		4.7	1.0	22 NEW IRELAND REGION, P.N.G.
	02	12	17	18.1%	43.841	N	11.945	E	10	G		0.7	8 CENTRAL ITALY
	02	12	17	48.5?	42.79	N	24.06	E	10	G		1.1	8 BULGARIA
	02	12	49	55.6	37.458	N	137.473	E	46	D	4.8 4.2	1.2	96 NEAR WEST COAST OF HONSHU, JAPAN
	02	12	59	45.8?	39.13	N	27.57	E	10	G		0.4	4 TURKEY. MD 2.9 (ISK).
	02	13	13	01.4?	57.79	N	6.22	E	10	G		0.6	11 NORTH SEA. MD 3.0 (BER).
	02	13	49	57.0%	41.145	N	21.953	E	10	G		0.9	6 NORTHWESTERN BALKAN REGION. ML 1.9 (THE), 1.5 (SKO).
a	02	14	32	19.0	18.423	N	145.221	E	501	D	5.2	0.9	233 MARIANA ISLANDS. Mw 5.4 (HRV).
	02	14	45	11.8	41.099	N	20.296	E	10	G		1.2	8 ALBANIA. ML 2.7 (SKO), 2.3 (TIR).
	02	15	00	44.0*	17.034	S	177.592	W	432		4.6	1.1	42 FIJI ISLANDS REGION
	02	15	36	59.5?	39.02	N	27.78	E	10	G		0.6	4 TURKEY. MD 2.8 (ISK).
	02	15	37	42.4	0.073	N	120.495	E	82	*	5.0	0.9	37 MINAHASSA PENINSULA, SULAWESI
	02	16	44	30.6%	33.151	S	70.268	W	10	G		0.2	6 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	02	16	47	13.9*	43.695	N	147.667	E	33	N	3.6	1.5	12 KURIL ISLANDS
	02	17	06	26.2?	40.86	N	23.40	E	10	G		1.4	4 GREECE. ML 1.5 (THE).
	02	18	21	52.7?	49.01	N	6.88	E	5	G		1.5	4 GERMANY. MD 2.3 (UCC).
	02	18	24	13.0*	13.277	S	166.656	E	33	N	4.8	1.0	20 VANUATU ISLANDS
	02	19	37	48.5*	11.958	N	87.798	W	61	*	4.8 4.3	1.2	45 NEAR COAST OF NICARAGUA. MD 4.5 (APY).
	02	19	54	17.0*	36.620	N	11.466	W	10	G		0.7	11 NORTH ATLANTIC OCEAN. MD 3.2 (RBA). mbLg 3.0 (MDD).
a	02	20	23	22.9	57.395	N	33.300	W	17	D	5.1 5.0	1.0	182 NORTH ATLANTIC OCEAN. Mw 5.2 (HRV).
	02	21	09	51.5*	24.815	N	96.576	E	33	N	4.4	1.0	13 MYANMAR
	02	21	38	40.7%	33.176	S	68.839	W	33	N		0.5	7 MENDOZA PROVINCE, ARGENTINA
	02	21	59	31.7*	22.937	N	95.899	E	33	N		1.2	8 MYANMAR
	02	22	03	42.4?	27.83	N	33.74	E	10	G		0.4	7 EGYPT. MD 4.1 (HLW).
	02	22	12	27.9	51.260	N	176.695	W	20	D	4.9 4.4	1.0	73 ANDREANOF ISLANDS, ALEUTIAN IS.
	02	22	13	45.1%	39.081	N	28.723	E	10	G		0.6	6 TURKEY. MD 2.7 (ISK).
	02	22	54	58.1&	59.984	N	152.865	W	102				38 SOUTHERN ALASKA. <AEIC>.
	02	23	14	28.2	38.739	N	21.289	E	10		3.5	1.0	29 GREECE. ML 3.7 (ATH), 3.7 (THE), 3.6 (SKO).
	02	23	47	46.2%	39.277	N	29.167	E	10	G		0.7	13 TURKEY. MD 3.4 (ISK).
	03	00	10	36.8%	39.269	N	29.112	E	10	G		0.8	5 TURKEY. MD 2.7 (ISK).
	03	00	23	30.6%	44.210	N	7.778	E	10	G		0.5	7 NORTHERN ITALY. ML 1.7 (GEN).
	03	00	58	30.2*	16.269	S	71.720	W	139	*	3.8	1.4	13 SOUTHERN PERU
	03	01	15	45.5*	5.496	S	151.924	E	67	*	4.5	0.9	14 NEW BRITAIN REGION, P.N.G.
	03	02	14	13.2&	34.994	N	116.946	W	6				20 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS). Felt (III) at Daggett and Yermo.
	03	02	15	30.5?	57.63	N	33.75	W	10	G	4.4	1.2	12 NORTH ATLANTIC OCEAN
	03	03	10	56.1*	37.021	S	178.114	E	82	*	3.2	1.2	16 OFF E. COAST OF N. ISLAND, N.Z.
	03	03	42	31.3&	34.995	N	116.948	W	6				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	03	03	50	15.4?	16.38	N	98.79	W	33	N		1.5	6 NEAR COAST OF GUERRERO, MEXICO
	03	04	02	05.4	21.199	S	179.070	W	612		5.1	1.1	90 FIJI ISLANDS REGION
	03	04	21	15.8*	27.127	N	111.902	W	10	G	3.7	1.0	10 GULF OF CALIFORNIA
	03	04	43	17.3%	36.834	N	4.686	W	10	G		1.0	7 STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	03	04	50	44.6?	41.65	N	22.84	E	10	G		0.6	7 NORTHWESTERN BALKAN REGION. ML 2.7 (THE).
	03	04	52	59.9	41.829	N	22.863	E	10	G		0.5	19 NORTHWESTERN BALKAN REGION. ML 3.2 (THE), 3.2 (SKO).
	03	04	53	27.4%	36.943	N	4.637	W	10	G		1.3	5 STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	03	05	02	52.0	39.726	N	75.658	E	24		4.7 4.4	1.3	73 SOUTHERN XINJIANG, CHINA
	03	05	26	56.8	7.448	S	127.535	E	109	*	4.4	0.7	18 BANDA SEA
	03	05	49	37.6%	36.910	N	4.683	W	10	G		0.7	12 STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
	03	05	54	06.9&	61.716	N	149.962	W	39				69 SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
	03	06	11	22.2	13.207	N	120.413	E	30	*	4.5	0.8	14 MINDORO, PHILIPPINE ISLANDS
	03	06	17	35.4?	11.08	N	61.98	W	70	G		0.5	4 WINDWARD ISLANDS. MD 3.1 (TRN).
	03	06	38	34.1*	54.019	N	160.334	W	33	N	4.3	0.8	15 ALASKA PENINSULA
	03	07	03	53.1?	31.36	S	69.68	W	130	G		0.7	12 SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	03	07	41	12.7%	36.869	N	4.701	W	10	G		0.8	8 STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	03	07	41	55.7%	36.866	N	4.704	W	10	G		0.8	8 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	03	08	07	27.0?	39.19	N	27.39	E	10	G		0.1	4 TURKEY. MD 2.8 (ISK).
	03	08	29	05.1*	5.968	S	75.066	W	33	N	4.6	1.4	19 NORTHERN PERU
	03	09	39	21.8&	36.760	N	121.483	W	7				22 CENTRAL CALIFORNIA. <BRK>. ML 3.7 (BRK), 3.6 (GS). Felt (IV) at Prunedale. Also felt in the Hollister-San Juan Boutista area.
	03	11	01	46.0%	46.963	N	2.310	E	10	G		0.2	10 FRANCE. ML 1.9 (LDG).
	03	12	18	32.5	5.506	S	151.798	E	39	*	4.9 4.5	0.9	54 NEW BRITAIN REGION, P.N.G.
	03	12	27	07.7	5.482	S	151.822	E	63		5.0	0.6	26 NEW BRITAIN REGION, P.N.G.
	03	12	30	10.6*	48.549	N	153.175	E	110	G	4.3	1.0	10 KURIL ISLANDS

	03	12	31	54.2	40.593	N	23.740	E	10	G			0.7	10	GREECE. ML 2.7 (THE).
	03	13	59	57.7%	26.369	S	27.451	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	03	14	11	54.4*	57.846	N	33.468	W	10	G	4.4	3.7	1.4	17	NORTH ATLANTIC OCEAN
	03	14	37	37.2?	40.67	N	28.94	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	03	14	39	55.2*	19.983	S	67.653	W	207	*	3.5		1.2	7	SOUTHERN BOLIVIA
	03	15	08	31.9?	39.97	N	27.84	E	10	G			0.5	4	TURKEY. MD 2.8 (ISK).
	03	15	20	34.2%	36.896	N	30.228	E	10	G			0.2	6	TURKEY. MD 3.6 (ISK).
	03	15	29	23.3*	27.228	S	176.453	W	33	N	4.6		1.2	15	KERMADEC ISLANDS REGION
	03	16	02	42.6?	7.06	S	130.07	E	136	?	4.2		1.3	13	TANIMBAR ISLANDS REG., INDONESIA
	03	17	01	56.4	7.221	N	76.995	W	35	*	4.5		1.2	36	NORTHERN COLOMBIA
	03	17	56	48.4	26.400	S	27.459	E	5	G			1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE). mbLg 2.8 (BUL).
	03	18	18	31.6*	3.890	S	141.419	E	49	?	4.6		1.3	27	NEW GUINEA, PAPUA NEW GUINEA
	03	19	01	27.3*	2.678	S	138.632	E	33	N	4.8	3.9	1.1	13	IRIAN JAYA, INDONESIA
	03	19	14	54.3?	30.52	S	71.63	W	164	?			0.9	8	NEAR COAST OF CENTRAL CHILE
	03	19	32	09.5?	8.74	S	118.26	E	33	N	4.5		1.3	12	SUMBAWA REGION, INDONESIA
	03	20	53	49.7&	36.927	N	121.578	W	5					25	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK), 3.2 (GS). Felt (III) at Aptos. Also felt in the Gilroy area.
	03	21	00	19.3%	26.954	S	26.776	E	5	G			1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	03	21	11	02.8	37.200	N	21.427	E	5	G	3.5		0.9	26	SOUTHERN GREECE. ML 3.8 (THE), 3.7 (ATH).
	03	21	50	04.2	16.990	N	62.215	W	10	G			0.4	9	LEEWARD ISLANDS. ML 3.0 (FDF). MD 3.1 (TRN).
	03	22	06	51.8*	37.511	N	21.390	E	10	G			1.3	5	SOUTHERN GREECE. ML 3.2 (ATH).
	03	22	19	00.3*	9.494	S	111.938	E	33	N	4.3		0.9	6	SOUTH OF JAWA, INDONESIA
	03	22	44	33.3?	62.05	N	3.84	E	10	G			0.9	10	NORWEGIAN SEA. MD 2.8 (BER).
	03	22	48	18.4?	39.81	N	19.84	E	10	G			1.2	5	GREECE-ALBANIA BORDER REGION. ML 3.0 (THE).
	03	23	15	00.7?	17.01	N	62.21	W	10	G			0.1	4	LEEWARD ISLANDS. ML 3.1 (FDF). MD 3.0 (TRN).
	04	00	13	23.8&	63.289	N	145.401	W	6		4.0			65	CENTRAL ALASKA. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR). Felt at Paxson and Summit Lake.
	04	00	24	43.8?	44.11	N	6.48	E	10	G			0.6	4	FRANCE. ML 2.0 (LDG).
	04	00	43	35.7	38.016	N	20.791	E	10	G			1.5	5	GREECE. ML 3.3 (ATH).
	04	00	53	00.3%	36.785	S	177.576	E	5	G			0.9	6	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	04	01	44	15.4?	17.79	S	69.27	W	157	?	3.9		1.1	7	PERU-BOLIVIA BORDER REGION
	04	02	06	06.8%	43.180	N	18.148	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	04	02	52	24.7*	7.567	S	128.548	E	53	?	4.0		1.2	11	BANDA SEA
	04	02	57	59.7&	61.783	N	147.130	W	37					49	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	04	04	01	53.9?	5.62	S	146.68	E	219	?	4.6		1.0	6	EASTERN NEW GUINEA REG., P.N.G.
	04	04	08	09.9	10.910	N	62.573	W	29				1.3	16	NEAR COAST OF VENEZUELA. MD 3.8 (TRN).
	04	04	40	02.5?	32.69	S	70.15	W	100	G			0.7	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	04	04	46	24.2&	63.250	N	151.129	W	14					38	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	04	47	24.1	63.157	N	151.169	W	10	G			0.3	8	CENTRAL ALASKA. ML 2.8 (GS).
	04	05	21	25.2&	35.940	N	120.494	W	8		4.0			43	CENTRAL CALIFORNIA. <GM-P>. MD 4.3 (GM). ML 4.3 (BRK). Felt (V) at Parkfield and (III) at Avenal, Coalinga, San Miguel and Shandon. Also felt at Arroyo Seco, King City and San Luis Obispo.
	04	05	39	23.1?	45.39	N	150.92	E	33	N	3.1		1.1	6	KURIL ISLANDS
	04	06	53	54.6?	37.84	N	26.74	E	5	G			0.3	4	DODECANESE ISLANDS. MD 3.5 (ATH), 3.3 (ISK).
	04	07	43	27.6	38.559	N	12.805	E	25	*			0.6	11	SICILY
	04	08	24	53.5%	43.063	N	0.643	W	10	G			0.2	6	PYRENEES. ML 1.0 (STR).
	04	08	29	33.9	6.756	N	72.937	W	159	D	4.2		1.2	33	NORTHERN COLOMBIA
	04	09	19	29.2?	16.80	N	100.20	W	33	N			0.7	8	NEAR COAST OF GUERRERO, MEXICO
	04	09	36	54.3?	8.69	S	121.45	E	236	?	4.5		1.3	14	FLORES REGION, INDONESIA
	04	09	42	51.7?	18.94	N	67.22	W	33	N			0.4	7	MONA PASSAGE
	04	09	45	23.3%	32.336	S	67.492	W	10	G			0.1	5	MENDOZA PROVINCE, ARGENTINA
	04	10	16	57.3%	39.192	N	27.347	E	10	G			0.4	6	TURKEY. MD 2.8 (ISK).
	04	11	20	16.3*	27.443	N	99.504	E	10	G			1.2	8	YUNNAN, CHINA. ML 3.6 (BJI).
	04	11	35	42.8*	18.209	S	69.829	W	149	*	3.5		1.5	10	NORTHERN CHILE
	04	12	20	51.7%	39.223	N	29.125	E	10	G			0.2	6	TURKEY. MD 2.7 (ISK).
	04	12	25	22.6?	8.30	N	83.19	W	5	G			1.5	4	COSTA RICA. MD 3.8 (UPA). Felt at Boqueran and David, Panama.
	04	14	52	21.5?	22.14	S	178.04	W	420	G	4.4		0.9	10	SOUTH OF FIJI ISLANDS
	04	15	26	29.4	34.507	N	27.411	E	73	*	3.8		1.0	12	EASTERN MEDITERRANEAN SEA. MD 4.0 (ATH).
	04	16	40	44.0*	11.010	N	62.063	W	132	?			0.6	12	WINDWARD ISLANDS. MD 3.5 (TRN).
	04	16	48	59.0*	40.677	N	23.402	E	10	G			0.4	5	GREECE. ML 2.0 (THE).
a	04	17	21	36.2	53.443	N	164.520	W	33	N	5.0	4.8	1.0	159	UNIMAK ISLAND REGION. Mw 5.4 (HRV). ML 5.2 (PMR).
	04	17	31	29.4&	39.170	N	76.800	W	5	G				3	CHESAPEAKE BAY REGION. <MACRO>. MD 1.5 (NED). Felt in the Columbia, Maryland area.
	04	18	09	19.8&	33.695	N	118.370	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	04	18	11	49.4?	10.46	N	61.54	W	33	N			0.4	4	TRINIDAD. MD 2.8 (TRN).
	04	18	20	52.1*	13.873	S	34.461	E	10	G	4.6		1.4	10	MALAWI. mbLg 4.3 (BUL).
	04	19	54	55.4*	34.764	S	179.097	E	129	?	4.8		1.3	25	SOUTH OF KERMADEC ISLANDS
	04	20	25	26.1?	23.57	S	68.31	W	224	*	3.2		0.4	7	NORTHERN CHILE
	04	21	07	57.1	40.665	N	23.427	E	10	G			0.4	8	GREECE. ML 2.2 (THE).
	04	21	41	52.0%	40.650	N	22.410	E	10	G			0.3	6	GREECE. ML 1.8 (THE).
	04	21	46	46.5	7.508	S	128.295	E	33	N	4.9		1.0	32	BANDA SEA
	04	22	19	07.3*	11.238	N	86.349	W	164	*	3.4		0.5	11	NEAR COAST OF NICARAGUA
	04	22	49	36.7?	34.98	S	71.83	W	33	N			0.3	7	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	22	58	25.1*	9.329	S	107.322	E	33	N	4.8		1.3	16	SOUTH OF JAWA, INDONESIA
a	04	23	05	17.7	13.383	N	120.551	E	62		5.4		0.9	168	MINDORO, PHILIPPINE ISLANDS. Mw 5.1 (HRV). Felt (III RF) on Mindoro.
	04	23	58	29.9	71.539	N	4.989	W	10	G	4.3		1.2	13	JAN MAYEN ISLAND REGION
	05	00	10	38.1%	38.587	S	175.723	E	208	*			0.5	31	NORTH ISLAND, NEW ZEALAND
	05	00	12	33.7?	36.95	S	176.72	E	316	?			0.6	30	OFF E. COAST OF N. ISLAND, N.Z.
	05	00	56	30.7	45.887	N	9.892	E	8				1.3	51	NORTHERN ITALY. MD 3.1 (LJU). ML 3.0 (STR), 2.9 (LDG), 2.5 (VIE).
	05	00	59	03.3	49.963	N	8.551	E	10	G			1.1	10	GERMANY. ML 2.6 (LDG).
	05	01	25	35.1%	37.383	N	2.168	W	10	G			1.0	16	SPAIN. mbLg 3.4 (MDD). Felt (IV) in the Cantaria area.
	05	01	29	31.7?	22.86	S	178.38	W	420	G	4.2		1.1	19	SOUTH OF FIJI ISLANDS
	05	01	57	30.8	20.410	S	67.905	E	10	G	5.2	4.4	0.8	23	MID-INDIAN RIDGE
	05	02	23	51.6?	36.39	N	26.98	E	10	G			0.6	5	DODECANESE ISLANDS. MD 3.3 (ISK).
	05	02	27	31.8*	17.810	N	61.504	W	33	N	3.5		1.3	11	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.5 (TRN).
	05	03	15	54.0?	7.00	N	72.66	W	207	?	3.9		0.9	7	NORTHERN COLOMBIA
	05	03	36	58.4*	59.923	N	5.620	E	10	G			0.8	5	SOUTHERN NORWAY. MD 1.5 (BER).
f	05	04	00	05.3	59.801	S	26.312	W	33	N	6.0	6.2	0.9	246	SOUTH SANDWICH ISLANDS REGION. Mw 6.3 (GS), 6.2 (HRV). Mo=2.7*10**18 Nm (PPT).

	05	04	16	34.6	59.786	S	26.344	W	33	N	5.5	0.9	52	SOUTH SANDWICH ISLANDS REGION
	05	04	34	57.4	59.888	S	26.287	W	33	N	5.2	0.9	28	SOUTH SANDWICH ISLANDS REGION
	05	04	52	32.0	59.806	S	26.352	W	33	N	5.3 5.8	0.9	82	SOUTH SANDWICH ISLANDS REGION
	05	04	56	22.6*	59.974	S	26.137	W	33	N	5.2	1.3	15	SOUTH SANDWICH ISLANDS REGION
	05	04	59	41.7	40.626	N	23.809	E	10	G		0.4	9	GREECE. ML 2.4 (THE).
	05	05	02	39.0*	59.894	S	26.257	W	33	N	5.1	0.9	28	SOUTH SANDWICH ISLANDS REGION
	05	05	33	47.2*	59.892	S	26.125	W	33	N	5.1	1.0	24	SOUTH SANDWICH ISLANDS REGION
	05	05	54	32.9	59.894	S	26.234	W	33	N	5.1 4.7	0.9	34	SOUTH SANDWICH ISLANDS REGION
	05	06	33	13.4?	21.44	S	69.00	W	174	*	3.7	0.1	6	NORTHERN CHILE
	05	06	41	40.5?	5.26	S	143.35	E	33	N	4.0	1.1	5	NEW GUINEA, PAPUA NEW GUINEA
	05	06	47	17.0*	48.753	S	106.461	E	10	G	5.0	0.8	26	SOUTHEAST INDIAN RIDGE
a	05	06	49	16.9	57.342	N	33.224	W	10	G	5.3 5.1	1.1	230	NORTH ATLANTIC OCEAN. Mw 5.3 (HRV).
	05	07	03	48.8%	38.118	S	176.224	E	205	*		0.5	28	NORTH ISLAND, NEW ZEALAND
	05	07	05	27.5	9.732	N	83.859	W	43	*	3.9	1.2	21	COSTA RICA. Felt at San Jose and in the Central Valley. Also felt at Baja Boquete and Chiriqui Grande, Panama.
	05	07	38	02.9*	28.482	N	113.843	W	5	G		0.8	8	BAJA CALIFORNIA, MEXICO. ML 4.0 (GS).
	05	07	55	20.1?	59.56	S	24.88	W	10	G	4.8	0.8	6	SOUTH SANDWICH ISLANDS REGION
	05	08	18	09.6%	40.374	N	23.312	E	10	G		0.9	6	GREECE. ML 2.2 (THE).
	05	08	46	29.5	42.710	N	12.934	E	10	G		1.1	15	CENTRAL ITALY
	05	08	56	09.3?	26.67	S	26.85	E	5	G		0.4	4	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	05	09	24	59.2	59.896	S	26.230	W	33	N	5.1 4.3	0.9	33	SOUTH SANDWICH ISLANDS REGION
	05	09	28	43.7	22.557	S	66.247	W	260	*	4.0	0.6	8	JUJUY PROVINCE, ARGENTINA
	05	11	15	09.1%	44.604	N	7.078	E	10	G		0.7	6	NORTHERN ITALY. ML 1.7 (GEN).
	05	11	30	37.4*	45.632	N	13.366	E	10	G		1.0	7	NORTHERN ITALY. MD 2.7 (LJU). ML 2.3 (VIE).
	05	11	36	18.2	22.943	S	66.461	W	258	*		0.9	12	JUJUY PROVINCE, ARGENTINA
	05	12	08	23.6%	39.212	N	28.805	E	10	G		0.5	5	TURKEY. MD 2.7 (ISK).
	05	12	26	46.1%	41.150	N	28.519	E	10	G		0.4	7	TURKEY. MD 2.7 (ISK).
	05	12	32	09.0	26.372	S	27.349	E	5	G		1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	05	12	34	07.0*	43.291	N	5.684	E	10	G		0.6	12	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	05	12	56	48.3	39.543	S	174.219	E	253			0.5	47	NORTH ISLAND, NEW ZEALAND
	05	13	14	46.7?	58.22	N	6.67	E	10	G		0.9	4	SOUTHERN NORWAY. MD 2.4 (BER).
	05	14	38	20.3?	5.34	S	146.98	E	165	*		1.1	6	EASTERN NEW GUINEA REG., P.N.G.
	05	15	24	16.4*	38.330	N	22.373	E	10	G		0.8	7	GREECE. ML 3.0 (ATH), 2.7 (THE).
	05	16	24	25.5	45.129	N	14.576	E	5	G		1.5	43	NORTHWESTERN BALKAN REGION. ML 3.5 (VIE), 3.4 (LDG). MD 3.6 (LJU), 3.2 (TRI). Felt on Krk Island and at Senj and Crikvenica, Croatia.
o	05	16	51	39.7	59.787	S	26.203	W	33	N	5.7 5.8	1.0	122	SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (HRV).
	05	16	53	49.3*	21.617	N	143.207	E	331	?	4.0	0.9	21	MARIANA ISLANDS REGION
	05	17	54	34.0*	25.538	S	127.695	E	10	G		1.2	7	WESTERN AUSTRALIA
	05	19	01	55.6*	43.250	N	5.721	E	10	G		0.3	10	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	05	19	38	57.9&	61.484	N	141.374	W	0		4.1		87	SOUTHERN ALASKA. <AEIC>. ML 4.1 (AEIC), 4.2 (PMR), 4.5 (PGC).
	05	19	42	07.1	33.783	S	69.964	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	05	19	49	11.6*	49.144	N	6.905	E	5	G		0.7	10	GERMANY. ML 2.5 (STR).
	05	19	53	36.5%	44.502	N	7.070	E	10	G		0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
	05	20	41	00.7*	59.856	S	26.197	W	33	N	4.7	0.8	21	SOUTH SANDWICH ISLANDS REGION
	05	21	00	10.9	2.809	N	78.903	W	26		4.9 4.4	1.1	97	NEAR WEST COAST OF COLOMBIA
	05	21	56	55.7?	7.97	S	128.02	E	33	N		0.8	5	BANDA SEA
	05	21	59	22.2&	61.453	N	141.371	W	0				26	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PGC).
	05	22	55	32.3	40.721	N	15.757	E	10	G		1.2	63	SOUTHERN ITALY. ML 4.2 (TTG), 3.9 (THE).
	05	23	25	50.7%	40.199	S	173.356	E	213	*		0.3	21	COOK STRAIT, NEW ZEALAND
	05	23	34	24.8?	31.64	S	69.56	W	142	?		0.1	5	SAN JUAN PROVINCE, ARGENTINA
	06	00	46	38.7	17.580	N	94.601	W	167	D	4.5	1.2	70	CHIAPAS, MEXICO
a	06	00	59	13.6	45.481	N	150.711	E	47	D	5.2 4.7	0.9	239	KURIL ISLANDS. Mw 5.2 (HRV).
	06	01	01	30.4*	11.513	N	87.432	W	48	*	4.6	1.1	27	NEAR COAST OF NICARAGUA
	06	01	02	05.0?	37.93	N	29.92	E	10	G		0.9	4	TURKEY. MD 3.1 (ISK).
	06	02	47	14.4	8.844	S	125.604	E	22	D	4.8 4.1	1.2	55	TIMOR REGION, INDONESIA
	06	03	15	37.1?	41.01	N	20.69	E	10	G		0.8	6	ALBANIA. ML 2.4 (THE).
	06	04	08	43.0*	6.444	N	76.657	W	33	N	3.8	1.2	7	NORTHERN COLOMBIA. MD 4.2 (UPA).
	06	04	42	02.2	26.376	S	27.445	E	5	G		0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE). mbLg 2.8 (BUL).
	06	05	31	46.5?	37.70	S	176.01	E	330	G		0.3	14	NORTH ISLAND, NEW ZEALAND
	06	05	40	00.2*	17.136	N	95.399	W	124	?	3.4	1.2	12	OAXACA, MEXICO
	06	05	51	59.1%	44.843	N	7.580	E	29	*		0.5	10	NORTHERN ITALY. ML 2.2 (GEN).
	06	06	18	00.5	17.921	N	61.436	W	10		4.2	0.8	24	LEEWARD ISLANDS. MD 3.9 (TRN).
	06	06	41	02.3	58.746	N	0.900	E	10	G		0.9	25	NORTH SEA. ML 3.5 (BGS). MD 3.3 (BER).
	06	07	21	06.2?	39.22	N	27.37	E	10	G		0.1	4	TURKEY. MD 2.8 (ISK).
	06	07	37	06.5	17.646	S	178.974	W	543		4.7	1.1	47	FIJI ISLANDS REGION
	06	08	05	35.1?	39.17	N	27.56	E	10	G		0.1	4	TURKEY. MD 2.7 (ISK).
	06	09	03	58.4	5.652	N	126.542	E	111	*	4.9	1.1	52	MINDANAO, PHILIPPINE ISLANDS
	06	09	31	01.7?	44.81	N	149.33	E	33	N	3.8	1.4	5	KURIL ISLANDS
	06	09	46	44.4	40.904	N	21.401	E	10	G		1.0	9	GREECE. ML 2.5 (THE).
	06	09	47	31.6&	45.062	N	122.649	W	5				5	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.2 (SEA). Felt in the epicentral area.
	06	09	54	05.3*	16.563	S	173.825	W	33	N	4.5	1.0	23	TONGA ISLANDS
	06	09	56	35.7	39.465	N	27.099	E	20			0.6	21	TURKEY. ML 3.8 (THE). MD 3.6 (ISK).
	06	09	57	13.0	41.788	N	25.246	E	10	G		1.1	7	GREECE-BULGARIA BORDER REGION
	06	09	59	55.7	40.893	N	21.385	E	10	G		0.4	9	GREECE. ML 2.4 (THE).
	06	10	19	12.5*	63.887	N	126.810	W	10	G		1.5	9	NORTHWEST TERRITORIES, CANADA
	06	10	24	26.9%	39.085	N	27.437	E	10	G		0.5	9	TURKEY. MD 3.2 (ISK).
	06	12	19	57.6%	28.059	S	26.915	E	5	G		0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	06	12	34	44.4%	26.904	S	26.918	E	10	G		0.9	5	REPUBLIC OF SOUTH AFRICA
	06	13	06	28.7%	40.238	N	29.273	E	10	G		0.7	5	TURKEY. MD 2.7 (ISK).
	06	13	36	06.0?	39.14	N	27.51	E	10	G		0.6	4	TURKEY. MD 2.8 (ISK).
	06	13	51	07.2?	10.29	S	165.12	E	33	N	4.4	1.2	11	SANTA CRUZ ISLANDS
	06	14	50	16.3%	43.257	N	12.666	E	10	G		1.1	5	CENTRAL ITALY
	06	14	51	52.6%	41.107	N	28.735	E	10	G		0.3	8	TURKEY. MD 2.8 (ISK).
	06	15	04	32.3%	43.262	N	12.680	E	10	G		1.3	5	CENTRAL ITALY
	06	15	10	48.7	35.941	N	27.691	E	110	?		1.0	14	DODECANESE ISLANDS. MD 4.1 (HLW), 3.8 (ATH).
	06	15	30	04.6*	66.966	N	21.177	E	33	N		1.5	6	SWEDEN
	06	16	18	12.1	41.180	N	21.986	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 1.9 (SKO).
	06	16	33	54.8&	39.359	N	123.230	W	4				7	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	06	16	38	11.7*	10.253	N	61.246	W	33	N		0.7	7	TRINIDAD. MD 3.5 (TRN).
	06	16	50	50.3	28.981	S	68.505	W	111	*		1.0	14	LA RIOJA PROVINCE, ARGENTINA

	06	17	10	47.7*	37.708	N	21.412	E	10	G			0.7	6	SOUTHERN GREECE. ML 3.3 (ATH).
	06	17	23	47.4	26.334	S	27.373	E	5	G	4.7		1.0	33	REPUBLIC OF SOUTH AFRICA. mbLg 4.3 (BUL). Felt widely in central Transvaal.
	06	17	57	32.2	60.547	N	5.395	E	10	G			0.9	6	SOUTHERN NORWAY. MD 1.8 (BER).
	06	18	43	05.2	25.362	S	179.973	W	503	*	4.9		1.1	66	SOUTH OF FIJI ISLANDS
	06	19	09	01.3	20.188	S	173.622	W	31	D	5.2	4.8	1.1	107	TONGA ISLANDS
	06	19	35	51.3?	48.38	N	1.64	W	10	G			0.3	4	FRANCE. ML 1.7 (LDG).
	06	19	58	50.5	41.965	N	23.082	E	10	G			0.8	10	GREECE-BULGARIA BORDER REGION. ML 2.1 (SKO).
	06	20	01	45.4*	2.299	N	126.615	E	33	N	4.8		0.8	15	NORTHERN MOLUCCA SEA
	06	20	39	42.3%	31.198	S	116.418	E	5	G			0.4	5	WESTERN AUSTRALIA
	06	21	27	00.5&	61.582	N	141.769	W	0					45	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.4 (PGC).
	06	21	39	22.9	40.528	N	32.428	E	10	G			1.1	21	TURKEY. MD 3.8 (ISK). Felt in the Ankara area.
	06	21	52	27.6	26.369	S	27.648	E	5	G			1.2	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	06	22	36	39.3&	61.627	N	141.794	W	0					32	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PGC).
	06	22	46	04.8	32.174	S	179.915	W	229	D	5.2		1.1	174	SOUTH OF KERMADEC ISLANDS
	06	22	55	25.3	43.715	N	12.675	E	33	N			1.1	26	CENTRAL ITALY. ML 3.1 (LDG). MD 3.0 (FIR), 2.9 (TRI).
	06	23	03	19.4%	44.847	N	6.889	E	5	G			0.4	5	FRANCE. ML 1.6 (GEN).
	06	23	24	47.7	43.031	N	17.792	E	5	G	3.6		1.2	121	NORTHWESTERN BALKAN REGION. ML 4.1 (ZAG), 3.9 (ROM), 3.9 (TIR), 3.8 (VIE). MD 4.2 (TRI), 4.1 (LJU), 4.0 (TTG). Felt along the coast of Croatia from Imotski to Dubrovnik. Also felt at Grude, Bosnia-Herzegovino.
	06	23	28	28.2%	26.392	S	27.495	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	06	23	32	16.4	43.032	N	17.859	E	9				0.9	40	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG), 3.2 (ROM). MD 3.5 (LJU).
	06	23	52	56.3?	42.92	N	18.10	E	10	G			0.9	9	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	06	23	52	57.5	38.761	N	26.063	E	10	G			0.9	16	AEGEAN SEA. ML 3.4 (THE). MD 3.5 (ISK), 3.2 (ATH).
	07	00	29	54.8?	42.97	N	18.08	E	10	G			0.8	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	07	00	58	21.6*	5.573	S	102.345	E	33	N	4.6		0.4	9	SOUTHERN SUMATERA, INDONESIA
	07	01	30	10.5	13.952	S	75.264	W	87	D	4.5		1.0	31	CENTRAL PERU
	07	02	20	24.5%	38.725	N	28.013	E	10	G			0.7	8	TURKEY. MD 3.2 (ISK).
	07	02	23	25.7	51.529	N	175.258	W	33	N	3.7		1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	02	36	30.5&	61.076	N	152.949	W	164		3.7			64	SOUTHERN ALASKA. <AEIC>.
	07	02	38	55.9%	45.313	S	167.084	E	150	*			0.4	16	SOUTH ISLAND, NEW ZEALAND
	07	03	22	42.2	36.498	N	27.931	E	105	?			0.9	17	DODECANESE ISLANDS. MD 4.2 (HLW).
	07	03	40	05.1	63.257	N	151.257	W	10	G			0.7	9	CENTRAL ALASKA. ML 2.8 (PMR).
	07	03	50	39.3?	6.10	N	76.83	W	33	N	3.5		0.8	5	NORTHERN COLOMBIA
	07	04	32	34.8&	45.053	N	122.618	W	22					5	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.4 (SEA).
	07	05	02	12.2	32.417	N	141.555	E	38	*	4.8	4.3	0.8	70	SOUTH OF HONSHU, JAPAN
	07	05	03	04.9?	38.47	N	21.97	E	10	G			0.9	5	GREECE. ML 2.4 (THE).
	07	05	31	50.7?	6.99	N	72.81	W	198	?	3.6		1.0	9	NORTHERN COLOMBIA
	07	06	55	03.2	19.304	S	70.377	W	56	D	4.9		1.3	44	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Putre; (III) at Iquique and Cuya. Landslides occurred along the A5 highway. Also felt (IV) at Tocna, Peru.
	07	06	55	24.1&	32.896	N	118.467	W	10					9	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	07	07	01	25.2%	26.904	S	26.835	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	07	07	08	02.1%	26.380	S	27.496	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	07	07	41	16.4*	22.794	S	66.341	W	263	*			1.1	10	JUJUY PROVINCE, ARGENTINA
	07	08	17	05.9	22.803	N	121.002	E	10	G	4.2		1.4	18	TAIWAN REGION. ML 4.4 (BJI).
	07	08	42	22.0*	44.589	N	149.402	E	33	N	4.8		1.1	26	KURIL ISLANDS
	07	08	55	45.6*	7.353	N	77.039	W	38	*	4.0		1.2	15	PANAMA-COLOMBIA BORDER REGION. MD 4.2 (UPA).
	07	09	25	46.3&	63.275	N	151.107	W	15					44	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.0 (PMR).
	07	09	36	45.2	40.517	N	21.937	E	10	G			1.3	8	GREECE. ML 2.2 (THE).
	07	10	08	05.6*	6.825	N	73.119	W	158	*	4.1		1.5	19	NORTHERN COLOMBIA. MD 4.7 (UPA).
	07	10	27	30.4?	39.09	N	27.62	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	07	11	10	20.8	41.143	N	28.469	E	10	G			0.4	6	TURKEY. MD 2.8 (ISK).
o	07	11	22	45.8	35.419	S	54.023	E	21	D	5.2	4.6	0.9	35	SOUTH INDIAN OCEAN. Mw 5.2 (HRV).
	07	11	56	10.0%	39.412	N	22.758	E	10	G			0.2	5	GREECE. ML 1.8 (THE).
	07	12	15	03.8	34.347	N	25.152	E	39		4.5		1.2	96	CRETE. MD 4.4 (HLW), 4.3 (ATH).
	07	12	53	21.8	1.315	N	123.116	E	33	N	4.9	4.4	1.1	35	MINAHASSA PENINSULA, SULAWESI
	07	14	11	24.5%	18.346	N	66.459	W	33	N			1.2	6	PUERTO RICO REGION
	07	14	32	23.5&	58.254	N	151.440	W	18		2.6			51	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	07	14	33	36.8	48.025	N	7.058	E	5	G			0.4	7	FRANCE. ML 1.7 (STR).
	07	15	10	25.5%	40.368	N	27.925	E	10	G			0.5	7	TURKEY. MD 2.9 (ISK).
	07	15	24	40.8	44.124	N	128.622	W	10	G	3.8		1.1	33	OFF COAST OF OREGON
	07	16	12	50.8?	6.73	S	147.01	E	10	G	4.2		0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	07	16	34	02.7?	39.24	N	27.74	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	07	16	36	03.2	44.422	N	7.223	E	10	G			0.4	27	NORTHERN ITALY. ML 2.4 (LDG), 2.2 (GEN).
	07	16	40	09.0	43.462	N	12.289	E	10	G			0.8	8	CENTRAL ITALY
	07	16	50	20.3*	6.924	N	72.730	W	191	*	4.3		0.8	13	NORTHERN COLOMBIA
	07	17	09	01.2*	13.861	S	166.923	E	101	?	4.5		0.8	26	VANUATU ISLANDS
	07	17	11	10.1*	51.473	N	172.897	W	33	N	3.8		1.2	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	17	18	02.2%	41.084	N	23.308	E	10	G			0.4	5	GREECE-BULGARIA BORDER REGION. ML 1.7 (THE).
	07	17	33	36.0*	3.227	S	142.834	E	33	N	4.2		0.9	11	NEAR N COAST OF NEW GUINEA, PNG.
	07	18	09	16.8?	44.31	N	6.82	E	10	G			0.6	5	FRANCE. ML 1.5 (GEN).
	07	18	09	36.2%	44.421	N	7.222	E	10	G			0.0	5	NORTHERN ITALY. ML 1.4 (GEN).
	07	18	18	17.9%	26.870	S	26.819	E	5	G			0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	07	18	59	21.8	16.259	N	145.503	E	413		4.4		1.0	40	MARIANA ISLANDS
	07	19	25	15.0%	43.016	N	18.063	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	07	19	36	27.7&	34.005	N	116.352	W	4					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	19	56	43.7*	51.267	N	15.640	E	5	G			1.2	14	POLAND. ML 3.6 (GRF), 3.6 (VIE).
	07	20	26	32.5%	32.947	S	71.405	W	33	N			0.6	6	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	07	21	50	33.4	45.150	N	14.823	E	10	G			1.2	21	NORTHWESTERN BALKAN REGION. MD 3.4 (LJU). Felt on Krk Island, Croatia.
	07	21	58	48.6*	41.700	N	127.012	W	10	G	3.1		0.6	27	OFF COAST OF NORTHERN CALIFORNIA
	07	22	14	56.1&	60.030	N	152.696	W	91		3.4			68	SOUTHERN ALASKA. <AEIC>.
	07	22	19	24.0*	11.385	N	88.375	W	33	N	4.2		1.1	20	OFF COAST OF CENTRAL AMERICA. MD 4.1 (APY).
	07	22	35	08.2	39.765	N	20.665	E	10	G			0.8	7	GREECE-ALBANIA BORDER REGION. ML 2.0 (THE).
	07	23	57	03.3&	34.019	N	116.348	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	08	00	13	46.3	7.173	N	77.152	W	27		4.6	4.4	0.9	54	PANAMA-COLOMBIA BORDER REGION. MD 4.6 (UPA).
	08	00	16	07.7&	32.872	N	118.462	W	6	G				12	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	08	00	16	51.5	49.163	N	6.969	E	10	G			1.1	18	GERMANY. ML 2.5 (STR), 2.3 (UCC).
	08	00	17	31.1*	36.624	N	71.281	E	179	?	4.0		0.7	15	AFGHANISTAN-TAJIKISTAN BORD REG.
o	08	00	20	00.1	24.605	S	175.931	W	43	*	5.1	5.4	1.1	106	SOUTH OF TONGA ISLANDS. Mw 5.2 (HRV).

	08	01	01	57.4*	11.945	N	88.279	W	53	*	4.1		1.3	24	OFF COAST OF CENTRAL AMERICA. MD 4.5 (GCG), 4.2 (APY).
	08	01	22	12.7*	39.554	N	23.466	E	10	G			0.8	7	AEGEAN SEA
	08	01	59	25.4?	44.60	N	129.00	W	10	G			0.5	39	OFF COAST OF OREGON
	08	02	10	32.8&	35.960	N	120.510	W	8					30	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (PAS), 3.0 (GS).
	08	02	58	17.6	12.689	N	88.714	W	81	*	4.2		0.8	16	OFF COAST OF CENTRAL AMERICA. MD 4.2 (GCG).
	08	03	21	25.7%	39.333	N	27.702	E	10	G			0.8	5	TURKEY. MD 2.8 (ISK).
	08	03	42	21.3%	26.879	S	26.917	E	5	G			1.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
a	08	03	49	33.2	35.653	N	77.652	E	42		5.0	4.6	1.1	188	EASTERN KASHMIR. Mw 5.2 (HRV).
	08	04	38	00.7&	59.589	N	151.031	W	10					42	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	08	04	45	42.9?	34.43	S	71.09	W	60	G			0.3	7	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	08	04	46	42.6%	26.848	S	26.840	E	5	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	08	05	09	33.9*	51.080	N	19.951	E	10	G	3.3		0.7	5	POLAND. ML 3.0 (WAR).
	08	05	27	59.9*	35.802	N	78.298	E	33	N	3.8		1.5	9	EASTERN KASHMIR
	08	05	30	01.1*	32.345	S	70.851	W	100	G			0.8	11	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	08	05	56	33.0	1.828	N	126.417	E	50		5.1	4.3	1.1	111	NORTHERN MOLUCCA SEA
	08	06	08	12.1	49.155	N	6.800	E	10	G			0.6	15	GERMANY. ML 2.5 (STR), 2.4 (UCC).
	08	06	24	16.8&	45.031	N	122.643	W	20					3	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.0 (SEA).
	08	06	37	19.4?	35.29	N	75.55	E	33	N	3.5		0.5	8	EASTERN KASHMIR
	08	07	34	17.3?	32.20	S	178.04	W	484	?	4.2		1.4	33	SOUTH OF KERMADEC ISLANDS
	08	08	20	08.0	16.004	N	60.903	W	33	N			0.4	10	LEEWARD ISLANDS. ML 3.0 (FDF). MD 3.3 (TRN).
	08	08	33	25.3?	16.91	N	99.77	W	33	N			1.4	6	NEAR COAST OF GUERRERO, MEXICO
	08	09	10	04.6&	39.170	N	76.800	W	5	G				2	CHESAPEAKE BAY REGION. <MACRO>. Felt at Columbia, Maryland.
	08	09	25	41.9&	60.237	N	152.174	W	69					45	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	08	09	48	03.8*	37.902	N	47.985	E	10	G	4.7		1.3	12	NORTHWESTERN IRAN. Several people injured in the Sarab-Ardabil area.
	08	09	57	31.0%	26.869	S	26.798	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	08	10	02	41.6	40.478	N	21.891	E	10	G			0.8	6	GREECE. ML 2.2 (THE).
	08	10	25	09.8%	26.271	S	27.697	E	5	G			0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	08	11	00	56.3&	58.340	N	154.137	W	69					35	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
	08	11	30	16.1	20.600	S	176.739	W	307	?	4.7		1.1	94	FIJI ISLANDS REGION
	08	11	31	32.9?	17.77	N	95.88	W	33	N			0.9	5	OAXACA, MEXICO
	08	11	34	30.3?	39.11	N	27.75	E	10	G			0.1	4	TURKEY. MD 2.8 (ISK).
	08	11	47	06.7	41.585	N	22.276	E	10	G			0.8	9	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO), 2.2 (THE).
	08	12	39	06.5&	34.009	N	117.221	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	08	12	41	21.9%	31.024	S	116.912	E	10	G			0.5	5	WESTERN AUSTRALIA
a	08	12	49	28.7	4.409	S	120.124	E	31	D	5.3	4.8	1.3	112	SULAWESI, INDONESIA. Mw 5.4 (HRV).
	08	13	14	39.9?	47.35	N	11.71	E	10	G			0.6	4	AUSTRIA. ML 1.6 (VIE).
	08	13	17	21.8%	40.688	N	23.446	E	10	G			0.3	6	GREECE. ML 1.7 (THE).
	08	14	10	31.2	43.598	S	123.533	E	10	G	4.9		1.0	38	SOUTH OF AUSTRALIA
	08	14	11	35.4?	40.52	N	28.93	E	10	G			0.2	4	TURKEY. MD 2.5 (ISK).
	08	14	21	09.6%	38.306	S	175.827	E	211	*			0.5	26	NORTH ISLAND, NEW ZEALAND
	08	16	26	48.3*	36.816	S	73.442	W	10	G	4.8		1.1	29	NEAR COAST OF CENTRAL CHILE. Felt (IV) in the Talcahuano area.
	08	17	36	53.4?	44.68	N	10.90	E	10	G			0.1	4	NORTHERN ITALY
	08	17	38	44.5?	44.66	N	10.84	E	10	G			0.2	4	NORTHERN ITALY
	08	17	48	21.2	39.136	N	27.940	E	10	G			0.8	9	TURKEY. MD 2.9 (ISK).
	08	17	49	43.6?	37.17	N	20.41	E	10	G			1.2	5	IONIAN SEA. ML 3.5 (ATH).
	08	17	55	23.2	38.659	N	26.017	E	33	N			0.8	23	AEGEAN SEA. ML 3.6 (ATH). MD 3.5 (ISK).
	08	18	18	28.5%	40.636	N	22.783	E	10	G			0.3	7	GREECE. ML 1.3 (THE).
	08	18	24	57.6*	37.556	N	21.024	E	10	G			0.9	5	SOUTHERN GREECE. ML 3.5 (ATH).
	08	18	38	40.1%	41.182	N	23.045	E	10	G			0.2	5	GREECE-BULGARIA BORDER REGION. ML 1.8 (THE).
	08	18	39	30.3%	42.462	S	174.295	E	27				0.9	32	OFF E. COAST OF S. ISLAND, N.Z. ML 4.0 (WEL).
a	08	19	13	10.7	18.222	N	71.132	W	13	D	5.3	4.7	1.0	249	DOMINICAN REPUBLIC REGION. Mw 5.2 (HRV). Felt widely in the Barahona area.
	08	19	15	17.3	39.705	N	20.631	E	13				1.0	16	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
a	08	20	17	21.3	6.215	N	120.230	E	46		5.2	4.5	0.9	88	SULU ARCHIPELAGO. Mw 5.2 (HRV).
	08	20	19	33.7&	34.023	N	116.323	W	11					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt.
	08	21	18	58.6&	59.203	N	153.509	W	99					53	SOUTHERN ALASKA. <AEIC>.
	08	21	30	45.1	35.372	N	75.318	E	33	N	4.6		1.4	35	EASTERN KASHMIR
	08	21	38	20.1*	20.417	S	168.479	E	10	G	4.3		0.9	8	LOYALTY ISLANDS
	08	22	03	07.5?	31.41	S	69.35	W	137	?			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	08	22	16	50.8?	9.71	S	123.85	E	126	?			0.4	5	TIMOR REGION, INDONESIA
	08	22	42	35.6%	40.431	N	23.792	E	10	G			0.7	8	GREECE. ML 2.4 (THE).
	08	22	50	40.0?	28.02	N	100.88	E	10	G	4.2		0.1	4	SICHUAN, CHINA. ML 4.1 (BJI).
	08	23	42	27.6	41.989	N	19.342	E	10	G			0.5	10	ALBANIA. ML 2.2 (TTG).
	09	00	06	17.0*	11.986	N	88.172	W	51	*	4.5		1.3	38	OFF COAST OF CENTRAL AMERICA. MD 4.3 (APY), 4.3 (GCG).
	09	01	11	28.8?	46.02	N	7.61	E	10	G			0.6	5	SWITZERLAND. ML 2.0 (LDG).
	09	01	13	01.5	46.090	N	7.828	E	10	G			1.0	20	SWITZERLAND. ML 2.7 (LDG).
	09	01	46	56.0?	66.42	N	149.79	W	10	G			1.3	8	NORTHERN ALASKA. ML 2.6 (AEIC).
	09	01	53	47.0?	35.50	N	75.50	E	33	N			0.7	8	EASTERN KASHMIR
	09	02	19	12.2	39.252	N	28.160	E	10	G			1.0	12	TURKEY. MD 3.2 (ISK).
	09	02	52	24.8?	12.14	N	87.82	W	103	?	3.9		1.5	10	NEAR COAST OF NICARAGUA
	09	03	22	44.9?	15.45	N	60.69	W	100	G			0.6	6	LEEWARD ISLANDS
	09	03	35	35.7	2.700	N	128.334	E	189		5.0		1.0	89	HALMAHERA, INDONESIA
	09	03	38	32.4	51.625	N	16.170	E	10	G	4.1		0.9	40	POLAND. ML 4.1 (GRF), 4.0 (VIE).
	09	04	00	49.5%	16.154	N	60.839	W	33	N			0.1	5	LEEWARD ISLANDS
	09	05	06	55.5	49.142	N	6.880	E	10	G			0.9	18	GERMANY. ML 2.6 (STR), 2.3 (UCC).
	09	05	12	02.5*	13.687	N	143.670	E	33	N	4.5		0.4	7	SOUTH OF MARIANA ISLANDS
	09	05	34	25.7*	7.742	S	156.705	E	33	N	4.5		1.2	9	SOLOMON ISLANDS
	09	05	43	26.3%	40.846	N	30.321	E	10	G			0.6	8	TURKEY. MD 3.1 (ISK).
	09	05	54	17.3?	31.48	S	13.59	W	10	G	5.5	5.1	1.1	12	SOUTHERN MID-ATLANTIC RIDGE
	09	06	18	25.0%	26.427	S	27.433	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	09	06	27	41.2?	36.95	N	8.75	E	10	G			1.3	19	TUNISIA. mbLg 3.8 (MDD).
	09	06	55	31.8%	38.401	S	175.849	E	211	*			0.4	21	NORTH ISLAND, NEW ZEALAND
	09	06	57	52.9&	37.653	N	118.900	W	5					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
	09	07	07	50.3*	33.801	N	140.322	E	94	?	3.9		0.8	16	SOUTH OF HONSHU, JAPAN
	09	10	22	58.9*	31.412	S	68.196	W	116	?			0.8	9	SAN JUAN PROVINCE, ARGENTINA
	09	10	35	11.2	29.431	N	51.952	E	33	N	4.5		1.4	27	SOUTHERN IRAN
	09	11	16	19.6&	59.246	N	153.585	W	90					36	SOUTHERN ALASKA. <AEIC>.
	09	11	17	09.1*	57.626	N	154.283	W	77	?	2.9		1.0	9	KODIAK ISLAND REGION
a	09	11	35	38.1	14.937	N	120.510	E	34		5.6	5.6	1.2	233	LUZON, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Felt strongly

													in the Angeles-Olongapo area. Felt (III RF) at Tagaytay and (II RF) at Quezon City.
	09	12 00	15.3*	13.324	N	122.727	E	32	*	4.4		0.7	7 LUZON, PHILIPPINE ISLANDS
	09	12 10	04.6%	40.843	N	28.554	E	10	G			0.2	5 TURKEY. MD 2.7 (ISK).
	09	12 13	09.8?	39.19	N	27.43	E	10	G			0.5	4 TURKEY. MD 2.7 (ISK).
	09	12 24	45.6%	40.895	N	23.917	E	10	G			0.5	5 GREECE. ML 1.9 (THE).
	09	12 29	19.1*	28.811	N	98.124	W	5	G	4.1		0.8	23 SOUTHERN TEXAS. mbLg 4.3 (GS). Slight damage (V) in the Campbelltan-Fashing area. Felt (IV) at Calliham, Christine, McCoy, Peggy, Three Rivers and Whitsett; (III) at Charlotte, Cay City, Hobson, Sutherland Springs and Tilden. Also felt at Converse, Jourdanton and Pleasanton. Felt in parts af Atascosa, Bexar, Karnes, Live Oak, McMullen and Wilsan Counties.
	09	12 56	20.4?	42.01	N	24.41	E	10	G			0.3	5 BULGARIA. ML 2.5 (THE).
	09	13 20	12.8?	18.74	N	65.41	W	28	*			0.2	7 PUERTO RICO REGION
	09	13 35	17.8?	44.35	N	8.16	E	10	G			0.8	5 NORTHERN ITALY. ML 2.4 (LDG).
	09	13 43	23.0*	14.877	N	121.294	E	33	N	4.3		1.0	5 LUZON, PHILIPPINE ISLANDS
	09	14 26	29.7?	38.23	N	21.60	E	5	G			0.4	9 GREECE. ML 3.2 (THE).
	09	14 37	35.9	27.910	N	101.071	E	10	G	4.3		1.3	10 SICHUAN, CHINA. ML 4.2 (BJI).
	09	15 09	57.0%	44.393	N	8.321	E	10	G			0.4	8 NORTHERN ITALY. ML 2.0 (GEN).
	09	16 04	30.3%	28.037	N	16.899	W	10	G			1.5	5 CANARY ISLANDS REGION. mbLg 3.1 (MDD). Felt (III) at Callao Salvaje, Tenerife.
	09	16 21	54.1%	34.282	S	70.657	W	90	G			0.2	7 CHILE-ARGENTINA BORDER REGION
	09	16 24	15.1	13.181	N	92.941	E	33	N	4.5		1.2	21 ANDAMAN ISLANDS, INDIA
	09	16 29	32.0?	37.22	N	28.82	E	10	G			0.2	4 TURKEY. MD 3.2 (ISK).
	09	16 52	54.7	43.116	N	18.084	E	13				1.1	25 NORTHWESTERN BALKAN REGION. ML 3.1 (TTG).
	09	16 59	44.9	32.655	S	69.867	W	115				1.2	24 MENDOZA PROVINCE, ARGENTINA. MD 4.4 (SAN).
	09	18 46	41.7%	26.428	S	27.366	E	5	G			0.5	5 REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	09	19 11	30.2	45.857	N	11.973	E	10	G			0.8	39 NORTHERN ITALY. ML 3.5 (GRF), 3.2 (VIE).
	09	20 19	13.7*	29.229	N	142.296	E	33	N	4.3		0.7	11 SOUTH OF HONSHU, JAPAN
	09	21 21	10.8?	4.33	S	130.24	E	121	?			0.8	5 BANDA SEA
	09	21 40	39.9%	40.380	N	29.449	E	10	G			0.5	10 TURKEY. MD 2.8 (ISK).
	09	21 51	54.8&	37.370	N	119.052	W	6					19 CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
	09	21 54	35.8	49.887	N	18.454	E	15				0.7	16 CZECH AND SLOVAK REPUBLICS. ML 3.7 (GRF).
	09	22 08	16.3	32.484	N	89.488	E	10	G	4.7		1.2	12 XIZANG
	09	22 16	48.9?	9.82	S	122.80	E	33	N	4.6	4.9	1.1	9 SAVU SEA
	09	22 22	04.5*	45.593	N	26.722	E	155	?			1.1	11 ROMANIA
	09	23 01	22.0	3.547	S	145.947	E	33	N	4.7	4.4	1.1	23 NEAR N COAST OF NEW GUINEA, PNG.
	10	00 16	02.1&	38.820	N	122.798	W	4					19 NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
	10	00 40	58.9?	6.80	S	125.50	E	497	?	4.6		0.6	7 BANDA SEA
	10	00 51	04.0?	23.05	S	179.38	W	540	G	4.4		1.0	28 SOUTH OF FIJI ISLANDS
	10	01 02	43.3*	27.596	S	66.233	E	10	G	4.9		0.9	25 SOUTH INDIAN OCEAN
	10	01 10	50.7?	5.60	N	82.91	W	10	G	4.4		1.4	6 SOUTH OF PANAMA. MD 4.2 (UPA).
	10	01 12	44.7*	33.675	S	70.700	W	80	G			1.1	8 CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	10	01 29	09.9?	5.67	S	149.09	E	33	N	4.2		0.9	5 NEW BRITAIN REGION, P.N.G. ML 4.2 (PMG).
	10	01 45	38.5%	38.294	S	175.914	E	206	*			0.5	25 NORTH ISLAND, NEW ZEALAND
	10	02 07	09.7	43.284	N	0.666	W	9				1.1	23 PYRENEES. MD 3.2 (BTH). mbLg 3.0 (MDD). ML 2.8 (LDG).
	10	02 07	48.1	24.309	S	69.829	W	83	*	4.3		1.2	21 NORTHERN CHILE
	10	02 09	31.3%	39.149	N	28.021	E	5	G			0.3	7 TURKEY. MD 2.8 (ISK).
	10	02 18	21.5	44.462	N	9.844	E	16				0.8	29 NORTHERN ITALY. ML 2.6 (GEN), 2.4 (LDG).
	10	03 03	13.9	50.329	N	18.868	E	10	G			0.9	9 POLAND. ML 3.6 (WAR).
	10	03 09	39.0?	53.80	N	163.96	W	33	N	3.8		1.1	16 UNIMAK ISLAND REGION
	10	03 13	06.3?	28.04	N	101.23	E	10	G	4.4		1.3	5 SICHUAN, CHINA. ML 4.4 (BJI).
	10	03 46	48.5%	37.908	N	14.494	E	10	G			0.8	7 SICILY
	10	04 23	08.6*	27.794	N	100.190	E	10	G	3.6		1.5	6 YUNNAN, CHINA. ML 3.8 (BJI).
	10	05 01	23.5	1.226	N	85.069	W	33	N	4.5		1.0	34 OFF COAST OF ECUADOR
	10	05 14	16.5	38.954	N	27.163	E	10	G			0.2	5 TURKEY. MD 2.9 (ISK).
	10	05 52	47.6&	63.883	N	148.584	W	16					35 CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
	10	06 22	17.0&	63.112	N	150.855	W	137					44 CENTRAL ALASKA. <AEIC>.
	10	06 39	01.7?	51.16	N	178.19	W	33	N	4.2		1.2	17 ANDREANOF ISLANDS, ALEUTIAN IS.
	10	06 52	41.1*	0.214	S	124.628	E	90	*	4.4		0.8	10 SOUTHERN MOLUCCA SEA
	10	06 56	38.3*	16.861	N	99.008	W	33	N			0.8	7 NEAR COAST OF GUERRERO, MEXICO. Felt in southeastern Guerrero.
	10	07 35	07.4%	26.915	S	26.814	E	5	G			0.6	7 REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	10	07 59	08.7%	37.093	N	3.964	W	10	G			1.1	10 SPAIN. mbLg 3.1 (MDD).
	10	08 15	45.7&	36.567	N	121.155	W	4					15 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
	10	08 16	32.3%	39.104	N	27.677	E	10	G			0.5	5 TURKEY. MD 2.7 (ISK).
	10	08 42	49.2*	9.052	S	124.445	E	33	N	4.3		1.1	7 TIMOR REGION, INDONESIA
a	10	09 12	38.8	0.212	S	124.385	E	39	D	5.2	4.5	1.2	131 SOUTHERN MOLUCCA SEA. Mw 5.4 (HRV).
	10	09 35	44.6%	41.089	N	28.751	E	10	G			0.6	7 TURKEY. MD 2.8 (ISK).
	10	09 48	53.7%	33.659	S	71.761	W	33	N			0.6	8 NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	10	09 55	28.3?	42.94	N	128.41	W	10	G			0.4	52 OFF COAST OF OREGON
	10	10 26	36.3?	11.24	N	87.53	W	33	N	3.9		1.5	8 NEAR COAST OF NICARAGUA. MD 4.0 (APY).
	10	10 34	38.3*	56.346	N	34.390	W	10	G	4.7		1.4	18 NORTH ATLANTIC OCEAN
	10	11 37	42.3	31.808	S	68.885	W	12				1.1	10 SAN JUAN PROVINCE, ARGENTINA
	10	13 24	15.0%	39.533	N	28.505	E	10	G			0.4	7 TURKEY. MD 2.9 (ISK).
	10	13 30	44.2%	39.986	N	29.178	E	10	G			1.0	6 TURKEY. MD 2.6 (ISK).
a	10	13 31	01.3*	54.128	S	129.650	W	10	G	4.8	4.9	1.1	13 PACIFIC-ANTARCTIC RIDGE. Mw 5.5 (HRV).
	10	14 23	46.6?	56.28	N	154.78	W	33	N	3.1		0.7	4 KODIAK ISLAND REGION. ML 3.4 (PMR).
	10	14 25	06.0&	63.363	N	150.523	W	145					61 CENTRAL ALASKA. <AEIC>.
	10	15 39	15.0?	39.13	N	27.58	E	10	G			0.9	4 TURKEY. MD 2.8 (ISK).
	10	15 56	10.4?	4.01	N	125.72	E	139	?	4.7		0.6	9 TALAUD ISLANDS, INDONESIA
	10	16 05	21.6%	39.073	N	28.243	E	10	G			0.7	5 TURKEY. MD 2.7 (ISK).
	10	16 45	32.6*	38.550	N	20.509	E	10	G			1.2	12 GREECE. ML 3.2 (THE). MD 3.1 (ATH).
	10	17 54	25.4	44.442	N	7.292	E	15				0.4	19 NORTHERN ITALY. ML 3.2 (LDG), 2.6 (GEN).
	10	17 54	53.4%	39.552	N	28.562	E	10	G			0.4	8 TURKEY. MD 2.9 (ISK).
	10	17 58	07.2	8.387	S	111.254	E	88	*	5.0		1.1	36 JAWA, INDONESIA
	10	18 21	27.1	42.052	N	25.671	E	10	G			1.2	11 BULGARIA. ML 2.9 (THE). Felt (III) in the Dimitrovgrod area.
	10	18 29	48.2?	34.42	S	179.08	W	33	N	4.6		1.4	11 SOUTH OF KERMADEC ISLANDS
	10	18 46	54.9	42.992	N	1.824	W	12				0.9	23 PYRENEES. ML 3.2 (LDG). mbLg 3.2 (MDD).
	10	19 11	45.9%	44.429	N	7.278	E	10	G			0.2	5 NORTHERN ITALY. ML 1.6 (GEN).
	10	19 22	23.1%	26.407	S	27.460	E	5	G			1.2	6 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).

	10	19	45	58.4*	38.429	N	22.064	E	10	G			0.6	10	GREECE. ML 2.7 (THE).
	10	20	01	40.2&	62.554	N	152.501	W	139		3.1			49	CENTRAL ALASKA. <AEIC>.
	10	20	01	44.4	8.076	S	75.148	W	134	D	4.7		1.0	60	CENTRAL PERU
	10	20	21	56.5*	31.565	S	69.650	W	141	?			0.7	10	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	10	20	34	51.8*	23.548	S	179.281	W	530	G	4.6		0.4	17	SOUTH OF FIJI ISLANDS
	10	20	46	00.7*	19.919	S	174.083	W	26	D	4.6		0.8	16	TONGA ISLANDS
a	10	21	01	26.5	22.571	S	68.940	W	116	D	5.1		1.4	95	NORTHERN CHILE. Mw 5.3 (HRV).
	10	21	29	26.5%	28.676	S	67.617	W	33	N			0.4	5	LA RIOJA PROVINCE, ARGENTINA
	10	21	47	50.9	22.757	S	68.742	W	103	D	5.0		1.3	53	NORTHERN CHILE
	10	22	32	24.7	53.605	N	35.202	W	10	G	4.6	3.9	0.9	38	NORTH ATLANTIC OCEAN
	10	23	32	42.8%	40.545	N	23.480	E	10	G			0.3	5	GREECE. ML 1.6 (THE).
	11	00	03	24.7	40.347	N	126.398	W	10	G			0.7	22	OFF COAST OF NORTHERN CALIFORNIA. MD 3.5 (GM).
	11	00	49	11.4?	17.64	S	168.43	E	33	N	4.4		1.1	7	VANUATU ISLANDS
	11	01	45	47.3*	6.076	S	150.382	E	61	*	4.2		1.2	9	NEW BRITAIN REGION, P.N.G.
	11	01	49	23.2?	6.02	S	150.56	E	33	N	4.3		1.0	8	NEW BRITAIN REGION, P.N.G.
	11	03	02	43.9*	15.066	N	120.320	E	33	N	4.3		0.8	7	LUZON, PHILIPPINE ISLANDS
	11	03	05	18.1	44.809	N	6.770	E	10	G			0.7	12	FRANCE. ML 2.1 (LDG), 1.6 (GEN).
	11	03	10	35.3&	58.375	N	153.258	W	59		2.9			41	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
a	11	05	08	09.5	1.369	N	126.183	E	58		5.2		1.1	144	NORTHERN MOLUCCA SEA. Mw 5.3 (HRV).
	11	05	34	27.9	23.926	N	94.126	E	75		4.6		1.2	67	MYANMAR-INDIA BORDER REGION
	11	05	49	10.8?	9.92	N	125.32	E	123	*	4.1		1.3	9	MINDANAO, PHILIPPINE ISLANDS
a	11	06	00	56.4	51.287	N	178.599	W	33	N	5.6	4.8	0.9	401	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.4 (HRV). ML 5.1 (PMR).
	11	06	03	38.8?	40.79	N	30.46	E	10	G			0.9	5	TURKEY. MD 2.8 (ISK).
a	11	06	59	48.1	39.744	S	176.542	E	33	D	5.5	5.5	1.3	113	NORTH ISLAND, NEW ZEALAND. Mw 5.7 (HRV). ML 6.2 (WEL). Felt in the Napier-Wellington area.
	11	07	04	12.3	22.428	N	144.912	E	33	N	4.8	4.5	1.3	63	VOLCANO ISLANDS REGION
	11	07	11	59.3?	1.33	N	126.16	E	73	?	4.7		1.0	12	NORTHERN MOLUCCA SEA
	11	07	16	33.7&	61.429	N	150.054	W	47					46	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	11	07	23	36.7*	17.131	S	179.085	W	573	*	4.8		0.5	20	FIJI ISLANDS REGION
	11	07	56	02.9?	39.11	N	27.60	E	10	G			0.7	4	TURKEY. MD 2.8 (ISK).
	11	10	06	10.3?	13.29	N	122.88	E	33	N			1.2	4	LUZON, PHILIPPINE ISLANDS
	11	10	15	49.8	47.649	N	27.488	W	10	G	4.6		1.0	79	NORTHERN MID-ATLANTIC RIDGE
	11	10	21	33.3%	11.430	N	61.522	W	10	G			1.0	11	WINDWARD ISLANDS. MD 3.4 (TRN).
	11	10	33	32.2	42.639	N	142.385	E	135		4.7		0.8	114	HOKKAIDO, JAPAN REGION
	11	10	52	03.4&	34.145	N	116.723	W	5					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	11	10	58	05.8?	18.78	S	177.84	W	500	G	4.0		1.1	8	FIJI ISLANDS REGION
a	11	11	18	30.3	0.833	N	123.825	E	284	D	5.4		1.1	226	MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
	11	12	18	59.4?	39.07	N	27.65	E	10	G			0.3	4	TURKEY. MD 2.7 (ISK).
	11	13	03	36.5?	10.23	N	61.16	W	60	G			0.5	4	TRINIDAD. MD 2.6 (TRN).
	11	13	13	53.8*	4.729	S	152.519	E	99	?	4.7		1.0	31	NEW BRITAIN REGION, P.N.G.
	11	13	25	26.4	38.635	N	23.861	E	10	G			1.2	15	GREECE. MD 3.2 (ATH).
	11	13	25	37.1?	7.49	S	130.37	E	33	N			0.6	4	TANIMBAR ISLANDS REG., INDONESIA
	11	14	57	46.8%	44.354	N	7.279	E	5	G			0.4	10	NORTHERN ITALY. ML 2.2 (GEN).
	11	15	55	38.4?	39.11	N	27.64	E	10	G			0.3	4	TURKEY. MD 2.8 (ISK).
	11	16	05	58.3	32.142	N	40.321	W	10	G	5.0	4.5	0.8	106	NORTHERN MID-ATLANTIC RIDGE
	11	17	04	18.2*	37.649	N	21.271	E	10	G			1.4	10	SOUTHERN GREECE. MD 3.3 (ATH). ML 3.2 (THE).
	11	17	17	14.7*	8.319	S	108.181	E	77	*	4.4		1.1	7	JAWA, INDONESIA
	11	17	48	57.9?	11.48	N	62.77	W	33	N	3.8		1.3	5	WINDWARD ISLANDS. MD 3.3 (TRN).
	11	19	35	20.1	15.114	N	123.045	E	28	D	4.6	4.2	1.2	50	PHILIPPINE ISLANDS REGION
	11	19	41	42.4	3.846	S	35.638	E	28	D	5.3		1.0	130	TANZANIA
	11	19	47	43.5&	34.143	N	116.875	W	8					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	11	19	51	13.9	40.359	N	23.919	E	10	G			0.6	6	GREECE
	11	20	14	57.8*	60.167	N	15.206	E	10	G			1.1	6	SWEDEN. MD 3.7 (BER). Felt.
	11	20	30	33.6	51.433	N	179.861	W	33	N	4.7		1.1	66	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (III) on Amchitka.
	11	21	08	08.6%	44.672	N	6.818	E	10	G			0.1	8	FRANCE. ML 2.1 (GEN).
	11	21	50	08.7?	17.58	N	94.93	W	148	?	3.7		1.2	10	CHIAPAS, MEXICO
	11	22	37	39.2?	36.58	S	73.34	W	33	N	4.9		1.4	15	NEAR COAST OF CENTRAL CHILE
	11	23	22	49.2	78.181	N	126.128	E	10	G	4.8		0.8	50	EAST OF SEVERNAYA ZEMLYA, RUSSIA
	11	23	24	40.0	41.574	N	24.111	E	10	G			1.2	13	GREECE-BULGARIA BORDER REGION
	11	23	25	37.8*	29.877	N	50.919	E	42	*	4.5		1.1	46	SOUTHERN IRAN. Felt at Gach Saran.
	12	00	36	46.6?	27.92	N	100.98	E	10	G	3.8		1.6	6	YUNNAN, CHINA. ML 3.7 (BJI).
	12	00	47	33.1?	18.12	N	67.33	W	10	G			0.7	7	MONA PASSAGE
	12	00	57	57.9*	28.314	N	82.799	E	33	N	4.7		1.4	15	NEPAL
	12	01	02	16.9?	38.83	N	106.99	E	10	G			1.7	5	WESTERN NEI MONGOL, CHINA. ML 3.3 (BJI).
	12	01	23	07.1	37.969	N	20.988	E	10	G	3.1		0.9	24	IONIAN SEA. MD 3.4 (ATH).
	12	01	56	46.4%	40.821	N	28.763	E	10	G			0.7	8	TURKEY. MD 2.9 (ISK).
	12	03	13	03.2%	39.125	N	28.732	E	10	G			0.5	8	TURKEY. MD 2.9 (ISK).
	12	03	23	56.7	40.817	N	20.914	E	10	G			0.9	11	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.6 (SKO).
	12	03	48	10.6	28.704	N	95.380	E	17	D	4.5		1.2	24	EASTERN XIZANG-INDIA BORDER REG. ML 3.8 (BJI).
	12	04	00	39.0?	13.51	N	94.01	W	33	N	3.4		0.4	5	OFF COAST OF CHIAPAS, MEXICO
	12	04	23	22.1*	30.436	S	71.165	W	109	*	4.5		1.1	16	NEAR COAST OF CENTRAL CHILE. Felt (III) at Combarbala, Monte Patria and Ovalle; (II) at Caquimba, Illapel and La Serena.
	12	04	30	42.8?	15.42	N	62.39	W	33	N			1.2	6	LEEWARD ISLANDS. ML 3.0 (FDF).
	12	05	36	46.4%	42.712	N	12.670	E	10	G			0.5	5	CENTRAL ITALY
	12	06	46	58.3?	46.44	N	13.06	E	10	G			0.1	4	AUSTRIA. ML 1.5 (VIE).
	12	06	47	13.2?	22.90	S	169.77	E	33	N	4.1		1.4	5	LOYALTY ISLANDS REGION
	12	06	54	43.6*	28.038	N	100.842	E	10	G	4.2		1.5	7	SICHUAN, CHINA. ML 4.1 (BJI).
	12	07	45	36.2*	24.049	S	179.795	E	517	*	4.6		1.2	41	SOUTH OF FIJI ISLANDS
	12	07	53	26.4?	32.94	S	178.65	W	33	N	4.4		0.9	7	SOUTH OF KERMADEC ISLANDS
	12	08	21	25.9?	47.61	N	0.88	W	10	G			1.0	11	FRANCE. ML 3.0 (LDG).
	12	08	31	25.3&	64.369	N	147.312	W	8					27	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	12	08	32	27.4&	34.144	N	116.877	W	8					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt.
	12	08	56	24.1?	32.95	S	178.84	W	33	N	4.4		1.5	8	SOUTH OF KERMADEC ISLANDS
	12	09	36	24.7%	39.216	N	27.725	E	10	G			0.5	5	TURKEY. MD 2.7 (ISK).
	12	09	44	30.4	39.218	N	22.034	E	10	G			0.6	7	GREECE
	12	09	54	07.6	38.231	N	72.361	E	22	D	4.6		1.2	28	TAJIKISTAN
	12	10	05	12.7%	39.203	N	22.074	E	21	*			0.6	6	GREECE
	12	10	33	28.2?	41.62	N	23.50	E	10	G			0.2	5	GREECE-BULGARIA BORDER REGION
	12	10	42	06.0?	30.41	S	68.83	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA

	12	10	56	44.4&	32.792	N	116.116	W	3				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS). Felt at Ocotillo, California.
	12	11	18	32.8&	34.143	N	116.875	W	6	G			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS). Felt.
	12	11	25	54.7	6.648	S	130.437	E	37		4.8	5.2	59	BANDA SEA
	12	11	37	46.6*	60.193	S	151.604	E	10	G	4.5		12	WEST OF MACQUARIE ISLAND
	12	12	22	36.9?	4.07	S	133.53	E	33	N	4.0		7	IRIAN JAYA REGION, INDONESIA
	12	12	24	44.8	3.503	N	124.488	E	306	D	4.7		63	CELEBES SEA
	12	12	28	05.9?	41.58	N	23.55	E	10	G			4	GREECE-BULGARIA BORDER REGION
	12	13	58	27.5%	40.355	N	23.583	E	10	G			5	GREECE
	12	13	59	04.6&	62.871	N	149.857	W	81		3.2		71	CENTRAL ALASKA. <AEIC>.
a	12	14	00	40.9	28.330	N	57.148	E	33	D	5.2		259	SOUTHERN IRAN. Mw 5.0 (HRV).
	12	15	43	01.0%	37.916	N	21.224	E	10	G			5	SOUTHERN GREECE. MD 3.4 (ATH).
	12	15	57	58.1*	37.593	N	21.209	E	33	N	3.6		30	SOUTHERN GREECE
	12	16	04	41.3?	40.41	N	28.05	E	10	G			4	TURKEY. MD 2.5 (ISK).
	12	16	06	13.7?	34.75	S	70.89	W	100	G			6	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	12	16	17	58.4&	59.210	N	153.520	W	94				32	SOUTHERN ALASKA. <AEIC>.
	12	16	52	21.7?	41.35	N	24.49	E	10	G			4	GREECE-BULGARIA BORDER REGION
	12	17	19	26.1?	40.46	N	21.46	E	10	G			4	GREECE
	12	17	42	37.0	33.294	S	70.092	W	10		4.2		25	CHILE-ARGENTINA BORDER REGION. MD 4.6 (SAN).
	12	17	57	16.6?	32.30	S	69.05	W	33	N			4	MENDOZA PROVINCE, ARGENTINA
	12	18	59	21.5*	37.129	S	176.570	E	281	*			18	NORTH ISLAND, NEW ZEALAND
	12	19	48	43.4?	18.20	S	72.40	W	33	N	4.5		8	OFF COAST OF NORTHERN CHILE
	12	20	14	29.0?	41.92	N	23.08	E	10	G			5	GREECE-BULGARIA BORDER REGION
	12	20	20	33.9?	18.74	N	95.31	W	33	N	3.7		6	VERACRUZ, MEXICO
	12	20	42	16.2	35.671	N	23.976	E	75		3.8		73	CRETE. MD 4.4 (HLW), 3.8 (ATH).
	12	21	54	43.2?	44.52	N	7.28	E	10	G			4	NORTHERN ITALY. ML 1.6 (GEN).
	12	22	03	49.1	37.175	N	71.601	E	122	D	4.5		60	AFGHANISTAN-TAJIKISTAN BORD REG.
	12	22	27	10.7*	17.884	S	178.566	W	542	?	4.5		32	FIJI ISLANDS REGION
	12	23	25	05.8	33.245	S	70.150	W	10	G			13	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	13	00	55	51.1*	15.980	S	174.212	W	147	D	4.7		32	TONGA ISLANDS
	13	01	29	59.0?	38.36	S	175.87	E	189	?			20	NORTH ISLAND, NEW ZEALAND
	13	02	25	09.3*	22.924	S	68.836	W	134	?			7	NORTHERN CHILE
	13	02	25	46.8	18.952	N	70.690	W	79	D	4.7		133	DOMINICAN REPUBLIC REGION. Felt throughout the Dominican Republic.
	13	03	28	28.1	39.772	S	176.519	E	33	N	4.4		28	NORTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	13	04	45	17.6%	37.000	N	4.542	W	10	G			6	SPAIN. mbLg 2.5 (MDD).
	13	05	10	16.9*	36.212	N	70.972	E	51	*	4.3		23	HINDU KUSH REGION, AFGHANISTAN
	13	05	34	11.1%	37.697	N	2.486	W	10	G			6	SPAIN. mbLg 2.6 (MDD).
	13	06	23	31.2	36.307	N	69.594	E	111	*	4.7		50	HINDU KUSH REGION, AFGHANISTAN
	13	07	39	49.9*	10.663	N	69.351	W	33	N	3.7		7	VENEZUELA
	13	07	57	18.7*	23.316	S	66.789	W	218		3.9		12	JUJUY PROVINCE, ARGENTINA
	13	08	35	08.2&	61.053	N	149.958	W	40				38	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	08	42	52.9	35.915	N	71.069	E	109	*	4.4		18	PAKISTAN
	13	08	52	44.8	40.910	S	175.127	E	33	N	3.7		22	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	13	09	29	46.4%	39.094	N	27.652	E	10	G			5	TURKEY. MD 2.7 (ISK).
	13	09	31	36.5%	40.397	N	27.910	E	5	G			6	TURKEY. MD 2.7 (ISK).
	13	09	35	54.6?	39.16	N	27.45	E	10	G			4	TURKEY. MD 2.8 (ISK).
	13	10	08	13.1?	31.18	S	67.99	W	14				9	SAN JUAN PROVINCE, ARGENTINA
	13	10	28	37.9?	11.61	S	117.09	E	33	N	4.0		6	SOUTH OF SUMBAWA, INDONESIA
	13	10	32	17.7%	42.374	N	19.304	E	23	*			9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	13	10	46	25.2%	40.667	N	22.974	E	5	G			5	GREECE
	13	11	15	23.0	34.188	N	140.058	E	100	D	5.0		141	NEAR EAST COAST OF HONSHU, JAPAN
	13	11	36	18.2	44.748	N	8.364	E	45	*			23	NORTHERN ITALY
	13	11	47	05.1%	42.759	N	19.138	E	10	G			9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	13	12	35	04.5?	39.22	N	28.72	E	10	G			4	TURKEY. MD 2.6 (ISK).
	13	12	49	02.5%	41.415	N	24.313	E	10	G			6	GREECE-BULGARIA BORDER REGION
	13	14	34	50.4	8.761	S	119.572	E	107	*	4.9		38	FLORES REGION, INDONESIA
	13	15	59	36.7	22.351	N	94.197	E	85		4.7		60	MYANMAR
	13	16	05	29.5%	39.187	N	28.599	E	10	G			5	TURKEY. MD 2.8 (ISK).
	13	16	20	34.2	40.494	N	1.765	E	10	G			12	BALEARIC ISLANDS. mbLg 3.3 (MDD). ML 3.3 (LDG).
	13	16	54	33.5%	26.949	S	26.788	E	5	G			7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	13	17	56	02.0	41.190	N	75.719	E	22	D	4.7	4.0	104	KYRGYZSTAN. Felt (V) at Atbashi and Naryn.
	13	17	57	29.1*	35.214	N	30.684	E	33	N			9	EASTERN MEDITERRANEAN SEA. ML 3.2 (CSS).
	13	18	22	14.3&	62.484	N	151.449	W	96				47	CENTRAL ALASKA. <AEIC>.
	13	18	52	08.2	38.510	N	20.512	E	10	G			20	GREECE. MD 3.2 (ATH).
	13	19	12	20.1*	47.612	N	152.823	E	33	N	4.3		8	KURIL ISLANDS
	13	19	27	50.7*	1.265	N	122.483	E	33	N	4.5		14	MINAHASSA PENINSULA, SULAWESI
	13	19	28	52.8?	1.03	N	122.50	E	33	N	4.6		7	MINAHASSA PENINSULA, SULAWESI
	13	19	39	32.2	15.286	N	92.900	W	86		4.4		43	MEXICO-GUATEMALA BORDER REGION. MD 4.3 (GCG).
a	13	20	07	16.6	1.196	N	126.518	E	45		5.5	5.0	222	NORTHERN MOLUCCA SEA. Mw 5.8 (HRV).
	13	20	20	08.6%	43.180	N	18.571	E	10	G			9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	13	20	47	08.6*	26.360	N	96.232	E	86	*	4.3		13	MYANMAR
	13	21	01	43.0	40.610	N	21.308	E	10	G			13	GREECE. MD 3.0 (ATH).
	13	21	21	46.6%	31.365	S	67.984	W	33	N			6	SAN JUAN PROVINCE,. ARGENTINA
	13	21	38	58.4	39.275	N	22.141	E	10	G			13	GREECE. MD 3.0 (ATH).
	13	21	51	20.4	39.192	N	22.073	E	16				11	GREECE
	13	23	59	26.0	42.948	N	147.291	E	40	D	4.7	4.2	73	OFF COAST OF HOKKAIDO, JAPAN
	14	00	15	26.5*	7.027	N	125.143	E	33	N	4.1		11	MINDANAO, PHILIPPINE ISLANDS
	14	00	24	49.8	44.813	N	110.972	W	5	G			15	YELLOWSTONE REGION, WYOMING. ML 3.0 (GS), 3.3 (BUT).
	14	01	06	54.6	26.330	S	27.526	E	5	G			9	REPUBLIC OF SOUTH AFRICA. mbLg 3.2 (BUL). ML 3.1 (PRE).
	14	01	22	16.8*	5.235	S	153.576	E	54	D	5.0		24	NEW IRELAND REGION, P.N.G.
	14	01	40	23.9	17.689	N	78.723	W	26	D	4.5		53	JAMAICA REGION. MD 4.6 (HOJ). Felt (III) in western Jamaica.
	14	03	28	26.1&	58.821	N	152.216	W	59				33	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	14	04	16	25.6&	61.783	N	150.027	W	37				59	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	14	04	25	59.5&	40.312	N	124.573	W	19				14	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).
	14	04	31	34.2*	17.029	N	99.444	W	51	*	3.4		13	GUERRERO, MEXICO
	14	05	20	41.7	49.155	N	6.946	E	10	G			15	GERMANY. ML 2.6 (STR), 2.3 (UCC).
	14	05	49	23.6?	38.08	N	14.96	E	10	G			4	SICILY
	14	05	50	37.9?	37.75	N	72.64	E	33	N	4.1		13	TAJIKISTAN
a	14	05	58	32.6	51.131	N	168.825	W	33	N	5.6	5.4	342	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.9 (HRV). Ms 5.3

														(BRK).
	14	06	01	05.2?	61.73	N	4.09	E	10	G			0.4	4 SOUTHERN NORWAY. MD 2.2 (BER).
	14	06	04	10.0?	40.65	N	23.10	E	10	G			0.3	4 GREECE
	14	06	18	17.9?	24.60	N	94.70	E	125	?	4.3		0.7	13 MYANMAR-INDIA BORDER REGION
	14	06	33	08.8&	62.889	N	150.585	W	92					67 CENTRAL ALASKA. <AEIC>.
	14	06	37	52.9%	37.905	N	29.226	E	10	G			1.0	7 TURKEY. MD 3.2 (ISK).
	14	07	10	54.6?	5.76	S	146.58	E	121	*	4.5		1.4	8 EASTERN NEW GUINEA REG., P.N.G.
	14	07	32	29.5?	60.50	N	4.91	E	10	G			1.0	5 SOUTHERN NORWAY. MD 1.7 (BER).
	14	08	05	49.5	26.319	S	27.230	E	5	G	4.0		1.2	19 REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE). mbLg 3.9 (BUL).
	14	08	31	09.7	42.904	N	87.045	E	33	N	4.4		1.3	26 NORTHERN XINJIANG, CHINA. ML 4.8 (BJI).
	14	08	50	16.4*	5.913	S	146.668	E	116	*	4.6		1.0	11 EASTERN NEW GUINEA REG., P.N.G.
	14	08	56	46.6%	31.218	S	68.582	W	100	G			0.5	5 SAN JUAN PROVINCE, ARGENTINA
	14	09	58	04.0	38.969	N	76.811	E	27	D	4.6		1.2	42 SOUTHERN XINJIANG, CHINA
	14	10	02	02.3	17.841	S	178.744	W	569	D	5.3		1.1	69 FIJI ISLANDS REGION
	14	10	19	58.0*	11.427	N	87.720	W	33	D	4.6		1.1	33 NEAR COAST OF NICARAGUA. MD 4.9 (GCG). Felt in the Masaya area.
	14	10	29	53.4%	44.566	N	7.219	E	10	G			0.4	7 NORTHERN ITALY. ML 2.0 (GEN).
	14	10	32	06.5	44.242	N	6.163	E	10	G			1.1	56 FRANCE. ML 3.2 (LDG), 2.8 (STR).
	14	10	33	06.3	44.234	N	6.143	E	10	G			0.6	19 FRANCE. ML 3.0 (LDG), 2.4 (STR).
	14	10	58	43.4%	43.120	N	18.543	E	10	G			0.3	9 NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	14	11	54	06.4*	42.868	N	24.046	E	10	G			1.1	10 BULGARIA
	14	12	19	54.6*	42.614	N	24.096	E	10	G			1.2	11 BULGARIA
	14	12	49	59.9?	45.95	N	14.37	E	5	G			0.3	4 NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
	14	12	52	48.8%	38.832	S	175.920	E	123	*			0.7	28 NORTH ISLAND, NEW ZEALAND
	14	13	31	07.7?	26.43	S	27.40	E	5	G			0.7	4 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	14	13	37	44.4	41.129	N	22.422	E	10	G			0.3	11 NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
	14	13	44	15.1%	44.610	N	6.838	E	10	G			0.4	5 FRANCE. ML 2.0 (GEN).
	14	13	49	56.7?	14.61	S	173.92	W	33	N	4.2	4.4	1.6	13 SAMOA ISLANDS REGION
	14	13	55	00.7*	23.791	S	66.949	W	213	*	4.2		0.6	9 JUJUY PROVINCE, ARGENTINA
	14	14	09	11.5?	15.00	N	93.01	W	33	N			0.7	5 NEAR COAST OF CHIAPAS, MEXICO
	14	14	26	33.5%	40.295	N	29.162	E	10	G			0.4	6 TURKEY. MD 2.6 (ISK).
	14	15	12	01.8%	40.470	N	23.519	E	10	G			0.4	6 GREECE
	14	15	17	47.4?	39.15	N	27.41	E	10	G			0.3	4 TURKEY. MD 2.8 (ISK).
	14	15	58	53.8	19.990	N	62.863	W	10	G	3.9		1.2	13 LEEWARD ISLANDS. ML 4.3 (FDF).
	14	16	07	33.4?	7.53	N	36.22	W	10	G	4.1		1.1	7 CENTRAL MID-ATLANTIC RIDGE
	14	16	28	31.3?	12.92	N	146.28	E	33	N	4.3		1.3	6 SOUTH OF MARIANA ISLANDS
	14	17	18	45.3	40.150	N	142.351	E	51	D	4.9		1.1	120 NEAR EAST COAST OF HONSHU, JAPAN
	14	17	44	20.8	44.555	N	9.168	E	10	G			1.0	30 NORTHERN ITALY. ML 2.7 (LDG).
	14	17	55	00.6*	5.180	S	131.111	E	74	*	4.2		1.5	16 BANDA SEA
	14	18	05	19.2?	34.21	S	70.43	W	100	G			0.2	8 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	14	18	12	08.7%	37.721	S	178.242	E	82	?			1.0	14 OFF E. COAST OF N. ISLAND, N.Z.
	14	18	18	08.2	26.349	S	27.407	E	5	G			0.7	10 REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE). mbLg 2.9 (BUL).
	14	19	07	34.1%	33.265	S	70.303	W	10	G			1.0	9 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	14	19	16	46.5	6.766	N	72.922	W	166	*	4.5		0.9	16 NORTHERN COLOMBIA
	14	20	04	09.9	26.519	N	96.479	E	23	D	4.6	4.1	1.3	90 MYANMAR
	14	20	51	28.7?	41.66	N	22.85	E	10	G			0.6	5 NORTHWESTERN BALKAN REGION
	14	21	23	13.9*	26.868	S	26.765	E	5	G			1.4	9 REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.1 (BUL).
	14	21	32	36.4*	38.632	S	175.623	E	182	*	4.5		1.2	24 NORTH ISLAND, NEW ZEALAND
	14	22	59	30.2?	35.53	N	141.88	E	33	N	3.8		1.0	6 NEAR EAST COAST OF HONSHU, JAPAN
	14	23	08	34.6	34.973	S	70.154	W	20	D	4.4		1.1	27 CHILE-ARGENTINA BORDER REGION. MD 4.7 (SAN).
	14	23	11	30.5?	5.71	S	133.83	E	33	N			1.3	6 ARU ISLANDS REGION, INDONESIA
	14	23	55	14.1	44.886	N	9.784	E	10	G			1.0	17 NORTHERN ITALY. ML 2.6 (LDG).
	15	00	05	23.1?	15.76	S	121.17	E	10	G			1.1	6 NORTHWEST OF AUSTRALIA
	15	00	23	00.2%	33.230	S	69.995	W	10	G			0.2	9 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	15	00	32	15.7	38.568	N	20.455	E	11		3.1		1.3	40 GREECE. MD 3.4 (ATH).
	15	00	56	47.9%	39.798	N	22.193	E	10	G			0.6	8 GREECE
	15	01	48	27.3?	68.07	N	18.68	W	10	G	3.8		0.6	5 ICELAND REGION
	15	02	58	50.8	34.636	N	141.573	E	33	N	4.3		1.2	27 OFF EAST COAST OF HONSHU, JAPAN
	15	03	02	23.4%	46.488	N	5.714	E	10	G			0.4	5 FRANCE. ML 2.0 (LDG).
	15	03	16	32.8*	29.657	N	139.259	E	33	N	4.2		1.3	13 SOUTH OF HONSHU, JAPAN
	15	04	32	42.9?	34.80	S	70.30	W	10	G			1.1	9 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	15	04	52	09.4%	41.848	N	16.296	E	10	G			0.3	6 SOUTHERN ITALY
	15	04	53	42.9?	51.44	N	168.67	W	33	N	3.7		1.3	9 FOX ISLANDS, ALEUTIAN ISLANDS
	15	05	09	12.4&	57.644	N	152.934	W	44					43 KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	15	05	20	29.9&	45.540	N	111.703	W	6					13 MONTANA. <BUT>. ML 2.8 (BUT). Felt at Norris.
	15	05	57	19.0?	32.07	S	71.92	W	33	N			0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	15	06	06	12.9?	15.27	S	166.92	E	33	N	3.9		0.8	5 VANUATU ISLANDS
	15	06	14	22.8%	40.785	S	177.082	E	33	N			0.6	16 OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	15	06	37	39.9?	45.72	N	26.71	E	130	G			0.6	4 ROMANIA
	15	06	50	05.6&	61.350	N	147.318	W	8					73 SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	15	07	16	20.4	22.596	N	142.749	E	196	*	4.5		1.2	30 VOLCANO ISLANDS REGION
	15	07	30	37.6	26.379	S	27.441	E	5	G			1.0	10 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE). mbLg 3.0 (BUL).
	15	08	12	55.4?	47.26	N	11.26	E	10	G			0.1	4 AUSTRIA. ML 1.3 (VIE).
	15	08	27	44.4	43.259	N	18.119	E	5	G			0.7	10 NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	15	08	34	12.3	43.234	N	18.091	E	5	G			0.6	10 NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	15	08	38	36.1%	26.896	S	26.778	E	5	G			1.0	7 REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	15	09	03	32.5?	6.95	S	129.58	E	145	?	4.3		0.8	8 BANDA SEA
	15	09	19	16.1?	39.14	N	27.56	E	10	G			0.7	4 TURKEY. MD 2.7 (ISK).
	15	09	33	47.6?	26.42	S	27.40	E	5	G			0.7	6 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	15	09	55	18.7%	39.146	N	27.608	E	10	G			0.7	5 TURKEY. MD 2.6 (ISK).
	15	10	09	35.8?	39.10	N	27.53	E	10	G			1.5	4 TURKEY. MD 2.7 (ISK).
a	15	10	32	31.2	16.395	S	14.293	W	10	G	5.6	5.2	1.0	308 SOUTHERN MID-ATLANTIC RIDGE. Mw 5.6 (HRV).
	15	10	44	23.5?	39.55	N	11.71	W	10	G			1.1	23 NORTH ATLANTIC OCEAN. mbLg 3.4 (MDD).
	15	10	52	08.4%	40.406	N	28.902	E	10	G			0.7	10 TURKEY. MD 3.1 (ISK).
	15	11	10	17.2%	43.244	N	18.329	E	10	G			0.5	9 NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	15	11	33	04.0?	51.43	N	170.36	W	33	N	3.9		1.2	7 FOX ISLANDS, ALEUTIAN ISLANDS
	15	11	46	53.7?	26.44	S	27.38	E	5	G			1.1	4 REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	15	11	56	40.1%	44.453	N	7.380	E	10	G			0.5	9 NORTHERN ITALY. ML 1.9 (GEN).
	15	12	18	36.0&	40.535	N	123.655	W	32					16 NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.7 (BRK), 3.2 (GS).
	15	12	37	36.2?	10.72	N	62.62	W	33	N			1.0	5 NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
a	15	13	32	38.2	18.182	S	178.092	W	457	D	5.1		1.1	255 FIJI ISLANDS REGION. Mw 5.6 (HRV).
	15	13	46	02.7%	40.797	N	27.869	E	10	G			0.3	6 TURKEY. MD 2.7 (ISK).

	15	13	55	19.5?	11.95	N	89.17	W	33	N	3.8		0.4	5	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	15	14	40	09.0	44.202	N	6.164	E	10	G			0.7	14	FRANCE. ML 2.5 (LDG), 1.7 (STR).
	15	14	45	08.0*	36.298	N	26.630	E	131		4.5		0.9	22	DODECANESE ISLANDS. MD 4.3 (HLW).
	15	14	49	39.0%	26.929	S	26.793	E	5	G			0.7	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	15	15	23	35.6*	24.187	S	67.027	W	202	?	3.8		1.1	9	CHILE-ARGENTINA BORDER REGION
a	15	16	11	19.8	7.349	S	156.129	E	27	D	5.2	4.9	1.1	112	SOLOMON ISLANDS. Mw 5.3 (HRV).
	15	16	27	54.5	49.119	N	156.127	E	26	D	4.9	4.5	0.9	114	KURIL ISLANDS
	15	17	08	01.2&	59.985	N	152.525	W	103					41	SOUTHERN ALASKA. <AEIC>.
	15	17	53	38.4%	10.048	N	69.813	W	10	G			0.8	8	VENEZUELA
	15	18	09	19.8%	40.406	N	28.926	E	10	G			0.1	5	TURKEY. MD 2.5 (ISK).
	15	18	13	38.1?	26.14	N	128.90	E	33	N	4.0		1.3	8	RYUKYU ISLANDS
	15	18	30	46.1*	39.708	N	142.325	E	33	N	4.3		1.5	31	NEAR EAST COAST OF HONSHU, JAPAN
	15	18	44	58.4?	17.64	S	174.39	W	436	?	4.5		0.7	21	TONGA ISLANDS
	15	19	00	13.7?	30.88	S	68.35	W	33	N			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	15	19	12	39.8&	62.878	N	149.137	W	77		3.6			77	CENTRAL ALASKA. <AEIC>. Felt (III) at Cantwell.
a	15	19	43	41.2	10.300	N	125.962	E	45	D	4.9	4.2	1.2	76	LEYTE, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	15	19	57	10.5?	51.09	N	15.80	E	10	G			1.2	6	POLAND. ML 3.3 (VIE).
a	15	20	51	33.5	49.180	N	156.039	E	33	N	4.8	4.6	1.0	105	KURIL ISLANDS. Mw 5.0 (HRV).
	15	21	30	02.3%	52.499	N	0.763	W	5	G			0.4	9	UNITED KINGDOM. ML 2.3 (BGS).
	15	21	51	25.6?	39.36	N	142.24	E	33	N			1.2	5	NEAR EAST COAST OF HONSHU, JAPAN
	15	23	10	21.1&	59.584	N	153.374	W	118					39	SOUTHERN ALASKA. <AEIC>.
	15	23	13	14.1?	13.56	N	123.03	E	33	N			0.9	5	LUZON, PHILIPPINE ISLANDS. Felt at Nago.
	15	23	31	43.1*	23.858	S	68.010	W	133	*	4.3		1.7	19	NORTHERN CHILE
	15	23	35	27.0?	43.98	N	6.57	E	10	G			0.1	4	NEAR SOUTH COAST OF FRANCE
	15	23	38	19.7?	44.19	N	6.25	E	10	G			0.6	10	FRANCE. ML 2.4 (LDG).
	15	23	41	27.3	51.104	N	178.117	W	33	N	4.5		0.9	46	ANDREANOF ISLANDS, ALEUTIAN IS.
	16	00	06	09.6&	62.283	N	151.119	W	84					39	CENTRAL ALASKA. <AEIC>.
	16	01	24	24.3?	17.70	N	66.25	W	33	N			1.5	6	PUERTO RICO REGION
	16	02	01	40.6%	40.405	N	21.059	E	10	G			0.4	6	GREECE
	16	02	57	07.4*	45.767	N	14.052	E	10	G			0.4	5	NORTHWESTERN BALKAN REGION. MD 1.5 (TRI).
	16	03	29	43.1*	15.109	N	93.011	W	94	*	4.0		1.2	17	NEAR COAST OF CHIAPAS, MEXICO
	16	03	57	01.4	13.591	N	123.096	E	30	D	4.3	4.2	1.3	23	LUZON, PHILIPPINE ISLANDS
a	16	04	09	19.3	56.212	N	155.086	W	25		5.3	5.1	0.8	249	ALASKA PENINSULA. Mw 5.5 (HRV). ML 5.2 (AEIC), 5.1 (PMR). Felt (III) at Akhiok and (II) at Karluk.
	16	04	20	44.3?	39.54	N	24.95	E	10	G			0.6	4	AEGEAN SEA
	16	04	34	45.7&	56.557	N	155.097	W	172		3.0			27	ALASKA PENINSULA. <AEIC>.
	16	04	54	33.4&	59.598	N	152.833	W	103					40	SOUTHERN ALASKA. <AEIC>.
	16	06	56	52.5	41.130	N	22.425	E	10	G			0.4	6	NORTHWESTERN BALKAN REGION. ML 1.5 (SKO).
	16	07	20	59.6*	30.134	S	166.036	E	21	D	4.7	4.9	1.4	11	NORTHWEST OF NEW ZEALAND
	16	07	24	46.3%	41.886	N	13.664	E	10	G			0.3	5	SOUTHERN ITALY
	16	07	27	12.4*	30.186	S	166.096	E	33	N	4.9	4.7	1.7	18	NORTHWEST OF NEW ZEALAND
	16	07	33	07.9%	28.020	S	26.871	E	5	G			0.3	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	16	08	16	38.0?	15.56	N	93.40	W	33	N			1.3	4	NEAR COAST OF CHIAPAS, MEXICO
	16	08	44	18.5&	64.423	N	137.355	W	10	G	4.4			29	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.9 (PGC), 3.8 (AEIC).
	16	09	12	27.1	8.258	N	75.239	W	27	D	4.5		1.1	49	NORTHERN COLOMBIA
	16	09	13	24.3?	48.40	S	164.84	E	33	N	3.1		1.1	10	OFF W. COAST OF S. ISLAND, N.Z.
	16	09	31	12.0?	37.98	N	27.16	E	5	G			1.1	6	TURKEY. MD 3.3 (ISK).
	16	10	13	41.8*	30.173	S	166.067	E	17	D	5.0	4.9	1.5	23	NORTHWEST OF NEW ZEALAND
	16	10	45	32.2?	31.10	S	68.87	W	100	G			0.9	5	SAN JUAN PROVINCE, ARGENTINA
	16	10	53	11.3*	11.156	S	166.351	E	188	?	4.2		0.6	8	SANTA CRUZ ISLANDS
	16	11	31	54.6*	34.391	S	112.338	W	10	G	5.0	4.7	1.6	37	SOUTHERN EAST PACIFIC RISE
	16	11	43	04.1?	39.18	N	27.37	E	10	G			1.0	4	TURKEY. MD 2.7 (ISK).
	16	11	43	14.4%	11.312	N	61.284	W	10	G			0.6	9	WINDWARD ISLANDS. MD 3.2 (TRN).
	16	12	23	01.5%	45.455	N	24.697	E	10	G			1.6	6	ROMANIA
	16	12	27	05.9%	41.094	N	29.180	E	10	G			0.2	5	TURKEY. MD 2.8 (ISK).
	16	12	36	09.2%	38.345	S	175.827	E	228				0.4	35	NORTH ISLAND, NEW ZEALAND
	16	13	00	36.4%	40.212	S	173.322	E	200	G			0.7	28	COOK STRAIT, NEW ZEALAND
	16	13	01	22.8?	15.54	N	91.45	W	33	N			1.6	5	MEXICO-GUATEMALA BORDER REGION. MD 4.0 (GCG).
	16	13	06	42.8*	26.391	S	27.406	E	5	G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE). mbLg 3.1 (BUL).
	16	13	29	34.2*	51.391	N	168.828	W	33	N	3.9		1.3	8	FOX ISLANDS, ALEUTIAN ISLANDS
f	16	14	08	38.9	17.778	S	178.864	W	565	G	6.0		1.1	585	FIJI ISLANDS REGION. Mw 6.9 (GS), 6.9 (HRV). mb 6.0 (BRK). Mo=1.0*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	16	14	21	54.0?	3.28	N	127.70	E	162	*	4.8		0.5	11	TALAUD ISLANDS, INDONESIA
	16	14	24	30.2	15.827	N	60.295	W	10	G	4.1		0.7	20	LEEWARD ISLANDS. MD 4.0 (TRN). ML 3.6 (FDF).
	16	14	35	22.5&	34.004	N	116.321	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt (III) at Palm Springs. Also felt at White Water.
	16	14	46	13.7%	26.385	S	27.357	E	5	G			0.5	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	16	14	47	27.6&	38.840	N	122.814	W	3					7	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	16	15	12	28.2	1.667	S	135.434	E	30	D	5.2		1.1	80	IRIAN JAYA REGION, INDONESIA
	16	15	26	34.8?	60.68	N	5.57	E	10	G			0.1	4	SOUTHERN NORWAY. MD 1.6 (BER).
	16	15	43	09.4?	39.02	N	23.82	E	10	G			0.3	4	AEGEAN SEA
	16	16	47	46.1	38.061	S	176.810	E	118	*			1.3	20	NORTH ISLAND, NEW ZEALAND
	16	18	15	56.0*	34.617	N	91.499	E	33	N	3.6		0.9	9	QINGHAI, CHINA
	16	18	41	26.6*	7.479	S	128.517	E	176	*	4.4		1.4	16	BANDA SEA
	16	18	59	24.3?	45.58	N	26.32	E	130	G			0.9	4	ROMANIA
	16	19	14	21.6	49.183	N	156.022	E	32	D	4.7		0.8	51	KURIL ISLANDS
	16	19	54	26.6*	12.111	S	166.406	E	71	D	5.2		1.1	41	SANTA CRUZ ISLANDS
	16	19	56	44.6*	45.580	N	26.369	E	141	?			1.3	14	ROMANIA
	16	20	50	19.3*	1.641	S	135.474	E	19	D	5.2	4.6	0.9	82	IRIAN JAYA REGION, INDONESIA
	16	20	55	36.7*	1.690	S	135.457	E	33	N	4.9		1.3	12	IRIAN JAYA REGION, INDONESIA
	16	21	10	11.9	23.244	N	120.867	E	10	G	4.2		1.5	25	TAIWAN. ML 4.3 (BJI).
	16	22	33	09.3&	61.838	N	150.565	W	56					60	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	16	22	51	56.6%	10.780	N	62.052	W	33	N			1.2	6	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	16	22	57	15.1	33.777	S	70.217	W	107	?			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	16	23	03	12.4	49.178	N	6.956	E	10	G			0.9	18	GERMANY. ML 2.6 (STR). MD 2.4 (UCC).
	16	23	37	48.6	41.231	N	19.478	E	10	G			1.0	31	ALBANIA. MD 3.3 (ATH). ML 3.1 (TTG).
	16	23	38	23.6*	23.640	S	66.732	W	230	*			0.7	9	JUJUY PROVINCE, ARGENTINA
	16	23	47	02.2%	40.458	N	23.491	E	10	G			0.4	5	GREECE
	17	00	24	35.1	38.514	N	20.451	E	10	G			0.9	9	GREECE. MD 3.1 (ATH).
	17	01	36	36.5%	37.532	N	15.228	E	10	G			0.8	8	SICILY

	17	01	53	40.1*	2.461	S	80.005	W	33	N	4.5	4.9	1.4	19	NEAR COAST OF ECUADOR
	17	02	34	10.2*	1.741	S	135.369	E	33	N	5.0		1.0	29	IRIAN JAYA REGION, INDONESIA
	17	03	43	23.3	42.850	N	147.313	E	38	D	4.5	4.4	1.4	50	OFF COAST OF HOKKAIDO, JAPAN
	17	04	05	09.6%	39.186	S	174.668	E	29				0.7	28	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	17	04	45	00.2	38.722	N	16.695	E	10	G			1.3	17	SOUTHERN ITALY
	17	05	13	52.4?	29.19	S	68.63	W	140	?			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	17	05	29	49.2?	36.28	S	176.73	E	150	G			1.0	14	OFF E. COAST OF N. ISLAND, N.Z.
	17	06	07	51.8&	62.947	N	150.956	W	109		2.5			73	CENTRAL ALASKA. <AEIC>.
	17	06	08	26.9%	32.988	S	70.357	W	100	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	17	06	25	13.6?	15.59	N	91.96	W	225	*	3.3		1.2	7	MEXICO-GUATEMALA BORDER REGION
	17	07	03	25.4	39.149	N	144.216	E	37	D	4.9	4.2	1.1	115	OFF EAST COAST OF HONSHU, JAPAN
	17	07	32	56.4%	39.293	N	27.660	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	17	09	00	20.8%	39.154	N	27.536	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	17	09	23	38.6?	39.13	N	27.55	E	10	G			0.5	4	TURKEY. MD 2.7 (ISK).
	17	09	53	45.4?	39.51	N	29.58	E	10	G			0.1	4	TURKEY. MD 2.6 (ISK).
	17	11	19	10.8&	59.623	N	152.682	W	82		2.9			48	SOUTHERN ALASKA. <AEIC>.
	17	11	30	08.0?	39.13	N	27.59	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
	17	12	04	47.6%	43.082	N	0.910	W	5	G			0.1	6	PYRENEES. ML 1.0 (STR).
	17	12	06	50.5*	3.183	N	124.272	E	367	*	4.6		1.0	20	CELEBES SEA
	17	12	43	03.0&	34.096	N	116.440	W	11					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS). Felt.
	17	12	55	45.4&	34.097	N	116.439	W	9					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	17	13	18	07.3	26.327	S	27.389	E	5	G			1.3	12	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE). mbLg 3.3 (BUL).
	17	13	29	05.6	40.378	N	25.928	E	14				0.8	32	AEGEAN SEA. MD 3.5 (ISK), 3.4 (ATH).
	17	13	47	15.6*	51.745	N	104.660	E	33	N	3.5		1.6	9	LAKE BAYKAL REGION, RUSSIA
	17	14	23	00.6?	29.80	S	26.70	E	5	G			1.7	4	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
a	17	14	38	41.6	18.816	S	174.246	W	63	D	5.3		1.2	214	TONGA ISLANDS. Mw 5.3 (HRV).
	17	14	54	28.6?	39.15	N	27.39	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	17	15	48	22.6?	7.59	S	107.24	E	108	?	4.6		1.4	17	JAWA, INDONESIA
	17	16	19	07.1?	15.39	N	99.04	W	33	N			1.1	6	OFF COAST OF GUERRERO, MEXICO
	17	17	06	20.0*	10.194	N	62.156	W	10	G			1.2	9	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	17	17	26	36.2&	62.666	N	151.204	W	86					43	CENTRAL ALASKA. <AEIC>.
	17	17	52	27.6?	27.74	N	53.38	E	33	N	4.4		1.1	22	SOUTHERN IRAN
	17	17	53	53.6?	23.47	S	179.51	W	500	G	4.7		1.1	26	SOUTH OF FIJI ISLANDS
	17	18	10	11.7?	20.39	S	168.48	E	33	N	4.2		0.7	7	LOYALTY ISLANDS
	17	18	25	18.7%	39.028	N	22.048	E	10	G			0.2	6	GREECE
	17	18	37	44.8*	56.844	S	25.154	W	33	N	4.8		0.8	14	SOUTH SANDWICH ISLANDS REGION
	17	20	12	03.9?	37.08	N	9.79	W	10	G			1.0	19	PORTUGAL. mbLg 3.1 (MDD).
	17	20	30	48.5*	17.564	S	72.576	W	80	*	4.2		0.5	9	NEAR COAST OF PERU
a	17	20	32	44.5	16.595	S	177.397	W	10	D	5.8	6.0	1.4	282	FIJI ISLANDS REGION. Mw 6.3 (GS), 6.3 (HRV).
	17	20	33	11.4*	26.426	S	27.342	E	5	G			1.5	12	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE). mbLg 3.3 (BUL).
	17	21	39	51.1%	40.778	N	28.655	E	10	G			0.3	7	TURKEY. MD 2.7 (ISK).
	17	21	52	03.1%	39.337	N	16.308	E	10	G			0.3	5	SOUTHERN ITALY
	17	22	30	57.0*	15.307	S	167.571	E	122	*	4.7		1.3	79	VANUATU ISLANDS
	18	00	14	54.8?	10.90	N	62.16	W	80	G			0.7	5	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
	18	00	18	39.1&	65.572	N	144.262	W	15					72	NORTHERN ALASKA. <AEIC>. ML 4.3 (PMR), 4.1 (PGC), 3.8 (AEIC). Felt (IV) at Central and Circle; (I) at Delta Junction.
	18	01	24	12.2*	23.774	S	175.265	W	90	?	5.0		1.5	39	TONGA ISLANDS REGION
	18	01	34	42.3%	17.879	N	101.544	W	14				0.6	9	NEAR COAST OF GUERRERO, MEXICO
	18	02	03	21.3	45.508	N	26.336	E	143		3.7		0.7	23	ROMANIA
	18	02	16	02.7?	37.69	N	21.25	E	10	G			1.2	4	SOUTHERN GREECE. MD 3.1 (ATH).
	18	02	16	37.1%	11.151	N	61.984	W	108	?			0.3	10	WINDWARD ISLANDS. MD 3.3 (TRN).
	18	02	46	17.6?	31.61	S	179.87	W	496	?	4.4		1.3	28	KERMADEC ISLANDS REGION
	18	02	58	29.8	28.105	S	26.885	E	5	G			1.0	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.9 (BUL). ML 3.7 (PRE).
	18	02	59	43.4*	11.113	N	144.051	E	33	N	4.3		1.6	9	SOUTH OF MARIANA ISLANDS
	18	03	33	29.4*	13.060	N	95.193	E	27	D	4.9		0.9	52	ANDAMAN ISLANDS, INDIA
	18	04	02	52.7%	43.257	N	18.922	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	18	04	40	52.1%	26.801	S	26.803	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA
a	18	04	55	40.0	11.997	N	95.026	E	24	D	5.1	4.6	0.9	130	ANDAMAN ISLANDS, INDIA. Mw 5.2 (HRV).
	18	04	58	23.1	15.019	N	94.114	W	37	D	4.7		1.0	66	NEAR COAST OF OAXACA, MEXICO
	18	05	12	21.4%	36.963	N	141.112	E	33	N			0.5	9	NEAR EAST COAST OF HONSHU, JAPAN
	18	05	43	19.9	35.899	N	3.734	W	10	G			1.1	19	STRAIT OF GIBRALTAR. mbLg 4.0 (MDD).
	18	05	47	42.2	35.916	N	3.719	W	10	G			0.9	19	STRAIT OF GIBRALTAR. mbLg 3.9 (MDD).
	18	05	49	25.0?	39.01	N	23.81	E	10	G			0.5	6	AEGEAN SEA
	18	06	10	38.0	35.973	N	3.665	W	10	G			1.1	15	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	18	06	21	46.6?	41.25	N	28.69	E	10	G			0.7	4	TURKEY. MD 2.6 (ISK).
	18	06	54	04.0&	59.854	N	153.512	W	142					38	SOUTHERN ALASKA. <AEIC>.
	18	07	14	47.3	6.772	N	72.929	W	167		4.5		1.1	27	NORTHERN COLOMBIA
	18	07	27	51.9?	14.74	N	91.15	W	33	N	3.8		1.7	6	GUATEMALA
	18	07	44	59.4*	41.113	N	123.498	E	10	G	4.5		1.3	12	NORTHEASTERN CHINA. ML 4.2 (BJI).
	18	08	10	54.1&	59.895	N	153.443	W	126					34	SOUTHERN ALASKA. <AEIC>.
	18	08	28	47.5	18.353	S	69.440	W	126	D	5.1		1.3	119	NORTHERN CHILE
	18	08	34	58.8*	14.843	N	93.201	W	77	*			0.7	6	NEAR COAST OF CHIAPAS, MEXICO
	18	08	55	10.1%	39.250	N	28.057	E	10	G			0.7	11	TURKEY. MD 3.1 (ISK).
a	18	09	16	23.2	11.652	S	76.530	W	106	G	6.0		1.0	513	CENTRAL PERU. Mw 6.3 (GS), 6.3 (HRV). mb 5.8 (BRK). Six people killed, including 3 killed by earthquake-induced landslides at Lima. Thirty houses destroyed (VI) at Lima. Felt (V) at Chimbote and Huacho; (IV) at Ica and Trujillo; (III) at Huancayo and Huaraz; (II) at Chiclayo. Depth from broadband displacement seismograms.
	18	10	31	44.3*	22.414	S	174.797	W	43	D	5.0		1.2	47	TONGA ISLANDS REGION
	18	10	56	22.0&	60.643	N	142.646	W	4					30	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PGC).
	18	13	36	53.4%	43.027	N	19.149	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	18	13	37	35.2	42.991	N	19.154	E	10	G			0.6	11	NORTHWESTERN BALKAN REGION. ML 2.9 (TIR), 2.7 (TTG).
	18	13	42	08.5?	5.53	S	131.85	E	103	*			1.0	8	BANDA SEA
	18	13	55	48.1?	39.41	N	29.64	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
a	18	14	10	38.4	53.958	S	133.868	W	10	G	5.6	6.1	1.4	113	PACIFIC-ANTARCTIC RIDGE. Mw 6.3 (HRV). Ms 6.2 (BRK).
	18	14	46	36.9	21.569	S	178.930	W	582		4.8		1.1	85	FIJI ISLANDS REGION
	18	17	04	06.2	7.046	S	127.390	E	309	D	5.2		0.9	268	BANDA SEA
	18	17	34	45.1*	32.986	S	71.187	W	64	*			1.3	19	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	18	18	27	37.5*	26.506	S	67.835	E	10	G	4.8		1.1	15	SOUTH INDIAN OCEAN

	18	18	45	50.6	40.474	N	23.562	E	10	G			0.9	9	GREECE
	18	18	50	36.1	40.468	N	23.509	E	10	G			1.1	12	GREECE. MD 3.0 (ATH).
	18	19	36	36.6?	40.47	N	23.50	E	10	G			0.1	4	GREECE
	18	19	44	14.6?	31.02	S	68.94	W	100	G			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	18	21	06	54.4*	15.208	N	92.986	W	108	*	3.5		1.1	14	MEXICO-GUATEMALA BORDER REGION
	18	21	19	54.9*	4.440	S	151.577	E	226		4.8		0.7	16	NEW BRITAIN REGION, P.N.G.
	18	23	05	07.5?	31.48	S	72.49	W	33	N			1.5	7	OFF COAST OF CENTRAL CHILE
	18	23	07	01.9%	39.140	N	16.730	E	10	G			0.8	7	SOUTHERN ITALY
	18	23	08	50.5	45.111	N	146.797	E	27	D	4.7	4.1	1.0	55	KURIL ISLANDS
	19	00	18	02.3*	14.285	N	90.183	W	33	N	4.4		1.2	22	GUATEMALA. At least 50 houses were slightly damaged in Santa Rosa Department. Felt (III) at Guatemala City.
	19	00	24	04.6%	40.868	N	22.816	E	10	G			0.5	7	GREECE
	19	01	01	40.0%	40.860	N	28.195	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	19	01	08	34.5?	41.79	N	19.60	E	10	G			0.7	9	ALBANIA. ML 2.2 (TTG).
	19	01	11	48.7&	48.796	N	122.150	W	0		2.9			74	WASHINGTON. <SEA-P>. MD 3.1 (SEA). Felt in the Deming area.
	19	01	24	04.8*	21.199	N	45.937	W	10	G	4.4		1.4	17	NORTHERN MID-ATLANTIC RIDGE
	19	01	33	36.4&	34.292	N	116.945	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.
	19	01	39	16.3?	66.49	N	13.76	E	10	G			1.5	4	NORTHERN NORWAY. MD 2.7 (BER).
	19	01	44	28.7?	0.63	N	128.29	E	33	N	4.6		0.9	6	HALMAHERA, INDONESIA
	19	01	46	07.1%	39.110	N	27.853	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	19	01	52	13.5?	14.88	N	90.57	W	33	N	4.2		1.7	9	GUATEMALA
	19	02	26	06.6&	59.093	N	153.760	W	107					67	SOUTHERN ALASKA. <AEIC>.
	19	02	30	06.1	40.379	N	127.286	W	10	G	3.6		0.8	40	OFF COAST OF NORTHERN CALIFORNIA. ML 4.1 (BRK).
	19	02	46	01.7?	24.62	N	95.95	E	33	N	4.3		0.7	11	MYANMAR
	19	02	48	25.6%	39.150	N	27.982	E	10	G			0.9	7	TURKEY. MD 2.9 (ISK).
	19	03	08	18.8%	45.670	N	2.871	E	10	G			0.8	11	FRANCE. ML 2.2 (LDG).
	19	03	44	28.0&	65.383	N	134.679	W	10	G				10	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.8 (PGC).
	19	04	35	45.1%	44.226	N	11.467	E	10	G			0.2	5	NORTHERN ITALY
	19	04	58	47.0	36.355	N	27.935	E	37	*	4.2		1.4	70	DODECANESE ISLANDS. MD 4.3 (HLW), 4.2 (ATH), 4.0 (ISK).
	19	05	19	50.7*	44.345	N	43.807	E	33	N	4.0		0.8	11	NORTHWESTERN CAUCASUS
	19	05	35	57.6*	11.159	N	87.946	W	60	*	4.5		1.4	34	NEAR COAST OF NICARAGUA
	19	07	04	15.9%	39.607	N	28.794	E	10	G			0.7	10	TURKEY. MD 3.0 (ISK).
	19	07	31	52.4%	39.626	N	28.824	E	5	G			0.9	9	TURKEY. MD 2.8 (ISK).
	19	07	33	08.8?	38.84	N	28.59	E	10	G			0.6	4	TURKEY
	19	07	37	24.3%	39.120	N	27.639	E	10	G			0.3	5	TURKEY. MD 2.7 (ISK).
	19	08	14	19.0%	39.191	N	27.382	E	10	G			1.1	5	TURKEY. MD 2.7 (ISK).
	19	08	19	56.1&	40.482	N	126.067	W	7					3	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	19	09	02	08.5?	40.70	N	21.62	E	10	G			0.6	4	GREECE
	19	09	13	33.6	52.099	N	169.622	W	33	N	4.6	4.5	0.9	63	FOX ISLANDS, ALEUTIAN ISLANDS
	19	09	46	57.7%	39.629	N	29.438	E	10	G			0.6	5	TURKEY. MD 2.9 (ISK).
	19	09	53	55.4?	37.63	S	176.59	E	200	G			1.4	20	NORTH ISLAND, NEW ZEALAND
	19	11	02	08.8%	39.256	N	28.062	E	10	G			0.7	6	TURKEY. MD 2.8 (ISK).
	19	12	19	30.5?	31.92	S	69.54	W	120	G			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	19	12	58	19.0	37.479	N	71.948	E	33	N	4.7		0.6	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	19	13	02	42.9?	7.84	S	117.92	E	33	N	3.9		1.0	5	BALI SEA
	19	13	11	22.3?	39.17	N	27.47	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
	19	13	38	12.6?	41.15	N	28.78	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	19	13	58	58.6?	14.41	S	166.88	E	33	N	4.0		1.1	6	VANUATU ISLANDS
	19	14	01	25.8	1.691	S	135.368	E	33	N	4.9	4.3	0.9	29	IRIAN JAYA REGION, INDONESIA
	19	14	31	05.7&	59.233	N	152.615	W	69					33	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	15	14	20.1&	34.192	N	116.431	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
	19	15	55	30.5	1.181	N	122.615	E	24	D	4.8	4.5	1.3	48	MINAHASSA PENINSULA, SULAWESI
	19	16	14	31.8	43.404	N	5.443	E	5	G			0.6	16	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	19	16	15	19.8%	26.336	S	27.503	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	19	16	32	56.9	37.679	S	177.121	E	174	*	3.9		1.3	36	OFF E. COAST OF N. ISLAND, N.Z.
	19	17	02	16.6?	17.39	N	101.10	W	33	N			0.9	5	NEAR COAST OF GUERRERO, MEXICO
	19	17	31	17.2%	60.376	N	5.044	E	10	G			0.4	6	SOUTHERN NORWAY. MD 1.7 (BER).
	19	17	31	26.5?	38.61	N	21.71	E	10	G			0.3	8	GREECE
	19	17	35	36.6?	37.42	S	179.93	E	29		4.1		1.6	25	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
	19	17	41	43.6	41.427	N	19.597	E	10	G			1.0	12	ALBANIA. ML 2.5 (TIR), 2.4 (TTG).
	19	17	49	14.4?	17.85	S	166.23	E	33	N	4.1		0.7	5	VANUATU ISLANDS
	19	17	57	19.4&	35.029	N	116.986	W	4					10	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt at Barstow and Hinkley.
	19	18	23	52.9%	26.922	S	26.772	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	19	18	34	19.6*	6.846	N	73.095	W	162	*	4.4		1.3	11	NORTHERN COLOMBIA
	19	18	40	06.4?	31.93	S	177.21	W	33	N	4.7		1.1	5	KERMADEC ISLANDS REGION
	19	18	55	26.3%	43.674	N	11.850	E	5	G			0.7	5	CENTRAL ITALY
f	19	21	01	48.9	4.015	N	128.204	E	24	G	6.1	6.7	1.2	439	NORTH OF HALMAHERA, INDONESIA. Mw 6.8 (GS), 6.8 (HRV). Ms 6.8 (BRK). Mo=2.8*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	19	21	08	06.2*	22.594	S	69.114	W	172	*			1.0	11	NORTHERN CHILE
	19	21	21	05.7%	47.914	N	5.665	E	10	G			0.4	6	FRANCE. ML 2.2 (LDG).
	19	21	59	31.3	44.432	N	7.295	E	10	G			0.4	25	NORTHERN ITALY. ML 2.9 (LDG), 2.5 (GEN).
	19	22	12	53.8?	43.79	N	12.82	E	10	G			0.5	4	CENTRAL ITALY
	19	22	17	37.5%	39.642	N	23.345	E	10	G			0.1	5	AEGEAN SEA
	19	22	43	38.1&	33.970	N	116.347	W	3					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	19	22	51	25.3%	41.728	N	13.341	E	10	G			1.2	8	SOUTHERN ITALY
	19	23	04	51.4	39.918	N	19.824	E	10	G			1.3	15	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	19	23	16	44.5%	17.421	N	100.727	W	33	N			0.7	8	GUERRERO, MEXICO
	19	23	17	20.9*	17.136	S	167.699	E	33	N	4.7		1.1	6	VANUATU ISLANDS
	20	00	47	46.3*	22.837	S	66.618	W	227	*	3.8		1.2	11	JUJUY PROVINCE, ARGENTINA
	20	01	15	05.7?	46.18	N	14.40	E	10	G			1.5	4	NORTHWESTERN BALKAN REGION
	20	01	33	58.1	39.839	N	119.637	W	5	G			1.0	15	NEVADA. ML 3.3 (GS), 3.5 (BRK).
	20	01	58	08.4?	33.42	N	140.72	E	71	?	4.7		1.1	13	SOUTH OF HONSHU, JAPAN
	20	02	36	00.8%	42.948	N	13.457	E	10	G			0.7	5	CENTRAL ITALY
	20	02	43	03.6	33.893	N	26.069	E	33	N			1.2	21	EASTERN MEDITERRANEAN SEA. MD 3.8 (ATH).
	20	03	09	01.8	41.118	N	22.451	E	10	G			0.6	11	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
	20	03	11	14.8*	36.562	N	71.487	E	166	*	4.3		1.0	45	AFGHANISTAN-TAJIKISTAN BORD REG.
	20	03	38	43.3	18.155	N	62.827	W	62	D	4.5		0.9	66	LEEWARD ISLANDS. MD 4.6 (TRN). Felt (IV) on Anguilla, Saint-Barthelemy and Saint-Martin.
	20	04	34	43.1*	39.989	N	19.824	E	10	G			0.8	10	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).

	20	05	38	40.1&	37.653	N	118.915	W	5			14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	20	06	16	49.1*	29.125	S	61.263	E	10 G	4.9	1.1	26	SOUTHWEST INDIAN RIDGE
	20	06	44	50.8&	59.421	N	153.172	W	107			72	SOUTHERN ALASKA. <AEIC>.
	20	06	46	45.5*	29.233	S	61.243	E	10 G	5.1	0.9	32	SOUTHWEST INDIAN RIDGE
	20	07	00	00.3%	31.091	S	68.242	W	100 G		1.3	7	SAN JUAN PROVINCE, ARGENTINA
	20	07	42	44.2?	39.13	N	27.57	E	10 G		0.3	4	TURKEY. MD 2.7 (ISK).
a	20	08	11	21.0	54.366	S	144.086	E	10 G	5.3 5.7	1.5	69	WEST OF MACQUARIE ISLAND. Mw 5.9 (HRV).
	20	08	15	30.6%	38.654	N	29.290	E	10 G		0.9	6	TURKEY. MD 3.0 (ISK).
	20	08	42	41.8%	40.362	N	23.236	E	10 G		0.6	5	GREECE
	20	08	49	49.1?	54.79	S	143.72	E	10 G	4.4	0.8	8	WEST OF MACQUARIE ISLAND
	20	08	53	04.0?	40.68	N	22.95	E	5 G		0.7	4	GREECE
	20	09	41	05.0%	42.323	S	172.770	E	12		1.0	19	SOUTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	20	09	43	02.2*	4.026	N	128.404	E	41 *	4.7 4.2	1.2	22	NORTH OF HALMAHERA, INDONESIA
	20	10	06	03.5?	59.80	N	18.48	E	10 G		0.1	4	SWEDEN
	20	10	19	27.4?	59.65	N	18.49	E	10 G		0.6	4	SWEDEN
	20	10	27	01.1?	59.83	N	18.34	E	10 G		0.1	4	SWEDEN
	20	10	35	00.1&	34.367	N	116.458	W	4			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	20	10	49	17.1&	34.468	N	118.629	W	7			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt in the Castaic area.
	20	11	21	25.3?	39.98	N	24.96	E	10 G		1.0	4	AEGEAN SEA
	20	11	43	47.7%	40.495	N	23.507	E	10 G		0.4	5	GREECE
	20	12	08	27.1%	44.576	N	7.256	E	10 G		0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	20	12	38	45.7	18.717	N	64.160	W	33 N		0.9	22	VIRGIN ISLANDS. ML 4.4 (FDF). MD 4.2 (TRN).
	20	12	43	38.7	64.195	N	140.322	W	10 G		0.7	21	SOUTHERN YUKON TERRITORY, CANADA. ML 3.6 (PGC), 2.7 (AEIC).
	20	13	02	53.3?	78.39	N	6.42	E	10 G		0.5	4	SVALBARD REGION. MD 2.4 (BER).
	20	13	19	08.2*	2.619	N	95.981	E	23 D	4.8	1.1	20	OFF W COAST OF NORTHERN SUMATERA
	20	13	42	09.8	34.011	N	26.120	E	33 N	4.3	1.4	72	CRETE. MD 4.3 (HLW).
	20	13	55	36.6%	45.138	N	7.665	E	10 G		1.0	9	NORTHERN ITALY. ML 2.3 (GEN).
	20	14	07	06.8?	22.93	S	71.89	W	33 N	4.4	1.7	7	OFF COAST OF NORTHERN CHILE
	20	14	45	34.7*	10.316	N	83.656	W	33 N	4.0	1.2	16	COSTA RICA. Felt in much of Costa Rica.
	20	14	46	58.1?	32.74	S	138.70	E	10 G		1.7	5	NEAR SOUTH COAST OF AUSTRALIA
	20	14	55	18.2&	59.793	N	153.667	W	124			35	SOUTHERN ALASKA. <AEIC>.
	20	15	24	00.4	26.836	S	26.801	E	5 G		1.2	9	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE). mbLg 3.1 (BUL).
	20	15	44	27.5?	3.43	S	139.52	E	33 N	4.6	1.5	14	IRIAN JAYA, INDONESIA
	20	15	58	03.8?	15.01	S	173.80	W	38 D	4.4	0.7	7	TONGA ISLANDS
	20	16	11	27.6&	60.125	N	152.921	W	116	3.7		91	SOUTHERN ALASKA. <AEIC>.
a	20	16	26	19.5	20.883	S	178.699	W	592 D	5.6	1.0	455	FIJI ISLANDS REGION. Mw 5.8 (HRV). mb 5.7 (BRK).
	20	16	48	01.8?	14.20	S	179.26	W	506 ?	4.3	1.1	20	FIJI ISLANDS REGION
	20	17	10	28.6%	17.979	N	66.934	W	10 G		0.2	5	PUERTO RICO REGION
	20	18	06	48.4%	40.823	N	29.036	E	10 G		0.7	5	TURKEY. MD 2.5 (ISK).
	20	18	18	14.9%	42.606	N	13.193	E	10 G		1.7	8	CENTRAL ITALY
	20	18	56	42.8	83.838	N	112.978	E	10 G	4.3	1.3	22	NORTH OF SEVERNAYA ZEMLYA
	20	19	00	29.7&	37.453	N	118.365	W	10			13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	20	19	23	41.1%	43.599	N	12.255	E	10 G		1.0	5	CENTRAL ITALY
	20	19	52	09.7?	7.07	S	129.99	E	116 ?	4.1	1.7	7	BANDA SEA
	20	19	53	32.0%	41.222	N	23.138	E	10 G		0.5	6	GREECE-BULGARIA BORDER REGION
	20	20	08	13.6?	31.85	S	179.85	E	436 ?	4.2	1.5	17	KERMADEC ISLANDS REGION
	20	20	23	47.5%	42.364	N	19.361	E	23 *		0.1	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	20	20	54	16.2	43.413	N	5.406	E	10 G		1.0	19	NEAR SOUTH COAST OF FRANCE. ML 3.1 (STR).
	20	21	16	03.6&	37.626	N	118.894	W	3			33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.3 (BRK). Felt in the Mammoth Lakes, California area.
	20	22	17	20.0	7.078	N	125.144	E	19 D	4.8 4.3	1.1	46	MINDANAO, PHILIPPINE ISLANDS
	20	22	24	43.3*	2.659	N	125.888	E	147 *	4.7	1.2	13	TALAUD ISLANDS, INDONESIA
	20	23	22	26.5?	12.40	N	143.62	E	33 N	3.4	0.8	6	SOUTH OF MARIANA ISLANDS
	20	23	30	41.1?	23.33	S	65.93	W	93 ?		1.7	7	JUJUY PROVINCE, ARGENTINA
	20	23	53	04.1&	37.587	N	118.869	W	7			21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
	21	00	30	19.9?	46.39	N	150.26	E	33 N	3.7	1.0	9	KURIL ISLANDS
	21	00	38	07.0&	61.278	N	150.168	W	38			53	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	21	00	52	37.7*	20.383	S	68.479	W	167 *	3.0	0.9	6	CHILE-BOLIVIA BORDER REGION
	21	02	27	21.5%	31.765	S	67.994	W	20 *		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	21	03	25	49.1%	44.546	N	7.454	E	10 G		0.8	7	NORTHERN ITALY. ML 1.7 (GEN).
	21	03	56	29.5?	14.32	N	60.72	W	75 G		0.2	4	WINDWARD ISLANDS
	21	04	37	31.1?	44.98	S	167.29	E	164 ?		0.2	12	SOUTH ISLAND, NEW ZEALAND
	21	04	58	14.8&	60.216	N	152.742	W	93			40	SOUTHERN ALASKA. <AEIC>.
	21	05	16	52.2?	38.74	N	15.53	E	110 G		0.5	5	SICILY
	21	06	11	46.0	34.770	N	84.763	E	33 N	4.5	1.0	27	XIZANG
	21	07	10	31.0?	15.42	N	61.37	W	175 ?		0.6	9	LEEWARD ISLANDS
	21	07	27	20.0%	39.163	N	27.546	E	10 G		0.6	5	TURKEY. MD 2.7 (ISK).
	21	08	17	53.6%	39.405	N	30.186	E	10 G		0.9	6	TURKEY. MD 2.9 (ISK).
	21	08	54	36.3%	39.771	N	29.530	E	10 G		1.0	5	TURKEY. MD 2.6 (ISK).
	21	09	15	19.1	41.114	N	22.477	E	10 G		0.7	11	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO), 2.2 (THE).
	21	09	46	12.4?	10.79	N	62.21	W	10 G		0.8	5	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
	21	09	58	37.5*	50.619	N	18.898	E	10 G		0.8	8	POLAND. ML 2.6 (BRA).
	21	10	00	51.1*	3.081	S	134.385	E	33 N	5.1	1.3	5	IRIAN JAYA REGION, INDONESIA
	21	11	03	34.5&	60.018	N	152.772	W	95			39	SOUTHERN ALASKA. <AEIC>.
	21	11	12	03.3&	62.801	N	148.646	W	62			53	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	21	11	40	50.0*	21.505	S	66.835	W	234 *	3.7	1.5	14	SOUTHERN BOLIVIA
	21	12	04	59.1	50.399	N	5.940	E	10 G		0.6	12	BELGIUM. ML 3.0 (LDG), 2.7 (UCC).
	21	12	13	26.1?	50.05	N	6.20	E	10 G		1.2	4	GERMANY
a	21	12	58	31.5	0.012	S	123.686	E	149 D	5.1	1.1	144	MINAHASSA PENINSULA, SULAWESI. Mw 5.2 (HRV).
	21	13	12	39.1?	26.31	S	27.47	E	5 G		0.5	4	REPUBLIC OF SOUTH AFRICA
	21	13	18	12.8?	17.73	S	178.53	W	607 *	4.5	0.7	13	FIJI ISLANDS REGION
	21	13	33	44.0*	40.051	N	25.411	E	10 G		1.4	6	AEGEAN SEA
	21	13	56	32.8	41.210	N	21.969	E	10 G		0.7	9	NORTHWESTERN BALKAN REGION. ML 1.8 (SKO).
	21	14	30	20.2%	26.940	S	26.763	E	5 G		0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	21	16	31	34.5?	10.07	N	69.99	W	5 G		0.8	4	VENEZUELA
	21	16	43	52.5*	38.937	S	178.910	E	97 ?		1.1	20	OFF E. COAST OF N. ISLAND, N.Z.
	21	16	54	02.9	43.089	N	27.428	E	29	3.9	0.9	78	BULGARIA. ML 4.4 (THE), 4.1 (TTG). Felt (IV) in the Pravadiya area.
	21	16	57	36.9	20.018	N	121.954	E	48 *	4.4 4.0	1.4	40	PHILIPPINE ISLANDS REGION. Felt (II RF) at Basco,

													Batan.
	21	17	22	39.9&	59.923	N	153.122	W	112			43	SOUTHERN ALASKA. <AEIC>
	21	17	41	56.8	52.158	N	170.121	W	33 N	4.8	4.4	1.0	92 FOX ISLANDS, ALEUTIAN ISLANDS
	21	18	42	40.9*	23.113	S	64.508	W	10 G			1.0	7 JUJUY PROVINCE, ARGENTINA
	21	19	18	32.6*	41.329	N	19.464	E	10 G			0.8	11 ALBANIA. ML 2.4 (TTG).
	21	19	32	33.0%	37.708	N	14.790	E	10 G			0.8	6 SICILY
	21	20	36	36.2	51.536	N	175.873	W	43 D	4.9	4.3	1.3	73 ANDREANOF ISLANDS, ALEUTIAN IS. Felt strongly on Adak.
	21	20	40	56.5&	62.077	N	152.383	W	166				50 CENTRAL ALASKA. <AEIC>.
	21	21	15	49.3%	39.504	N	16.697	E	10 G			1.0	12 SOUTHERN ITALY
	21	21	23	36.6*	41.415	N	19.530	E	10 G			0.8	11 ALBANIA. ML 2.3 (TTG).
	21	21	25	49.1*	7.267	S	128.428	E	153 *	4.7		1.0	12 BANDA SEA
	21	22	01	48.4%	18.306	N	66.097	W	33 N			0.4	5 PUERTO RICO REGION
	21	22	05	09.4	42.440	S	174.299	E	39 *	4.3		0.8	39 OFF E. COAST OF S. ISLAND, N.Z. ML 4.7 (WEL).
	21	22	52	33.1%	42.810	N	13.383	E	10 G			1.2	10 CENTRAL ITALY
	22	00	03	10.5%	42.493	N	12.661	E	10 G			0.6	10 CENTRAL ITALY
	22	00	23	24.5	44.656	N	9.469	E	11			0.7	23 NORTHERN ITALY. ML 2.7 (GEN), 2.5 (LDG).
	22	00	23	41.7%	42.951	N	18.304	E	10 G			0.3	9 NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	22	00	26	52.5&	34.975	N	116.940	W	4				25 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS). Felt at Barstow.
a	22	00	59	38.8*	8.922	S	108.208	W	10 G	4.9	4.8	1.2	64 CENTRAL EAST PACIFIC RISE. Mw 5.4 (HRV).
a	22	01	05	37.9	4.095	S	102.313	E	70	5.7		0.9	232 SOUTHERN SUMATERA, INDONESIA. Mw 5.4 (HRV). Felt (IV) at Kepahiang.
	22	01	26	26.3*	42.894	N	18.391	E	10 G			0.7	10 NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	22	01	32	34.3	44.099	N	6.890	E	7			0.5	26 FRANCE. ML 2.7 (LDG), 2.3 (GEN).
	22	02	33	39.7%	43.711	N	12.233	E	10 G			1.2	6 CENTRAL ITALY
	22	03	18	15.1?	47.32	N	10.94	E	10 G			0.3	4 AUSTRIA. ML 1.4 (VIE).
	22	03	18	49.2	25.610	S	179.760	E	509 D	4.9		1.0	80 SOUTH OF FIJI ISLANDS
	22	03	28	00.7%	37.168	N	28.199	E	10 G			1.3	5 TURKEY. MD 3.2 (ISK).
	22	03	31	54.5&	38.819	N	122.831	W	2				19 NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	22	03	33	37.4%	41.703	N	13.837	E	10 G			1.1	9 SOUTHERN ITALY
	22	04	47	15.6*	6.913	S	129.753	E	95	4.6		0.9	13 BANDA SEA
	22	06	02	50.1&	60.890	N	149.828	W	30				55 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC), 2.6 (PMR).
	22	06	21	07.6	4.452	N	76.429	W	126 *	4.5		1.0	37 COLOMBIA. MD 4.5 (UPA).
	22	06	36	13.1	2.570	N	127.317	E	80 D	5.2		0.9	82 NORTHERN MOLUCCA SEA
	22	07	27	17.2%	39.520	N	28.809	E	10 G			0.6	6 TURKEY. MD 2.7 (ISK).
	22	07	30	31.0%	26.409	S	27.441	E	5 G			1.3	7 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	22	07	45	15.2?	39.71	N	21.90	E	10 G			1.2	4 GREECE. ML 2.3 (THE).
	22	07	51	33.9*	40.454	N	21.681	E	10 G			0.8	5 GREECE. ML 2.1 (THE).
	22	08	09	14.6?	57.98	N	11.33	E	10 G			0.4	4 SWEDEN. MD 2.8 (BER).
	22	08	15	03.1	42.395	S	174.282	E	13			0.4	15 OFF E. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	22	08	51	32.0%	41.857	N	19.516	E	10 G			0.4	9 ALBANIA. ML 2.3 (TTG).
	22	09	17	30.3?	39.29	N	29.65	E	10 G			0.6	5 TURKEY. MD 2.7 (ISK).
	22	09	24	43.7?	40.82	N	23.77	E	10 G			0.4	4 GREECE. ML 2.2 (THE).
	22	09	33	31.2?	36.25	N	29.17	E	10 G			0.6	4 TURKEY. MD 3.1 (ISK).
	22	09	38	42.5?	10.91	N	62.25	W	33 N			0.3	6 NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	22	10	08	17.2?	40.37	N	23.26	E	10 G			0.9	4 GREECE
	22	10	17	04.0?	39.52	N	29.51	E	10 G			0.7	5 TURKEY. MD 2.6 (ISK).
	22	10	24	35.6	16.479	N	122.189	E	55 *	4.3		1.2	16 LUZON, PHILIPPINE ISLANDS
	22	10	50	03.7?	39.34	N	29.70	E	5 G			1.6	4 TURKEY. MD 2.6 (ISK).
	22	11	03	35.4&	32.405	N	115.121	W	6 G				18 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.7 (PAS), 3.9 (GS).
	22	11	07	00.7?	33.42	S	72.86	W	10 G			0.2	7 OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	22	11	15	28.9&	32.416	N	115.106	W	6 G				4 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	22	11	19	29.5&	32.397	N	115.105	W	6 G				4 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	22	11	34	34.3?	36.91	N	29.25	E	10 G			0.3	4 TURKEY. MD 3.3 (ISK).
	22	11	41	06.2&	32.408	N	115.109	W	6 G				6 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	22	11	51	51.0%	42.429	N	19.256	E	10 G			1.0	7 NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	22	12	31	56.6	10.656	N	62.567	W	105	4.5		0.9	52 NEAR COAST OF VENEZUELA. MD 4.1 (TRN). Felt (III) on Trinidad.
	22	12	36	37.1%	36.607	N	4.551	W	32 *			1.2	7 STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	22	12	42	39.4?	18.62	N	65.15	W	120 G			0.3	7 PUERTO RICO REGION
	22	12	44	06.7?	39.22	N	27.41	E	10 G			0.1	4 TURKEY. MD 2.6 (ISK).
a	22	12	45	55.0	56.885	N	154.638	W	35 D	5.4	4.4	0.9	422 KODIAK ISLAND REGION. Mw 5.0 (HRV). ML 5.2 (PMR), 5.0 (AEIC). Felt (IV) at Akhiak and Larsen Bay; (III) at Karluk and Kodiak; (I) at Chiniak and Old Harbor.
	22	12	49	37.5?	40.85	N	23.77	E	10 G			1.6	4 GREECE. ML 1.9 (THE).
	22	13	07	13.8	40.879	S	172.146	E	10 G			0.9	16 OFF W. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	22	13	11	26.8?	6.57	N	124.77	E	274 ?	3.9		1.2	7 MINDANAO, PHILIPPINE ISLANDS
	22	13	34	07.6%	43.058	N	0.369	W	10 G			0.4	8 PYRENEES. ML 1.0 (STR).
	22	13	58	13.4	49.126	N	6.889	E	10 G			0.8	18 GERMANY. ML 2.9 (STR).
	22	14	07	00.1%	43.318	N	12.502	E	10 G			0.3	6 CENTRAL ITALY
	22	14	42	07.7&	32.400	N	115.111	W	6 G				3 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	22	14	46	04.8&	32.389	N	115.100	W	6 G				5 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	22	14	56	37.0	42.533	N	21.965	E	9			0.7	18 NORTHWESTERN BALKAN REGION. ML 3.4 (THE), 2.9 (TTG).
	22	15	22	03.5&	62.542	N	150.001	W	17	2.6			49 CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	22	15	40	30.5&	32.392	N	115.102	W	6 G				5 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS).
	22	16	08	07.6	24.261	S	67.303	W	174	4.7		1.0	30 CHILE-ARGENTINA BORDER REGION
	22	16	25	27.0*	53.000	N	170.236	W	105 *	4.3		1.1	36 FOX ISLANDS, ALEUTIAN ISLANDS
	22	16	34	00.2*	19.909	S	177.680	W	586 ?	4.6		1.1	28 FIJI ISLANDS REGION
	22	16	46	55.7?	41.81	N	19.58	E	10 G			0.6	9 ALBANIA. ML 2.0 (TTG).
	22	17	14	34.2?	24.05	S	177.26	W	266 ?	4.6		0.9	16 SOUTH OF FIJI ISLANDS
	22	17	20	18.8	33.154	S	70.306	W	10 G			0.3	9 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	22	17	20	32.9%	41.832	N	19.541	E	10 G			0.3	10 ALBANIA. ML 2.4 (TTG).
	22	17	22	57.8	38.359	N	0.278	E	28			0.7	32 SPAIN. ML 3.5 (LDG). mbLg 3.3 (MDD).
	22	17	43	17.1	41.748	N	19.465	E	10 G			0.9	12 ALBANIA. ML 2.6 (TTG).
	22	18	03	40.7	16.323	S	167.443	E	33 N	5.0		1.0	101 VANUATU ISLANDS

	22	18	07	35.3?	41.83	N	19.53	E	10	G		0.6	9	ALBANIA. ML 2.2 (TTG).
	22	19	46	50.2&	58.408	N	153.680	W	71				29	KODIAK ISLAND REGION. <AEIC>.
	22	19	53	17.3*	32.604	S	71.501	W	50	G		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	22	20	18	55.1	35.764	N	137.490	E	28		4.5 4.1	1.1	56	EASTERN HONSHU, JAPAN
	22	20	44	28.1?	16.70	S	73.16	W	102	?	4.1	0.9	7	NEAR COAST OF PERU
	22	21	06	44.6*	36.952	N	31.714	E	10	G		1.2	11	TURKEY. MD 3.5 (ISK). ML 3.1 (CSS).
	22	21	09	30.4&	61.422	N	151.463	W	90				72	SOUTHERN ALASKA. <AEIC>.
	22	21	33	38.2	38.414	N	22.304	E	10	G		0.9	6	GREECE. ML 3.1 (ATH).
a	22	22	15	19.0	53.350	S	159.394	E	10	G	5.5 5.2	1.2	71	MACQUARIE ISLANDS REGION. Mw 5.4 (HRV).
	22	23	34	41.7	47.534	N	152.446	E	112		4.8	0.9	117	KURIL ISLANDS
	22	23	51	09.4	40.108	S	174.557	E	132	?		0.2	15	COOK STRAIT, NEW ZEALAND
	23	00	23	31.1	41.788	N	19.474	E	10	G		1.0	12	ALBANIA. ML 2.4 (TTG).
	23	00	52	04.0	35.391	N	25.783	E	120	*	4.2	1.0	57	CRETE. MD 4.3 (HLW).
	23	01	09	33.1*	2.159	S	145.212	E	33	N	4.6 4.4	1.1	9	ADMIRALTY ISLANDS REGION, P.N.G.
	23	01	18	24.8	36.667	N	5.009	W	28			0.8	19	STRAIT OF GIBRALTAR. mbLg 3.7 (MDD).
	23	01	47	09.3?	32.09	S	68.42	W	118	?		0.4	7	MENDOZA PROVINCE, ARGENTINA
	23	02	02	34.3	39.976	N	28.878	E	10	G		0.4	25	TURKEY. MD 3.8 (ATH), 3.6 (ISK). ML 3.9 (THE).
	23	02	09	08.4	35.961	N	32.489	E	10	G		1.3	8	CYPRUS REGION. MD 3.6 (ISK). ML 3.6 (CSS).
	23	02	09	28.5?	45.57	N	15.40	E	10	G		0.1	4	NORTHWESTERN BALKAN REGION
	23	02	53	27.9?	16.95	S	177.50	W	311	?	3.9	1.1	18	FIJI ISLANDS REGION
	23	03	03	49.3&	60.157	N	152.417	W	90				40	SOUTHERN ALASKA. <AEIC>.
	23	03	05	14.7%	26.927	S	26.781	E	5	G		1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	23	03	29	46.4%	44.339	N	7.275	E	10	G		0.2	5	NORTHERN ITALY. ML 1.4 (GEN).
	23	03	31	20.8*	47.538	N	147.266	E	365	?	4.2	1.0	26	NORTHWEST OF KURIL ISLANDS
	23	04	00	18.2%	37.885	N	27.612	E	10	G		0.5	7	TURKEY. MD 3.0 (ISK).
	23	04	36	20.8?	46.50	N	11.62	E	10	G		0.1	6	NORTHERN ITALY. ML 1.8 (VIE).
	23	05	15	07.2*	44.093	N	16.580	E	10	G		1.2	9	NORTHWESTERN BALKAN REGION. MD 2.7 (TRI).
	23	05	22	05.7	37.629	N	22.167	E	25		4.0	1.2	34	SOUTHERN GREECE. ML 3.7 (ATH), 3.6 (THE).
	23	06	05	32.0*	33.235	S	70.041	W	10	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
	23	06	16	37.5	33.345	S	68.479	W	15			1.1	24	MENDOZA PROVINCE, ARGENTINA. MD 4.6 (SAN). Felt (III) at Mendaza.
	23	08	48	39.6%	68.188	N	16.396	E	10	G		1.0	7	NORTHERN NORWAY. MD 2.7 (BER).
	23	09	04	29.9	40.460	N	21.861	E	10	G		0.8	6	GREECE. ML 1.9 (THE).
	23	09	21	28.5*	40.463	N	21.767	E	10	G		0.9	5	GREECE. ML 1.8 (THE).
	23	09	23	02.5	54.861	N	153.578	W	33	N	3.5	0.9	50	SOUTH OF ALASKA. ML 3.8 (AEIC).
	23	09	43	00.4?	31.36	S	68.63	W	97	?		0.6	7	SAN JUAN PROVINCE, ARGENTINA
	23	09	51	08.6&	34.110	N	116.915	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS). Felt (IV) at Forest Falls. Also felt at Highland.
	23	09	57	52.9?	39.75	N	21.93	E	10	G		1.2	4	GREECE. ML 1.9 (THE).
	23	10	05	06.0&	62.175	N	148.508	W	31				50	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	23	10	36	45.0*	49.172	N	6.880	E	10	G		1.1	5	GERMANY. ML 2.1 (UCC).
	23	11	04	39.2%	44.389	N	7.336	E	10	G		0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
	23	11	06	05.3?	37.48	N	30.07	E	10	G		1.7	4	TURKEY. MD 3.1 (ISK).
	23	11	07	06.2?	38.19	N	71.82	E	33	N	4.0	1.4	6	AFGHANISTAN-TAJIKISTAN BORD REG.
	23	12	14	45.2	44.485	N	114.791	W	5	G		0.5	59	WESTERN IDAHO. ML 3.9 (GS), 4.0 (BUT). Felt (III) at Clayton and (II) at Challis.
	23	12	31	19.6?	42.89	N	24.00	E	10	G		0.8	7	BULGARIA. ML 3.1 (THE).
	23	12	49	39.6	44.255	N	17.486	E	10	G	3.9	1.0	26	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG).
	23	13	14	19.3?	58.14	N	6.42	E	10	G		0.4	6	SOUTHERN NORWAY. MD 2.6 (BER).
	23	13	19	19.9*	3.777	S	151.885	E	33	N	4.2 4.3	0.8	7	NEW IRELAND REGION, P.N.G.
	23	13	55	00.3	41.195	N	21.979	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.7 (SKO).
	23	14	08	39.2*	53.074	N	161.373	W	33	N	3.7	1.0	35	SOUTH OF ALASKA. ML 3.5 (AEIC).
	23	15	08	17.5&	61.644	N	150.667	W	53				63	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR). Felt (III) at Skwentna.
	23	15	11	38.3%	26.366	S	27.414	E	5	G		1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	23	16	01	12.4	32.095	S	70.119	W	150	*		0.4	16	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	23	16	05	34.9%	44.378	N	7.318	E	10	G		0.5	9	NORTHERN ITALY. ML 2.0 (GEN).
	23	16	35	40.4	13.304	S	44.582	E	10	G	5.0 4.4	1.2	39	NORTHWEST OF MADAGASCAR
	23	16	48	55.4%	44.355	N	7.307	E	10	G		0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	23	16	49	09.7*	31.892	S	69.989	W	151	?		0.3	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
	23	16	52	34.1	31.211	S	69.241	W	129	*		0.8	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	23	17	20	22.1%	39.351	N	23.019	E	10	G		0.3	6	AEGEAN SEA. ML 2.5 (THE).
	23	17	42	46.5*	8.984	N	126.487	E	33	N	4.5	1.2	17	MINDANAO, PHILIPPINE ISLANDS
	23	19	57	49.2%	26.375	S	27.371	E	5	G		0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	23	20	04	36.9	26.356	S	27.410	E	5	G		0.8	8	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.2 (BUL).
	23	21	13	23.9	33.380	S	68.486	W	10	G		0.7	18	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
	23	21	15	12.2?	28.94	N	139.67	E	429	?	4.2	0.4	8	BONIN ISLANDS REGION
	23	22	05	59.9%	40.676	N	23.400	E	10	G		0.3	6	GREECE. ML 1.9 (THE).
	23	22	16	34.9	60.248	N	143.253	W	10	G		0.9	26	SOUTHERN ALASKA. ML 3.1 (PGC), 2.9 (AEIC).
	23	22	19	31.4?	34.37	S	72.17	W	33	N		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	23	23	00	35.9*	49.179	N	6.965	E	10	G		0.3	5	GERMANY. MD 2.6 (UCC).
	23	23	15	11.1	49.187	N	6.962	E	10	G		1.0	20	GERMANY. ML 2.7 (STR), 2.4 (UCC).
	24	00	03	12.3%	38.693	N	12.843	E	10	G		1.1	9	SICILY
	24	01	05	48.7%	38.509	N	15.210	E	33	N		1.5	5	SICILY
	24	01	09	58.1%	40.679	N	23.082	E	10	G		0.4	7	GREECE. ML 2.1 (THE).
	24	01	24	51.0	37.748	S	177.579	E	61	?		0.6	13	OFF E. COAST OF N. ISLAND, N.Z.
	24	02	18	22.6?	38.12	N	12.27	E	10	G		0.8	6	SICILY
	24	02	23	19.1*	29.301	N	130.553	E	33	D	3.9	0.8	13	RYUKYU ISLANDS
	24	03	13	14.0?	47.41	N	7.73	E	10	G		0.3	4	SWITZERLAND. ML 2.1 (LDG).
	24	03	22	18.1*	43.779	N	8.550	E	10	G		0.2	10	CORSICA. ML 2.2 (LDG), 2.1 (GEN).
	24	03	22	38.5%	42.201	N	19.604	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	24	03	34	23.1	5.729	S	147.730	E	138		5.0	0.8	39	EASTERN NEW GUINEA REG., P.N.G.
	24	03	45	13.9	33.154	N	35.615	E	24		3.1	0.2	10	JORDAN - SYRIA REGION. ML 3.6 (JER). Felt in the Galilee regian, Israel.
	24	04	13	55.3	36.448	N	26.762	E	155		4.1	1.1	87	DODECANESE ISLANDS. MD 4.3 (HLW).
	24	04	24	05.5%	40.523	N	15.858	E	10	G		0.9	10	SOUTHERN ITALY
	24	04	55	48.3?	35.38	N	28.02	E	10	G		1.1	5	EASTERN MEDITERRANEAN SEA. ML 3.5 (CSS).
	24	05	18	12.4?	47.57	N	7.65	E	10	G		0.3	4	SWITZERLAND. ML 2.3 (LDG).
	24	05	29	07.2%	26.398	S	27.412	E	5	G		1.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	24	06	20	30.2	38.607	N	23.519	E	10	G		1.0	17	GREECE. ML 3.6 (ATH), 3.4 (THE).
	24	06	20	54.0%	26.939	S	26.776	E	5	G		1.2	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	24	06	22	41.7&	37.855	N	122.265	W	9				9	CENTRAL CALIFORNIA. <BRK>. ML 2.4 (BRK). Felt at Berkeley.

	24	06 24 38.7	60.198	N	141.147	W	5	G			0.5	15	SOUTHEASTERN ALASKA. ML 2.6 (AEIC), 2.6 (PGC).
	24	06 37 39.9?	38.70	N	23.51	E	10	G			0.1	7	GREECE. ML 2.9 (THE).
	24	08 16 41.1?	36.37	N	70.38	E	222	?	4.9		0.7	10	HINDU KUSH REGION, AFGHANISTAN
	24	08 32 21.9	40.876	N	20.850	E	10	G			0.9	8	GREECE-ALBANIA BORDER REGION. ML 2.4 (THE), 2.2 (SKO).
	24	08 36 07.1%	33.468	S	70.206	W	110	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	08 46 33.0*	63.277	N	151.256	W	10	G			1.5	7	CENTRAL ALASKA. ML 2.9 (PMR), 2.4 (AEIC).
	24	09 06 17.4*	42.585	N	143.728	E	80	*	3.8		0.5	9	HOKKAIDO, JAPAN REGION
	24	09 08 02.4	42.401	S	174.224	E	28				0.4	22	OFF E. COAST OF S. ISLAND, N.Z. ML 3.9 (WEL).
	24	09 19 19.1	17.547	S	71.119	W	92	*	4.4		0.8	11	NEAR COAST OF PERU
	24	09 23 54.6	32.045	S	69.662	W	141	*			0.3	17	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
a	24	09 54 21.0	17.871	S	179.849	E	599	D	5.5		1.1	434	FIJI ISLANDS. Mw 6.3 (HRV). mb 5.4 (BRK).
	24	10 38 30.1	81.577	N	3.693	W	10	G	4.9		1.0	94	NORTH OF SVALBARD
	24	10 49 00.4*	20.946	S	177.802	W	382	*	4.7		1.3	39	FIJI ISLANDS REGION
	24	11 23 55.7	42.954	N	18.013	E	5	G			1.1	41	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG), 3.0 (TIR). Felt at Metkovic, Croatia.
	24	12 09 23.1%	18.485	N	66.172	W	60	G			0.3	7	PUERTO RICO REGION
	24	12 45 01.4?	40.63	N	24.53	E	10	G			0.1	4	AEGEAN SEA. ML 2.0 (THE).
	24	13 45 01.6%	42.973	N	18.032	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	24	14 06 11.6	7.179	S	129.049	E	127		5.0		0.9	38	BANDA SEA
	24	14 13 42.1&	59.866	N	148.620	W	9					65	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.5 (AEIC).
	24	15 23 14.7%	39.072	N	27.508	E	10	G			0.5	9	TURKEY. MD 3.0 (ISK).
	24	15 45 37.9	11.926	N	124.124	E	43	*	4.6	4.1	1.1	37	LEYTE, PHILIPPINE ISLANDS
	24	16 25 26.7?	31.67	S	68.98	W	90	?			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	24	17 07 14.6?	31.19	S	64.52	W	97	?			0.9	6	CORDOBA PROVINCE, ARGENTINA
	24	17 50 10.9%	26.894	S	26.750	E	5	G			0.9	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	24	17 53 23.7%	32.819	S	70.910	W	70	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	24	19 11 48.9%	39.104	N	113.552	E	33	N			1.1	6	NORTHEASTERN CHINA. ML 3.5 (BJI).
	24	19 45 33.4%	39.039	N	23.338	E	10	G			0.5	6	AEGEAN SEA. ML 2.3 (THE).
	24	20 23 58.5	42.925	N	19.804	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	24	20 30 10.5	27.072	N	57.865	E	33	N	4.7	4.1	0.9	94	SOUTHERN IRAN
	24	20 58 11.9*	35.446	N	28.203	E	87	*	3.6		1.1	16	EASTERN MEDITERRANEAN SEA
	24	21 02 07.5	40.844	N	22.906	E	10	G			0.5	8	GREECE. ML 2.1 (THE), 1.9 (SKO).
	24	21 03 53.5?	18.81	N	66.74	W	78	?			0.3	7	PUERTO RICO REGION
	24	21 51 41.1?	17.63	N	62.12	W	49	?			0.4	8	LEEWARD ISLANDS. MD 3.7 (TRN).
	24	22 13 32.0*	34.917	S	179.824	W	33	N	4.7		0.6	10	SOUTH OF KERMADEC ISLANDS
	24	23 36 49.2&	63.069	N	150.792	W	130		2.7			69	CENTRAL ALASKA. <AEIC>.
a	25	00 07 08.7	15.679	S	172.960	W	33	N	5.4	5.7	1.1	177	SAMOA ISLANDS REGION. Mw 6.0 (HRV). Mo=1.6*10**18 Nm (PPT).
	25	01 49 27.5?	37.30	N	16.29	E	33	N			1.5	6	IONIAN SEA
	25	02 07 59.7*	4.806	N	128.020	E	33	N	4.7		1.3	22	NORTH OF HALMAHERA, INDONESIA
	25	03 34 27.0	42.850	N	2.174	E	10	G			0.6	14	PYRENEES. ML 2.9 (LDG).
	25	03 37 10.3*	42.827	N	2.147	E	10	G			0.5	5	PYRENEES. ML 2.5 (LDG).
	25	03 44 59.2	42.848	N	2.382	E	10	G			0.8	14	PYRENEES. ML 3.4 (LDG). MD 3.2 (BTH). mbLg 3.0 (MDD). Felt (IV) at Quillan, France.
	25	04 02 33.0&	59.121	N	153.245	W	80					41	SOUTHERN ALASKA. <AEIC>.
	25	04 56 14.2*	45.984	N	151.267	E	48	D	4.7		1.0	24	KURIL ISLANDS
	25	05 10 01.6	40.051	N	21.723	E	10	G			0.9	9	GREECE. ML 2.5 (THE).
	25	05 43 00.3	5.557	S	154.369	E	151		4.9		0.9	45	SOLOMON ISLANDS
	25	05 43 56.9	27.500	N	139.956	E	468	*	4.9		0.9	126	BONIN ISLANDS REGION
	25	06 48 46.5?	39.5B	N	123.02	E	33	N			0.6	4	NORTHEASTERN CHINA. ML 4.1 (BJI).
	25	07 07 25.2*	24.208	S	67.030	W	200	*			0.6	7	CHILE-ARGENTINA BORDER REGION
	25	07 28 20.4%	42.309	N	19.917	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	25	07 43 15.3%	28.120	S	26.877	E	5	G			1.3	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	25	07 56 22.3?	15.55	N	95.34	W	39	?	3.6		1.4	10	NEAR COAST OF OAXACA, MEXICO
	25	08 21 01.7*	3.108	S	149.030	E	33	N	4.7		0.9	8	BISMARCK SEA
	25	09 29 50.3	35.624	N	112.147	W	10	G	5.0	4.5	1.2	116	WESTERN ARIZONA. Some minor domage at Tusoyon, Valle ond Pipe Spring Notionol Monument. Felt (V) at Grond Conyon and Jerome; (IV) at Ash Fork, Flagstoff, Fredonio, Porks, Poulden, Seligman ond Winslow; (III) at Bogdod, Bullhead City, Comeron, Chinle, Colorodo City, Cottonwood, Kirklond, Munds Pork ond Peach Springs; (II) at Williams. Felt (IV) at Bryce, Utoh ond (III) at Kanob, Utoh. Also felt at St. George and Tropic, Utah. Felt from southern Utoh to Phoenix, Arizono.
	25	09 49 06.0&	62.974	N	150.827	W	112					49	CENTRAL ALASKA. <AEIC>.
	25	10 25 45.7?	26.39	S	27.38	E	5	G			0.2	4	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	25	10 49 00.8&	59.862	N	151.450	W	47					41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	25	10 50 03.2	44.233	N	11.227	E	10	G			0.7	9	NORTHERN ITALY. MD 2.6 (TRI).
	25	11 48 32.4	58.547	N	142.745	W	10	G			0.5	30	GULF OF ALASKA. ML 2.6 (AEIC).
	25	12 11 05.8?	18.62	N	65.07	W	24	*			0.4	7	PUERTO RICO REGION
	25	13 29 57.6%	33.020	S	71.073	W	33	N			0.3	8	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	25	14 01 52.5?	39.35	N	29.65	E	10	G			0.3	4	TURKEY. MD 2.6 (ISK).
	25	14 29 31.0*	31.450	S	68.034	W	113	?			1.2	10	SAN JUAN PROVINCE, ARGENTINA
	25	14 34 02.8*	37.370	N	71.726	E	33	N	4.0		0.8	5	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	14 44 19.5%	15.378	N	60.464	W	33	N			0.6	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	25	14 51 32.9*	46.274	N	8.432	E	10	G			0.1	7	SWITZERLAND. ML 2.3 (LDG).
	25	14 54 14.9*	36.514	N	71.445	E	38	?	4.4		1.3	15	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	15 40 44.9%	15.941	N	60.817	W	22	*			0.3	8	LEEWARD ISLANDS. ML 2.6 (FDF).
	25	15 40 45.7%	18.082	N	101.390	W	33	N			0.6	8	GUERRERO, MEXICO
	25	16 55 14.4&	59.009	N	152.643	W	72					39	SOUTHERN ALASKA. <AEIC>.
	25	17 11 17.9?	39.19	N	23.35	E	10	G			0.2	4	AEGEAN SEA. ML 1.8 (THE).
o	25	17 42 48.7	1.897	S	145.753	E	33	N	5.1	5.3	1.2	74	ADMIRALTY ISLANDS REGION, P.N.G. Mw 5.5 (HRV).
	25	17 51 47.5	34.188	S	72.512	W	11				0.7	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	25	18 00 44.3	20.529	S	176.205	W	225	*	4.9		1.0	70	FIJI ISLANDS REGION
	25	19 20 12.9%	34.025	S	71.292	W	60	G			0.7	8	NEAR COAST OF CENTRAL CHILE
	25	19 25 54.6	35.377	N	28.022	E	79		3.5		1.0	26	EASTERN MEDITERRANEAN SEA. MD 4.0 (ATH).
	25	19 32 55.5*	5.997	N	126.069	E	92	*	4.2		0.7	13	MINDANAO, PHILIPPINE ISLANDS
	25	19 40 21.6%	26.370	S	27.490	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	25	19 44 28.5	35.352	N	28.008	E	68	*	3.8		1.1	26	EASTERN MEDITERRANEAN SEA. MD 4.2 (ATH).
	25	20 07 41.2?	34.47	S	70.52	W	110	G			0.1	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	20 18 42.2&	61.211	N	152.247	W	123					52	SOUTHERN ALASKA. <AEIC>.
	25	21 59 47.7	30.089	N	49.790	E	33	N	4.3		1.1	14	WESTERN IRAN

	25	22 32 18.3*	35.311	N	27.931	E	62	?	3.8		1.0	19	DODECANESE ISLANDS
	25	22 36 38.0&	59.699	N	153.437	W	131					40	SOUTHERN ALASKA. <AEIC>.
	25	23 02 40.7*	23.607	S	179.801	W	607	?	4.9		1.2	30	SOUTH OF FIJI ISLANDS
	25	23 13 55.8%	44.549	N	8.419	E	10	G			0.1	5	NORTHERN ITALY. ML 1.5 (GEN).
	26	00 14 43.9	43.623	N	11.179	E	10	G			0.7	10	CENTRAL ITALY. MD 2.9 (FIR).
	26	01 08 40.3?	43.63	N	11.19	E	10	G			0.5	4	CENTRAL ITALY
a	26	01 17 49.9	6.149	S	149.867	E	64		5.2		0.8	127	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV).
	26	03 14 55.9?	36.32	S	176.66	E	200	G			1.1	15	OFF E. COAST OF N. ISLAND, N.Z.
	26	03 20 12.6*	31.330	S	68.788	W	111	*			0.9	11	SAN JUAN PROVINCE, ARGENTINA
	26	03 34 08.1&	60.712	N	151.949	W	86		3.5			84	KENAI PENINSULA, ALASKA. <AEIC>.
	26	03 34 18.0&	40.220	N	124.295	W	2					8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	26	07 10 08.4?	10.23	N	86.49	W	33	N	4.2		1.3	16	OFF COAST OF COSTA RICA
	26	07 31 41.9?	18.73	N	68.10	W	10	G			0.7	7	MONA PASSAGE
	26	08 05 57.3%	39.906	N	28.953	E	10	G			0.4	7	TURKEY. MD 2.8 (ISK).
	26	08 30 05.3?	26.14	S	28.07	E	5	G			0.6	4	REPUBLIC OF SOUTH AFRICA
	26	08 46 57.6&	59.915	N	148.647	W	12					69	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR).
	26	09 05 55.1?	39.23	N	29.56	E	10	G			0.9	5	TURKEY. MD 2.7 (ISK).
	26	09 20 55.7%	42.695	N	19.157	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	26	09 27 07.6?	7.45	S	128.15	E	166	?	4.8		1.1	10	BANDA SEA
	26	09 37 25.2	41.350	N	20.243	E	10	G			0.6	11	ALBANIA. ML 2.6 (SKO), 2.6 (TTG).
	26	10 54 52.8%	26.407	S	27.429	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	26	11 02 58.8?	34.46	S	70.84	W	10	G			1.0	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	11 36 06.3	46.571	N	153.398	E	33	N	4.8		1.1	49	KURIL ISLANDS
	26	11 48 40.6%	60.588	N	5.246	E	10	G			0.4	5	SOUTHERN NORWAY. MD 1.6 (BER).
	26	12 03 09.0%	39.193	N	27.663	E	10	G			0.6	6	TURKEY. MD 2.7 (ISK).
	26	12 49 28.7%	17.109	N	100.272	W	33	N			0.7	6	GUERRERO, MEXICO
	26	13 38 05.9&	65.444	N	152.770	W	10					18	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	26	13 56 14.3?	41.11	N	28.47	E	10	G			1.0	4	TURKEY. MD 2.8 (ISK).
	26	14 12 05.8*	8.186	S	107.265	E	33	N	4.8		1.3	11	JAWA, INDONESIA
	26	14 53 06.3&	61.359	N	150.753	W	51		2.8			66	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.1 (PMR).
	26	14 57 21.9	36.139	N	70.212	E	141	D	4.9		1.2	82	HINDU KUSH REGION, AFGHANISTAN. Felt at Peshawar, Pakistan.
	26	15 23 51.2?	55.72	S	147.08	E	38	D	4.5		0.9	16	WEST OF MACQUARIE ISLAND
	26	16 18 18.8%	44.604	N	7.213	E	10	G			0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	26	16 24 07.2	34.538	N	80.506	E	33	N	4.5		1.0	15	XIZANG
	26	17 08 24.9&	34.038	N	117.575	W	8					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.
	26	17 29 55.4?	61.34	N	6.86	E	10	G			0.5	4	SOUTHERN NORWAY. MD 2.0 (BER).
	26	18 54 33.7	37.561	N	20.503	E	10	G	3.4		1.3	17	IONIAN SEA. ML 3.6 (THE). MD 3.4 (ATH).
	26	20 03 06.2*	35.900	N	78.485	E	33	N	4.4		0.7	8	EASTERN KASHMIR
	26	20 14 47.6	33.200	S	70.406	W	10	G			1.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	26	20 54 09.6	45.339	N	5.906	E	10	G			0.6	10	FRANCE. ML 2.4 (LDG).
	26	21 37 03.9?	8.64	S	128.05	E	263	?	3.9		0.9	5	TIMOR SEA
	26	23 20 00.0	4.436	S	120.114	E	33	N	4.7	4.3	1.0	31	SULAWESI, INDONESIA
	26	23 31 12.1	37.572	N	141.459	E	50	D	5.0	4.1	1.0	139	NEAR EAST COAST OF HONSHU, JAPAN
	27	00 30 21.6&	58.515	N	155.632	W	133					33	ALASKA PENINSULA. <AEIC>.
	27	00 36 29.4*	40.939	N	14.611	E	10	G			1.2	9	SOUTHERN ITALY
	27	02 23 04.6	5.388	N	82.563	W	33	N	4.5	4.3	1.1	49	SOUTH OF PANAMA. MD 4.3 (UPA).
	27	03 19 47.3*	45.400	N	151.429	E	33	N	4.4		1.1	31	KURIL ISLANDS
	27	03 22 09.8	1.972	S	79.770	W	104	*	4.4		1.0	40	ECUADOR. Felt at Guayaquil.
	27	03 38 26.9	30.652	N	140.602	E	85	*	4.8		1.0	91	SOUTH OF HONSHU, JAPAN
	27	04 43 29.9?	5.07	N	72.72	W	24	*	3.7		0.2	6	COLOMBIA. Felt at Sogamoso and Duitama.
	27	04 51 47.8	31.934	S	69.852	W	148	*			0.4	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
a	27	06 08 56.3	6.138	S	147.761	E	38	D	5.3	5.1	1.0	117	EASTERN NEW GUINEA REG., P.N.G. Mw 5.5 (HRV).
	27	07 18 09.4&	34.065	N	117.275	W	15					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt (IV) at Bloomington and (III) at San Bernardino. Also felt at Highland, Rialto and Riverside.
	27	08 08 19.6	10.886	N	86.533	W	33	N	4.6	4.0	1.1	41	OFF COAST OF COSTA RICA
	27	08 12 27.4	53.975	S	159.403	E	10	G	4.5		1.0	21	MACQUARIE ISLANDS REGION
	27	08 19 32.5*	32.159	S	68.483	W	116	?			0.5	7	MENDOZA PROVINCE, ARGENTINA
	27	08 39 05.7	16.489	S	174.006	W	59	?	5.1		1.0	102	TONGA ISLANDS
	27	08 54 33.9%	43.072	N	0.604	W	10	G			0.5	5	PYRENEES. ML 1.0 (STR).
	27	08 59 02.5%	39.107	N	16.678	E	10	G			0.8	9	SOUTHERN ITALY
	27	09 06 24.7*	9.553	S	159.625	E	33	N	4.3		0.9	10	SOLOMON ISLANDS. Felt (III) at Honiara.
	27	09 51 07.1*	36.431	N	71.093	E	126	?	4.4		1.1	13	AFGHANISTAN-TAJIKISTAN BORD REG.
	27	09 55 36.2%	44.157	N	6.988	E	10	G			0.1	6	FRANCE. ML 1.9 (GEN).
	27	10 08 03.4*	6.981	N	76.770	W	33	N			1.3	7	NORTHERN COLOMBIA
	27	10 19 51.1%	44.322	N	8.264	E	10	G			0.2	11	NORTHERN ITALY. ML 2.2 (GEN).
	27	10 36 37.8%	43.951	N	11.771	E	10	G			0.8	8	CENTRAL ITALY
	27	11 10 58.1	6.236	S	147.857	E	72	?	4.4		1.0	12	EASTERN NEW GUINEA REG., P.N.G.
	27	11 39 05.9*	56.206	N	153.002	W	33	N	4.0		1.2	44	KODIAK ISLAND REGION. ML 4.7 (AEIC).
	27	11 55 17.5%	24.556	S	116.896	E	10	G			0.1	5	WESTERN AUSTRALIA
	27	12 05 01.2?	8.90	N	126.34	E	33	N	4.2		1.5	12	MINDANAO, PHILIPPINE ISLANDS
	27	12 12 46.0	12.302	N	95.203	E	33	N	4.7		1.1	44	ANDAMAN ISLANDS, INDIA
	27	12 21 42.2*	42.497	N	24.143	E	10	G			1.2	9	BULGARIA. ML 3.0 (THE).
	27	12 34 27.1*	6.284	S	130.208	E	148	?	4.1		0.6	11	BANDA SEA
	27	13 04 05.1	55.672	S	27.142	W	33	N	5.5	5.1	1.0	65	SOUTH SANDWICH ISLANDS REGION
	27	13 09 21.9	5.217	S	68.655	E	10	G	5.0	4.4	1.1	68	CHAGOS ARCHIPELAGO REGION
	27	13 59 17.9	12.292	N	95.193	E	33	N	4.7	4.4	1.4	48	ANDAMAN ISLANDS, INDIA
	27	14 19 55.6	32.981	N	96.053	E	33	N	5.0		0.9	18	QINGHAI, CHINA
	27	14 20 11.9?	40.04	N	28.04	E	10	G			0.3	5	TURKEY. MD 2.6 (ISK).
	27	14 43 09.6?	41.56	N	28.42	E	10	G			0.4	5	TURKEY. MD 2.8 (ISK).
	27	14 56 01.9*	46.353	S	165.864	E	43	*	4.3	4.7	1.4	45	OFF W. COAST OF S. ISLAND, N.Z.
	27	15 25 35.3%	26.371	S	27.356	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	27	15 30 53.5	26.378	S	27.440	E	5	G			1.2	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 3.1 (BUL).
	27	15 36 04.3	26.336	S	27.399	E	5	G			1.2	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.2 (BUL).
	27	16 14 46.4*	21.183	S	68.755	W	161	?			0.9	8	CHILE-BOLIVIA BORDER REGION
	27	16 28 56.0%	26.823	S	26.805	E	10	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	27	16 40 00.0%	26.888	S	26.731	E	5	G			1.3	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	27	16 52 07.7%	30.864	S	68.344	W	10	G			1.4	5	SAN JUAN PROVINCE, ARGENTINA
	27	17 04 33.4*	43.038	N	20.975	E	5	G			1.2	12	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	27	17 21 18.4*	37.992	S	175.900	E	224	*			0.6	27	NORTH ISLAND, NEW ZEALAND
	27	17 29 33.3	35.468	N	29.417	E	23				0.3	10	EASTERN MEDITERRANEAN SEA. MD 3.9 (ATH).

a	27	17	36	21.5	5.260	S	68.581	E	10	G	5.4	4.7	0.9	202	CHAGOS ARCHIPELAGO REGION. Mw 5.1 (HRV).
	27	17	50	44.3%	33.749	S	70.320	W	110	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	27	18	52	05.0?	39.48	N	27.90	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	27	18	56	13.1?	46.78	S	165.59	E	33	N			1.0	12	OFF W. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	27	19	22	45.2	38.259	N	23.999	E	31		3.7		1.0	54	GREECE. ML 3.8 (ATH), 3.7 (THE).
	27	19	42	15.5&	62.893	N	150.908	W	100					43	CENTRAL ALASKA. <AEIC>.
	27	19	51	16.8&	63.229	N	150.407	W	121					45	CENTRAL ALASKA. <AEIC>.
	27	20	06	05.3?	38.91	N	25.49	E	10	G			0.6	6	AEGEAN SEA. MD 3.2 (ISK).
	27	20	07	04.2	42.753	N	43.828	E	16	D	4.6		1.3	63	NORTHWESTERN CAUCASUS. Felt (III) at Tsey, Russia.
	27	20	08	13.5	6.781	N	73.164	W	141	*	4.1		1.0	18	NORTHERN COLOMBIA
	27	20	33	01.2*	17.536	S	69.574	W	176		3.8		1.1	14	PERU-BOLIVIA BORDER REGION
	27	20	42	21.3	40.657	N	27.484	E	10	G			0.4	16	TURKEY. MD 3.2 (ISK).
	27	21	01	08.8	51.541	N	16.132	E	10	G			0.4	10	POLAND. ML 3.5 (VIE), 3.3 (GRF).
	27	21	10	45.8	65.630	N	149.176	W	10	G			1.0	12	NORTHERN ALASKA. ML 2.6 (AEIC).
	27	22	20	47.7%	39.141	N	16.699	E	10	G			0.7	13	SOUTHERN ITALY
	27	22	22	20.4	42.233	N	21.332	E	10	G	3.8		1.1	64	NORTHWESTERN BALKAN REGION. ML 3.7 (TTG), 3.5 (TIR), 3.5 (THE). Felt in the Skopje area, Yugoslavia.
	27	23	38	30.0?	33.67	S	71.97	W	33	N			1.3	14	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	27	23	57	06.1	40.769	S	174.530	E	98	*	3.9		1.1	28	COOK STRAIT, NEW ZEALAND
	28	00	04	02.2%	42.522	N	19.207	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	28	00	39	24.2*	50.343	N	18.906	E	10	G			1.2	5	POLAND. ML 2.8 (WAR).
	28	00	51	59.0?	30.95	S	68.80	W	33	N			1.0	4	SAN JUAN PROVINCE, ARGENTINA
	28	01	06	52.0?	38.04	N	1.17	W	10	G			1.4	4	SPAIN. mbLg 2.7 (MDD).
	28	01	16	19.4%	39.232	N	16.266	E	69	*			0.9	13	SOUTHERN ITALY
	28	01	39	19.5	40.106	S	174.885	E	27				0.7	27	COOK STRAIT, NEW ZEALAND. ML 3.8 (WEL).
	28	02	14	03.7	59.031	S	25.841	W	33	N	5.4		1.0	31	SOUTH SANDWICH ISLANDS REGION
a	28	02	32	13.7	45.286	N	149.993	E	99	D	5.2		0.9	269	KURIL ISLANDS. Mw 5.3 (HRV).
a	28	02	46	03.2	58.936	S	26.316	W	33	N	5.6	4.3	1.2	53	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV).
	28	03	47	23.3%	46.314	N	2.699	E	10	G			0.5	5	FRANCE
	28	03	54	47.9	31.695	S	69.822	W	130	G			0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	28	04	02	11.2%	39.511	N	26.297	E	10	G			0.4	5	TURKEY. MD 3.0 (ISK).
	28	04	27	42.0?	21.85	N	142.52	E	300	G	4.3		0.9	11	MARIANA ISLANDS REGION
	28	05	01	39.8?	31.93	S	70.15	W	33	N			0.3	4	CHILE-ARGENTINA BORDER REGION
a	28	05	16	15.4	47.384	N	153.578	E	33	N	5.3	4.4	0.9	250	KURIL ISLANDS. Mw 5.1 (HRV).
	28	05	44	39.2*	2.743	N	123.624	E	33	N	4.8		1.2	13	CELEBES SEA
	28	07	18	09.5%	44.502	N	7.174	E	10	G			0.4	5	NORTHERN ITALY. ML 1.9 (GEN).
	28	07	25	33.8*	29.302	S	68.723	W	10	G			1.0	7	SAN JUAN PROVINCE, ARGENTINA
	28	07	26	09.5?	22.85	N	144.09	E	167	?	4.2		0.8	8	VOLCANO ISLANDS REGION
	28	07	42	04.1%	39.611	N	29.476	E	10	G			0.9	5	TURKEY. MD 2.6 (ISK).
	28	08	06	40.4	30.558	S	72.000	W	33	N			1.1	20	OFF COAST OF CENTRAL CHILE
	28	08	17	24.3?	6.78	N	72.68	W	189	?	4.0		1.0	10	NORTHERN COLOMBIA
	28	08	39	18.7	40.040	N	29.486	E	10	G			0.7	6	TURKEY. MD 2.5 (ISK).
	28	09	15	13.4	40.499	S	176.545	E	75	*			0.8	26	NORTH ISLAND, NEW ZEALAND. Felt in central North Island.
	28	09	16	38.1	12.491	N	87.817	W	67		4.5		1.0	53	NEAR COAST OF NICARAGUA. MD 4.2 (APY). Felt (V) at Chinandega and Corinta. Also felt (II) at Usuluton, El Salvador.
	28	09	20	47.6	40.489	N	21.872	E	10	G			0.6	6	GREECE. ML 2.1 (THE).
	28	09	25	16.8?	39.45	N	29.54	E	10	G			0.5	4	TURKEY. MD 2.5 (ISK).
	28	09	33	41.3%	39.121	N	27.589	E	10	G			0.5	6	TURKEY. MD 2.8 (ISK).
	28	10	24	05.9	35.372	N	28.001	E	79	*	3.9		1.2	24	EASTERN MEDITERRANEAN SEA. MD 4.0 (ATH).
	28	10	39	21.2	44.002	N	15.936	E	15				0.9	40	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG), 3.4 (VIE), 3.4 (ZAG). MD 3.5 (TRI). Felt at Knin, Croatia.
	28	11	54	19.1?	41.68	N	22.28	E	10	G			0.4	4	NORTHWESTERN BALKAN REGION. ML 2.0 (THE), 1.7 (SKO).
	28	12	52	14.4	26.854	S	26.670	E	5	G	4.4		0.9	19	REPUBLIC OF SOUTH AFRICA. mbLg 3.9 (BUL).
	28	12	55	21.5	38.770	S	175.779	E	154	*			0.8	30	NORTH ISLAND, NEW ZEALAND
	28	13	28	38.6&	59.854	N	153.623	W	141		2.7			49	SOUTHERN ALASKA. <AEIC>.
	28	13	33	57.7	41.639	N	13.752	E	10	G			0.9	10	SOUTHERN ITALY
	28	13	43	48.6?	43.51	N	128.70	W	10	G			0.4	26	OFF COAST OF OREGON
	28	13	58	57.6%	40.110	N	28.968	E	10	G			0.8	8	TURKEY. MD 2.8 (ISK).
	28	14	20	05.5	42.167	N	20.140	E	10	G			0.9	38	NORTHWESTERN BALKAN REGION. ML 3.3 (TTG).
	28	14	46	47.2?	26.43	S	27.50	E	5	G			0.1	4	REPUBLIC OF SOUTH AFRICA
	28	14	57	47.1	39.194	N	20.522	E	10	G			1.0	13	GREECE-ALBANIA BORDER REGION. ML 3.2 (THE). MD 3.2 (ATH).
	28	14	58	44.2	60.122	N	4.665	E	10	G			0.8	8	SOUTHERN NORWAY. MD 2.0 (BER).
	28	15	03	46.1%	60.117	N	4.615	E	10	G			0.5	8	SOUTHERN NORWAY. MD 2.2 (BER).
	28	15	09	08.7%	28.061	S	26.896	E	5	G			0.4	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	28	15	27	56.8?	18.93	N	66.40	W	33	N			0.3	6	PUERTO RICO REGION
	28	15	38	25.3	26.367	S	27.462	E	5	G			1.1	9	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 3.0 (BUL).
	28	16	54	46.9?	37.80	S	176.18	E	224	?			0.5	19	NORTH ISLAND, NEW ZEALAND
	28	17	27	51.8%	28.102	S	26.889	E	5	G			0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	28	17	43	15.6%	26.385	S	27.406	E	5	G			0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	28	18	04	32.1	42.915	N	20.801	E	10	G			1.1	17	NORTHWESTERN BALKAN REGION. ML 2.9 (TTG), 2.6 (TIR).
	28	18	50	18.3	46.420	N	14.319	E	10	G			1.1	19	NORTHWESTERN BALKAN REGION. ML 3.1 (VIE), 3.0 (LJU). MD 2.8 (TRI). Felt (IV) at Ferlach, Austria. Felt (IV) at Jesenice, Slavenia.
	28	19	24	46.7	34.281	N	23.658	E	33	N	4.1		1.1	22	CRETE
	28	19	30	09.3?	9.82	S	72.94	W	33	N			0.9	5	PERU-BRAZIL BORDER REGION
	28	19	55	54.9*	31.270	S	68.470	W	102	?			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	28	20	20	02.6*	31.561	S	67.272	W	164	?			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	28	20	30	34.7	21.000	S	67.936	W	168	D	4.6		1.3	44	CHILE-BOLIVIA BORDER REGION
	28	21	28	04.8%	39.182	N	27.937	E	10	G			0.5	6	TURKEY. MD 2.7 (ISK).
	28	21	52	06.1	45.317	N	150.122	E	53	D	4.8		0.9	97	KURIL ISLANDS
	28	22	40	01.9&	36.190	N	89.440	W	7					29	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 3.5 (SLM). mbLg 3.6 (GS). Felt (IV) at Bogota, Covington, Finley, Lenox, Newbern and Ridgely, Tennessee. Also felt (IV) at Caruthersville, Missouri. Felt (III) at Somerville, Tigrett and Trimble, Tennessee; Steele, Missouri and Leachville, Arkansas. Felt at Dyersburg, Tennessee.
	28	23	52	52.1*	32.241	S	68.349	W	110	?			0.5	6	MENDOZA PROVINCE, ARGENTINA
	29	00	07	46.8%	17.838	N	66.266	W	33	N			0.4	7	PUERTO RICO REGION
	29	00	42	42.4	30.684	S	71.324	W	96	*			1.1	23	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	29	00	48	37.2&	33.961	N	119.172	W	12					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).

	29	02 30 01.1&	60.149	N	153.337	W	147					49	SOUTHERN ALASKA. <AEIC>.
	29	02 42 47.9*	33.983	S	179.092	W	58	?	4.8	4.8	1.2	23	SOUTH OF KERMADEC ISLANDS
	29	03 00 11.3&	61.942	N	151.366	W	78					44	SOUTHERN ALASKA. <AEIC>.
	29	03 00 46.2?	34.25	S	178.73	W	89	?	5.0		1.1	19	SOUTH OF KERMADEC ISLANDS
	29	03 02 45.1?	18.31	N	67.03	W	33	N			0.7	7	MONA PASSAGE
	29	03 44 26.3%	40.119	N	28.959	E	10	G			0.4	6	TURKEY. MD 2.6 (ISK).
	29	04 00 07.2&	59.447	N	152.493	W	,0					49	SOUTHERN ALASKA. <AEIC>.
	29	04 35 07.2&	59.105	N	153.109	W	74					40	SOUTHERN ALASKA. <AEIC>.
	29	05 19 12.4	23.138	S	68.243	W	153	*	4.6		1.2	17	NORTHERN CHILE
	29	05 32 02.1%	38.992	N	29.602	E	10	G			0.9	5	TURKEY. MD 2.8 (ISK).
	29	06 20 33.6?	41.16	N	28.85	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	29	07 37 04.6	40.689	N	107.053	W	5	G			0.7	12	COLORADO. ML 2.5 (GS).
	29	07 54 30.0	37.673	N	21.391	E	10	G	4.7	4.2	1.2	122	SOUTHERN GREECE. ML 4.7 (TIR), 4.6 (TTG), 4.4 (ATH), 4.3 (THE). Felt at Pirgos and Ilia.
a	29	08 21 00.8	35.611	N	112.112	W	10	G	5.5	5.0	1.0	266	WESTERN ARIZONA. Mw 5.3 (HRV). Same damage at Big Water, Utah and additional damage at Pipe Springs National Monument. Slight damage (V) in the Flagstaff area and short power outages at Grand Canyon Village, Tusayan and Valle. Felt (V) at Ash Fork, Bellemont, Clarkdale, Cottonwood, Parks, Peach Springs and Sedona; (IV) at Fredania, Gray Mountain, Jerome, Page, Paulden, Seligman, Williams and Winslow; (III) at Chinle, Chloride, Colorado City, Cornville, Grand Canyon, Kirkland and Pine. Felt (V) at Bryce, Cedar City, Kanab and Springdale, Utah; (IV) at Hurricane and Tropic, Utah. Felt at Lake Powell, Orderville, Rockville and St. George, Utah. Also felt at Cottonwood Cove, Las Vegas, Overton and Searchlight, Nevada.
	29	08 34 04.5?	39.09	N	27.70	E	10	G			0.7	4	TURKEY. MD 2.8 (ISK).
	29	08 55 15.7*	32.107	S	68.050	W	99	*			1.2	10	MENDOZA PROVINCE, ARGENTINA
	29	08 55 25.2	43.195	N	7.750	E	10	G			0.7	22	NEAR SOUTH COAST OF FRANCE. ML 3.0 (LDG), 2.5 (GEN).
	29	09 03 32.4*	37.864	N	21.420	E	10	G			1.0	10	SOUTHERN GREECE. MD 3.3 (ATH).
	29	09 39 38.5?	40.44	N	21.23	E	10	G			1.4	4	GREECE. ML 2.0 (THE).
	29	10 37 51.3?	17.69	S	178.88	W	589	?	4.6		0.7	14	FIJI ISLANDS REGION
	29	10 56 36.3?	63.28	N	27.25	E	10	G			0.3	4	FINLAND
	29	11 16 14.9%	44.401	N	7.303	E	10	G			0.6	8	NORTHERN ITALY. ML 2.0 (GEN).
	29	11 17 29.4%	44.403	N	7.316	E	10	G			0.4	9	NORTHERN ITALY. ML 2.0 (GEN).
	29	12 13 39.3*	42.453	N	24.071	E	10	G			1.0	7	BULGARIA
	29	12 22 47.4&	37.420	N	119.056	W	10					37	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.7 (BRK), 3.3 (GS).
	29	12 33 06.3%	39.130	N	27.656	E	10	G			0.6	6	TURKEY. MD 2.7 (ISK).
	29	12 36 09.7	35.603	N	112.079	W	10	G			1.0	10	WESTERN ARIZONA. ML 2.7 (GS).
	29	13 39 06.4%	39.287	N	27.601	E	10	G			0.3	5	TURKEY. MD 2.8 (ISK).
	29	14 36 44.1%	40.243	N	29.714	E	10	G			0.2	10	TURKEY. MD 3.0 (ISK).
	29	15 01 35.9%	42.987	N	13.056	E	10	G			0.7	5	CENTRAL ITALY
	29	15 24 22.0?	39.56	N	29.90	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	29	15 26 36.4	35.587	N	112.140	W	10	G			1.0	11	WESTERN ARIZONA. ML 3.3 (GS).
	29	16 11 48.1	26.365	S	27.474	E	5	G			1.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE). mbLg 2.8 (BUL).
	29	16 55 14.9%	39.455	N	28.128	E	5	G			0.5	10	TURKEY. MD 2.8 (ISK).
	29	18 01 20.8%	40.671	N	23.423	E	10	G			0.4	5	GREECE. ML 1.9 (THE).
	29	18 58 04.4%	45.470	N	27.705	E	10	G			0.5	6	ROMANIA
	29	19 34 49.7*	80.368	N	0.921	W	10	G	3.8		1.2	12	NORTH OF SVALBARD
	29	20 04 07.2*	40.095	N	20.264	E	10	G			0.8	7	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
	29	20 55 47.0?	1.10	N	99.87	E	175	?	4.2		0.9	9	NORTHERN SUMATERA, INDONESIA
	29	21 08 13.6	35.617	N	112.142	W	10	G			0.9	16	WESTERN ARIZONA. ML 3.6 (GS).
	29	21 32 28.3*	52.581	S	139.602	E	10	G	4.6		1.0	16	WEST OF MACQUARIE ISLAND
	29	21 37 27.7%	43.233	N	12.870	E	10	G			1.0	9	CENTRAL ITALY
	29	22 12 48.1	42.452	N	20.968	E	12		4.0		0.9	95	NORTHWESTERN BALKAN REGION. ML 3.8 (TTG), 3.6 (THE), 3.5 (TIR). Felt (IV) at Skopje, Yugoslavia.
	29	23 51 43.4*	20.216	S	169.348	E	45	D	4.6		1.1	25	VANUATU ISLANDS
	30	00 12 24.2%	42.477	N	12.847	E	10	G			0.4	6	CENTRAL ITALY
	30	00 22 29.3	31.046	N	41.446	W	10	G	4.5		0.6	27	NORTHERN MID-ATLANTIC RIDGE
	30	00 45 48.4	22.745	S	70.982	W	33	N	3.6		0.7	8	NEAR COAST OF NORTHERN CHILE
	30	01 13 20.1*	36.012	N	65.141	E	33	N	4.2		1.3	15	HINDU KUSH REGION, AFGHANISTAN
	30	01 51 39.1*	9.276	S	113.246	E	43	*	5.0		1.2	34	SOUTH OF JAWA, INDONESIA
	30	02 10 59.0	40.940	N	25.630	E	10	G			0.6	8	AEGEAN SEA. ML 3.1 (THE).
	30	02 37 02.2	44.525	N	9.785	E	20				0.9	29	NORTHERN ITALY. ML 2.5 (LDG).
	30	03 16 36.5*	24.172	S	67.033	W	206	*			0.9	11	CHILE-ARGENTINA BORDER REGION
	30	04 02 10.1*	51.446	N	16.082	E	10	G			0.7	9	POLAND. ML 3.2 (GRF), 3.2 (VIE).
	30	05 21 45.8%	38.357	N	1.025	W	10	G			0.3	5	SPAIN. mbLg 2.8 (MDD).
	30	05 45 44.3*	38.545	N	20.400	E	10	G			0.9	7	GREECE. ML 3.1 (THE).
	30	05 50 10.8	39.039	N	21.378	E	82	*			0.5	21	GREECE. MD 3.4 (ATH).
	30	07 11 53.4*	33.696	S	178.665	W	10	G	5.1	4.7	1.3	27	SOUTH OF KERMADEC ISLANDS
	30	07 43 51.2	40.111	N	24.773	E	10	G			0.8	17	AEGEAN SEA. MD 3.6 (ISK). ML 3.4 (THE).
	30	07 53 45.2?	19.23	N	121.02	E	10	G			0.3	4	PHILIPPINE ISLANDS REGION
	30	08 03 42.5?	31.23	S	68.90	W	119	?			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	30	08 04 47.6%	39.089	N	27.678	E	10	G			0.3	5	TURKEY. MD 2.8 (ISK).
	30	08 33 45.1%	47.272	N	11.275	E	10	G			0.6	5	AUSTRIA. ML 1.6 (VIE).
	30	08 35 07.9*	7.234	N	37.007	W	10	G	4.5	4.6	1.1	30	CENTRAL MID-ATLANTIC RIDGE
a	30	08 49 09.1	7.647	N	37.128	W	10	G	5.0	4.7	0.9	159	CENTRAL MID-ATLANTIC RIDGE. Mw 5.4 (HRV).
	30	09 16 37.2?	36.01	N	142.08	E	33	N	3.9		1.2	6	OFF EAST COAST OF HONSHU, JAPAN
	30	09 30 52.7*	40.469	N	21.747	E	10	G			1.2	5	GREECE. ML 2.0 (THE).
	30	09 35 53.0%	39.095	N	27.597	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	30	10 15 16.3	13.437	S	66.718	E	10	G	5.0	4.5	1.1	86	MID-INDIAN RIDGE
a	30	11 19 00.2	53.831	N	160.514	E	59		5.2		0.9	273	NEAR EAST COAST OF KAMCHATKA. Mw 5.0 (HRV). Felt (III) at Petropavlavsk-Kamchatskiy.
	30	11 23 04.6%	40.484	N	29.233	E	10	G			0.7	9	TURKEY. MD 2.8 (ISK).
	30	11 38 17.6?	31.51	S	69.44	W	142	?			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	30	11 45 57.1%	38.077	N	26.944	E	10	G			0.4	5	AEGEAN SEA. MD 3.3 (ISK).
	30	11 48 56.7?	19.39	N	96.06	W	33	N			1.2	5	VERACRUZ, MEXICO
a	30	12 29 36.3	13.991	N	91.536	W	68		4.7		1.0	98	NEAR COAST OF GUATEMALA. Mw 5.1 (HRV). MD 4.5 (GCG).
	30	12 46 18.6%	44.063	N	10.834	E	10	G			0.5	6	NORTHERN ITALY
	30	12 47 53.4*	38.580	S	175.255	E	278	?			0.4	16	NORTH ISLAND, NEW ZEALAND

	30	13	43	56.7?	41.58	N	22.33	E	10	G		0.4	5	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 2.0 (SKO).
	30	13	45	00.3	41.634	N	22.314	E	10	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 2.5 (THE), 2.3 (SKO).
	30	14	09	01.6	37.931	N	26.749	E	10	G		1.1	17	DODECANESE ISLANDS. MD 3.8 (ATH), 3.7 (ISK).
	30	14	10	11.1	38.185	S	177.135	E	82		4.7	1.4	44	NORTH ISLAND, NEW ZEALAND
a	30	14	16	34.8	6.042	S	130.303	E	108	D	5.1	0.8	93	BANDA SEA. Mw 4.9 (HRV).
	30	14	18	24.3%	37.993	N	26.913	E	10	G		0.5	7	DODECANESE ISLANDS. MD 3.5 (ISK).
	30	14	20	49.0%	37.968	N	26.809	E	10	G		0.5	7	DODECANESE ISLANDS. MD 3.4 (ISK).
	30	14	56	51.6	37.947	N	26.763	E	10	G		0.7	12	DODECANESE ISLANDS. MD 3.8 (ATH), 3.7 (ISK).
	30	15	05	38.6*	19.342	N	96.083	W	33	N	3.4	0.9	7	VERACRUZ, MEXICO
	30	15	42	02.6*	37.947	N	26.851	E	10	G		0.7	10	DODECANESE ISLANDS. MD 3.8 (ATH), 3.6 (ISK).
	30	16	04	24.2%	38.865	N	26.623	E	10	G		0.5	6	AEGEAN SEA
	30	16	15	07.6&	58.144	N	142.863	W	10	G			13	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	16	35	24.1*	34.116	N	26.388	E	33	N	3.8	1.0	14	CRETE
	30	17	40	01.2	42.536	N	19.033	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	30	17	57	45.5	39.804	N	21.932	E	10	G		0.5	8	GREECE. ML 2.4 (THE).
	30	18	46	11.3%	60.381	N	5.096	E	10	G		0.8	6	SOUTHERN NORWAY. MD 1.7 (BER).
	30	19	16	44.0?	11.96	N	68.91	W	10	G		0.5	6	NEAR COAST OF VENEZUELA
	30	19	22	06.8?	40.38	N	27.06	E	10	G		0.0	4	TURKEY. MD 2.9 (ISK).
	30	19	50	30.6*	37.963	N	26.808	E	5	G		1.1	5	DODECANESE ISLANDS
	30	20	49	17.9	43.171	N	7.723	E	23			0.4	17	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
	30	21	01	18.1	39.219	N	22.016	E	10	G		0.5	8	GREECE. ML 3.0 (THE).
	30	21	42	17.1	18.567	S	177.850	W	544	*	4.7	1.0	96	FIJI ISLANDS REGION
	30	22	05	56.0*	17.303	N	100.258	W	65	*	4.0	1.2	16	GUERRERO, MEXICO
	30	22	18	11.4	37.310	N	28.391	E	5	G		0.7	19	TURKEY. MD 3.7 (ISK).
	30	22	38	12.9?	18.07	N	64.96	W	10	G		0.5	5	VIRGIN ISLANDS
	30	22	50	11.5%	17.269	N	100.179	W	33	N		0.5	5	GUERRERO, MEXICO
	30	23	58	22.9%	38.831	N	27.129	E	10	G		1.0	6	TURKEY. MD 3.0 (ISK).

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

01 06 11 16.12 19.923S 177.538W 406km
5.4mb (68 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 75C
Centroid Location:
Origin Time 06:11:19.2 0.2
Lat 19.74S 0.03 Lon 177.46W 0.03
Dep 404.0 1.3 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.39 Plg= 1 Azm=217
N 0.10 57 126
P -4.48 33 307
Best Double Couple:Mo=4.4*10**17
NP1:Strike=347 Dip=67 Slip= -24
NP2: 87 68 -155

01 16 30 11.12 23.232N 94.498E 105km
5.3mb (119 obs.)
MYANMAR-INDIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 16:30:11.2 1.1
Lat 23.55N 0.11 Lon 94.00E 0.09
Dep 107.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.95 Plg=25 Azm= 59
N 1.47 43 174
P -6.42 37 309
Best Double Couple:Mo=5.7*10**16
NP1:Strike= 99 Dip=44 Slip=-169
NP2: 1 83 -46

02 01 56 31.36 17.840S 177.073W 362km
5.4mb (61 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 75C
Centroid Location:
Origin Time 01:56:38.7 0.3
Lat 17.44S 0.03 Lon 176.79W 0.02
Dep 391.5 1.3 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.96 Plg=24 Azm=222
N -0.33 59 0
P -3.63 18 123
Best Double Couple:Mo=3.8*10**17
NP1:Strike=261 Dip=59 Slip= 176
NP2: 354 86 31

02 08 04 11.77 17.373S 171.921W 9km
5.8mb (81 obs.) 5.6Msz (43 obs.)
TONGA ISLANDS REGION
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=205 Dip=67 Slip= -90
NP2: 25 23 -90
Principal Axes:
T Plg=22 Azm=295
P 68 115
Comment: The focal mechanism is poorly controlled and corresponds to normal foulting. The preferred foult plone is NP1.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 7.0±1.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. of sto: 19
Principal Axes:
Scale 10**17 Nm
T Val= 10.22 Plg= 7 Azm=289
N -0.47 14 21
P -9.75 74 172
Best Double Couple:Mo=1.0*10**18
NP1:Strike= 3 Dip=40 Slip=-112
NP2: 211 54 -73
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 92C
Centroid Location:
Origin Time 08:04:19.0 0.2
Lat 17.17S 0.02 Lon 171.59W 0.02
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 7.84 Plg= 8 Azm=267
N -0.87 15 359
P -6.97 73 149
Best Double Couple:Mo=7.4*10**17
NP1:Strike=340 Dip=39 Slip=-114
NP2: 190 55 -72

02 14 32 19.09 18.423N 145.221E 501km
5.2mb (90 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 44C
Centroid Location:
Origin Time 14:32:22.4 0.5
Lat 18.67N 0.05 Lon 145.30E 0.03
Dep 486.1 3.0 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.51 Plg=25 Azm=244
N 0.07 29 140
P -1.59 50 8
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 18 Dip=33 Slip= -27
NP2: 131 76 -120

02 20 23 22.94 57.395N 33.300W 17km
5.1mb (78 obs.) 5.0Msz (24 obs.)
NORTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 44C
Centroid Location:
Origin Time 20:23:27.4 0.5
Lat 57.34N 0.08 Lon 33.25W 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.91 Plg= 3 Azm=105
N 0.09 13 14
P -7.01 77 208
Best Double Couple:Mo=7.0*10**16
NP1:Strike=208 Dip=43 Slip= -71
NP2: 3 49 -107

04 17 21 36.20 53.443N 164.520W 33km
5.0mb (81 obs.) 4.8Msz (18 obs.)
UNIMAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 36C
Centroid Location:
Origin Time 17:21:37.8 0.6
Lat 53.33N 0.09 Lon 164.92W 0.12
Dep 29.2 5.2 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.12 Plg=52 Azm=329
N 0.17 2 61
P -1.29 38 153
Best Double Couple:Mo=1.2*10**17
NP1:Strike=258 Dip= 7 Slip= 107
NP2: 61 83 88

04 23 05 17.79 13.383N 120.551E 62km
5.4mb (74 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 14C
Centroid Location:
Origin Time 23:05:17.1 1.2
Lat 13.07N 0.11 Lon 120.81E 0.14
Dep 53.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.29 Plg=79 Azm=148
N 2.25 11 335
P -6.53 1 245
Best Double Couple:Mo=5.4*10**16
NP1:Strike=324 Dip=45 Slip= 74
NP2: 165 47 105

05 04 00 05.39 59.801S 26.312W 33km
6.0mb (34 obs.) 6.2Msz (69 obs.)
SOUTH SANDWICH ISLANDS REGION
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=258 Dip=72 Slip= -90
NP2: 78 18 -90
Principal Axes:
T Plg=27 Azm=348
P 63 168
Comment: The focal mechanism is

poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 7
Principal Axes:
Scale 10**18 Nm
T Val= 3.39 Plg=35 Azm= 2
N 0.09 0 92
P -3.47 55 182
Best Double Couple:Mo=3.4*10**18
NP1:Strike= 91 Dip=10 Slip= -90
NP2: 272 80 -90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, **C M.W.: 29S, 50C
Centroid Location:
Origin Time 04:00:12.6 0.1
Lat 60.47S 0.02 Lon 25.69W 0.02
Dep 18.4 0.7 Half-duration 3.1
Principal Axes:
Scale 10**18 Nm
T Val= 2.20 Plg=16 Azm=308
N 0.21 38 51
P -2.42 48 199
Best Double Couple:Mo=2.3*10**18
NP1:Strike=357 Dip=44 Slip=-152
NP2: 246 71 -50

05 06 49 16.92 57.342N 33.224W 10km
5.3mb (94 obs.) 5.1Msz (25 obs.)
NORTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 32C
Centroid Location:
Origin Time 06:49:19.5 0.7
Lat 57.74N 0.12 Lon 32.66W 0.09
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.83 Plg= 0 Azm=107
N -1.95 0 17
P -8.89 90 180
Best Double Couple:Mo=9.9*10**16
NP1:Strike=197 Dip=45 Slip= -90
NP2: 17 45 -90

05 16 51 39.74 59.787S 26.203W 33km
5.7mb (28 obs.) 5.8Msz (33 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 80C
Centroid Location:
Origin Time 16:51:44.5 0.2
Lat 60.04S 0.03 Lon 25.92W 0.06
Dep 38.9 2.3 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.68 Plg=49 Azm= 80
N -0.61 2 348
P -3.06 40 256
Best Double Couple:Mo=3.4*10**17
NP1:Strike=322 Dip= 5 Slip= 65
NP2: 168 85 92

06 00 59 13.67 45.481N 150.711E 47km
5.2mb (114 obs.) 4.7Msz (21 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 00:59:20.3 1.5
Lat 45.72N 0.11 Lon 150.98E 0.12
Dep 50.9 4.8 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 6.85 Plg=70 Azm=285
N 1.90 8 38
P -8.75 18 131
Best Double Couple:Mo=7.8*10**16
NP1:Strike=233 Dip=28 Slip= 107
NP2: 34 63 81

07 11 22 45.81 35.419S 54.023E 21km
5.2mb (16 obs.) 4.6Msz (1 obs.)
SOUTH INDIAN OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 13C
Centroid Location:
Origin Time 11:22:52.8 0.9
Lat 34.96S 0.17 Lon 54.44E 0.42
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.57 Plg=33 Azm=190
N 1.88 9 286
P -7.45 55 30
Best Double Couple:Mo=6.5*10**16
NP1:Strike=249 Dip=15 Slip=-128
NP2: 108 79 -81

08 00 20 00.16 24.605S 175.931W 43km
5.1mb (29 obs.) 5.4Msz (2 obs.)
SOUTH OF TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 40C
Centroid Location:
Origin Time 00:19:58.6 0.7
Lat 24.59S 0.10 Lon 175.21W 0.07
Dep 18.8 3.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.54 Plg=66 Azm=319
N -0.46 8 210
P -6.08 22 116
Best Double Couple:Mo=6.3*10**16
NP1:Strike=190 Dip=24 Slip= 69
NP2: 33 68 99

08 03 49 33.23 35.653N 77.652E 42km
5.0mb (77 obs.) 4.6Msz (29 obs.)
EASTERN KASHMIR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 24C
Centroid Location:
Origin Time 03:49:33.6 1.0
Lat 35.81N 0.11 Lon 78.15E 0.09
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.21 Plg= 2 Azm=136
N 0.26 68 40
P -7.47 21 227
Best Double Couple:Mo=7.3*10**16
NP1:Strike=269 Dip=73 Slip= -14
NP2: 4 77 -163

08 12 49 28.71 4.409S 120.124E 31km
5.3mb (48 obs.) 4.8Msz (14 obs.)
SULAWESI, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 64C
Centroid Location:
Origin Time 12:49:35.3 0.4
Lat 4.06S 0.05 Lon 120.72E 0.04
Dep 43.5 2.8 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.10 Plg=88 Azm=269
N 0.25 1 22
P -1.35 2 112
Best Double Couple:Mo=1.2*10**17
NP1:Strike=203 Dip=43 Slip= 91
NP2: 22 47 89

08 19 13 10.75 18.222N 71.132W 13km
5.3mb (75 obs.) 4.7Msz (19 obs.)
DOMINICAN REPUBLIC REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 18C
Centroid Location:
Origin Time 19:13:15.8 1.1
Lat 18.40N 0.11 Lon 71.46W 0.12
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.17 Plg=52 Azm=180
N 3.99 6 278
P -8.16 38 12
Best Double Couple:Mo=6.2*10**16
NP1:Strike=139 Dip= 9 Slip= 131
NP2: 277 83 84

08 20 17 21.35 6.215N 120.230E 46km
5.2mb (45 obs.) 4.5Msz (9 obs.)
SULU ARCHIPELAGO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 26C
Centroid Location:
Origin Time 20:17:20.4 0.9
Lat 6.06N 0.08 Lon 120.35E 0.10
Dep 30.6 8.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.12 Plg=36 Azm=329
N -0.12 52 127
P -6.00 11 231
Best Double Couple:Mo=6.1*10**16
NP1:Strike= 4 Dip=57 Slip= 160
NP2: 105 74 35

09 11 35 38.16 14.937N 120.510E 34km
5.6mb (97 obs.) 5.6Msz (51 obs.)
LUZON, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 64C
Centroid Location:
Origin Time 11:35:43.7 0.5
Lat 15.59N 0.04 Lon 120.42E 0.05
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2.92 Plg=23 Azm=218
N -0.81 48 336
P -2.11 33 112
Best Double Couple:Mo=2.5*10**17
NP1:Strike=258 Dip=49 Slip=-172
NP2: 163 84 -42

10 09 12 38.86 0.212S 124.385E 39km
5.2mb (59 obs.) 4.5Msz (4 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 63C
Centroid Location:
Origin Time 09:12:44.8 0.3
Lat 0.17S 0.03 Lon 124.58E 0.04
Dep 63.7 2.7 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 12.70 Plg=66 Azm=270
N 0.50 15 37
P -13.20 18 131
Best Double Couple:Mo=1.3*10**17
NP1:Strike=244 Dip=30 Slip= 121
NP2: 29 65 74

10 13 31 01.32 54.128S 129.650W 10km
4.8mb (6 obs.) 4.9Msz (6 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 58C
Centroid Location:
Origin Time 13:31:11.2 0.2
Lat 54.95S 0.04 Lon 129.13W 0.05
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.65 Plg= 2 Azm=155
N 0.30 70 58
P -1.95 20 246
Best Double Couple:Mo=1.8*10**17
NP1:Strike=289 Dip=74 Slip= -12
NP2: 22 78 -164

10 21 01 26.55 22.571S 68.940W 116km
5.1mb (21 obs.)
NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 50C
Centroid Location:
Origin Time 21:01:34.2 0.3
Lat 22.39S 0.03 Lon 68.80W 0.04
Dep 120.8 1.8 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 12.30 Plg=24 Azm= 90
N -1.60 13 354
P -10.70 62 238
Best Double Couple:Mo=1.1*10**17
NP1:Strike=206 Dip=24 Slip= -56
NP2: 349 71 -104

11 05 08 09.58 1.369N 126.183E 58km
5.2mb (52 obs.)

NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 35S, 57C
Centroid Locotion:
Origin Time 05:08:13.9 0.4
Lat 1.69N 0.04 Lon 126.43E 0.04
Dep 43.8 2.6 Half-durotion 1.1
Principol Axes:
Scole 10**16 Nm
T Val= 10.22 Plg=71 Azm=301
N -1.76 6 192
P -8.46 18 100
Best Double Couple:Mo=9.3*10**16
NP1:Strike=180 Dip=28 Slip= 76
NP2: 15 63 97

11 06 00 56.42 51.287N 178.599W 33km
5.6mb (121 obs.) 4.8Msz (40 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 30S, 51C
Centroid Location:
Origin Time 06:00:58.6 0.4
Lat 51.24N 0.04 Lon 178.44W 0.08
Dep 17.0 BDY Half-duration 1.2
Principol Axes:
Scole 10**16 Nm
T Vol= 12.94 Plg=69 Azm=358
N 0.00 7 251
P -12.94 20 158
Best Double Couple:Mo=1.3*10**17
NP1:Strike=237 Dip=25 Slip= 74
NP2: 74 66 97

11 06 59 48.10 39.744S 176.542E 33km
5.5mb (19 obs.) 5.5Msz (28 obs.)
NORTH ISLAND, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 37S, 83C
Centroid Location:
Origin Time 06:59:54.1 0.2
Lat 39.68S 0.03 Lon 176.83E 0.04
Dep 22.4 2.1 Holf-duration 1.9
Principal Axes:
Scole 10**17 Nm
T Val= 4.11 Plg=59 Azm=286
N 0.70 3 22
P -4.80 31 114
Best Double Couple:Mo=4.5*10**17
NP1:Strike=215 Dip=15 Slip= 103
NP2: 21 76 86

11 11 18 30.37 0.833N 123.825E 284km
5.4mb (73 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 25S, 35C
Centroid Locotion:
Origin Time 11:18:35.7 0.4
Lot 1.48N 0.03 Lon 124.15E 0.02
Dep 264.0 2.1 Holf-durotion 1.3
Principol Axes:
Scole 10**17 Nm
T Vol= 1.52 Plg=41 Azm=310
N -0.14 12 50
P -1.38 47 153
Best Double Couple:Mo=1.5*10**17
NP1:Strike=335 Dip=12 Slip=-166
NP2: 231 87 -78

12 14 00 40.95 28.330N 57.148E 33km
5.2mb (90 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 19S, 22C
Centroid Locatlon:
Origin Time 14:00:52.8 0.9
Lat 28.39N FIX;Lon 57.15E FIX
Dep 33.0 FIX Holf-durotion 1.0
Principal Axes:
Scole 10**16 Nm
T Val= 3.29 Plg=85 Azm=302
N 0.05 5 108
P -3.34 1 198
Best Double Couple:Mo=3.3*10**16
NP1:Strike=292 Dip=44 Slip= 97
NP2: 103 46 84

13 20 07 16.69 1.196N 126.518E 45km
5.5mb (68 obs.) 5.0Msz (13 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 35S, 67C
Centroid Location:
Origin Time 20:07:25.0 0.4
Lot 1.30N 0.03 Lon 126.19E 0.04
Dep 88.1 1.5 Half-durotion 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.50 Plg=10 Azm= 90
N 0.88 76 314
P -5.37 10 182
Best Double Couple:Mo=4.9*10**17
NP1:Strike=226 Dip=76 Slip= 0
NP2: 136 90 166

14 05 58 32.63 51.131N 168.825W 33km
5.6mb (129 obs.) 5.4Msz (44 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 44S, **C
Centroid Location:
Origin Time 05:58:33.3 0.1
Lot 51.06N 0.02 Lon 168.65W 0.03
Dep 15.0 BDY Half-durotion 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.81 Plg= 1 Azm=338
N -0.82 13 248
P -6.99 77 73
Best Double Couple:Mo=7.4*10**17
NP1:Strike= 81 Dip=45 Slip= -72
NP2: 236 47 -107

15 10 32 31.28 16.395S 14.293W 10km
5.6mb (81 obs.) 5.2Msz (41 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 40S, 77C
Centroid Locotion:
Origin Time 10:32:40.6 0.3
Lot 16.22S 0.03 Lon 14.61W 0.03
Dep 15.0 FIX Half-duration 1.5
Principol Axes:
Scole 10**17 Nm
T Vol= 2.48 Plg=11 Azm=125
N -0.15 74 352
P -2.33 11 217
Best Double Couple:Mo=2.4*10**17
NP1:Strike=261 Dip=74 Slip= 0
NP2: 351 90 -164

15 13 32 38.21 18.182S 178.092W 457km
5.1mb (67 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 37S, 80C
Centroid Location:
Origin Time 13:32:46.6 0.3
Lot 17.85S 0.03 Lon 177.98W 0.02
Dep 481.8 1.4 Half-durotion 1.7
Principal Axes:
Scale 10**17 Nm
T Vol= 2.84 Plg=55 Azm=174
N 0.70 4 78
P -3.54 35 346
Best Double Couple:Mo=3.2*10**17
NP1:Strike= 59 Dip=11 Slip= 71
NP2: 259 80 94

15 16 11 19.81 7.349S 156.129E 27km
5.2mb (34 obs.) 4.9Msz (4 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 20S, 26C
Centroid Locotion:
Origin Time 16:11:24.6 1.1
Lot 7.31S 0.12 Lon 156.09E 0.08
Dep 18.7 3.7 Holf-durotion 1.0
Principal Axes:
Scole 10**16 Nm
T Vol= 11.70 Plg=60 Azm= 0
N -1.84 20 128
P -9.86 22 226
Best Double Couple:Mo=1.1*10**17
NP1:Strike=349 Dip=29 Slip= 135
NP2: 120 70 69

15 19 43 41.21 10.300N 125.962E 45km
4.9mb (33 obs.) 4.2Msz (10 obs.)
LEYTE, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 19:43:43.7 1.1
Lat 10.07N 0.11 Lon 125.93E 0.11
Dep 95.5 9.8 Half-durotion 1.1
Principol Axes:
Scale 10**16 Nm
T Val= 6.77 Plg=21 Azm=328
N 0.61 57 200
P -7.38 23 68
Best Double Couple:Mo=7.1*10**16
NP1:Strike=108 Dip=57 Slip= -2
NP2: 198 89 -147

15 20 51 33.56 49.180N 156.039E 33km
4.8mb (46 obs.) 4.6Msz (10 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 15S, 20C
Centroid Locotion:
Origin Time 20:51:42.9 2.1
Lat 49.04N 0.13 Lon 156.02E 0.22
Dep 20.9 6.0 Holf-durotion 1.0
Principol Axes:
Scole 10**16 Nm
T Vol= 4.00 Plg=68 Azm=347
N -1.01 12 224
P -3.00 18 130
Best Double Couple:Mo=3.5*10**16
NP1:Strike=201 Dip=29 Slip= 64
NP2: 50 64 104

16 04 09 19.31 56.212N 155.086W 25km
5.3mb (82 obs.) 5.1Msz (39 obs.)
ALASKA PENINSULA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 80C
Centroid Locotion:
Origin Time 04:09:24.3 0.3
Lot 55.90N 0.04 Lon 154.54W 0.05
Dep 26.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.15 Plg=57 Azm=316
N 0.20 4 52
P -2.35 33 145
Best Double Couple:Mo=2.2*10**17
NP1:Strike=251 Dip=13 Slip= 109
NP2: 51 78 86

16 14 08 38.93 17.778S 178.864W 565km
6.0mb (70 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 10 Dip=90 Slip= -65
NP2: 100 25 -180
Principal Axes:
T Plg=40 Azm= 77
P 40 303
Comment: The focal mechanism is poorly controlled and corresponds to normol faulting with o moderote strike-slip component. The preferred foult plane is not determined.
RADIATED ENERGY
No. of sto: 22 Focal mech. M
Energy 8.7±1.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 566 No. of sta: 28
Principal Axes:
Scale 10**19 Nm
T Val= 2.40 Plg=29 Azm=127
N 0.36 42 7
P -2.76 34 239
Best Double Couple:Mo=2.6*10**19
NP1:Strike=271 Dip=42 Slip= -4
NP2: 4 87 -132
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 44S, **C M.W.: 35S, 75C
Centroid Locotion:
Origin Time 14:08:46.7 0.1
Lat 17.54S 0.01 Lon 178.76W 0.01

Dep 591.7 0.5 Half-duration 6.8
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.54	29	132
N	0.16	43	10
P	-2.70	33	243

Best Double Couple:Mo=2.6*10**19
NP1:Strike=276 Dip=44 Slip= -3
NP2: 8 88 -134

17 14 38 41.62 18.816S 174.246W 63km
5.3mb (55 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 30C
Centroid Location:
Origin Time 14:38:47.4 0.6
Lat 18.59S 0.09 Lon 174.10W 0.08
Dep 42.2 7.9 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.09	46	88
N	0.05	9	188
P	-1.14	42	286

Best Double Couple:Mo=1.1*10**17
NP1:Strike= 86 Dip=10 Slip= 169
NP2: 187 88 81

17 20 32 44.51 16.595S 177.397W 10km
5.8mb (52 obs.) 6.0Msz (51 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=325 Dip=88 Slip=-173
NP2: 235 83 -2
Principal Axes:

	Plg=	Azm=
T	4	100
P	6	190

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 2.4±0.7*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 18
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.69	11	271
N	0.17	77	124
P	-2.86	7	3

Best Double Couple:Mo=2.8*10**18
NP1:Strike= 47 Dip=77 Slip= 3
NP2: 317 87 167
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, **C M.W.: 29S, 61C
Centroid Location:
Origin Time 20:32:52.4 0.1
Lat 16.40S 0.01 Lon 177.31W 0.01
Dep 15.0 FIX Half-durotion 3.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.93	5	273
N	-0.18	84	70
P	-2.75	2	183

Best Double Couple:Mo=2.8*10**18
NP1:Strike=318 Dip=85 Slip= 178
NP2: 48 88 5

18 04 55 40.00 11.997N 95.026E 24km
5.1mb (69 obs.) 4.6Msz (3 obs.)
ANDAMAN ISLANDS, INDIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 13C
Centroid Location:
Origin Time 04:55:44.8 0.5
Lat 12.00N 0.21 Lon 95.52E 0.14
Dep 17.3 7.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.90	9	138
N	2.05	36	235
P	-7.95	52	37

Best Double Couple:Mo=6.9*10**16
NP1:Strike=194 Dip=48 Slip=-143
NP2: 77 63 -48

18 09 16 23.22 11.652S 76.530W 106km
6.0mb (120 obs.)
CENTRAL PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 35 Dip=70 Slip= -33
NP2: 138 59 -157
Principal Axes:

	Plg=	Azm=
T	7	88
P	37	353

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 4.8±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 107 No. of sta: 18
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.50	11	107
N	0.43	31	204
P	-2.93	57	360

Best Double Couple:Mo=2.7*10**18
NP1:Strike=165 Dip=43 Slip=-138
NP2: 42 63 -55
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 44S, **C M.W.: 35S, 62C
Centroid Location:
Origin Time 09:16:29.7 0.1
Lat 11.67S 0.01 Lon 76.58W 0.01
Dep 113.4 0.7 Half-duration 3.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.84	5	271
N	-0.05	51	175
P	-2.79	39	5

Best Double Couple:Mo=2.8*10**18
NP1:Strike= 40 Dip=60 Slip= -26
NP2: 144 67 -147

18 14 10 38.42 53.958S 133.868W 10km
5.6mb (31 obs.) 6.1Msz (38 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C M.W.: 38S, 77C
Centroid Location:
Origin Time 14:10:48.0 0.1
Lat 54.01S 0.01 Lon 133.88W 0.01
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.74	19	329
N	0.05	61	200
P	-2.79	21	67

Best Double Couple:Mo=2.8*10**18
NP1:Strike=108 Dip=61 Slip= -1
NP2: 198 89 -151

19 21 01 48.94 4.015N 128.204E 24km
6.1mb (95 obs.) 6.7Msz (50 obs.)
NORTH OF HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=190 Dip=73 Slip= 126
NP2: 302 39 27
Principal Axes:

	Plg=	Azm=
T	49	139
P	20	254

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 5.2±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 15
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.52	44	131
N	0.02	34	360
P	-1.54	26	250

Best Double Couple:Mo=1.5*10**19
NP1:Strike=291 Dip=36 Slip= 17
NP2: 187 80 125
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C M.W.: 39S, 79C
Centroid Location:
Origin Time 21:01:57.5 0.1
Lat 4.09N 0.01 Lon 128.37E 0.01
Dep 41.1 0.6 Half-duration 5.6
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.53	50	145
N	0.15	34	2
P	-1.68	19	259

Best Double Couple:Mo=1.6*10**19
NP1:Strike=308 Dip=40 Slip= 29
NP2: 195 72 126

20 08 11 21.04 54.366S 144.086E 10km
5.3mb (23 obs.) 5.7Msz (15 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 97C
Centroid Location:
Origin Time 08:11:26.0 0.2
Lat 54.77S 0.02 Lon 143.82E 0.03
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.66	3	41
N	0.08	69	140
P	-6.74	20	310

Best Double Couple:Mo=6.7*10**17
NP1:Strike= 87 Dip=73 Slip=-168
NP2: 354 78 -17

20 16 26 19.50 20.883S 178.699W 592km
5.6mb (80 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 71C
Centroid Location:
Origin Time 16:26:24.3 0.2
Lat 20.70S 0.02 Lon 178.56W 0.02
Dep 599.9 1.3 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.72	18	209
N	0.32	28	110
P	-6.04	56	328

Best Double Couple:Mo=5.9*10**17
NP1:Strike=335 Dip=37 Slip= -38
NP2: 98 68 -120

21 12 58 31.50 0.012S 123.686E 149km
5.1mb (60 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 16C
Centroid Location:
Origin Time 12:58:33.6 0.7
Lat 0.07N 0.09 Lon 123.84E 0.07
Dep 136.0 2.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.08	80	166
N	1.49	9	0
P	-7.57	2	270

Best Double Couple:Mo=6.8*10**16
NP1:Strike=350 Dip=43 Slip= 76
NP2: 188 48 103

22 00 59 38.85 8.922S 108.208W 10km
4.9mb (18 obs.) 4.8Msz (24 obs.)
CENTRAL EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 00:59:54.3 1.6
Lat 8.53S 0.14 Lon 107.72W 0.13
Dep 15.0 FIX Half-durotion 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.36	12	256
N	-0.18	61	145
P	-1.18	26	352

Best Double Couple:Mo=1.3*10**17
NP1:Strike= 31 Dip=63 Slip= -11
NP2: 126 80 -153

22 01 05 37.90 4.095S 102.313E 70km
5.7mb (81 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 26S, 49C
Centroid Location:
Origin Time 01:05:41.2 0.4
Lat 4.43S 0.03 Lon 102.17E 0.05
Dep 57.6 3.1 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.26 Plg=70 Azm= 39
N 0.16 6 291
P -1.42 19 199
Best Double Couple:Mo=1.3*10**17
NP1:Strike=278 Dip=26 Slip= 76
NP2: 114 65 97

22 12 45 55.09 56.885N 154.638W 35km
5.4mb (121 obs.) 4.4Msz (34 obs.)
KODIAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 37C
Centroid Locotion:
Origin Time 12:45:57.7 0.4
Lat 56.80N 0.09 Lon 153.81W 0.10
Dep 27.4 5.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.87 Plg=14 Azm=314
N 0.12 13 221
P -3.99 71 90
Best Double Couple:Mo=3.9*10**16
NP1:Strike= 61 Dip=33 Slip= -67
NP2: 214 60 -105

22 22 15 19.04 53.350S 159.394E 10km
5.5mb (34 obs.) 5.2Msz (28 obs.)
MACQUARIE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 61C
Centroid Location:
Origin Time 22:15:23.5 0.3
Lat 53.12S 0.03 Lon 159.17E 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.77 Plg= 0 Azm=165
N -0.23 90 180
P -1.53 0 75
Best Double Couple:Mo=1.6*10**17
NP1:Strike=210 Dip=90 Slip=-180
NP2: 300 90 0

24 09 54 21.05 17.871S 179.849E 599km
5.5mb (95 obs.)
FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C
Centroid Location:
Origin Time 09:54:28.5 0.2
Lat 17.51S 0.02 Lon 179.97E 0.01
Dep 610.4 0.9 Half-duration 3.2
Principal Axes:
Scale 10**18 Nm
T Val= 2.62 Plg=26 Azm= 38
N 0.21 24 141
P -2.83 53 268
Best Double Couple:Mo=2.7*10**18
NP1:Strike= 86 Dip=29 Slip=-148
NP2: 327 75 -65

25 00 07 08.73 15.679S 172.960W 33km
5.4mb (62 obs.) 5.7Msz (61 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C
Centroid Location:
Origin Time 00:07:15.0 0.2
Lat 15.42S 0.02 Lon 172.69W 0.02
Dep 15.0 BDY Half-durotion 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 10.66 Plg=63 Azm=280
N 0.05 6 178
P -10.71 26 85
Best Double Couple:Mo=1.1*10**18
NP1:Strike=160 Dip=19 Slip= 71
NP2: 0 72 96

25 17 42 48.72 1.897S 145.753E 33km
5.1mb (41 obs.) 5.3Msz (23 obs.)
ADMIRALTY ISLANDS REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 58C
Centroid Location:
Origin Time 17:42:53.5 0.3
Lat 1.61S 0.05 Lon 145.78E 0.03
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.19 Plg= 1 Azm=125
N -0.12 83 29
P -2.08 7 215
Best Double Couple:Mo=2.1*10**17
NP1:Strike=260 Dip=85 Slip= -4
NP2: 350 86 -175

26 01 17 49.95 6.149S 149.867E 64km
5.2mb (43 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 71C
Centroid Location:
Origin Time 01:17:53.8 0.4
Lat 6.20S 0.04 Lon 150.14E 0.05
Dep 18.9 2.4 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.51 Plg=64 Azm=356
N 0.18 1 263
P -1.68 26 172
Best Double Couple:Mo=1.6*10**17
NP1:Strike=259 Dip=19 Slip= 86
NP2: 83 71 91

27 06 08 56.33 6.138S 147.761E 38km
5.3mb (48 obs.) 5.1Msz (40 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 38S, 76C
Centroid Locotion:
Origin Time 06:09: 4.9 0.3
Lat 6.25S 0.02 Lon 148.08E 0.03
Dep 36.2 2.3 Half-duratian 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.77 Plg=77 Azm= 22
N 0.47 3 278
P -2.24 13 187
Best Double Couple:Mo=2.0*10**17
NP1:Strike=273 Dip=33 Slip= 84
NP2: 100 58 94

27 17 36 21.53 5.260S 68.581E 10km
5.4mb (84 obs.) 4.7Msz (13 obs.)
CHAGOS ARCHIPELAGO REGION
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 16S, 23C
Centroid Location:
Origin Time 17:36:24.9 0.6
Lat 5.43S 0.10 Lon 68.40E 0.08
Dep 15.0 FIX Half-durotion 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 5.31 Plg=18 Azm= 82
N -0.40 6 350
P -4.91 71 241
Best Double Couple:Mo=5.1*10**16
NP1:Strike=182 Dip=28 Slip= -76
NP2: 346 63 -97

28 02 32 13.72 45.286N 149.993E 99km
5.2mb (99 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 29S, 46C
Centroid Locotion:
Origin Time 02:32:15.5 0.4
Lat 45.21N 0.05 Lon 150.07E 0.05
Dep 98.5 3.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.63 Plg=45 Azm=323
N -3.34 37 101
P -8.30 22 209
Best Double Couple:Mo=1.0*10**17
NP1:Strike=345 Dip=40 Slip= 159
NP2: 91 77 52

28 02 46 03.25 58.936S 26.316W 33km
5.6mb (23 obs.) 4.3Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 21C
Centroid Location:
Origin Time 02:46:16.4 0.6
Lat 59.13S 0.07 Lon 26.11W 0.12
Dep 112.6 4.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.08 Plg=50 Azm= 70
N -2.06 23 309
P -9.02 30 205
Best Double Couple:Mo=1.0*10**17
NP1:Strike=248 Dip=26 Slip= 26
NP2: 134 79 114

28 05 16 15.42 47.384N 153.578E 33km
5.3mb (103 obs.) 4.4Msz (25 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 11C
Centroid Location:
Origin Time 05:16:16.5 0.9
Lat 47.37N FIX;Lon 153.61E FIX
Dep 48.917.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.36 Plg=33 Azm=144
N -1.61 56 341
P -3.75 8 239
Best Double Couple:Mo=4.6*10**16
NP1:Strike=287 Dip=62 Slip= 19
NP2: 187 73 150

29 08 21 00.81 35.611N 112.112W 10km
5.5mb (87 obs.) 5.0Msz (16 obs.)
WESTERN ARIZONA
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 29S, 50C
Centroid Locotion:
Origin Time 08:21:10.0 0.3
Lat 35.99N 0.04 Lon 111.93W 0.06
Dep 15.0 BDY Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 0.90 Plg= 3 Azm= 11
N 0.26 7 280
P -1.16 83 126
Best Double Couple:Mo=1.0*10**17
NP1:Strike=108 Dip=42 Slip= -80
NP2: 275 49 -99

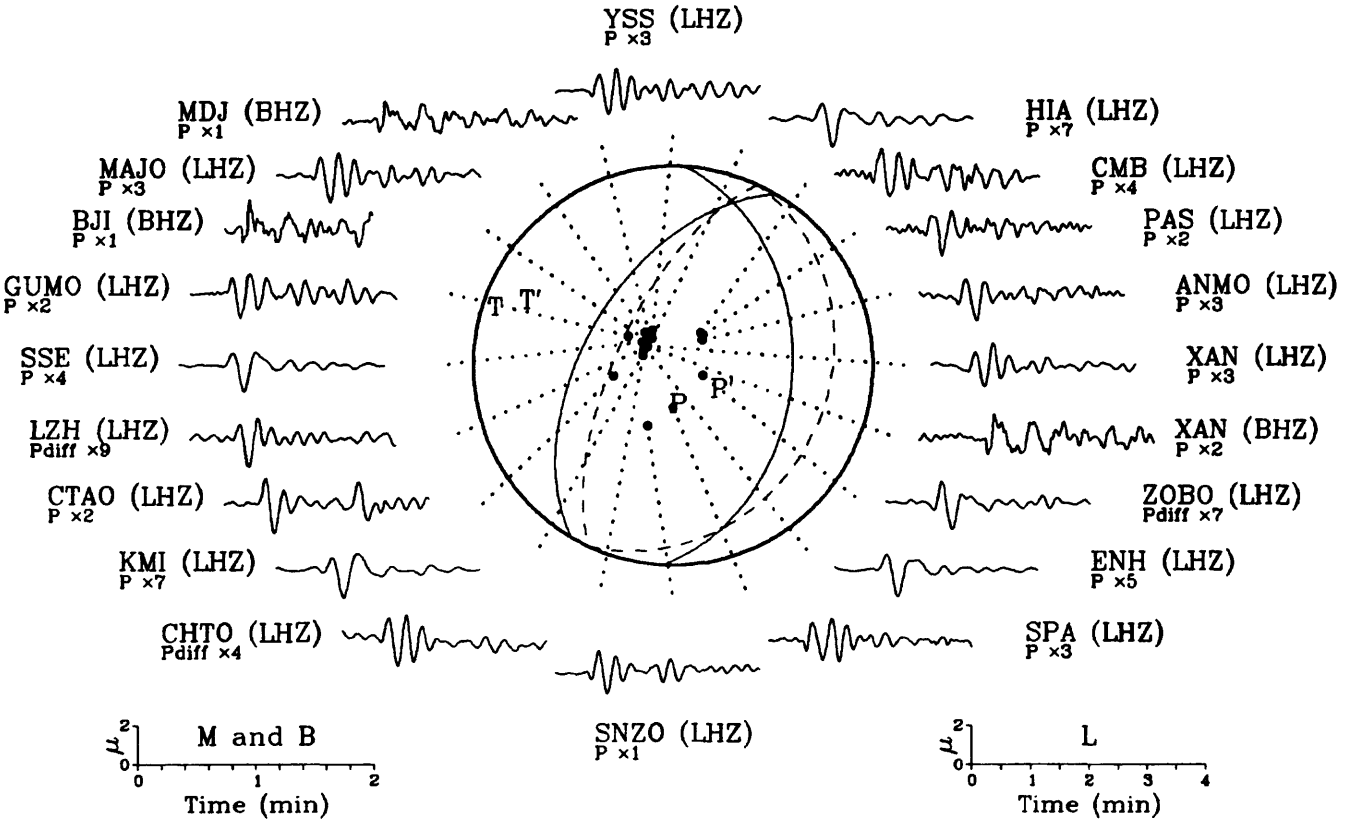
30 08 49 09.16 7.647N 37.128W 10km
5.0mb (53 obs.) 4.7Msz (24 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 21S, 39C
Centroid Location:
Origin Time 08:49:15.3 0.5
Lot 7.84N 0.07 Lon 37.20W 0.05
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.32 Plg= 8 Azm=226
N -0.12 81 63
P -1.20 3 317
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 2 Dip=82 Slip= 4
NP2: 271 86 172

30 11 19 00.29 53.831N 160.514E 59km
5.2mb (91 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 11:19: 6.3 0.7
Lot 53.71N 0.09 Lon 160.78E 0.10
Dep 55.8 6.3 Half-durotion 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.90 Plg=81 Azm=317
N -1.33 1 55
P -2.57 9 145
Best Double Couple:Mo=3.2*10**16
NP1:Strike=237 Dip=36 Slip= 92

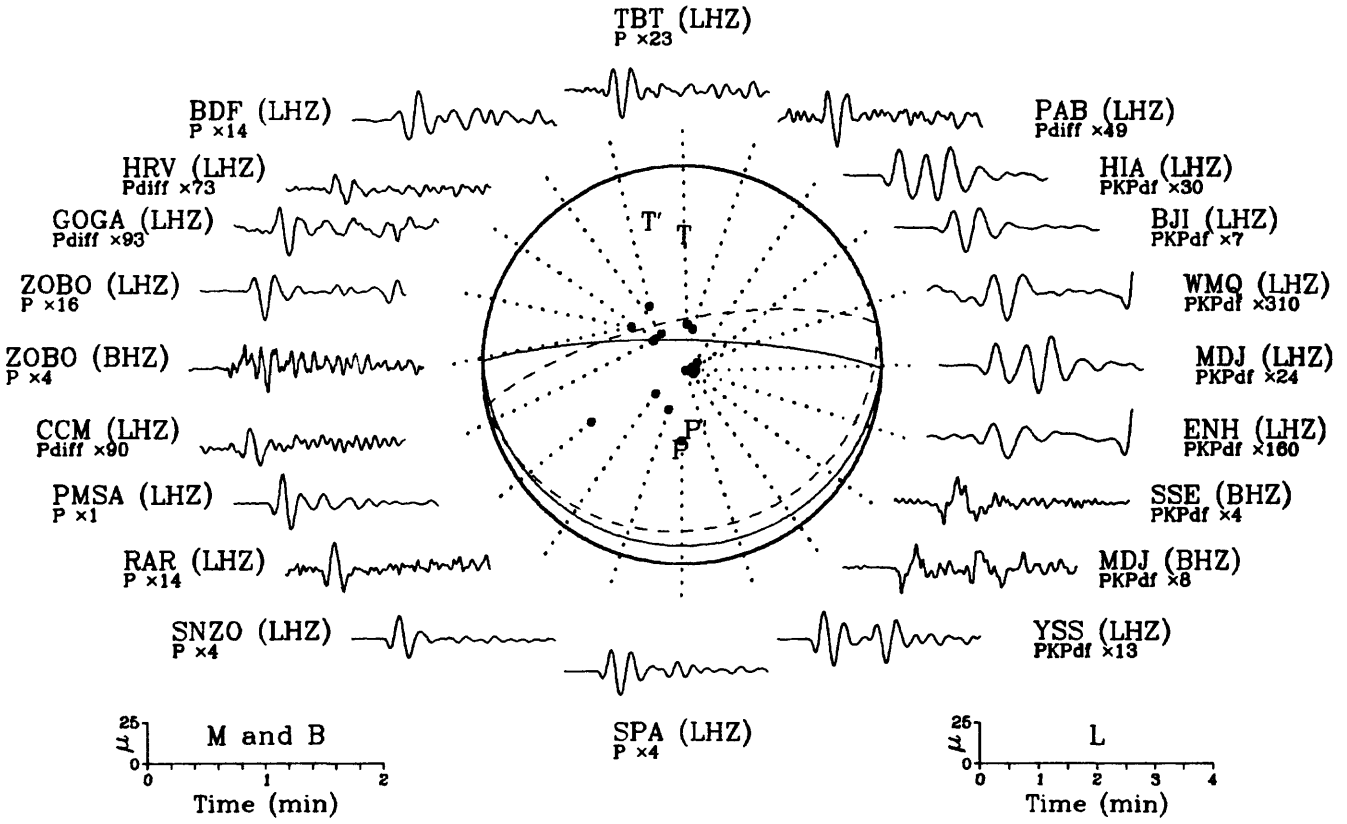
```
    NP2:         54     54         88
30 12 29 36.35  13.991N  91.536W  68km
   4.7mb ( 28 obs.)
   NEAR COAST OF GUATEMALA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 29S, 43C
   Centroid Locotion:
   Origin Time        12:29:37.5 0.4
   Lat 13.86N 0.04 Lon  91.72W 0.05
   Dep  56.1 4.7 Half-durotion  1.0
   Principal Axes:
     Scole 10**16 Nm
     T  Vol=  5.41  Plg=80  Azm=288
     N       -0.10       9       84
     P       -5.31       4      174
   Best Double Couple:Mo=5.4*10**16
    NP1:Strike=274 Dip=42 Slip= 104
    NP2:         76     50         78

30 14 16 34.86   6.042S 130.303E 108km
   5.1mb ( 45 obs.)
   BANDA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 12C
   Centroid Locotion:
   Origin Time        14:16:35.0 1.1
   Lot  6.04S  FIX;Lon 130.30E  FIX
   Dep 118.7 7.1 Half-durotion  1.0
   Principal Axes:
     Scole 10**16 Nm
     T  Vol=  1.94  Plg=68  Azm=  0
     N        1.79       5      258
     P       -3.73      22      167
   Best Double Couple:Mo=2.8*10**16
    NP1:Strike=248 Dip=24 Slip=  78
    NP2:         80     67         95
```

Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Koyanagi, Christino K. Lovonne, John H. Minsch, Russell E. Needhom, Woverly J. Person, Bruce W. Presgrove and William H. Schmieder.

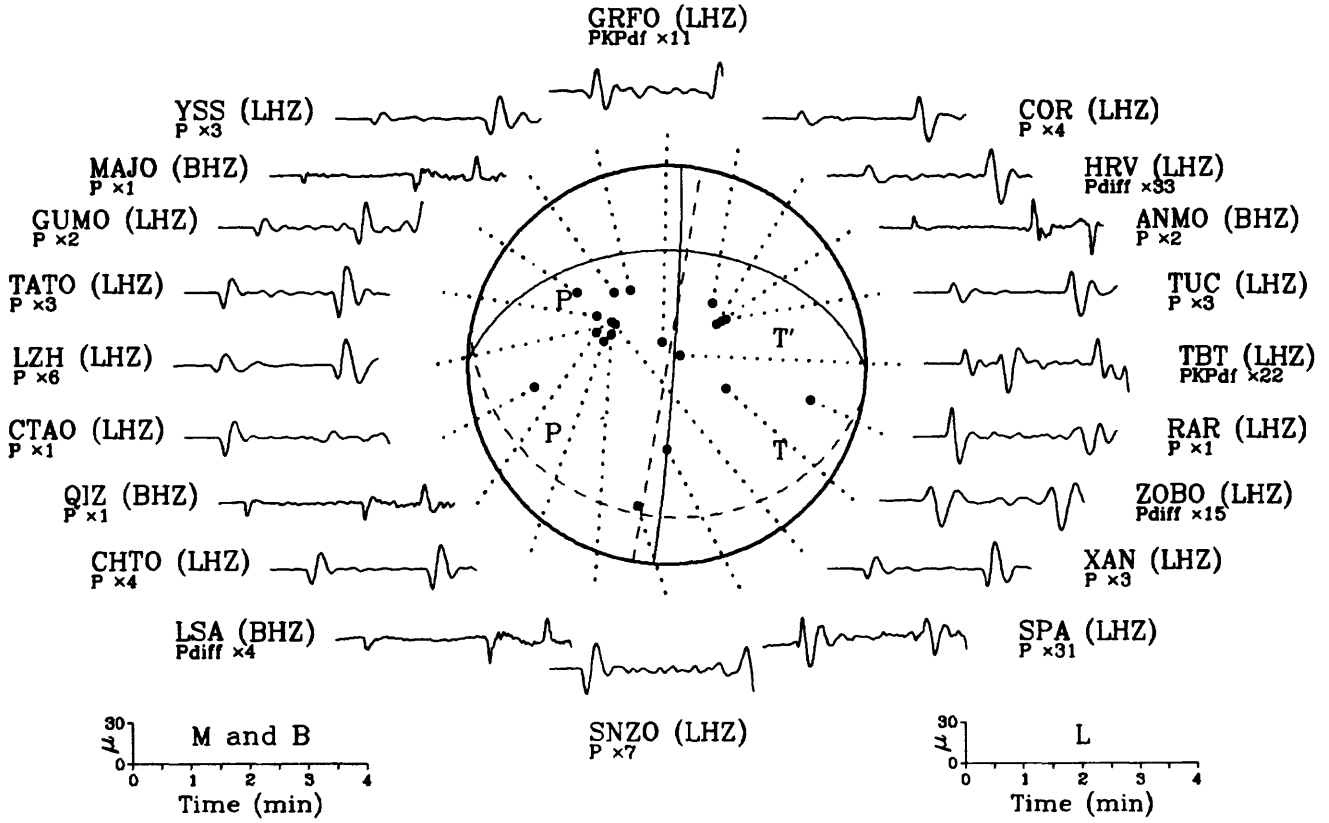
02 April 1993 08:04:11.77
Tonga Islands Region



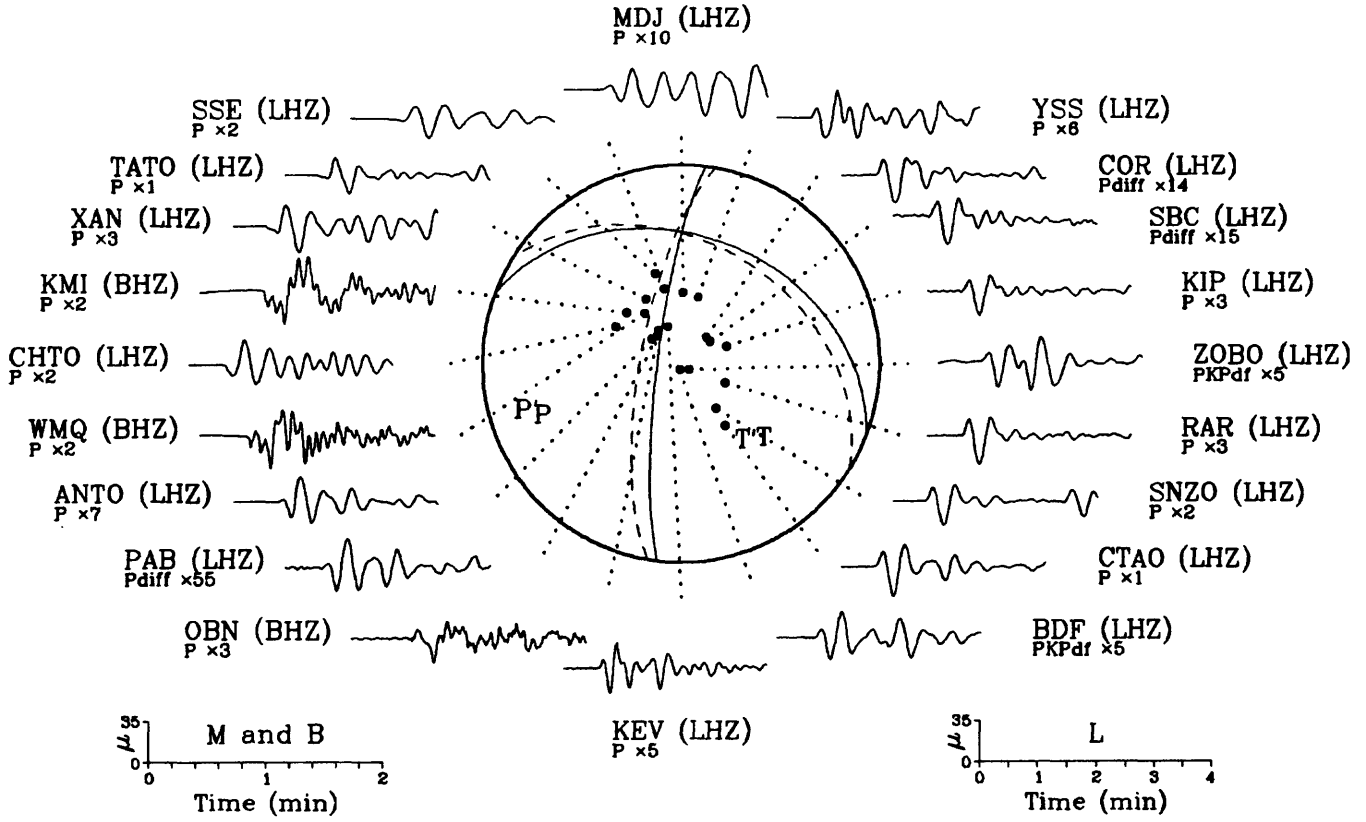
05 April 1993 04:00:05.39
South Sandwich Islands Region



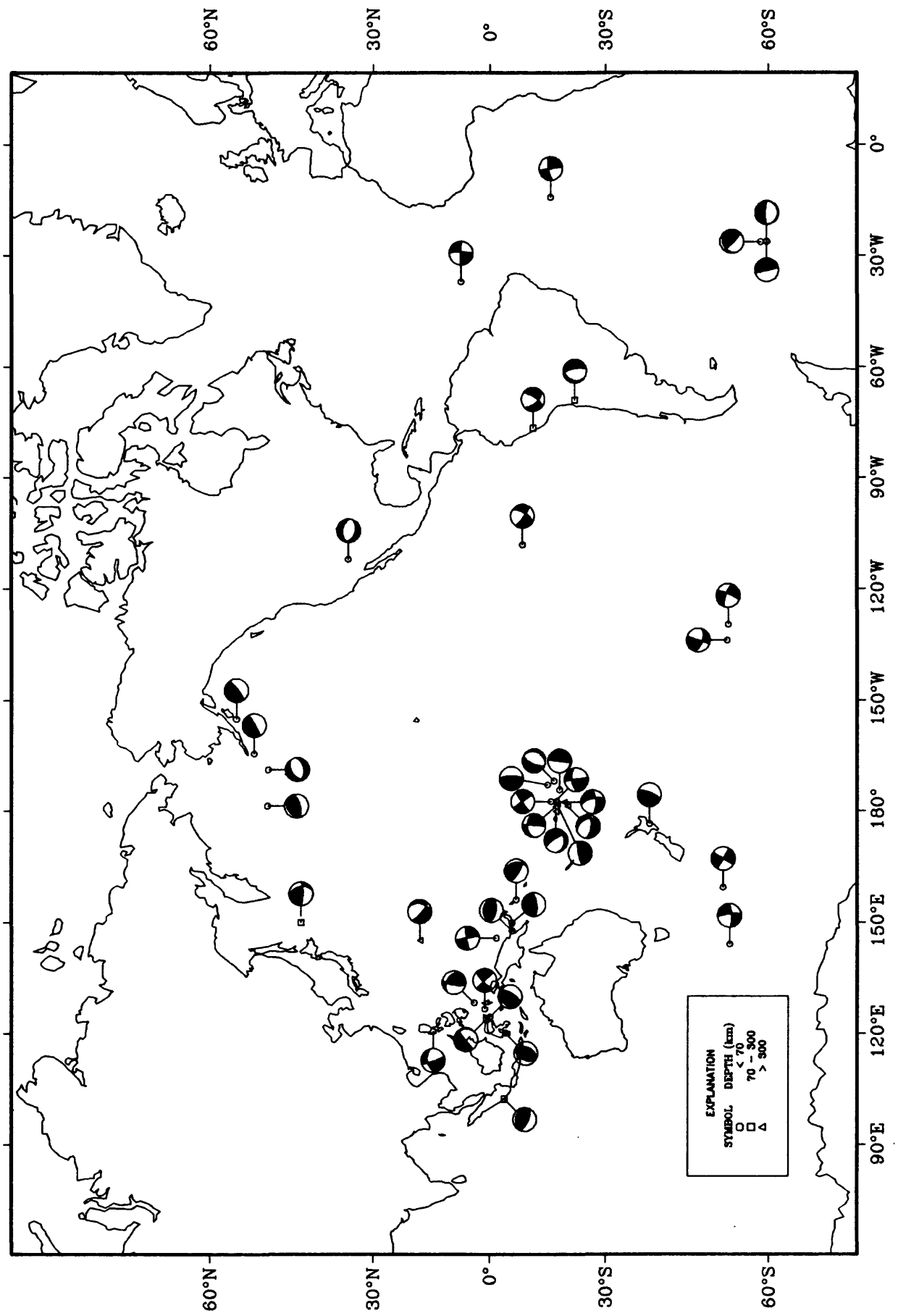
16 April 1993 14:08:38.93
Fiji Islands Region

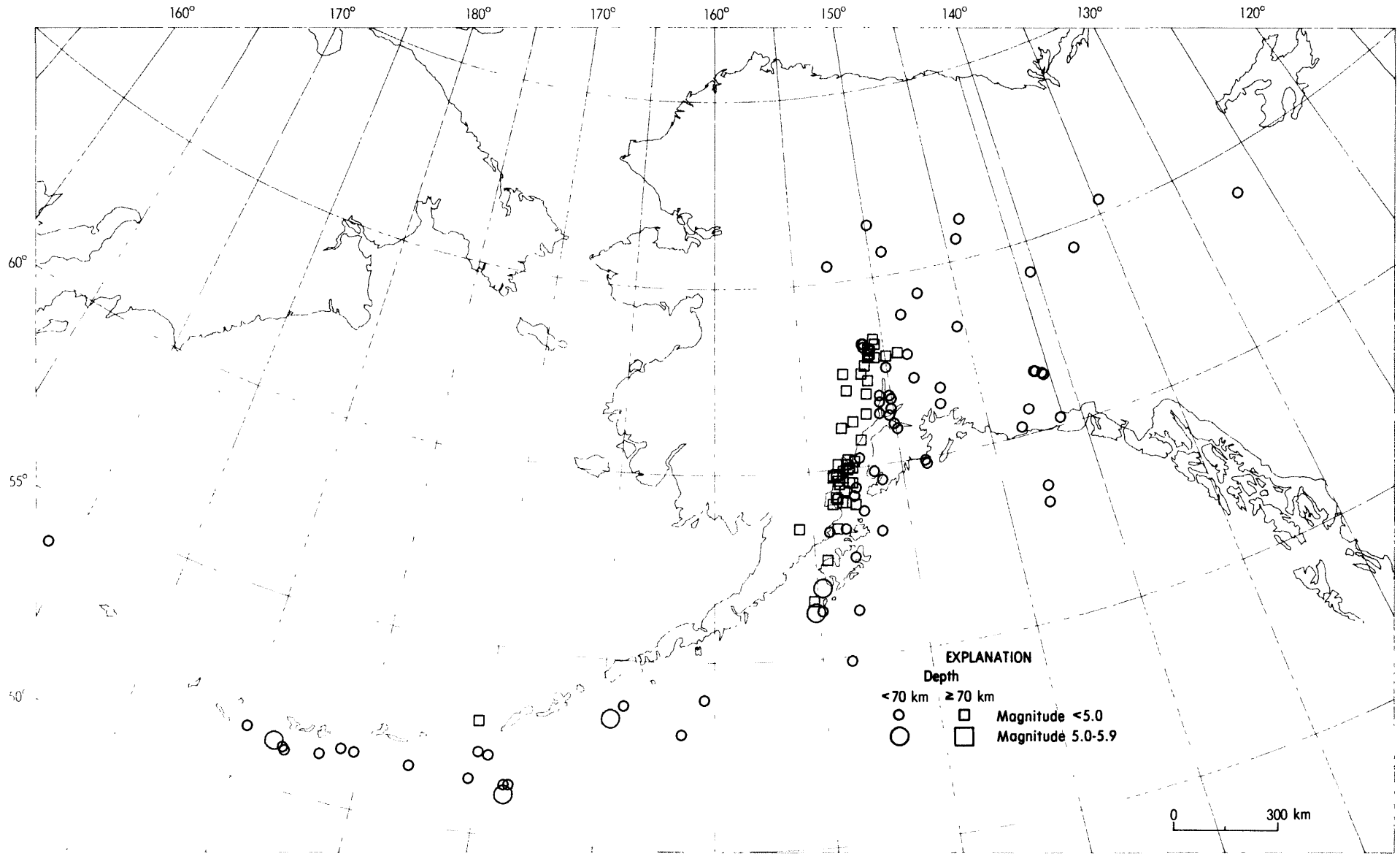


19 April 1993 21:01:48.94
North of Halmahera, Indonesia

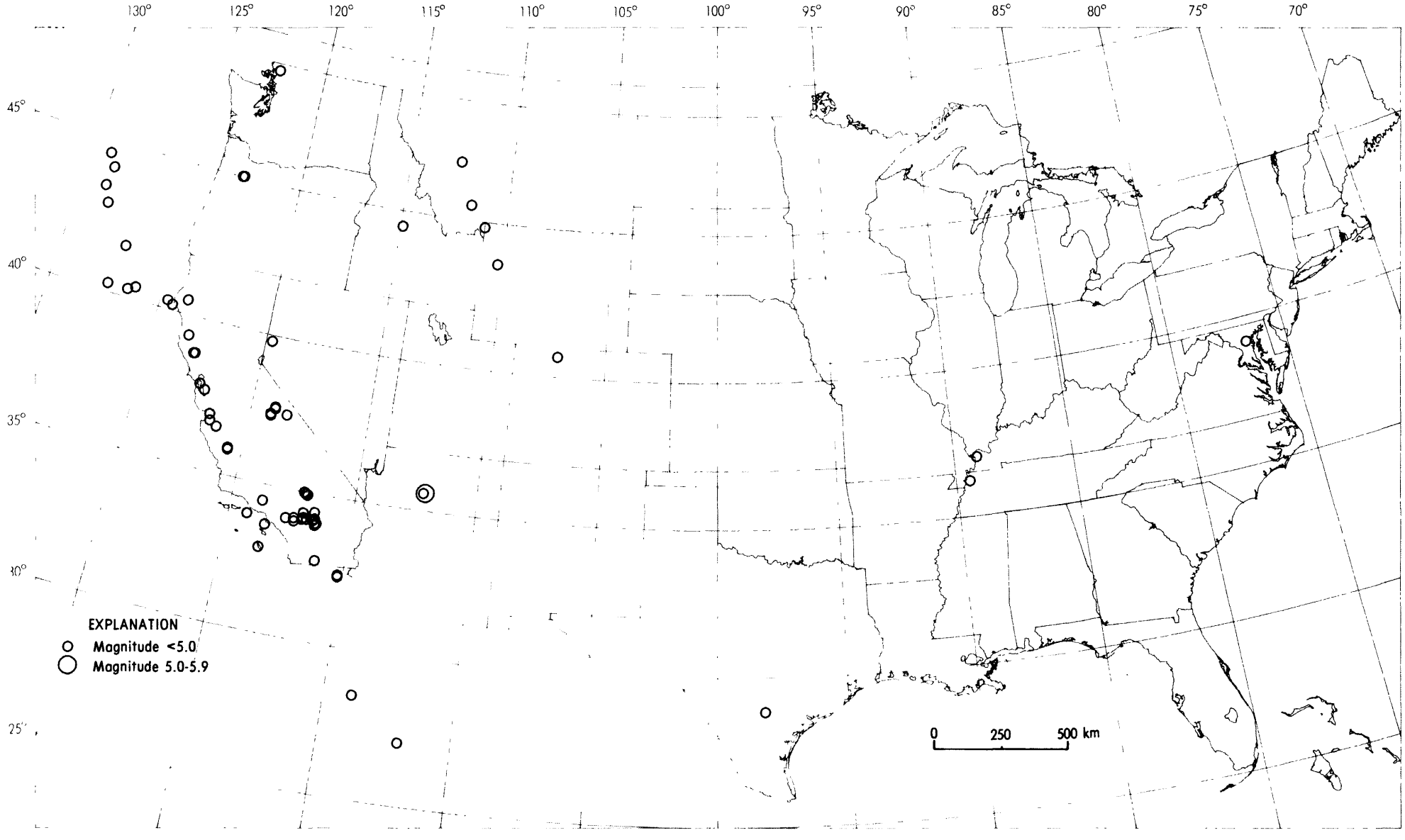


Earthquake Focal Mechanisms for April 1993

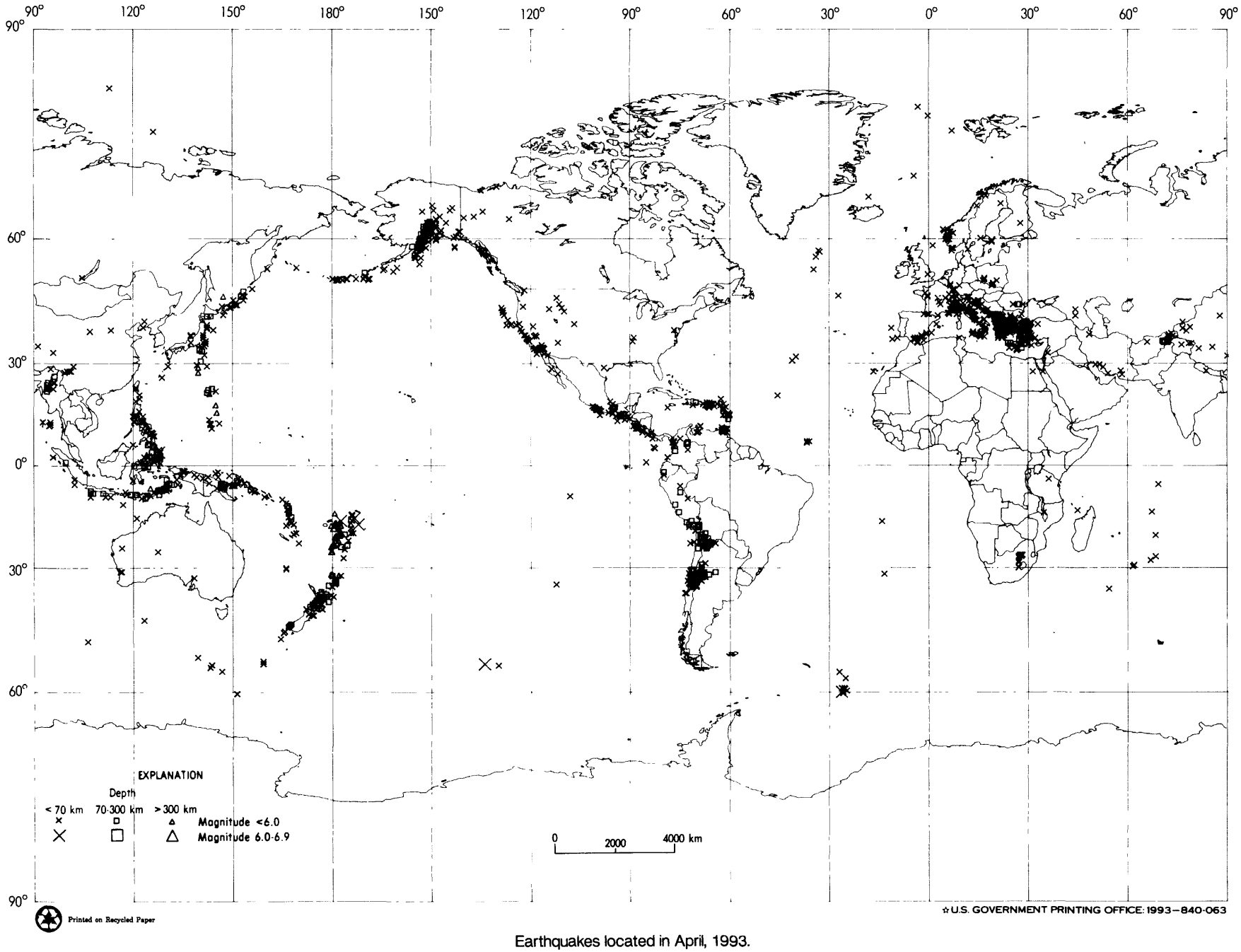




Earthquake epicenters in Alaska and adjacent regions for April, 1993.



Earthquake epicenters in the conterminous United States and adjacent regions for April, 1993.



Printed on Recycled Paper

☆U.S. GOVERNMENT PRINTING OFFICE: 1993—840-063

Earthquakes located in April, 1993.

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MAY 1993

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	22	21.1	35.294	N	6.216	W	61		4.2		1.1	80	STRAIT OF GIBRALTAR. MD 4.0 (RBA).
	01	00	58	22.7%	38.843	N	27.236	E	10	G			0.5	6	TURKEY. ML 3.0 (ISK).
	01	00	59	37.2?	43.92	N	7.89	E	10	G			0.1	5	NEAR SOUTH COAST OF FRANCE
a	01	01	43	26.9	15.721	S	69.357	W	260	D	4.8		1.2	157	PERU-BOLIVIA BORDER REGION. Mw 5.4 (HRV).
	01	01	50	38.7?	51.13	N	15.84	E	10	G			0.6	5	POLAND
	01	02	01	08.1&	60.100	N	150.941	W	45					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	01	02	02	23.9*	50.918	N	173.041	W	33	N	4.4		1.1	28	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	02	22	56.9?	39.40	N	23.66	E	10	G			0.5	6	AEGEAN SEA. ML 2.7 (THE).
a	01	02	48	55.8	26.414	N	127.269	E	55		5.4		0.9	288	RYUKYU ISLANDS. Mw 5.5 (HRV). Felt (III) at Kadena, Okinawa.
	01	03	04	30.2*	24.235	S	66.988	W	185	*	4.3		1.4	13	SALTA PROVINCE, ARGENTINA
	01	03	10	05.2?	31.15	S	68.72	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	01	03	23	14 1?	11.03	N	60.16	W	31	*			0.8	8	WINDWARD ISLANDS. MD 2.7 (TRN).
	01	05	00	25.3*	6.924	N	73.109	W	166	*	3.6		1 4	9	NORTHERN COLOMBIA
	01	06	13	17.3%	60.346	N	4.443	E	10	G			0.1	6	SOUTHERN NORWAY. MD 1.4 (BER).
	01	06	15	58 2&	61.401	N	146.455	W	21					63	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
	01	06	16	23 8	28.028	S	26.820	E	5	G			1.4	10	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	01	06	32	36 1	36.656	N	10.293	W	10	G			0.9	32	NORTH ATLANTIC OCEAN
	01	06	40	07 3&	34.151	N	116.423	W	6					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt.
	01	06	47	47.3*	38.939	N	48.896	E	33	N	4.1		0.6	5	ARMENIA-AZERBAIJAN-IRAN BORD REG. Felt in the Astara area, Iran.
	01	06	48	47 4&	36 483	N	121.004	W	1					20	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
	01	06	55	47.5	24 338	N	123.002	E	33	N	4.8		0.8	27	SOUTHWESTERN RYUKYU ISLANDS
	01	07	11	19.3*	0.932	S	123.605	E	43	*	4.1		1.4	8	MINAHASSA PENINSULA, SULAWESI
	01	07	18	00.6	44.292	N	149.540	E	47	*	4.6		0.9	53	KURIL ISLANDS
	01	07	20	26.3?	40.76	N	23.05	E	10	G			0.2	4	GREECE. ML 1.6 (THE).
	01	07	21	01.6	51.775	N	177.010	E	64		4.5		0.9	63	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR).
	01	07	39	21.2%	41.151	N	28.473	E	5	G			0.3	5	TURKEY. ML 2.7 (ISK).
	01	07	39	27.3*	35.188	N	142.314	E	33	N	3.8		1.0	7	OFF EAST COAST OF HONSHU, JAPAN
	01	07	57	13.4?	14.76	N	40.50	E	10	G	4.2		0.5	9	ETHIOPIA
	01	08	03	21.0?	16.39	S	174.97	W	326	?	4.5		1.0	27	TONGA ISLANDS
	01	08	08	13.3%	40.146	N	29.270	E	10	G			0.3	10	TURKEY. ML 3.0 (ISK).
	01	08	15	03.0?	40.17	N	29.13	E	10	G			0.4	4	TURKEY. ML 2.5 (ISK).
	01	08	18	48.0	26.601	S	70.938	W	52	D	4.3		1.0	26	NEAR COAST OF NORTHERN CHILE
a	01	08	52	55.2	3.771	S	131.378	E	24		5.4	4.9	1.1	118	IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).
	01	09	04	57.0*	18.560	S	177.720	W	587	?	4.7		0.9	35	FIJI ISLANDS REGION
	01	09	36	13.0*	6.758	N	73.042	W	170	*	3.5		1.0	8	NORTHERN COLOMBIA
	01	09	41	50.8%	27.751	S	67.742	W	10	G			0.3	6	CATAMARCA PROVINCE, ARGENTINA
	01	10	25	25.7%	40.766	N	23.166	E	10	G			0.3	5	GREECE. ML 1.5 (THE).
	01	10	27	48.1?	7.02	S	130.47	E	75	?			1.5	5	TANIMBAR ISLANDS REG., INDONESIA
	01	11	07	48.1	43.271	N	13.047	E	10	G			0.8	8	CENTRAL ITALY
	01	11	53	03.3%	40.778	N	23.051	E	10	G			0.2	5	GREECE. ML 1.7 (THE).
	01	12	01	27.4	65.397	N	38.402	W	10	G	4.0	3.1	1.3	25	EASTERN GREENLAND
	01	13	03	57.6	40.820	N	21.564	E	10	G			0.7	11	GREECE. ML 2.5 (THE).
	01	13	45	45.2	24.471	N	95.797	E	40	*	4.0		0.5	9	MYANMAR
	01	13	50	29.4*	15.815	N	61.163	W	104	?			0.1	9	LEEWARD ISLANDS
	01	15	09	26.1*	23.657	S	178.957	E	633	?	4.5		1.0	25	SOUTH OF FIJI ISLANDS
	01	17	12	11.6	3.018	S	134.363	E	40	*	4.9	4 5	1 0	60	IRIAN JAYA REGION, INDONESIA
	01	17	44	39 6*	38 622	N	140 930	E	107	*	3.6		1.0	7	EASTERN HONSHU, JAPAN
	01	19	32	25 8*	35 623	N	112 061	W	5	G			0 8	6	WESTERN ARIZONA. ML 2.7 (GS).
	01	20	01	00.5	17 894	N	99 248	W	41	*	3.9		0 5	11	GUERRERO, MEXICO
	01	20	05	55.6*	19.820	S	69.520	W	33	N			0 9	5	NORTHERN CHILE
	01	20	13	41.5	33.516	N	131.955	E	33	N			0 5	8	KYUSHU, JAPAN
	01	20	50	57.8?	17.43	N	61.10	W	10	G			0 2	7	LEEWARD ISLANDS. MD 3.5 (TRN). ML 2.8 (FDF).
	01	21	04	02.4&	59.977	N	152.647	W	101					46	SOUTHERN ALASKA. <AEIC>.
	01	21	11	58.2&	63.076	N	150.796	W	111					17	CENTRAL ALASKA. <AEIC>.
	01	21	15	24.1	43.119	N	18.242	E	10	G			0.5	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).

Annual Subscriptions: Superintendent of Documents, U.S Government Printing Office, Washington, D.C 20402.
Back issues: Books and Open-File Reports Section, U.S. Geological Survey, Box 25425, Denver, CO 80225.

	01	21	29	02.0?	37.99	N	26.92	E	10	G			0.9	4	DODECANESE ISLANDS. ML 3 2 (ISK).
	01	21	35	33.4&	61.567	N	146.701	W	19		2.8			75	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	01	21	57	44.3%	33.910	S	70.706	W	80	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	02	00	52	28.2&	40.540	N	125.955	W	5					24	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.9 (BRK), 3.2 (GS).
	02	01	58	03.3	11.931	S	119.281	E	35	*	5.0	4.3	1.4	41	SOUTH OF SUMBA, INDONESIA
	02	02	09	25.8	17.352	S	14.500	W	10	G	5.6	4.5	0.8	260	SOUTHERN MID-ATLANTIC RIDGE
	02	02	15	54.9	47.337	N	11.539	E	0	G			1.1	23	AUSTRIA. ML 2.7 (LDG), 2.5 (GRF). Mine collapse.
	02	02	57	28.1	47.356	N	11.604	E	0	G			1.4	24	AUSTRIA ML 2.7 (LDG). Mine collapse.
	02	02	59	04.8	47.410	N	11.679	E	0	G			1.3	72	AUSTRIA. ML 3.6 (VIE), 3.3 (LDG). MD 3.4 (TRI). Mine collapse.
	02	03	27	59.3	38.851	N	27.758	E	10	G			0.8	9	TURKEY. ML 3.2 (ISK).
	02	04	06	58.9*	11.527	S	112.116	E	33	N	4.8		1.2	11	SOUTH OF JAWA, INDONESIA
	02	04	09	36.6?	19.07	N	66.13	W	10	G			0.3	8	PUERTO RICO REGION
	02	04	26	39.9	38.951	N	55.492	E	33	N	4.5	3.5	1.0	49	TURKMENISTAN-IRAN BORDER REGION
	02	04	26	40.7	37.172	N	28.332	E	10	G			0.9	7	TURKEY. ML 3.5 (ISK).
	02	05	39	12.6*	33.167	S	68.753	W	33	N			0.3	5	MENDOZA PROVINCE, ARGENTINA
	02	05	51	58.9?	32.39	S	69.01	W	33	N			0.8	5	MENDOZA PROVINCE, ARGENTINA
	02	06	14	03.7*	51.137	N	179.162	E	33	N	4.2		1.1	18	RAT ISLANDS, ALEUTIAN ISLANDS
	02	06	15	50.5	34 192	N	24 260	E	40	*	3.9		1.2	35	CRETE. MD 4.3 (HLW), 4.1 (ATH).
	02	06	20	14.4?	4.41	S	119 87	E	60	?	4.3		1.3	5	SULAWESI, INDONESIA
	02	06	32	41.0?	14.41	N	91.93	W	10	G	4.0		1.4	16	GUATEMALA
	02	07	17	51.0*	33.774	S	70.983	W	80	G			0.8	12	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	02	07	41	59.9	47.581	N	152.923	E	28	D	5.2	4.3	1.0	178	KURIL ISLANDS
	02	07	44	54.0	15.895	N	145.033	E	24	D	5.1		1.2	42	MARIANA ISLANDS
	02	08	02	47.0?	39.13	N	27.61	E	10	G			0.5	4	TURKEY. ML 2.8 (ISK).
	02	08	46	42.1	43.347	N	12.461	E	10	G			1.2	6	CENTRAL ITALY
	02	09	28	43.5&	35.930	N	120.522	W	10					34	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK), 3.3 (PAS), 3.4 (GS).
	02	09	43	59.5*	36.035	N	71.461	E	33	N	4.5		1.2	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	02	10	08	09.2	14 439	N	40.116	E	10	G	4.7		0.8	77	ETHIOPIA
	02	10	53	05.8?	43.56	N	147.29	E	121	?	4.0		1.3	13	KURIL ISLANDS
f	02	11	26	54.8	56.415	S	24.491	W	13	G	6.3	6.4	1.1	279	SOUTH SANDWICH ISLANDS REGION. Mw 6.4 (GS), 6.4 (HRV). Depth from broadband displacement seismograms.
	02	11	59	01.4*	49.423	N	158.834	E	33	N	4.1		0.8	11	EAST OF KURIL ISLANDS
	02	11	59	49.8&	34.102	N	116.399	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	12	21	47.2	8.922	S	158.924	E	63	*	4.9		1.0	33	SOLOMON ISLANDS. Felt (III) at Honiora.
	02	13	40	47.7	17.746	N	63.273	W	137		3.6		0.4	22	LEEWARD ISLANDS
	02	14	25	12.1	17.476	N	95.141	W	114		4.4		1.1	58	OAXACA, MEXICO
	02	14	35	43.8?	33.40	S	70.02	W	115	?			0.2	10	CHILE-ARGENTINA BORDER REGION MD 3.7 (SAN).
a	02	15	11	55.2	0.971	N	27.794	W	10	G	4.7	4.9	1.1	65	CENTRAL MID-ATLANTIC RIDGE. Mw 5.5 (HRV).
a	02	15	26	02.5	21.151	S	175.883	W	120	G	5.7		0.9	360	TONGA ISLANDS. Mw 5.7 (HRV). Depth from broadband displocement seismogroms.
	02	16	04	58.0*	29.382	S	70.788	W	113	?			0.9	7	CENTRAL CHILE
	02	16	09	52.9	38.419	N	22.250	E	10	G	3.2		1.1	46	GREECE. ML 3.7 (ATH), 3.5 (THE).
	02	16	12	08 3	27 016	N	57.775	E	33	N	4.7		1.0	81	SOUTHERN IRAN
	02	17	24	33.1?	31.34	S	68.66	W	97	?			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	02	17	29	03.0?	32.55	S	72.10	W	9				0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	02	17	46	36.3*	3 610	N	127.684	E	84	?	4.8		1.1	8	TALAUD ISLANDS, INDONESIA
	02	17	53	33 0?	30 53	N	56.60	E	33	N	4.0		1.1	8	NORTHERN IRAN
	02	17	55	45.0*	62 158	N	4.803	E	10	G			1.3	12	NORWEGIAN SEA. MD 2.8 (BER).
	02	17	58	23.0	14.577	N	40.099	E	10	G	4.8	4.3	0.9	75	ETHIOPIA
	02	18	13	07.5	11.427	N	86.836	W	59	*	4.2		1.4	45	NEAR COAST OF NICARAGUA. MD 4.4 (APY).
	02	19	02	09.1?	31.00	S	69.57	W	30	?			1.4	5	CHILE-ARGENTINA BORDER REGION
	02	19	08	24.2*	58.916	N	1.201	E	33	N			0.8	9	NORTH SEA. MD 2.7 (BER).
	02	19	13	46.7	36.960	N	137.922	E	206		4.8		0.8	182	EASTERN HONSHU, JAPAN
	02	19	16	40.6&	61.155	N	152.285	W	130					50	SOUTHERN ALASKA. <AEIC>.
	02	19	17	03.1&	37.975	N	122.350	W	6					7	CENTRAL CALIFORNIA. <GM-P>. MD 2.3 (GM). ML 2.2 (BRK). Felt at El Sobrante, Richmond and Hilltop Mall.
	02	19	48	51.8?	17.46	S	178.97	W	569	*	4.7		0.6	12	FIJI ISLANDS REGION
	02	20	05	06.6&	38.814	N	122.806	W	3					50	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
	02	20	30	09.7*	1.996	S	137 418	E	33	N	4.6	4.6	1.4	19	NEAR NORTH COAST OF IRIAN JAYA
	02	20	39	05.7*	6.357	N	72.314	W	33	N			0.8	6	NORTHERN COLOMBIA
	02	21	07	33.3	43.725	N	12 466	E	10	G			1.1	19	CENTRAL ITALY
a	02	21	15	23.5	59.852	S	26.302	W	33	N	5.3	5.3	1.0	70	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
	02	21	34	17.9*	14.453	N	39.770	E	33	N	4.2	4.6	1.4	10	ETHIOPIA
	02	21	48	41.9	39.105	N	27.248	E	10	G			1.0	10	TURKEY. ML 3.2 (ISK).
	02	21	54	17.6	11.300	N	86.880	W	57	*	4.3		1.2	42	NEAR COAST OF NICARAGUA. MD 4.1 (APY).
	02	22	01	10.9	39.103	N	27.313	E	10	G			0.7	8	TURKEY. ML 3.1 (ISK).
	02	22	20	10.1	43.436	N	126 878	W	10	G	3.2		0.5	90	OFF COAST OF OREGON
	02	22	24	21.9	31.684	S	67.786	W	10	G			0.9	10	SAN JUAN PROVINCE, ARGENTINA
	03	00	02	27.0?	4.48	S	149.52	E	565	?	4.5		0.8	7	BISMARCK SEA
	03	01	57	43.9*	59.850	S	26.198	W	33	N	4.8		1.2	32	SOUTH SANDWICH ISLANDS REGION
	03	02	02	59.5	42.224	N	21.361	E	11				1.1	33	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 3.0 (THE), 2.8 (TIR), 2.7 (SKO). Felt (III) at Skopje, Yugoslovia.
	03	02	39	28.4&	64.970	N	148.768	W	15					23	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
	03	02	39	46.6	37.753	N	21.373	E	29		3.7		1.3	30	SOUTHERN GREECE. ML 4.0 (THE), 3.6 (ATH).
	03	02	43	57.9	38.787	S	177.962	E	62	*			1.2	23	NORTH ISLAND, NEW ZEALAND
	03	02	48	47.4*	10.796	S	161.932	E	43	*	4.4		1.3	16	SOLOMON ISLANDS
	03	03	00	33.0?	42 84	N	129.19	W	10	G			0.4	28	OFF COAST OF OREGON
	03	03	14	22 0&	60 008	N	153.440	W	132					49	SOUTHERN ALASKA. <AEIC>.
	03	03	17	40 6*	56.183	S	25.553	W	33	N	5.2	4.6	0.9	15	SOUTH SANDWICH ISLANDS REGION
	03	03	34	17.0*	40 286	N	21.048	E	10	G			0.6	7	GREECE. ML 2.2 (THE).
	03	04	26	44.0?	19 18	N	66.71	W	33	N			0.3	8	PUERTO RICO REGION
	03	04	28	49.7?	12.99	S	75.60	W	33	N	3.9		1.2	7	CENTRAL PERU
	03	08	01	49.1	0.066	N	123.376	E	161		4.8		0.7	14	MINAHASSA PENINSULA, SULAWESI
	03	08	15	52.5*	40.833	N	30.525	E	10	G			0.6	7	TURKEY. ML 3.0 (ISK).
	03	08	49	20.1?	39.10	N	27.60	E	10	G			0.9	4	TURKEY. ML 2.8 (ISK).
	03	08	51	25.8%	26.200	S	28.177	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	03	08	55	01.5	40.422	N	21.862	E	10	G			1.1	8	GREECE. ML 1.9 (THE).
	03	08	58	31.3%	36.912	S	176.929	E	280	?			0.5	21	OFF E. COAST OF N. ISLAND, N Z.
	03	09	05	28.7%	40.371	N	23.188	E	10	G			0.4	7	GREECE. ML 1.9 (THE).
	03	09	47	26.9?	39.08	N	27.60	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).

	03	10	10	00.7?	39.06	N	27.62	E	10	G			0.7	4	TURKEY. ML 2.7 (ISK).
	03	11	21	17.2*	46.469	N	14.933	E	10	G			0.1	5	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
	03	11	28	18.5?	39.67	N	29.47	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).
	03	11	57	40.3*	52.070	N	170.678	W	33	N	4.0		1.4	27	FOX ISLANDS, ALEUTIAN ISLANDS
	03	12	07	24.1&	38.748	N	122.717	W	3					24	NORTHERN CALIFORNIA. <BRK>. ML 3.3 (BRK), 3.3 (GS). Felt in the epicentral area.
	03	12	37	38.9	14.394	N	40.131	E	10	G	4.7	4.5	1.1	41	ETHIOPIA. MD 4.6 (ARO).
	03	14	33	50.1	34.508	S	70.161	W	10	G			0.6	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	03	14	45	42.7%	33.376	S	70.542	W	80	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	03	14	51	05.3%	41.162	N	28.751	E	10	G			0.2	6	TURKEY. ML 2.8 (ISK).
	03	15	02	38.2*	15.664	S	174.083	W	203	*	4.5		1.0	48	TONGA ISLANDS
	03	15	17	09.4?	44.35	N	8.00	E	10	G			0.5	6	NORTHERN ITALY. ML 2.1 (LDG).
	03	16	08	55.4*	4.968	N	82.527	W	10	G	4.4	4.2	1.2	20	SOUTH OF PANAMA. MD 4.5 (UPA).
	03	16	52	00.0	6.611	S	130.502	E	86	*	5.0		1.0	37	BANDA SEA
	03	16	54	45.0%	40.304	S	173.249	E	240				0.5	43	COOK STRAIT, NEW ZEALAND
	03	17	14	54.6	12.980	N	88.635	W	50	D	4.6		1.3	30	OFF COAST OF CENTRAL AMERICA. Felt (III) at San Salvador, El Salvador.
	03	19	08	36.1*	31.662	S	69.195	W	118	?			0.6	9	SAN JUAN PROVINCE, ARGENTINA
	03	19	34	42.1*	28.061	S	176.725	W	75		4	9	1.3	29	KERMADEC ISLANDS REGION
	03	19	43	20.8	32.223	S	70.019	W	114				1.0	20	CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	03	21	00	15.0	6.763	N	72.969	W	162		4	9	0.9	75	NORTHERN COLOMBIA
	03	21	02	49.3*	11.199	N	61.698	W	33	N			0.7	5	WINDWARD ISLANDS. MD 2.9 (TRN).
	03	21	04	48.0%	37.525	N	3.979	W	5	G			0.9	6	SPAIN. mbLg 2.7 (MDD).
	03	22	39	05.9?	48.93	N	18.40	E	10	G			0.9	5	CZECH AND SLOVAK REPUBLICS
o	03	23	15	06.6	14.404	S	173.021	W	23	D	5.1	4.9	1.3	39	SAMOA ISLANDS REGION. Mw 5.4 (HRV).
	03	23	27	56.5	19.638	S	168.797	E	33	N	5.1	4.8	1.1	75	VANUATU ISLANDS
	03	23	36	08.8*	29.762	N	98.066	E	10	G	5	1	1.3	5	XIZANG
o	04	00	09	32.7	27.973	S	176.670	W	59		5.3		1.0	123	KERMADEC ISLANDS REGION. Mw 5.7 (HRV).
	04	00	33	44.6?	38.40	N	15.11	E	87	?			0.4	9	SICILY
	04	01	42	35.7%	39.379	N	27.969	E	10	G			0.5	7	TURKEY. ML 2.8 (ISK).
	04	02	23	18.1?	16.44	N	39.67	E	10	G	4.3		1.3	20	ETHIOPIA
	04	03	35	29.0%	44.459	N	7.478	E	10	G			0.9	6	NORTHERN ITALY. ML 1.9 (GEN).
	04	03	53	36.8?	40.94	N	14.62	E	10	G			1.2	6	SOUTHERN ITALY
	04	03	57	35.7&	36.569	N	121.158	W	5					19	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM).
	04	04	33	41.2%	45.364	S	167.401	E	10	G			0.8	16	SOUTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	04	04	51	06.0	56.017	N	135.562	W	10	G	3.9		0.8	16	SOUTHEASTERN ALASKA. ML 3.9 (PGC), 3.4 (AEIC). Felt (IV) at Port Alexander.
	04	05	19	03.2%	43 395	N	19.798	E	10	G			0.8	9	NORTHWESTERN BALKAN REGION. ML 2 0 (TTG).
	04	05	53	36.4	44.214	N	9.995	E	10	G			1.0	35	NORTHERN ITALY. ML 2.8 (LDG).
	04	05	55	57.4	44.225	N	10.029	E	9				1.2	27	NORTHERN ITALY. ML 2.5 (LDG).
	04	06	26	22.7	44.239	N	10.023	E	11				0.9	31	NORTHERN ITALY. ML 2.7 (LDG)
	04	06	44	14.6*	37.940	N	9.123	W	5	G			1.3	14	PORTUGAL mbLg 3.2 (MDD).
	04	06	46	08.1	38.815	N	29.412	E	10	G			1.2	12	TURKEY. ML 3.3 (ISK).
	04	06	47	54.1?	15.19	N	39.90	E	10	G	4.1		1.0	6	ETHIOPIA
o	04	06	48	23.5	9.669	N	125.303	E	39	D	5.4	4.6	1.0	128	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	04	07	02	56.1?	34.35	S	70.51	W	30	*			1.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	04	07	10	07.1%	39.235	N	27.955	E	10	G			0.8	5	TURKEY. ML 2.9 (ISK).
	04	07	54	07.2*	63.189	N	151.414	W	33	N			1.5	8	CENTRAL ALASKA ML 2.7 (PMR).
	04	09	24	02.6?	39.17	N	27.57	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).
	04	09	26	08.2*	11.656	N	86.465	W	33	N	3.9		1.0	14	NEAR COAST OF NICARAGUA
	04	10	02	33.8?	39.11	N	27.52	E	10	G			0.1	4	TURKEY. ML 2 7 (ISK).
	04	10	07	50.4	38.866	N	29.289	E	5	G			0.2	6	TURKEY. ML 3.0 (ISK).
	04	10	49	32.2*	28 138	N	130.025	E	33	N	4.3		1.0	18	RYUKYU ISLANDS
	04	10	53	04.8%	26.901	S	26.850	E	5	G			1.0	10	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	04	12	28	28.0	31 438	S	69.074	W	120	*			1.2	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	04	12	48	10.4?	39.10	N	27.60	E	5	G			0.3	4	TURKEY. ML 2.8 (ISK).
	04	13	00	16.9&	34.120	N	116.393	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
	04	13	09	29.7	39 875	N	20.726	E	10	G			0.9	18	GREECE-ALBANIA BORDER REGION
	04	13	32	30.3?	30 14	S	72.51	W	24				0.8	15	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	04	14	20	28.4%	52.366	N	0.356	W	5	G			0.3	6	UNITED KINGDOM. ML 2.4 (BGS).
	04	14	58	01.4%	42.351	S	172.246	E	22				0.9	17	SOUTH ISLAND, NEW ZEALAND ML 3.8 (WEL).
	04	15	18	20.7%	26.913	S	26.730	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	04	15	21	29.3*	4.718	S	126.751	E	33	N	4 6	4.3	0.8	7	BANDA SEA
	04	15	22	12.7*	21.487	S	176.157	W	210	G	4.7		1.2	30	FIJI ISLANDS REGION
	04	15	39	26.4*	28.179	N	130.034	E	33	N	3.8		1.0	11	RYUKYU ISLANDS
	04	16	43	12.5%	39 258	N	27.958	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	04	16	46	08.9	14.562	N	40.167	E	10	G	4.5		0.7	27	ETHIOPIA
	04	17	31	33.2*	26.330	S	71.294	W	74	?			1.3	11	OFF COAST OF NORTHERN CHILE
	04	17	37	05.8&	61.484	N	152.167	W	131					47	SOUTHERN ALASKA. <AEIC>.
	04	18	53	20.8	4.797	N	122.987	E	578		4.8		0.7	36	CELEBES SEA
	04	18	53	31.5*	7.453	N	72.242	W	10	G	4.3		0.7	8	NORTHERN COLOMBIA
	04	19	28	58.4*	5.543	N	126.223	E	133	*	4.4		1.0	12	MINDANAO, PHILIPPINE ISLANDS
	04	19	43	48.2?	31.18	S	68.99	W	128	?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	04	20	03	35.1%	44.327	N	6.818	E	10	G			0.3	7	FRANCE. ML 2.0 (GEN).
	04	20	43	36.1?	30.59	S	68.61	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	04	20	48	50.7	77.215	N	131.435	E	10	G	4.7		1.0	73	LAPTEV SEA
	04	20	56	38.8?	29.15	N	30.58	E	10	G			0 9	7	EGYPT. MD 3.7 (HLW).
	04	21	00	44.3*	31.306	S	68.133	W	132	?			1 2	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	04	22	04	10.4%	44.685	N	6 808	E	10	G			0.2	5	FRANCE. ML 1.8 (GEN).
	04	22	15	40.4*	4 840	N	127.501	E	108	*	4 6		1.1	25	TALAUD ISLANDS, INDONESIA
	04	22	30	18.4	41.089	N	22.416	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.7 (SKO).
	04	22	39	25.2	42 595	N	45.178	E	18	D	4 8		1 1	150	EASTERN CAUCASUS. Felt (V) at Barisakho, Chartoli and Pasanauri; (III) at Tbilisi, Georgia.
	04	22	44	07.1*	39 035	N	142.591	E	10	G	3.5		1.3	12	NEAR EAST COAST OF HONSHU, JAPAN
	05	00	53	40.1?	19.15	N	67.28	W	10	G			0 5	7	MONA PASSAGE
	05	01	03	32.6&	60.160	N	152.004	W	65					36	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	05	01	04	04.1&	60.167	N	151.959	W	59					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	05	01	48	07.8	24.249	S	67.044	W	197	*	3.7		0.7	10	CHILE-ARGENTINA BORDER REGION
	05	01	52	43.6*	23 619	S	179.897	W	542	*	5.1		1.2	49	SOUTH OF FIJI ISLANDS
	05	02	01	10.7*	46.176	N	7.334	E	10	G			0 6	5	SWITZERLAND. ML 1.9 (LDG).
	05	02	25	34.0?	6.59	S	130.13	E	80	?			1.0	5	BANDA SEA
	05	02	27	14.5	35.445	N	28.028	E	54	*	3.9		1.2	37	EASTERN MEDITERRANEAN SEA
	05	03	06	49.4?	17.38	N	121.34	E	33	N			0.2	4	LUZON, PHILIPPINE ISLANDS

	05	03	42	12.2%	40.367	S	173.293	E	229	?		0.3	20 COOK STRAIT, NEW ZEALAND
	05	03	51	15.9%	38.877	S	174.676	E	620	*		0.6	36 NORTH ISLAND, NEW ZEALAND
	05	03	56	36.9	36.371	N	70.687	E	229	D	4.6	1.0	38 HINDU KUSH REGION, AFGHANISTAN. Felt in the Chitral area, Pakistan
	05	04	23	05.8*	26.251	N	128.360	E	33	N	4.3	1 0	14 RYUKYU ISLANDS
	05	04	34	01.1	44.259	N	6.863	E	12			0.5	24 FRANCE ML 2.2 (GEN), 2.0 (LDG).
	05	05	12	18.8	18.697	N	63.182	W	62		3.7	0.8	35 LEEWARD ISLANDS
	05	05	47	09.1*	43.771	N	18.612	E	10	G		0.7	10 NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	05	06	37	17.5?	36.12	S	179.25	E	33	N		0.2	6 OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	05	07	29	45.8?	60.54	N	4.99	E	10	G		0.3	4 SOUTHERN NORWAY. MD 1.4 (BER).
	05	07	31	48.9%	39.152	N	27.605	E	10	G		0.5	5 TURKEY. ML 2.7 (ISK).
	05	07	44	13.8&	34.592	N	116.628	W	4				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	05	08	27	19.1%	39.110	N	27.594	E	10	G		0.5	5 TURKEY. ML 2.8 (ISK).
	05	08	34	40.4?	36.63	S	177.07	E	340	?		0.5	19 OFF E. COAST OF N. ISLAND, N.Z.
	05	08	44	34.3*	21.053	S	68.664	W	133	*	3.9	1.2	8 CHILE-BOLIVIA BORDER REGION
	05	08	45	10.8%	39.095	N	27.613	E	10	G		0.7	5 TURKEY. ML 2.8 (ISK).
	05	09	08	50.0	17.463	N	83.781	W	10	G	4.7 4.3	1.4	79 CARIBBEAN SEA. Felt on Swan Island.
	05	10	19	50.2	63.621	N	150.981	W	10	G		0.5	8 CENTRAL ALASKA. ML 2.9 (PMR).
	05	10	23	39.7%	44.496	N	8.553	E	10	G		0.3	5 NORTHERN ITALY. ML 1.9 (GEN).
	05	10	30	41.8	45.927	N	2.698	E	10	G		0.4	9 FRANCE. ML 1.8 (LDG), 1.5 (STR).
	05	10	36	49.8%	39.763	N	29.064	E	10	G		1.0	5 TURKEY. ML 2.7 (ISK).
	05	11	19	04.5%	44.483	N	8.583	E	10	G		0.5	5 NORTHERN ITALY. ML 1.7 (GEN).
	05	11	24	17.9%	38.612	N	30.816	E	10	G		0.6	8 TURKEY. ML 3.2 (ISK).
	05	11	31	13.8?	7.62	S	128.79	E	196	?		0.5	5 BANDA SEA
	05	11	31	22.6%	38.803	S	177.609	E	109	*		1.3	33 NORTH ISLAND, NEW ZEALAND
a	05	11	38	27.2	19.547	S	68.978	W	131		5.2	1.2	167 CHILE-BOLIVIA BORDER REGION. Mw 5.4 (HRV). MD 5.0 (SAN). Felt (IV) at Arica, Chile.
	05	11	40	00.2?	68.83	N	28.79	E	10	G		0.1	5 FINLAND-RUSSIA BORDER REGION
	05	11	51	52.6?	6.57	S	129.76	E	154	?		1.2	8 BANDA SEA
	05	12	25	46.9?	42.54	N	24.61	E	10	G		0.3	6 BULGARIA
	05	12	49	50.9?	31.24	S	68.25	W	100	?		0.6	6 SAN JUAN PROVINCE, ARGENTINA
	05	13	09	59.3%	44.388	N	7.381	E	10	G		0.3	5 NORTHERN ITALY. ML 1.7 (GEN).
	05	13	18	41.8%	41.173	S	172.428	E	253			0.4	29 SOUTH ISLAND, NEW ZEALAND
	05	13	40	59.1*	40.983	N	33.132	E	10	G		1.3	5 TURKEY
	05	14	07	32.4?	62.20	N	1.78	E	10	G		0.9	8 NORWEGIAN SEA. MD 2.6 (BER).
	05	14	29	33.3?	32.56	N	142.63	E	33	N	4.6	0.9	10 SOUTH OF HONSHU, JAPAN
	05	14	29	36.3?	39.13	N	27.59	E	10	G		0.3	4 TURKEY. ML 2.8 (ISK).
	05	15	00	30.6%	40.278	N	29.163	E	10	G		0.9	6 TURKEY. ML 2.5 (ISK).
	05	15	16	55.6%	39.109	N	27.627	E	10	G		0.4	5 TURKEY. ML 2.8 (ISK).
	05	15	20	31.9%	41.072	N	28.622	E	10	G		0.9	6 TURKEY. ML 2.7 (ISK).
	05	15	33	57.0?	34.75	S	70.92	W	100	G		0.2	5 CHILE-ARGENTINA BORDER REGION
	05	17	24	32.9*	17.340	N	94.712	W	160	*	3.8	1.3	25 CHIAPAS, MEXICO
	05	18	06	51.2	14.349	N	40.079	E	10	G	4.6 4.4	1.1	56 ETHIOPIA. MD 4.9 (ARO).
a	05	18	21	31.7	39.097	N	141.678	E	100	D	5.3	0.9	260 EASTERN HONSHU, JAPAN. Mw 5.4 (HRV). Felt (IV JMA) at Morioka, (III JMA) at Miyako, Ofunato and Hachinahe.
	05	18	27	58.6	36.761	N	22.082	E	16			1.0	40 SOUTHERN GREECE. ML 3.5 (ATH).
	05	18	41	36.9?	14.60	N	60.94	W	10	G		0.1	4 WINDWARD ISLANDS. ML 2.7 (FDF).
	05	19	12	23.2	39.654	S	177.510	E	41	*	4.7	1.1	41 OFF E. COAST OF N. ISLAND, N.Z.
	05	19	20	38.6%	44.338	N	7.331	E	10	G		0.4	7 NORTHERN ITALY. ML 1.7 (GEN).
	05	21	31	46.9?	34.13	S	70.48	W	90	G		0 2	8 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	05	21	42	11.9*	16.502	N	99.526	W	33	N	3.6	0.9	6 NEAR COAST OF GUERRERO, MEXICO
	05	21	47	05.3%	42.771	N	18.564	E	10	G		0.1	6 NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	05	21	59	17.7&	65.889	N	149.738	W	32				11 NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	05	22	19	20.1?	39.70	N	28.84	E	10	G		0.1	5 TURKEY. ML 2.7 (ISK).
	05	23	03	14.5%	44.624	N	6.679	E	19	*		0.3	11 FRANCE ML 2.2 (GEN).
	05	23	08	11.9%	17.475	N	100.630	W	33	N		1.2	5 GUERRERO, MEXICO
	05	23	40	56.8?	10.55	N	61.91	W	33	N		1.6	5 TRINIDAD. MD 3.0 (TRN).
	06	00	36	47.3*	34.587	S	70.230	W	10	G		1.1	16 CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	06	01	21	32.6?	14.94	N	40.43	E	10	G	4.4 4.4	1.1	13 ETHIOPIA
	06	01	23	25.9&	46.300	N	75.500	W	18	G			8 SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.5 (OTT). Felt at Bouchette and Maniwaki.
	06	01	25	59.3	37.988	N	142.185	E	45	*	4.1	1.3	34 OFF EAST COAST OF HONSHU, JAPAN
	06	01	33	08.6*	32.371	S	70.400	W	100	G		0.6	10 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	06	02	04	39.7%	39.529	N	28.845	E	5	G		0.5	13 TURKEY. ML 3.1 (ISK).
	06	03	20	36.0?	2.18	N	127.10	E	33	N	4.8	1.0	9 NORTHERN MOLUCCA SEA
	06	03	44	58.4	44.321	N	7.325	E	18			0.4	20 NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	06	03	50	23.7%	40.789	S	174.496	E	82	*		0.9	25 COOK STRAIT, NEW ZEALAND
	06	04	55	42.0	35.581	N	112.142	W	10	G		0.7	8 WESTERN ARIZONA. ML 2.9 (GS).
	06	05	13	56.0&	34.267	N	116.406	W	2				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS). Felt.
	06	05	31	55.6	49.168	N	6.917	E	10	G		1.0	13 GERMANY. ML 2.5 (STR).
a	06	05	42	03.0	0.895	N	123.171	E	37	D	5.2 4.9	1.1	114 MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
	06	06	05	56.8	44.329	N	7.336	E	10	G		0.6	15 NORTHERN ITALY. ML 2.0 (GEN).
	06	07	00	58.3	39.184	N	27.957	E	14			0.5	25 TURKEY. ML 3.5 (ISK).
	06	07	26	22.7*	18.396	S	177.823	W	588	*	4 7	1.2	28 FIJI ISLANDS REGION
	06	07	26	31.1	63.563	N	151.132	W	100	G		1.0	10 CENTRAL ALASKA
	06	07	32	00.3%	44.235	N	7.410	E	10	G		0.5	8 NORTHERN ITALY. ML 2.0 (GEN).
	06	07	52	58.3?	39.12	N	27 53	E	10	G		0 8	4 TURKEY. ML 2.7 (ISK).
a	06	07	58	47.9	46.711	N	153 513	E	37	D	5 7 5.3	0.9	385 KURIL ISLANDS. Mw 5.7 (HRV).
	06	08	26	04.8%	40.700	N	22.942	E	10	G		1.1	5 GREECE
	06	08	34	45.8%	39.533	N	28.819	E	10	G		1.0	8 TURKEY. ML 2.8 (ISK).
	06	08	46	03.2*	39.508	N	28.854	E	10	G		0.8	9 TURKEY. ML 2.9 (ISK).
	06	08	46	36.9	21.527	S	68.327	W	175	*	4.3	0.9	12 CHILE-BOLIVIA BORDER REGION
	06	08	49	35.9*	25 040	S	70.817	W	10	G		1.0	8 NEAR COAST OF NORTHERN CHILE
	06	09	40	23.1%	39.407	N	16.419	E	13			0.7	9 SOUTHERN ITALY
	06	09	46	41.1	40.467	N	21.870	E	10	G		0.8	10 GREECE
	06	09	49	33.9?	27.37	S	179.00	W	375	?	4.6	1.0	9 KERMADEC ISLANDS REGION
	06	09	52	01.3?	46.46	N	154.71	E	33	N	5 0	1 1	15 EAST OF KURIL ISLANDS
	06	10	01	24.4?	37.33	N	28.53	E	10	G		0.9	4 TURKEY
	06	10	10	45.8?	39.08	N	27.65	E	10	G		0.6	4 TURKEY. ML 2.8 (ISK).
	06	11	36	37.3	40.467	N	21.833	E	10	G		0.4	6 GREECE
	06	11	54	03.3%	39.534	N	28.777	E	10	G		0.7	9 TURKEY. ML 2.9 (ISK).
	06	12	02	06.8?	39.10	N	27.62	E	10	G		0.4	4 TURKEY ML 2 8 (ISK).
	06	12	08	32.0*	31.296	N	142.932	E	33	N	4.0	0.5	10 SOUTH OF HONSHU, JAPAN

	06	12	13	17	5	39.533	N	28	845	E	10	G	0.7	9	TURKEY. ML 3.0 (ISK).
	06	12	16	14	1&	59.904	N	153	085	W	118	4.2		88	SOUTHERN ALASKA <AEIC>
f	06	13	03	18	1	8.472	S	71	485	W	573	G 5.8	1.0	555	WESTERN BRAZIL. Mw 6.1 (GS), 6.1 (HRV). mb 5.8 (BRK). Felt at Rio Branco. Depth fram broadbond displacement seismograms.
	06	13	39	30	7%	27.973	S	26	778	E	5	G	0.3	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	06	13	44	12	5%	39.676	N	27	666	E	10	G	0.8	10	TURKEY. ML 3.0 (ISK).
	06	13	53	56	9	7.374	N	126	686	E	78	* 4.7	1.1	63	MINDANAO, PHILIPPINE ISLANDS
	06	15	02	20	6*	23.805	S	67	255	W	33	N	0.8	5	CHILE-ARGENTINA BORDER REGION
	06	15	11	44	7?	39.09	N	27	60	E	10	G	0.4	4	TURKEY. ML 2.8 (ISK).
	06	15	25	41	8*	8.445	N	123	276	E	73	* 4.7	1.4	9	MINDANAO, PHILIPPINE ISLANDS
	06	15	31	47	7*	67.004	N	21	190	E	10	G	1.5	7	SWEDEN. MD 2.9 (BER).
	06	15	50	18	9	42.829	N	18	663	E	10	G	0.6	10	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	06	16	03	55	7&	34.340	N	116	468	W	1			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	16	08	14	2%	26 850	S	26	763	E	5	G	1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	06	16	13	38	2%	39.029	N	27	078	E	10	G	0.4	5	TURKEY. ML 2.8 (ISK).
	06	16	22	03	4	45.438	N	151	521	E	33	N 4.9 4.1	0.8	62	KURIL ISLANDS
	06	16	38	27	2%	60.390	N	5	050	E	10	G	0.3	6	SOUTHERN NORWAY. MD 1.6 (BER).
	06	16	53	08	0&	40 533	N	124	720	W	29			30	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK).
	06	17	23	13	4*	34.335	N	139	192	E	33	N 4.4	0.8	22	NEAR S. COAST OF HONSHU, JAPAN
	06	17	30	07	5	27.076	S	26	551	E	5	G	1.0	10	REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE).
	06	17	58	53	5	43.574	N	16	959	E	10	G	1.0	25	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 3.0 (VIE). MD 3.3 (TRI).
	06	18	43	39	8%	39.618	N	28	862	E	5	G	0.3	6	TURKEY. ML 2.7 (ISK).
	06	18	44	23	5	40 863	N	22	916	E	10	G	0.3	9	GREECE. ML 2.0 (SKO).
	06	19	27	58	2*	34.243	N	139	189	E	33	N 4.1	0.7	10	NEAR S. COAST OF HONSHU, JAPAN
	06	19	53	12	0?	30.62	S	177	67	W	438	* 4.6	1.2	32	KERMADEC ISLANDS, NEW ZEALAND
	06	19	5B	01	1	37.519	N	137	323	E	33	N 4.7 4.5	1.0	58	NEAR WEST COAST OF HONSHU, JAPAN
	06	20	22	46	3&	57.608	N	154	248	W	50	3.8		67	KODIAK ISLAND REGION. <AEIC>. ML 3.6 (AEIC).
a	06	20	35	55	6	14.395	N	40	126	E	10	G 5.1 4.7	1.0	163	ETHIOPIA. Mw 5.3 (HRV). MD 5.1 (ARO).
	06	20	40	40	8	42.982	N	17	809	E	10	G	1.0	10	ADRIATIC SEA. ML 2.5 (TTG).
	06	20	56	27	7%	26.408	S	27	380	E	5	G	0.8	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	06	21	01	36	5	42.572	N	18	484	E	10	G	0.4	10	NORTHWESTERN BALKAN REGION. ML 2 2 (TTG).
	06	22	40	30	7	48.354	N	8	392	E	10	G	0.9	8	GERMANY. ML 2.4 (LDG).
	06	22	43	27	4	45.486	N	26	217	E	160	3.5	0.7	19	ROMANIA
	06	23	01	44	4*	4.147	N	128	135	E	50	? 4.6 3.7	1.3	34	NORTH OF HALMAHERA, INDONESIA
	07	00	27	51	8%	44 421	N	7	228	E	10	G	0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
	07	00	52	37	4&	60.313	N	152	402	W	90	4.4		141	SOUTHERN ALASKA. <AEIC>. Felt (IV) at Kodiak; (III) at Tyonek, Kenai and Ninilchik; (II) at Anchorage and Chugiak. Felt in the Homer area and throughout much of the Cook Inlet region.
	07	01	02	59	3	6.396	S	130	001	E	157	D 5.2	0.9	99	BANDA SEA
	07	01	48	07	4?	31.20	S	68	44	W	108	?	0.3	5	SAN JUAN PROVINCE, ARGENTINA
	07	01	51	22	2?	12.54	N	122	68	E	10	G 4.9	1.2	11	LUZON, PHILIPPINE ISLANDS
	07	03	00	21	3	23.118	S	68	899	W	124	* 4.1	1.2	11	NORTHERN CHILE
	07	03	02	22	8	41.749	N	22	810	E	10	G	0.7	9	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	07	03	03	41	2*	29.211	S	68	575	W	33	N	0.6	8	SAN JUAN PROVINCE, ARGENTINA
	07	03	28	53	8%	40.674	N	29	976	E	10	G	1.0	5	TURKEY. ML 2.7 (ISK)
	07	03	58	18	1?	15.91	N	42	63	E	10	G 4.4	0.9	7	WESTERN ARABIAN PENINSULA
	07	05	26	16	5%	26.230	S	28	147	E	5	G	0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	07	07	31	00	2*	B.957	S	75	181	W	100	G 4.2	1.5	15	CENTRAL PERU
	07	08	04	12	8	44.342	N	7	277	E	10	G	0.6	29	NORTHERN ITALY. ML 2.8 (LDG), 2.4 (GEN).
	07	08	21	19	8*	18.131	N	102	791	W	66	* 3.9	1.4	14	MICHOACAN, MEXICO
	07	08	24	41	1%	44.357	N	7	294	E	10	G	0.2	5	NORTHERN ITALY. ML 1.5 (GEN).
	07	08	28	23	5?	40.47	N	21	B3	E	10	G	0.5	8	GREECE
	07	08	33	13	4?	18.18	N	76	70	W	10	G	0.4	5	JAMAICA REGION. MD 2.4 (HOJ).
	07	08	35	23	5%	44.359	N	7	320	E	10	G	0.3	5	NORTHERN ITALY. ML 1.6 (GEN).
	07	09	07	47	0&	58.292	N	152	536	W	30			51	KODIAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
	07	09	17	08	8?	7.07	N	73	32	W	146	? 4.2	1.0	7	NORTHERN COLOMBIA
	07	09	25	17	4?	33.72	S	70	49	W	80	G	0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	07	10	00	48	2%	44.374	N	7	417	E	10	G	1.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	07	10	13	35	8%	45.444	N	25	416	E	10	G	1.2	5	ROMANIA
	07	10	16	31	0*	24.207	S	179	771	W	500	G 4.6	0.9	20	SOUTH OF FIJI ISLANDS
	07	10	53	20	3	32.328	S	71	794	W	10	G	0.6	15	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	07	11	33	06	8?	42.40	N	23	88	E	10	G	1.0	5	BULGARIA
	07	11	46	33	3	36.606	N	71	031	E	253	D 4.7	0.9	B5	AFGHANISTAN-TAJIKISTAN BORD REG.
	07	11	47	01	2?	45.74	N	25	12	E	14	3.6	1.5	11	ROMANIA
	07	12	31	07	2	39.557	N	28	80B	E	10	G	0.6	10	TURKEY. ML 3.0 (ISK).
	07	12	50	42	4	52.157	N	2	500	W	10	G	0.5	20	UNITED KINGDOM. ML 2.3 (BGS).
	07	12	52	03	3*	29.798	S	70	148	W	182	?	0.9	10	CENTRAL CHILE
	07	13	23	26	5*	23.611	S	17	343	E	10	G	1.5	9	NAMIBIA. ML 3.7 (PRE).
	07	13	59	59	6	44.354	N	7	292	E	10	G	0.5	17	NORTHERN ITALY. ML 2.2 (LDG), 2.1 (GEN).
	07	14	25	52	8%	26.426	S	27	400	E	5	G	0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	07	14	57	08	1	43.074	N	0	753	W	10	G	0.2	10	PYRENEES. ML 1 0 (STR).
	07	15	02	21	6*	11 702	S	14	256	W	10	G 4.9 4.9	1.0	46	ASCENSION ISLAND REGION
	07	15	24	03	6?	20 39	S	172	91	W	210	G 4.5	1.3	13	TONGA ISLANDS REGION
	07	15	34	43	9	35 625	N	112	173	W	10	G	0.5	20	WESTERN ARIZONA. ML 3.8 (GS).
	07	16	13	54	6?	26 43	S	27	40	E	5	G	1.2	4	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	07	16	33	02	3*	5.366	S	151	981	E	61	* 4.4	0.5	12	NEW BRITAIN REGION, P.N.G.
	07	16	40	06	0*	19.470	S	168	971	E	126	* 4.5	0.6	11	VANUATU ISLANDS
	07	17	13	53	5?	9 70	N	83	78	W	10	G	0 2	4	COSTA RICA. MD 3.9 (UPA). Felt at Tres Rios and Cachi.
	07	18	26	32	1%	45 706	N	0	654	W	10	G	0 9	18	FRANCE. ML 3 2 (LDG).
	07	19	13	42	9?	18 92	N	65	40	W	10	G	0 3	7	PUERTO RICO REGION
	07	19	14	22	7?	25.68	S	178	95	E	685	? 4.6	1 0	23	SOUTH OF FIJI ISLANDS
	07	19	55	08	8*	21 348	N	45	682	W	10	G 4.7 3 9	0.9	39	NORTHERN MID-ATLANTIC RIDGE
	07	20	16	37	8	0.830	N	124	459	E	195	5 0	1.0	58	MINAHASSA PENINSULA, SULAWESI
	07	21	09	16	7*	8.484	S	118	098	E	10	G 4.2	0.5	6	SUMBAWA REGION, INDONESIA
	07	21	32	01	8*	31.202	S	68	288	W	95	?	0.3	7	SAN JUAN PROVINCE, ARGENTINA
	07	21	44	54	2?	35.43	S	71	38	W	100	G	0.3	10	CENTRAL CHILE. MD 3.9 (SAN).
	07	22	12	31	3?	47.41	N	7	68	E	10	G	0.3	4	SWITZERLAND. ML 1.6 (LDG).
	07	22	29	20	4*	17 406	S	179	024	W	539	? 4.4	0.6	23	FIJI ISLANDS REGION
	07	22	47	35	9%	38.512	N	22	589	E	10	G	0.4	B	GREECE
	07	23	37	46	1%	42.374	N	19	417	E	10	G	0.6	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).

	07	23	50	21.4	38.554	S	175.569	E	209		2.5		0 4	31	NORTH ISLAND, NEW ZEALAND
	08	00	02	12.2%	44.338	N	7.277	E	10	G			0 2	5	NORTHERN ITALY. ML 1 8 (GEN).
	08	00	52	40.6%	44.423	N	7.236	E	10	G			0 1	5	NORTHERN ITALY ML 1.7 (GEN).
	08	01	27	08.0	44.349	N	7.289	E	10	G			0.6	21	NORTHERN ITALY ML 2.1 (GEN), 2.0 (LDG).
	08	03	10	48.1•	6.971	N	123.919	E	33	N	4.3		0 9	11	MINDANAO, PHILIPPINE ISLANDS
	08	03	29	05.2	43.677	N	12.332	E	10	G			1 2	9	CENTRAL ITALY
	08	03	49	06.8%	31.668	S	68.045	W	33	N			1.0	6	SAN JUAN PROVINCE, ARGENTINA
	08	03	55	12.5?	17.35	N	103.58	W	33	N	3.6		1.4	7	NEAR COAST OF MICHOACAN, MEXICO
	08	04	07	15.2	44.356	N	7.302	E	10	G			0 6	17	NORTHERN ITALY. ML 2.1 (GEN), 1.7 (LDG).
	08	04	19	40.2•	29.047	N	142.118	E	33	N	4.3		1.2	16	SOUTH OF HONSHU, JAPAN
	08	04	37	27.6&	34.638	N	116.516	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS). Felt.
	08	05	00	20.5•	42.438	S	82.934	W	10	G			1.4	18	WEST CHILE RISE
	08	05	16	56.6	49.126	N	6.921	E	10	G			1.1	18	GERMANY. ML 2.8 (STR).
	08	05	44	38.3	44.305	N	7.319	E	10	G			0.6	17	NORTHERN ITALY. ML 2.0 (LDG), 1.9 (GEN).
	08	06	09	39.7	5.434	S	152.019	E	59	•	5.1		0.8	44	NEW BRITAIN REGION, P.N.G.
	08	06	51	57.8&	57.785	N	156.322	W	110		3.7			79	ALASKA PENINSULA. <AEIC>.
	08	07	00	20.7	35.614	N	78.414	E	25	D	4.6	3.8	1.1	49	EASTERN KASHMIR
	08	07	44	03.9%	26.371	S	27.397	E	5	G			0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	08	07	52	21.7%	44.450	N	7.322	E	10	G			0.3	6	NORTHERN ITALY. ML 1.6 (GEN).
	08	08	10	51.7?	35.37	S	179.85	E	10	G	4.1		0.7	11	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
	08	08	46	38.0?	28.73	N	95.87	E	33	N	4.7		1.4	11	EASTERN XIZANG-INDIA BORDER REG.
	08	08	46	43.7•	26.374	S	27.434	E	5	G			1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	08	08	57	57.8?	45.55	N	21.20	E	10	G			1.1	5	ROMANIA
	08	09	17	13.6•	22.033	S	70.343	W	59	?	4.1		1.0	9	NEAR COAST OF NORTHERN CHILE
	08	09	30	31.0?	55.30	N	158.39	E	33	N	4.4		0.3	14	KAMCHATKA
	08	09	32	47.5?	34.79	N	26.76	E	10	G			0.9	7	CRETE. ML 3.7 (CSS), 3.5 (ISK).
	08	10	31	53.2%	41.819	N	27 842	E	10	G			0.2	6	TURKEY. ML 3.0 (ISK).
	08	10	39	47.6•	50.458	N	18.840	E	10	G			1.1	7	POLAND. ML 3.2 (WAR).
	08	10	54	02.7&	35.015	N	116.964	W	6					13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	08	11	15	02.9%	39.566	N	28 823	E	10	G			0.4	6	TURKEY. ML 2.8 (ISK).
	08	11	18	40.8?	18.24	N	103.25	W	78	?	3.1		1.0	6	NEAR COAST OF MICHOACAN, MEXICO
	08	11	57	48.4&	34.953	N	116.929	W	0					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS). Felt at Barstow.
	08	12	01	54 8	21.047	S	66.667	W	253	•	3.4		0.7	11	SOUTHERN BOLIVIA
	08	12	04	31.4?	39.10	N	27.72	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	08	13	03	06.0%	41.101	N	28.765	E	10	G			0.4	8	TURKEY. ML 2.8 (ISK).
	08	13	20	36.2?	40 44	N	21.66	E	10	G			0.5	4	GREECE
	08	13	21	29.1?	39.12	N	64.35	E	181	?	4.0		0.8	7	NORTHWESTERN UZBEKISTAN
	08	13	30	13.2	47.141	N	10.547	E	10	G			0.9	26	AUSTRIA. ML 2.8 (LDG), 2.7 (FUR), 2 6 (VIE).
	08	13	48	19.7&	37 935	N	121.982	W	10					57	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK), 2 6 (GS) Felt at Concord and Walnut Creek.
	08	13	52	47.1%	26.378	S	27.416	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	08	14	09	30.7?	19.10	N	67.29	W	33	N			0.3	7	MONA PASSAGE
	08	14	21	07.1%	38 696	N	15.467	E	115	?			0.3	8	SICILY
	08	14	39	42.3•	18 902	S	70.081	W	81	•	4.4		1.3	9	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Iquique, Arica and Putre; (II) at Porinacota. Landslides occurred at Arica Hills and along the A-5 south highway. Also felt (IV) at Tacna, Peru.
	08	14	40	06.2•	23.274	N	37.358	E	10	G	4.6		0 8	14	RED SEA
	08	14	42	59.2	4.352	S	79.300	W	99	D	4.7		0.9	82	PERU-ECUADOR BORDER REGION
	08	14	47	15.5?	39.06	N	27.80	E	10	G			0 8	4	TURKEY. ML 2.8 (ISK).
	08	15	05	49.7	24.245	S	179.830	E	516	•	4.8		1.1	40	SOUTH OF FIJI ISLANDS
	08	15	34	57.2•	9.732	S	106.431	E	33	N	4.6		1.3	18	SOUTH OF JAWA, INDONESIA
	08	16	34	53.3	11.868	N	143.193	E	33	N	4.4		0.7	24	SOUTH OF MARIANA ISLANDS
	08	16	38	38.7	31.624	S	69.064	W	129	•			0.8	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	08	16	56	01.3%	26.205	S	28.164	E	5	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	08	16	57	40.8•	51.263	N	16.035	E	10	G			0.4	6	POLAND
	08	18	38	12.8	11.097	N	62.306	W	121		3.8		0.7	22	WINDWARD ISLANDS. MD 3.9 (TRN).
	08	19	17	24.2?	34.55	S	71.13	W	60	G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	08	19	29	52.7•	65.175	N	161.565	W	10	G	3.2		0.7	9	NORTHERN ALASKA
	08	19	46	45.0	44.310	N	7.459	E	10	G			0.8	13	NORTHERN ITALY. ML 2.1 (LDG), 1.9 (GEN).
	08	20	30	25.3•	7.321	S	128.276	E	142	•	4.7		1.3	15	BANDA SEA
	08	20	50	30.0	44 569	N	7.023	E	10	G			0.4	20	NORTHERN ITALY. ML 2.6 (LDG), 2.3 (GEN).
	08	21	45	40.6	31.586	S	68.729	W	114				1.0	26	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	08	21	50	05.2?	16.25	N	94.67	W	10	G	3.6		0.9	6	OAXACA, MEXICO
	08	21	52	37.5&	63.249	N	150.956	W	14					42	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
	08	22	35	02.5	37.114	N	28.918	E	10	G			1.0	7	TURKEY. ML 3.2 (ISK).
	08	22	36	03.0?	37.16	N	28.97	E	10	G			0.7	4	TURKEY. ML 3.1 (ISK).
	08	22	37	00.3?	37.36	N	28.88	E	10	G			0.4	4	TURKEY. ML 3.0 (ISK).
	08	22	40	53.1?	15.20	N	39.92	E	10	G	4.1		1.2	8	ETHIOPIA
	08	22	58	27.4•	7.411	N	75.988	W	114	?	3.8		1.0	6	NORTHERN COLOMBIA
	08	23	16	00.1	37.151	N	28.963	E	10	G			0.4	7	TURKEY. ML 3.2 (ISK).
	09	00	26	16.5%	39.263	N	28.621	E	10	G			0 5	16	TURKEY. ML 3.4 (ISK).
	09	01	28	07.5	39.030	N	15.922	E	123		4	2	1 0	151	SOUTHERN ITALY. MD 4.4 (TTG).
	09	01	49	13.6%	27.935	S	26.747	E	5	G			0 3	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	09	01	58	24.1&	63.281	N	151.057	W	16					61	CENTRAL ALASKA <AEIC> ML 2 9 (AEIC), 3.2 (PMR).
	09	02	01	15.8&	63.209	N	150.905	W	26					25	CENTRAL ALASKA. <AEIC>. ML 2 5 (AEIC).
	09	03	00	04.1•	18.005	N	98.530	W	76	•	3.5		1.3	12	CENTRAL MEXICO
	09	03	04	25.8%	36.754	N	2.941	W	5	G			0.4	5	STRAIT OF GIBRALTAR mbLg 3.1 (MDD).
	09	03	59	18.6•	17.452	S	64 394	W	39	?	4.5		1.4	14	CENTRAL BOLIVIA
	09	05	19	19.3?	31.39	S	68.67	W	97	?			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	09	05	24	30.4%	40 390	N	28.872	E	10	G			0 3	5	TURKEY. ML 2 6 (ISK).
	09	06	22	19.0•	35.272	N	27 250	E	110	?			1.0	9	DODECANESE ISLANDS. MD 3.8 (ATH).
	09	06	27	48.6&	35.011	N	116.964	W	4					12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
a	09	07	51	59.6	7.918	N	125.996	E	46	•	4.9	4.7	1.2	63	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	09	07	55	44.0?	39.13	N	27.63	E	10	G			0 2	4	TURKEY. ML 2.8 (ISK).
	09	08	04	31.3?	39.10	N	27.65	E	10	G			0 8	4	TURKEY. ML 2.8 (ISK).
	09	08	22	31.1%	41.114	N	29.196	E	10	G			0 9	5	TURKEY. ML 2.8 (ISK)
	09	08	33	15.1%	40.456	N	21.896	E	10	G			0 4	7	GREECE
	09	08	45	32.4•	61.273	N	4.694	E	10	G			1.4	5	SOUTHERN NORWAY. MD 1.5 (BER).
	09	09	17	57.1	13.514	N	90.719	W	62		4	6	1 2	86	NEAR COAST OF GUATEMALA. Felt (II) at San Salvador, El Salvador.

	09	09	45	41.6	45.760	N	15.079	E	10	G		1.0	15 NORTHWESTERN BALKAN REGION ML 2.5 (VIE).
	09	10	06	38.7%	43.034	N	13.084	E	10	G		1.0	5 CENTRAL ITALY
	09	10	26	09.5*	18 252	S	178.140	W	470	G	4.4	0.8	19 FIJI ISLANDS REGION
	09	10	42	55.6%	41.066	N	23.222	E	10	G		0.3	6 GREECE-BULGARIA BORDER REGION
	09	10	50	00.6%	44.798	N	7.633	E	10	G		1.0	7 NORTHERN ITALY. ML 2.1 (GEN).
	09	11	05	18.3	8.445	N	123.064	E	49	*	4.6	1.3	19 MINDANAO, PHILIPPINE ISLANDS
	09	11	15	21.4%	31.504	S	68.865	W	33	N		0.7	5 SAN JUAN PROVINCE, ARGENTINA
	09	11	53	12.0&	61.747	N	150.862	W	54				53 SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	09	11	57	08.0&	62.821	N	149.267	W	81				59 CENTRAL ALASKA. <AEIC>.
	09	12	00	31.0	36.717	N	116.282	W	5	G		0.5	12 CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
	09	12	52	59.4*	1.884	N	122.760	E	70	?	4.4	1.1	8 MINAHASSA PENINSULA, SULAWESI
	09	14	40	11.3?	37.37	N	70.77	E	33	N	3.9	1.3	8 AFGHANISTAN-TAJIKISTAN BORD REG.
	09	14	45	48.4?	31.66	S	68.73	W	106	?		0.1	5 SAN JUAN PROVINCE, ARGENTINA
	09	14	53	01.0%	44.343	N	7.274	E	10	G		0.5	6 NORTHERN ITALY. ML 2.0 (GEN).
	09	14	56	40.2&	34.963	N	116.948	W	0				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	15	17	55.3*	32.188	S	68.492	W	116	?		0.1	8 MENDOZA PROVINCE, ARGENTINA
	09	15	32	21.5*	49.552	N	156.197	E	33	N	4.4	0.8	32 KURIL ISLANDS
	09	16	21	18.2	58.300	N	142.823	W	10	G		0.4	25 GULF OF ALASKA. ML 2.5 (AEIC).
	09	17	15	55.2*	31 264	S	68.005	W	106	?		0.9	9 SAN JUAN PROVINCE, ARGENTINA
	09	17	26	17.1*	31.100	S	67.725	W	33	N		1.1	6 SAN JUAN PROVINCE, ARGENTINA
	09	17	32	29.8%	38.678	N	15.100	E	10	G		0.9	8 SICILY
	09	17	42	04.6	35.177	N	59.194	E	10	G	4.9	1.3	62 NORTHERN IRAN. Several houses damaged at Torbat-e Heydariyeh.
	09	17	45	12.8%	42.746	N	13.058	E	10	G		0.3	5 CENTRAL ITALY
	09	17	52	10.4	57.679	N	143.118	W	10	G	4 0	0.7	55 GULF OF ALASKA. ML 4.1 (PGC), 3.6 (PMR), 3.3 (AEIC).
	09	18	02	42.2%	26 828	S	26.777	E	5	G		0.9	7 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	09	18	42	05.6%	39.569	N	28 858	E	5	G		0.3	11 TURKEY. ML 3.1 (ISK).
	09	19	56	26.5?	3.52	S	152.85	E	73	?	4.6	0.9	6 NEW IRELAND REGION, P.N.G.
	09	20	46	25.6?	37.91	S	175.95	E	224	?		0.5	20 NORTH ISLAND, NEW ZEALAND
	09	21	49	15.2?	50.25	N	18.92	E	10	G		1.5	4 POLAND. ML 2.7 (WAR).
	09	21	53	08.4%	39.335	N	16.334	E	10	G		0.7	6 SOUTHERN ITALY
	09	22	16	43.1	43.815	N	128.033	W	10	G	4.9 4.2	0.9	128 OFF COAST OF OREGON
	09	22	40	28.6?	36.29	N	29.89	E	10	G		0.7	5 TURKEY. ML 3.5 (ISK).
	09	23	14	25.7*	37.283	N	30.744	E	160	*		0.7	15 TURKEY. MD 4.3 (HLW).
	09	23	30	52.4%	44 380	N	7.325	E	10	G		0.4	6 NORTHERN ITALY. ML 1.9 (GEN).
	09	23	31	04.2*	45.228	N	14.455	E	10	G		0.9	8 NORTHWESTERN BALKAN REGION
	10	00	16	20.0*	32.559	S	70.024	W	100	G		1.3	13 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	10	00	17	42.5*	36.614	N	70.093	E	33	N	4.5	0.4	7 HINDU KUSH REGION, AFGHANISTAN
	10	01	06	00.5*	18.896	S	69.492	W	135	*	4.4	0.7	8 NORTHERN CHILE
a	10	02	01	10.8*	35.536	S	103.950	W	10	G	4.7 5.1	1.1	19 SOUTHERN PACIFIC OCEAN. Mw 5.4 (HRV).
	10	02	01	24.2?	3.86	S	145 48	E	102	?	4.2	1.4	7 NEAR N COAST OF NEW GUINEA, PNG.
	10	02	22	52.6%	39.250	N	17.338	E	10	G		0.9	9 SOUTHERN ITALY
	10	02	48	12.8&	61.650	N	148.143	W	39				48 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	03	13	19.1?	39.25	N	29.38	E	5	G		0.2	4 TURKEY. ML 2.8 (ISK).
	10	03	47	00.7&	59.194	N	153.726	W	103				21 SOUTHERN ALASKA. <AEIC>.
a	10	04	03	41.2*	53.024	S	118.037	W	10	G	5.1 5.6	1.2	55 SOUTHERN EAST PACIFIC RISE. Mw 5.8 (HRV).
	10	04	09	50.3?	45.51	N	26.68	E	130	G		0.9	6 ROMANIA
	10	04	26	36.8%	38.912	S	173.747	E	10	G		0.6	22 OFF W. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	10	04	51	34.9%	30.402	S	68.671	W	33	N		1.3	5 SAN JUAN PROVINCE, ARGENTINA
	10	05	18	47.4*	39 533	N	23.454	E	10	G		0.6	6 AEGEAN SEA
	10	05	46	23.7?	53 07	S	117.61	W	10	G	4.1	1.1	11 SOUTHERN EAST PACIFIC RISE
	10	06	48	47.0&	40.416	N	124.524	W	27				33 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.6 (BRK).
	10	07	09	36.2%	40 386	N	23.299	E	10	G		0.2	7 GREECE
	10	08	15	11.9%	39.106	N	27.664	E	10	G		0.4	5 TURKEY. ML 2.8 (ISK).
	10	08	16	24.4%	40 200	N	27.465	E	5	G		0.6	7 TURKEY. ML 2.8 (ISK).
	10	08	23	38.4?	39 08	N	27.70	E	10	G		0.0	4 TURKEY. ML 2.8 (ISK).
	10	09	15	08.6	40 347	N	76.018	W	5	G		0.3	9 PENNSYLVANIA. mbLg 2.8 (GS). One person in the Reading area lost his balance because of the earthquake, fell off his bicycle and was injured. Felt (IV) at Reading and (III) at Hamburg and Shillington. Also felt at West Reading, Whitfield and Wyomissing. This is believed to be one of the smallest earthquakes in the United States for which confirmed casualty reports have been received.
	10	09	19	01.6%	31 065	S	68.369	W	108	?		0.7	8 SAN JUAN PROVINCE, ARGENTINA
	10	09	27	24.2	39.345	N	23.806	E	10	G		0.3	6 AEGEAN SEA
	10	09	49	01.9%	39.115	N	27.625	E	10	G		0.4	5 TURKEY. ML 2.8 (ISK).
	10	10	20	38.5	36.579	N	138.495	E	173		4.3	1.1	42 EASTERN HONSHU, JAPAN
	10	10	32	44.1%	40.010	N	23.633	E	10	G		0.5	7 GREECE
	10	10	34	51.7?	18.84	N	145.12	E	114	?	4.1	1.0	9 MARIANA ISLANDS
	10	10	35	30.5&	63.009	N	150.486	W	103				59 CENTRAL ALASKA. <AEIC>.
	10	10	37	04.4%	39.675	N	23.986	E	10	G		1.1	6 AEGEAN SEA
	10	10	46	16.3%	40 144	N	23.409	E	10	G		0.7	7 GREECE
	10	10	54	59.5	14.449	N	40.194	E	10	G	5.1 4.2	0.9	155 ETHIOPIA. MD 5.4 (ARO).
	10	11	11	47.0	39.293	S	177.288	E	32		4.2	1.3	28 OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	10	11	46	07.0&	34.970	N	116.937	W	0				10 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	10	11	47	09.2%	40.132	N	23.597	E	10	G		0.6	5 GREECE
	10	11	49	34.1*	39.117	N	27.626	E	10	G		0.2	5 TURKEY. ML 2.8 (ISK).
	10	12	19	08.8%	43.047	N	0.532	W	10	G		0.4	7 PYRENEES. ML 1.0 (STR).
	10	12	51	00.2	39.747	N	23.532	E	10	G		1.1	9 AEGEAN SEA
	10	12	57	40.1&	59.796	N	152.749	W	93				45 SOUTHERN ALASKA. <AEIC>.
	10	13	12	08 6%	26.385	S	27.461	E	5	G		0 9	6 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	13	22	34.9	33.247	S	70.242	W	10	G		0.8	11 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	10	14	00	04.0*	15.240	S	174.294	W	170	G	4.7	1.0	23 TONGA ISLANDS
	10	14	24	56.6%	26.892	S	26.716	E	5	G		0.6	6 REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	10	15	40	09.4&	37.866	N	122.234	W	11				14 CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.4 (BRK). Felt at Berkeley, Oakland and Walnut Creek.
	10	15	49	58.6&	59.738	N	153.144	W	108				45 SOUTHERN ALASKA. <AEIC>.
	10	15	54	16.9*	49.661	S	8.083	W	10	G	5.2	1.1	15 SOUTHERN MID-ATLANTIC RIDGE
	10	16	08	19.9%	44.344	N	7.371	E	10	G		0.8	7 NORTHERN ITALY. ML 1.7 (GEN).
	10	16	32	14.1%	38.873	N	26.921	E	10	G		0.7	5 AEGEAN SEA ML 2.8 (ISK)
	10	16	43	46.4	43.147	N	20.930	E	10	G		1 2	13 NORTHWESTERN BALKAN REGION. ML 2.5 (TTG), 2.5 (TIR).

	10	16 48 14.4*	44.416	N	8.553	E	10	G			0 2	8	NORTHERN ITALY ML 2 0 (GEN).
	10	16 50 56 9	40.639	S	174.673	E	88		4 3		1 2	40	COOK STRAIT, NEW ZEALAND
	10	17 08 09.5	42 828	S	171.663	E	21		4.3		1 0	44	SOUTH ISLAND, NEW ZEALAND. Felt at Christchurch and Westport.
	10	17 28 23.8	26.348	S	27.396	E	5	G			0 7	12	REPUBLIC OF SOUTH AFRICA ML 3.7 (PRE). mbLg 3 8 (BUL).
	10	17 38 27.0?	30.35	S	68.87	W	33	N			1 5	5	SAN JUAN PROVINCE, ARGENTINA
	10	18 30 17.0	38.131	N	14.132	E	10	G			1.2	20	SICILY
	10	19 19 46.4	44.324	N	7.333	E	10	G			0.6	14	NORTHERN ITALY. ML 1 9 (GEN).
	10	19 24 45.7	15.650	N	60.544	W	10	G			0 6	19	LEEWARD ISLANDS. ML 3.3 (FDF). MD 3.5 (TRN).
	10	19 28 14.4?	3.56	S	103.41	E	160	?	4.5		0.8	12	SOUTHERN SUMATERA, INDONESIA
	10	19 38 27.4?	28.97	N	52.43	E	33	N	4.4		0.5	7	SOUTHERN IRAN
	10	19 56 09.1%	26.396	S	27.402	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	20 24 42.8	20.724	S	68.902	W	134	*	4.1		1.0	12	CHILE-BOLIVIA BORDER REGION
	10	21 02 45.9	42.466	N	19.744	E	10	G			1.0	12	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG), 2.3 (TIR).
	10	21 08 56.1*	7.867	N	76.297	W	115	?	3.8		1.4	6	NORTHERN COLOMBIA
	10	21 29 51.7%	40.343	N	27.614	E	10	G			0.7	8	TURKEY. ML 2.8 (ISK).
	10	21 42 07.5	44.902	N	7.343	E	10	G			0.8	21	NORTHERN ITALY. ML 2.4 (GEN), 2.4 (LDG).
	10	22 57 48.9%	26.419	S	27.423	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	10	23 17 22.5?	36.31	N	14.24	E	10	G			1.0	6	SICILY
	10	23 25 10.6?	18.04	N	63.54	W	70	G			0.6	9	LEEWARD ISLANDS
	10	23 51 53.8	44.166	N	6.907	W	22		3.3		0.6	34	NORTH ATLANTIC OCEAN. ML 3.8 (LDG). mbLg 3.5 (MDD).
	11	00 35 12.6	45.038	N	3.018	E	10	G			0 5	16	FRANCE. ML 2.9 (STR), 2.7 (LDG).
	11	01 00 47.1&	63.277	N	148.162	W	84					37	CENTRAL ALASKA. <AEIC>.
	11	01 04 44.6%	37.923	N	14.093	E	10	G			0.6	5	SICILY
	11	01 33 41.7?	39.60	N	23.53	E	10	G			0.7	8	AEGEAN SEA
	11	02 00 19.7*	49.601	S	114.199	E	10	G	4.7	4.8	1 1	28	SOUTH OF AUSTRALIA
	11	02 07 47 8*	38.527	N	26.966	E	10	G			1.1	9	AEGEAN SEA. ML 3.3 (ISK).
	11	02 11 53.4%	38.433	S	176.092	E	160	G			1.1	20	NORTH ISLAND, NEW ZEALAND
	11	02 36 16.2&	40.350	N	76.020	W	5	G				5	PENNSYLVANIA. <MACRO>. mbLg 2.0 (GS). Felt in the Reading area.
	11	02 41 47.6&	40.350	N	76.020	W	5	G				6	PENNSYLVANIA. <MACRO>. mbLg 2.3 (GS). Felt (V) at Reading.
	11	02 42 32.5&	40.350	N	76 020	W	5	G				3	PENNSYLVANIA. <MACRO>. mbLg 1.6 (GS). Felt in the Reading area.
	11	02 43 57 4&	40 350	N	76.020	W	5	G				6	PENNSYLVANIA. <MACRO>. mbLg 2.2 (GS). Felt in the Reading area.
	11	02 51 00 8%	38.030	S	176.461	E	150	G			1.0	20	NORTH ISLAND, NEW ZEALAND
a	11	02 51 41 7	2.345	N	99 885	W	10	G	5.0	4.9	1.3	77	WEST OF GALAPAGOS ISLANDS. Mw 5.6 (HRV).
	11	02 58 54 9&	62.183	N	150.449	W	10					46	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	03 32 49 3?	10.63	N	62.46	W	33	N			0.6	4	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	11	03 44 10 5	14 516	N	40 242	E	25	D	4.5	4.8	0.8	39	ETHIOPIA
	11	03 45 29 3&	36 824	N	121 598	W	6					23	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM).
	11	03 57 43 1	26.823	S	26.722	E	5	G			1.5	15	REPUBLIC OF SOUTH AFRICA. ML 4.0 (PRE).
	11	05 11 24.0?	31.70	S	69 68	W	120	G			0 0	4	SAN JUAN PROVINCE, ARGENTINA
	11	05 18 54 8?	38 17	N	15.73	E	10	G			0.3	4	SICILY
	11	05 20 55 6?	34 36	S	71.28	W	60	G			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	11	06 10 04 1&	60.588	N	152 395	W	103					36	SOUTHERN ALASKA. <AEIC>.
	11	06 34 09.3?	38.81	N	22.85	E	10	G			1.5	6	GREECE
	11	07 01 44 9%	38.102	S	176.021	E	190	G			1.2	30	NORTH ISLAND, NEW ZEALAND
	11	07 05 55 0%	44.884	N	10.035	E	10	G			0.9	12	NORTHERN ITALY
	11	07 11 23 5?	0.02	S	124.95	E	33	N	4.3		0.7	8	SOUTHERN MOLUCCA SEA
	11	09 14 10.0%	39.138	N	27.660	E	10	G			0.9	5	TURKEY. ML 2.8 (ISK)
	11	09 41 07.6%	39.125	N	27.690	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK)
	11	12 13 21.5&	60.357	N	152.284	W	83		2.7			84	SOUTHERN ALASKA. <AEIC>.
	11	12 33 50.2%	39.140	N	27.652	E	10	G			0.7	5	TURKEY. ML 2.8 (ISK).
	11	13 20 54.4*	50.501	N	18.991	E	10	G			1.5	7	POLAND. ML 3.4 (WAR), 3.2 (VIE).
	11	14 18 18.7%	38.109	N	14.163	E	10	G			1.1	6	SICILY
	11	14 21 52.3?	71.98	N	1.94	W	10	G	3.7		1.5	12	JAN MAYEN ISLAND REGION
	11	14 35 42.5	27.807	N	99.478	E	33	N	4.6		1.5	38	YUNNAN, CHINA
	11	15 01 30 1%	26.881	S	26.728	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	11	15 28 04 9	46.468	N	11.614	E	10	G			0.4	10	NORTHERN ITALY. ML 2.4 (VIE).
a	11	16 24 59.5	24.919	S	70.464	W	47	D	5.4	4.9	1.2	194	NEAR COAST OF NORTHERN CHILE. Mw 5.7 (HRV). Ms 4.8 (BRK). Felt (IV) at Antofagasta and Taltal; (III) at Mejillones; (II) at Calama and Tocopilla.
	11	16 47 22.0%	40.636	S	174.444	E	76	*			0.5	21	COOK STRAIT, NEW ZEALAND
	11	17 07 28.4?	6.04	S	131.12	E	33	N	4.4		1.1	6	TANIMBAR ISLANDS REG., INDONESIA
	11	17 15 51.1%	40.207	N	28.003	E	10	G			0.1	5	TURKEY. ML 2.7 (ISK).
	11	17 39 22.4	26.838	S	26.645	E	5	G			1.4	11	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE). mbLg 3.2 (BUL).
	11	18 16 07.3%	40.649	N	29.194	E	10	G			1.1	5	TURKEY. ML 2.5 (ISK).
f	11	18 26 51.3	7.219	N	126.570	E	59	G	6.1	6.6	1.1	630	MINDANAO, PHILIPPINE ISLANDS. Mw 7.0 (GS), 7.0 (HRV). Ms 6.5 (BRK). Mo=6.3*10**19 Nm (PPT). Felt (V RF) at Bislig and Davao; (IV RF) at Cagayan de Oro and Kidapawan; (III RF) at Cotabato. Also felt (III RF) at Pala, Leyte and (II RF) an Camiguin Island. Depth from broadband displacement seismograms.
	11	19 09 15.3%	47.064	N	5.396	E	10	G			0.9	8	FRANCE. ML 2.1 (LDG).
	11	20 19 28 7*	28 809	S	67.263	W	153	*			0.5	15	LA RIOJA PROVINCE, ARGENTINA
	11	20 22 58.1*	6.694	N	127.047	E	33	N	4 1		0.7	7	PHILIPPINE ISLANDS REGION
	11	20 45 44.0%	38.164	S	175.975	E	190	G			1.0	26	NORTH ISLAND, NEW ZEALAND
	11	21 22 10 8%	38.086	N	14.192	E	10	G			1.0	15	SICILY. MD 3.1 (ROM).
	11	21 29 16.3%	31 391	S	68.015	W	100	G			0.6	8	SAN JUAN PROVINCE, ARGENTINA
	11	22 13 41 2?	30 22	S	178.45	W	173	?	4 4		0.6	6	KERMADEC ISLANDS, NEW ZEALAND
	11	22 46 37 8	39.271	N	22 763	E	10	G			1.1	25	GREECE. MD 3.3 (ATH)
	11	23 48 50 9*	51.410	N	178.536	W	33	N	4.5		0.8	48	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	00 46 55 4&	34.973	N	116.965	W	0					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (III) at Yucca Valley. Also felt at Barstow, Fort Irwin and Highland.
	12	00 48 43.5?	39.33	N	22.87	E	10	G			1.6	4	GREECE. MD 3.3 (ATH).
	12	00 58 49 6*	30.835	S	179 960	E	375	*	4.3		1.3	36	KERMADEC ISLANDS REGION
	12	01 38 16.7	44.357	N	7.285	E	5	G			0.6	19	NORTHERN ITALY. ML 2 4 (GEN), 2.1 (LDG).
	12	01 54 19 8	38.606	N	20.467	E	10	G	3.4		1.3	55	GREECE. MD 3.5 (ATH). ML 3.3 (TIR).
	12	02 12 28 9	6.732	N	127.117	E	33	N	4.8	4.3	1.4	63	PHILIPPINE ISLANDS REGION
	12	02 16 26.1?	44.39	N	7.38	E	10	G			0.1	4	NORTHERN ITALY. ML 1.4 (GEN).

	12	02 23 28.7?	20.65	S	169.54	E	139	*	4.6		0.4	6	VANUATU ISLANDS
	12	04 08 24.8	36.189	N	1.392	E	10	G	3.6		0.6	22	NORTHERN ALGERIA. mbLg 3.1 (MDD).
	12	04 32 32.1%	39.174	N	22.966	E	10	G			1.6	5	GREECE
	12	04 44 43.2	40.261	N	21.115	E	10	G			1.1	18	GREECE. ML 3.3 (TIR).
	12	04 48 53.4?	40.10	N	24.17	E	5	G			0.2	4	AEGEAN SEA
	12	04 56 43.9*	10.508	N	69.261	W	33	N	3.3		1.4	7	VENEZUELA
	12	05 16 01.0?	42.12	N	22.98	E	10	G			0.7	5	BULGARIA
	12	06 37 32.8%	31.132	S	68.482	W	24				0.7	10	SAN JUAN PROVINCE, ARGENTINA
	12	06 53 20.2&	40.755	N	124.863	W	10					33	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.5 (BRK).
	12	06 55 15.5?	26.01	S	27.82	E	5	G			1.4	4	REPUBLIC OF SOUTH AFRICA
	12	07 24 04.1	36.203	N	114.013	W	5	G			0.8	22	SOUTHERN NEVADA. ML 3.5 (GS). Felt (IV) at Bunkerville.
	12	07 33 14.0	6.729	N	126.945	E	55	D	4.7		1.2	65	MINDANAO, PHILIPPINE ISLANDS
	12	07 34 58.8	36.237	N	22.760	E	10	G	3.9		1.1	17	SOUTHERN GREECE. MD 3.7 (ATH).
	12	07 35 18.9?	36.80	S	177.93	E	80	G			0.1	5	OFF E. COAST OF N. ISLAND, N.Z.
	12	07 39 02.1?	31.29	S	68.12	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	12	08 11 01.9*	41.641	N	142.198	E	33	N	4.2		0.6	9	HOKKAIDO, JAPAN REGION
	12	08 18 02.5?	32.42	S	71.33	W	70	G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	12	09 01 47.6%	39.072	N	27.670	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	12	09 03 18.8	7.093	N	127.033	E	33	N	4.6		1.2	24	PHILIPPINE ISLANDS REGION
	12	09 40 49.2?	10.98	N	61.98	W	60	G			0.2	5	TRINIDAD MD 3.2 (TRN).
	12	09 41 17.4*	36.387	N	51.979	E	33	N	4.3		1.4	12	NORTHERN IRAN
	12	09 43 08.1	6.782	N	73.050	W	168	*	3.8		1.5	20	NORTHERN COLOMBIA
	12	10 22 24.7%	39.138	N	27.658	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	12	10 46 31.2%	44.045	N	11.469	E	10	G			0.4	5	NORTHERN ITALY
	12	10 49 45.5?	46.24	N	14.90	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION
a	12	11 59 14.3	20.460	S	177.812	W	531	D	5.3		1.0	283	FIJI ISLANDS REGION Mw 5.5 (HRV).
a	12	13 06 44.0	3.836	S	135.481	E	33	N	5.0	5.3	1.2	88	IRIAN JAYA REGION, INDONESIA. Mw 5.5 (HRV).
	12	13 23 14.0?	39.14	N	27.63	E	10	G			1.3	4	TURKEY. ML 2.7 (ISK).
	12	13 24 16.1	37.836	N	20.915	E	24		3.9		1.5	34	IONIAN SEA. MD 3.7 (ATH). ML 3.6 (THE).
	12	13 48 56.0?	44.16	N	11.53	E	10	G			0.2	4	NORTHERN ITALY
	12	14 22 31.5&	64.477	N	146.977	W	8		3.4			64	CENTRAL ALASKA. <AEIC>. ML 3.9 (AEIC). Felt (III-V) at Delta Junction, Eielson Air Force Bose, Fairbonks, North Pole, Salcho and other locatians along the Richardson Highway.
	12	14 37 39.5?	33.68	S	70.42	W	108	?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	12	14 54 38.8%	31.537	S	68.560	W	108	?			0.4	8	SAN JUAN PROVINCE, ARGENTINA
	12	15 05 15.1*	7.070	N	126.930	E	49	D	4.3		1.2	32	MINDANAO, PHILIPPINE ISLANDS
	12	16 04 21.0?	44.22	N	11.46	E	10	G			0.2	4	NORTHERN ITALY
	12	16 08 55.8%	41.131	N	28.488	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	12	16 29 00.8%	40.310	S	174.251	E	70	G			0.8	29	COOK STRAIT, NEW ZEALAND
	12	16 32 23.9&	59.665	N	152.042	W	60					37	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	12	16 33 40.9?	30.78	S	69.38	W	33	N			0.7	5	CHILE-ARGENTINA BORDER REGION
	12	16 39 50 6%	33.264	S	68.180	W	33	N			1.3	7	MENDOZA PROVINCE, ARGENTINA
	12	16 56 25.6%	26 835	S	26.790	E	5	G			1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	12	17 22 00.1?	44 15	N	11.55	E	10	G			0.5	4	NORTHERN ITALY
	12	17 36 21 6&	59.734	N	152.734	W	93					69	SOUTHERN ALASKA <AEIC>.
	12	17 54 57.5%	38.396	N	14.610	E	10	G			1.5	8	SICILY
	12	18 09 30.6%	26 400	S	29.106	E	5	G			0.6	5	REPUBLIC OF SOUTH AFRICA
	12	18 48 13.4?	14.60	N	60.95	W	5	G			0.2	4	WINDWARD ISLANDS ML 1.4 (FDF).
	12	19 17 50.8	39.748	N	24.178	E	10	G			0.8	13	AEGEAN SEA
	12	19 24 21.5%	39 878	N	24.052	E	10	G			0.7	7	AEGEAN SEA
	12	19 48 05.9%	30.788	S	117.091	E	5	G			0.5	5	WESTERN AUSTRALIA
	12	20 02 57.5%	39.815	N	28.041	E	10	G			0.5	6	TURKEY. ML 2.7 (ISK).
	12	20 12 06.0%	43.081	N	12.227	E	10	G			0.4	5	CENTRAL ITALY
	12	20 39 58.6%	31.159	S	68.285	W	100	G			1.0	9	SAN JUAN PROVINCE, ARGENTINA
	12	20 54 08.5*	14.133	N	92.363	W	33	N	4.2		1.3	23	NEAR COAST OF CHIAPAS, MEXICO
	12	21 15 54.2	38.435	N	22.011	E	10	G	4.1		1.4	84	GREECE. ML 4.1 (TTG), 4.0 (TIR), 3.7 (THE). MD 3.7 (ATH).
	12	21 30 44.0*	24.882	S	66.556	W	224	?			0.8	6	SALTA PROVINCE, ARGENTINA
	12	22 00 52.6%	45.184	S	167.138	E	21				0.3	11	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	12	22 03 40.2	32.850	S	71.448	W	22				0.8	19	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN). Felt (IV) at Zopallar; (III) at Popudo; (II) at Lo Ligua and Petorco.
	12	22 11 56.4?	33.01	S	178.02	W	33	N	4.4		1.5	9	SOUTH OF KERMADEC ISLANDS
	12	22 23 29.5&	62.898	N	150.474	W	102					53	CENTRAL ALASKA. <AEIC>.
	12	22 31 45.5%	40.222	N	26.990	E	5	G			0.4	8	TURKEY. ML 3.0 (ISK).
	12	23 02 55.7?	36.39	N	71.31	E	33	N	4.1		0.5	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	12	23 33 19.1	48.514	N	153.229	E	126	D	4.6		0.9	78	KURIL ISLANDS
	13	00 00 29.2?	23.52	S	176.17	W	202	?	4.0		0.7	10	SOUTH OF FIJI ISLANDS
	13	00 26 22.1?	23.18	S	176.42	W	229	?	4.0		0.7	10	SOUTH OF FIJI ISLANDS
	13	00 29 32.7	38.914	N	26.999	E	9				0.9	25	AEGEAN SEA. ML 3.6 (ISK). MD 3.5 (ATH). Felt in Aliago and Dikili Districts, Turkey.
	13	00 37 59.0	46.322	N	13.275	E	10	G			0.8	6	AUSTRIA. ML 1.9 (VIE).
	13	00 46 49.0%	17.141	N	99.087	W	33	N			0.8	7	GUERRERO, MEXICO
	13	00 59 28.2?	23.08	S	176.45	W	211	?	4.0		1.0	9	SOUTH OF FIJI ISLANDS
	13	01 34 41.4%	38.158	N	14.128	E	10	G			1.6	5	SICILY
	13	02 14 41 4&	64.486	N	146.976	W	7					44	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.4 (PMR). Felt at Salcha.
	13	02 19 09.7	3.873	N	95.232	E	33	N	4.7		1 0	36	OFF W COAST OF NORTHERN SUMATERA
	13	02 27 29.4%	40.606	N	22.474	E	10	G			0.9	10	GREECE
	13	02 31 55.4	9.015	S	160.400	E	59	D	4.8		0.9	33	SOLOMON ISLANDS. Felt (III) at Honiaro. Also felt at Bina, Malaita.
	13	02 45 16.9&	64.482	N	146.991	W	8		3.1			43	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 2.9 (PMR). Felt at Salcho.
	13	03 20 37.4	39.181	N	27.894	E	10	G			0.7	9	TURKEY. ML 3.1 (ISK).
	13	04 08 45.2?	32.93	S	178.73	W	33	N	4.2		1.0	8	SOUTH OF KERMADEC ISLANDS
	13	04 41 04.4?	34.63	S	71.40	W	70	G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	05 00 55.8	40.791	N	27.771	E	10	G			0.9	12	TURKEY. ML 2.8 (ISK).
	13	05 18 26.2?	34.93	S	71.15	W	100	G			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	05 27 05.5	44.792	N	6.696	E	10	G			0.5	17	FRANCE. ML 2.5 (LDG), 2.5 (GEN).
	13	07 03 03 0&	40.350	N	76.020	W	5	G				3	PENNSYLVANIA. <MACRO>. Felt in the Reading area.
	13	08 19 34.7?	8.15	S	79.23	W	33	N	4.1		1.6	11	NEAR COAST OF NORTHERN PERU
	13	08 26 00.6?	39.10	N	27.65	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).

a	13	10	24	40.4	61.988	N	147.033	W	59	D	5.3	0.9	336	SOUTHERN ALASKA Mw 5.2 (HRV). ML 4.9 (AEIC), 4.9 (PMR). Felt (IV) at Chugiak, Copper Center, Cardova, Eagle River, Gakona, Glennallen, Palmer, Sheep Mountain, Sutton, Talkeetna, Valdez, Wasilla and Willow. Felt (III) at Anchorage.
	13	10	31	48.6&	35.971	N	117.749	W	4				9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	13	10	46	10.0	44.968	N	9.980	E	10	G		1.0	49	NORTHERN ITALY. ML 2.9 (LDG).
	13	11	12	22.8?	11.12	N	88.19	W	33	N	4.4	1.4	15	OFF COAST OF CENTRAL AMERICA
	13	11	29	16.0%	38.101	S	176.204	E	170	G		1.0	15	NORTH ISLAND, NEW ZEALAND
	13	11	39	11.2?	41.79	N	22.27	E	10	G		0.2	4	NORTHWESTERN BALKAN REGION. ML 1.9 (SKO).
	13	11	40	10.4?	26.42	S	27.34	E	5	G		1.2	4	REPUBLIC OF SOUTH AFRICA
f	13	11	59	49.2&	55.177	N	160.458	W	32	G	6.4 6.8		766	ALASKA PENINSULA. Mw 6.9 (GS), 6.9 (HRV). <SPEC>. Ms 6.8 (BRK). Mo=6.5*10**19 Nm (OBN), 2.9*10**19 Nm (PPT). Items knacked from shelves at Sand Point and King Cove. Felt (VI) at Sand Point; (V) at Chignik, Chignik Lagoon, False Poss, King Cave, Nelson Lagoon ond Perryville; (IV) at Cold Bay and Port Heiden; (III) at Akhiok and Akuton; (II) at Kodiak. Depth 33.4 kilometers from broadband displacement seismagrams.
	13	12	17	08.2?	26.35	S	27.37	E	5	G		1.5	4	REPUBLIC OF SOUTH AFRICA
	13	12	23	16.8*	12.830	N	145.327	E	33	N	4.8	1.0	8	SOUTH OF MARIANA ISLANDS. Felt (III) on Guam.
	13	12	58	40.7%	39.534	N	16.741	E	10	G		1.4	9	SOUTHERN ITALY
	13	13	05	11.0?	39.28	N	27.76	E	10	G		1.1	4	TURKEY. ML 2.8 (ISK).
	13	13	21	36.0?	57.94	N	6.30	E	10	G		0.3	7	NORTH SEA. MD 2.6 (BER).
	13	13	24	45.0%	39.139	N	27.689	E	10	G		0.7	5	TURKEY. ML 2.8 (ISK).
	13	13	48	19.8%	41.080	N	29.004	E	10	G		0.4	5	TURKEY. ML 2.7 (ISK).
	13	14	56	49.2%	28.754	S	67.081	W	143	?		0.3	8	LA RIOJA PROVINCE, ARGENTINA
	13	15	08	19.1?	61.43	N	4.26	E	10	G		0.1	5	SOUTHERN NORWAY. MD 2.1 (BER).
	13	15	17	37.4	41.113	N	28.734	E	10	G		0.5	9	TURKEY. ML 2.8 (ISK).
	13	15	48	49.5&	37.506	N	118.799	W	12				28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	13	15	50	12.2*	9.169	S	158.803	E	26	D	4.2	1.2	9	SOLOMON ISLANDS
	13	16	13	26.0	40.126	N	109.087	W	5	G		0.7	9	UTAH. ML 3.0 (GS).
	13	16	49	07.7%	28.071	S	26.906	E	5	G		0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	13	18	04	50.3	38.874	N	27.097	E	10	G		0.4	7	TURKEY. ML 3.0 (ISK).
	13	18	06	21.3	38.896	N	27.107	E	10	G		0.4	9	TURKEY. ML 3.2 (ISK).
	13	18	13	35.5?	44.40	N	7.39	E	5	G		0.2	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	18	20	49.7	14.400	N	40.186	E	19	D	4.9 4.7	1.1	139	ETHIOPIA. MD 5.3 (ARO).
	13	18	41	34.1?	20.62	S	178.54	W	653	?	4.5	1.5	24	FIJI ISLANDS REGION
	13	19	16	56.7?	38.14	N	28.79	E	10	G		1.7	4	TURKEY
	13	19	32	00.0&	64.471	N	146.978	W	9		3.2		57	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR). Felt strongly at Salcho ond Alyesko Pump Station Number 8.
	13	20	08	59.9%	44.553	N	7.275	E	10	G		0.1	5	NORTHERN ITALY. ML 1 6 (GEN).
	13	20	19	05.7?	19.62	N	94.64	E	33	N		1.5	8	MYANMAR
	13	20	27	25.9&	36.214	N	120.232	W	8				33	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (PAS).
	13	21	22	12 6?	30.73	S	68.93	W	33	N		0.3	4	SAN JUAN PROVINCE, ARGENTINA
	13	21	32	59.2?	61.03	N	78.11	E	33	N	4.0	1.5	12	NORTHWESTERN SIBERIA, RUSSIA
	13	21	33	05.0	38.357	N	22.101	E	10	G	4.0	1.3	37	GREECE. MD 3.6 (ATH). ML 3.5 (TIR).
	13	21	53	46.3?	39.86	N	23.70	E	10	G		0.2	6	AEGEAN SEA
	13	22	12	39.8?	39.66	N	23.48	E	10	G		0.3	6	AEGEAN SEA
	13	22	14	04.3?	39.51	N	23.50	E	10	G		0.4	8	AEGEAN SEA
	13	22	16	43.3	27.614	S	70.966	W	38	*	4.1	1.2	28	NEAR COAST OF NORTHERN CHILE
	13	22	25	27.7*	2.444	N	126.726	E	33	N	4.8	1.6	20	NORTHERN MOLUCCA SEA
	13	22	53	18.4%	33.836	S	70.721	W	81	?		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	13	23	06	32.0?	36.64	N	3.18	W	10	G		1.5	4	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	13	23	17	01.0?	37.59	N	20.63	E	11			0.9	12	IONIAN SEA MD 3.1 (ATH).
	13	23	35	05.7?	47.71	N	7.74	E	10	G		0.2	4	SWITZERLAND. ML 1.9 (LDG).
a	13	23	41	38.4	55.017	N	160.162	W	33	D	5.3	0.9	259	ALASKA PENINSULA. Mw 5.1 (HRV). ML 5.3 (PMR). Felt (IV) at Sand Point and Perryville; (III) at Chignik, Chignik Lagoon, Cold Bay and King Cave.
	13	23	51	17.1%	39.570	N	27.870	E	10	G		0.6	6	TURKEY. ML 2.9 (ISK).
	13	23	57	37 2	21.558	S	65.807	W	276		4.6	1.3	96	SOUTHERN BOLIVIA
	14	00	01	53 3*	5.447	S	147.158	E	158	?	4.9	1.0	20	EASTERN NEW GUINEA REG., P.N.G.
	14	01	19	12.6*	51.047	N	15.843	E	10	G		0.6	7	POLAND. ML 3.1 (GRF).
	14	01	52	20.6?	37.97	N	14.16	E	10	G		1.4	5	SICILY
	14	02	03	51.7*	24.490	N	109.018	W	10	G	4.2	1.3	34	GULF OF CALIFORNIA
	14	02	33	53.6	27.927	S	66.950	W	188			0.8	22	CATAMARCA PROVINCE, ARGENTINA. Felt (III) at Copiapo; (II) at Chanaral and Vallenar, Chile.
	14	02	39	15.6	20.620	N	94 845	E	33	N	4.4	1.2	31	MYANMAR
	14	03	09	21.5?	8.89	N	126.22	E	33	N		0.9	4	MINDANAO, PHILIPPINE ISLANDS
	14	03	11	57.5*	6.569	S	130.674	E	83	?	4.1	0.8	12	BANDA SEA
	14	03	53	41.2%	60.475	N	4.310	E	10	G		1.4	8	SOUTHERN NORWAY. MD 2.1 (BER).
	14	04	07	41.6?	60.54	N	4.54	E	10	G		0.7	4	SOUTHERN NORWAY. MD 1.5 (BER).
	14	04	15	19.2*	59.108	S	25.606	W	33	N	4.7	0.8	21	SOUTH SANDWICH ISLANDS REGION
	14	04	55	59.3?	7.53	S	128.42	E	161	*	4 5	1.6	7	BANDA SEA
	14	05	01	44.7?	14.49	N	40.02	E	33	N	4.1	0 8	12	ETHIOPIA. MD 3.5 (ARO).
	14	05	42	03.6?	25.35	N	125.44	E	33	N	4 3	0 6	5	SOUTHWESTERN RYUKYU ISLANDS
	14	06	21	30.9?	41.55	N	20.25	E	10	G		1.1	4	ALBANIA. ML 1.8 (TIR).
	14	06	34	37.3%	39.523	N	27.794	E	10	G		0.7	7	TURKEY. ML 2.8 (ISK).
	14	07	20	48.7&	62.009	N	150.789	W	57				55	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	14	07	33	28.0%	40.942	S	174.547	E	69	*		0 6	23	COOK STRAIT, NEW ZEALAND
	14	07	34	48 8%	40.500	N	23.611	E	10	G		0.7	5	GREECE
a	14	10	00	27.3	2.374	N	126.741	E	36	D	5 3	1.3	117	NORTHERN MOLUCCA SEA. Mw 5.2 (HRV).
	14	10	35	11 1	14.851	N	120.540	E	56	D	4 7	1.4	43	LUZON, PHILIPPINE ISLANDS. Felt in the Manila orea.
	14	10	40	29.3&	59.634	N	150.895	W	44				38	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	14	10	51	04.0%	31.308	S	69.157	W	112	?		0.6	9	SAN JUAN PROVINCE, ARGENTINA
	14	12	23	08.2	23.824	S	179.848	W	528	*	5.2	1.1	81	SOUTH OF FIJI ISLANDS
	14	12	35	33.2%	41.197	N	28.760	E	10	G		0.2	7	TURKEY. ML 2.7 (ISK).
	14	13	21	34.8?	26.36	S	27.24	E	5	G		0.6	4	REPUBLIC OF SOUTH AFRICA
	14	13	31	19.6?	35.91	N	23.84	E	10	G		0.6	7	CRETE. MD 3.5 (ATH).
	14	13	36	24.3	43.162	N	20.879	E	10	G		0.9	22	NORTHWESTERN BALKAN REGION. MD 3.1 (TTG). ML 3.0 (TIR).
	14	13	37	24.2	26.834	S	26 666	E	5	G		1.3	12	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.6 (BUL). This event may be a mine explosion which killed several people.

	14	14	11	19.7?	38.76	N	21.70	E	10	G			1.4	5	GREECE
	14	14	19	02.3?	31.24	S	68.72	W	100	G			0.3	4	SAN JUAN PROVINCE, ARGENTINA
	14	15	11	30.1?	31.87	S	68.45	W	100	G			0.7	5	SAN JUAN PROVINCE, ARGENTINA
	14	15	13	41.1&	34.513	N	120.680	W	6	G				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	14	15	14	45.3&	60.469	N	152.877	W	160		3.5			77	SOUTHERN ALASKA. <AEIC>.
	14	16	02	50.2&	60.700	N	152.076	W	85					64	SOUTHERN ALASKA. <AEIC>.
	14	17	23	47.8&	36.106	N	117.700	W	1					14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	14	17	41	13.1?	12.56	N	144.85	E	33	N			0.5	6	SOUTH OF MARIANA ISLANDS
	14	17	53	34.8*	38.507	N	20 482	E	10	G			1.2	7	GREECE. MD 2.9 (ATH).
	14	18	16	55.9?	31.60	S	69.30	W	120	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	14	18	32	09.2?	55.96	S	27.20	W	33	N	5.1		1.3	12	SOUTH SANDWICH ISLANDS REGION
	14	19	06	51.9	50.520	N	18.875	E	10	G			0.8	11	POLAND. ML 3.9 (WAR), 3.5 (VIE).
	14	20	14	42.7%	23.430	S	114.293	E	10	G	4.3		1.2	13	WESTERN AUSTRALIA
	14	21	06	33.8%	38.053	N	14.163	E	10	G			1.6	5	SICILY
	14	21	25	54.8%	38.086	N	14.171	E	10	G			0.9	17	SICILY. MD 2.9 (ROM).
a	14	21	29	45.0	10.823	S	161.358	E	25	D	5.4	5.2	0.9	134	SOLOMON ISLANDS. Mw 5.4 (HRV).
	14	22	00	10.3*	15.969	N	60.101	W	33	N			0.3	15	LEEWARD ISLANDS. MD 3.5 (TRN). ML 3.3 (FDF).
	14	22	01	27.5*	32.231	S	71.585	W	28				0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	14	22	22	39.8%	38.150	N	15.705	E	10	G			0.4	6	SICILY
	14	22	26	08.4?	17.86	S	166.05	E	33	N	4.2		0.8	4	VANUATU ISLANDS
	14	22	28	54.2	44.296	N	5.248	E	10	G			0.5	16	FRANCE. ML 2.5 (LDG).
	14	23	31	22.8?	49.17	N	6.87	E	5	G			1.6	4	GERMANY. ML 1.8 (UCC).
	14	23	32	23.6%	38.253	S	175.908	E	170	G			0.9	35	NORTH ISLAND, NEW ZEALAND
	14	23	45	25.6&	36.940	N	121.435	W	8					69	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
	14	23	59	43.5	36.512	N	30.026	E	10	G			1.1	17	TURKEY. MD 3.9 (ATH). ML 3.6 (ISK).
	15	00	31	49.4&	36.943	N	121.436	W	8					57	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
	15	01	04	04.5?	26.36	S	27.28	E	5	G			1.2	4	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	15	01	11	38.2?	26.32	S	27.60	E	5	G			1.0	4	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	15	01	34	00.9	3.781	S	135.239	E	33	N	5.2	4.6	1.0	21	IRIAN JAYA REGION, INDONESIA
a	15	01	41	11.2	22.257	S	169.507	E	25	D	5.5	5.2	1.1	104	LOYALTY ISLANDS REGION. Mw 5.6 (HRV).
	15	01	53	14.3	41.252	N	20.156	E	10	G			1.2	22	ALBANIA. ML 3.1 (TTG), 2.9 (TIR), 2.8 (SKO).
a	15	01	55	38.8	7.230	N	126.641	E	31	D	5.6	5.1	1.1	216	MINDANAO, PHILIPPINE ISLANDS. Mw 5.8 (HRV).
	15	01	56	19.1	37.513	N	134.882	E	373		4.4		0.8	49	SEA OF JAPAN
	15	02	15	38.9?	51.24	N	15.69	E	5	G			1.5	7	POLAND. ML 3 1 (VIE).
	15	02	20	19.9	44.441	N	8.813	E	5	G			1.0	14	NORTHERN ITALY. ML 2.0 (LDG), 1.9 (GEN).
	15	02	26	48.5*	43.007	N	20.777	E	10	G			1.3	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
a	15	03	09	38.1	16.673	N	98.417	W	20	G	5.9	5.8	1.0	397	NEAR COAST OF GUERRERO, MEXICO. Mw 6.0 (GS). Ms 5.7 (BRK). Felt strongly at Mexica City. Depth from braadband displacement seismograms.
f	15	03	12	32.7	16.698	N	98.395	W	21	G	6.1	5.9	1.0	215	NEAR COAST OF GUERRERO, MEXICO. Mw 6.1 (GS), 6.1 (HRV). Slight damage at Mexica City. Felt in the states af Guerrera, Michaacan, Oaxaca, Puebla, Tlaxcala and Veracruz. Depth fram braadband displacement seismagrams.
	15	04	13	55.2?	16.45	N	98.72	W	33	N			1.7	7	NEAR COAST OF GUERRERO, MEXICO
	15	04	20	45 2	15.166	N	91.854	W	132	D	4.7		1.2	108	MEXICO-GUATEMALA BORDER REGION
	15	04	36	38.3&	59.837	N	153.523	W	134					40	SOUTHERN ALASKA. <AEIC>.
a	15	05	23	39.5	28.073	S	176.637	W	33	D	5.3	5 3	1 2	101	KERMADEC ISLANDS REGION. Mw 5.6 (HRV).
	15	05	24	06.7*	7.293	N	123.813	E	591		4.6		1 0	28	MINDANAO, PHILIPPINE ISLANDS
	15	05	48	19 0*	28.570	S	176.059	W	15	D	4.9	5.3	1.7	29	KERMADEC ISLANDS REGION
	15	06	27	31 7%	61 520	N	4.779	E	10	G			0 3	5	SOUTHERN NORWAY. MD 2.1 (BER).
	15	06	46	51 9*	6.645	N	72.807	W	183	*	3.9		1.1	16	NORTHERN COLOMBIA
	15	06	47	51.9%	47.273	N	11.240	E	10	G			0.6	5	AUSTRIA. ML 1.4 (VIE).
	15	07	03	49.3?	16.24	N	98.65	W	10	G			1 2	6	NEAR COAST OF GUERRERO, MEXICO
	15	07	36	26 1	45.729	N	13.695	E	10	G			1 3	11	NORTHERN ITALY. ML 2.6 (VIE).
	15	07	48	55.4?	60.39	N	4.95	E	10	G			0.3	5	SOUTHERN NORWAY. MD 1.3 (BER).
	15	07	50	26.8?	38 93	N	26.98	E	10	G			0.4	4	AEGEAN SEA. ML 3.1 (ISK).
	15	08	15	54.2?	16 29	N	98.68	W	33	N			1.3	4	NEAR COAST OF GUERRERO, MEXICO
	15	08	18	34.0&	37.642	N	118.959	W	8					48	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK), 3.1 (GS).
	15	08	26	30.4	16 624	N	98.538	W	33	D	4.7		1.3	77	NEAR COAST OF GUERRERO, MEXICO
	15	08	51	13.8	35.448	N	141.178	E	33	N	4.5		1.4	29	NEAR EAST COAST OF HONSHU, JAPAN
	15	09	16	58.3	20 490	S	177 634	W	404	D	4.4		1.0	41	FIJI ISLANDS REGION
	15	10	10	36.4%	26 790	S	26.718	E	5	G			0.4	9	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	15	10	37	21.7*	50.347	N	18.872	E	10	G			1.0	7	POLAND. ML 3.4 (WAR).
	15	10	54	34.3%	41.132	N	23 591	E	5	G			0.3	6	GREECE-BULGARIA BORDER REGION
	15	11	23	49.4?	27.71	S	176.95	W	33	N	4.5		0.7	5	KERMADEC ISLANDS REGION
	15	11	37	08.9?	4.07	S	134.92	E	33	N	4.5		1.4	6	IRIAN JAYA REGION, INDONESIA
	15	11	38	41.2&	59.877	N	153.190	W	125		3.2			73	SOUTHERN ALASKA. <AEIC>.
	15	13	00	29.2?	16.83	N	99.58	W	33	N			0.6	4	NEAR COAST OF GUERRERO, MEXICO
	15	13	04	02.6?	47.37	N	11.42	E	5	G			0.0	4	AUSTRIA. ML 1.6 (VIE).
	15	14	37	14.2	3.181	S	127.715	E	27	D	5.1		0.8	22	SERAM, INDONESIA
	15	14	53	17.4%	39.599	N	29.952	E	10	G			0.5	5	TURKEY. ML 2 8 (ISK).
a	15	15	34	47.4*	31.882	S	178.884	W	47	D	5.2		1.3	48	KERMADEC ISLANDS REGION. Mw 5.2 (HRV).
	15	15	44	09.4*	37.388	N	71.286	E	33	N	4.5		0.8	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	15	16	24	35.2*	38.080	N	21 068	E	10	G			1.4	8	GREECE. MD 3.2 (ATH).
	15	16	37	19.9%	18 095	N	98.510	W	33	N			1 0	6	CENTRAL MEXICO
	15	16	55	53.8*	34.846	S	70.842	W	113		3.9		0.9	29	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
	15	17	09	24 3?	17.55	N	60.95	W	10	G	3.8		1 0	9	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.5 (TRN).
	15	17	21	41 6*	36.981	S	176.814	E	252	*	3.8		0 8	32	OFF E COAST OF N ISLAND, N.Z.
	15	18	11	20.2?	40.58	N	24.35	E	10	G			0.4	5	AEGEAN SEA
	15	18	46	34.8?	41.98	N	23.01	E	10	G			0 2	8	GREECE-BULGARIA BORDER REGION. ML 2.2 (SKO).
	15	18	53	17.5%	38 304	S	175.480	E	140	G			0.9	20	NORTH ISLAND, NEW ZEALAND
	15	19	24	33 3%	26 821	S	26.775	E	5	G			0 8	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	15	19	27	20.8%	46 259	N	0.797	W	10	G			1.0	9	FRANCE. ML 2.3 (LDG).
	15	20	26	24 7	4.289	N	127.799	E	151	D	5.0		1.1	84	TALAUD ISLANDS, INDONESIA
a	15	20	39	19.9*	54.710	S	131.925	W	10	G	5.1	5.5	1.3	38	PACIFIC-ANTARCTIC RIDGE. Mw 5.7 (HRV). Mo=1.5*10**18 Nm (PPT).
	15	21	00	04.2%	39 282	N	29.328	E	19	*			0 6	10	TURKEY. ML 2 9 (ISK).
	15	21	31	28.1%	39.633	N	27 161	E	10	G			0.4	6	TURKEY. ML 2 8 (ISK).
	15	21	51	06 9*	37.461	N	21 089	E	10	G			1 2	9	SOUTHERN GREECE. MD 3.3 (ATH).
f	15	21	52	25.3	51.374	N	178.669	W	32	G	6.2	6.6	1.1	661	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 6.8 (GS), 6.9 (HRV). ML 6.1 (PMR) Ms 6 3 (BRK). Mo=3.6*10**19 Nm (PPT).

														Felt (V) on Adok ond (IV) on Amchitko. Depth from broodband displacement seismogroms.
	15	22	03	10.7	51.222	N	178.589	W	33	N	5.0		0 8	98 ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR).
	15	22	13	38.5	51.314	N	178.516	W	33	N	5.2		0.9	156 ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	15	22	32	30.0	51.341	N	178.783	W	33	N	5.2		0 9	216 ANDREANOF ISLANDS, ALEUTIAN IS.
	15	23	10	30.2?	45.97	N	14.95	E	10	G			0.0	4 NORTHWESTERN BALKAN REGION
	15	23	42	45.9*	53.722	N	160.649	W	33	N	4.0		0.8	16 SOUTH OF ALASKA
	16	00	09	52.6*	39.277	N	73.737	E	33	N	4.3		1.1	18 TAJIKISTAN-XINJIANG BORDER REG.
	16	00	10	28.7*	1.448	S	100.381	E	62	D	4.8		1.3	48 SOUTHERN SUMATERA, INDONESIA
	16	00	19	31.3	46.846	N	145.531	E	360	D	5.1		0.8	266 SEA OF OKHOTSK
	16	00	24	46.6*	18.473	S	177.935	W	515	*	4.9		1.2	43 FIJI ISLANDS REGION
	16	01	03	45.1%	38.115	N	14.193	E	10	G			1.3	9 SICILY
	16	01	14	31.4?	31.34	S	67.62	W	33	N			1.2	5 SAN JUAN PROVINCE, ARGENTINA
	16	01	25	46.9%	33.753	S	70.779	W	89	?			0.1	9 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	16	01	31	21.6	12.145	N	71.969	W	33	N	4.5		1.3	71 NEAR NORTH COAST OF COLOMBIA. Felt on Aruba.
	16	02	35	41.2?	54.72	N	161.44	E	33	N	4.2		0.7	7 NEAR EAST COAST OF KAMCHATKA
	16	02	39	35.3&	61.944	N	147.455	W	41					49 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	16	02	44	25.3?	40.69	N	22.63	E	10	G			0.3	4 GREECE
	16	03	12	00.8?	13.88	N	92.96	W	33	N	3.9		0.8	8 OFF COAST OF CHIAPAS, MEXICO
	16	03	14	03.3?	36.69	N	27.53	E	10	G			0.5	6 DODECANESE ISLANDS. ML 3.5 (ISK).
	16	03	19	11.0	51.385	N	178.443	W	33	N	5.3	4.5	0.9	272 ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR). Felt (IV) on Adak.
	16	03	30	53.1	37 864	N	113.427	W	5	G			0.9	13 UTAH. ML 3.1 (GS).
	16	03	42	20.2	51.372	N	178.586	W	33	N	5.1		0.9	192 ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	16	03	44	48.8&	36.103	N	117.701	W	1					48 CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	16	03	57	30.0%	44.510	N	7.301	E	5	G			0.5	6 NORTHERN ITALY. ML 1.7 (GEN).
	16	04	14	51.4?	45.24	N	6.27	E	10	G			0.0	4 FRANCE
	16	04	18	02.6%	38.631	S	175.615	E	170	G			0.7	20 NORTH ISLAND, NEW ZEALAND
	16	05	17	15.9	14.951	N	60.558	W	33	N	3.6		1.0	20 WINDWARD ISLANDS. ML 3.5 (FDF). Felt (II) on Mortinique.
	16	05	28	51 0	36.668	N	116.092	W	5	G			0.9	13 CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
	16	05	30	21.2	36.677	N	116.102	W	5	G			0.8	16 CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS).
	16	05	46	33.1%	24.249	S	65.194	W	10	G			1.0	5 SALTA PROVINCE, ARGENTINA
	16	06	34	22.3	14.135	N	92.661	W	35	D	4.8	4.6	1.2	86 NEAR COAST OF CHIAPAS, MEXICO
	16	07	29	29.8%	39.072	N	27.692	E	10	G			0.1	5 TURKEY. ML 2.8 (ISK).
	16	08	05	25.3&	63.814	N	148.456	W	105		3.6			82 CENTRAL ALASKA. <AEIC>.
	16	08	35	27.1?	31.45	S	68.71	W	100	G			0.1	4 SAN JUAN PROVINCE, ARGENTINA
	16	09	05	58.6?	23.10	N	86.98	E	33	N	4.6		1.5	18 SOUTHERN INDIA
	16	09	08	46.9%	39.081	N	27.659	E	10	G			0.6	6 TURKEY. ML 2.8 (ISK).
	16	09	21	59 2%	33.098	S	71.519	W	33	N			0.2	9 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	16	09	25	55.9	14.046	N	92.653	W	33	N	4.5	3.9	1.3	56 NEAR COAST OF CHIAPAS, MEXICO
	16	09	50	21.3*	14.149	N	92.773	W	33	N	4.1		1.3	17 NEAR COAST OF CHIAPAS, MEXICO
	16	10	13	28.0&	33.980	N	116.371	W	5					12 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	16	10	29	33.7?	45 58	N	26.56	E	10	G			0.5	4 ROMANIA
	16	10	46	23 3?	45 56	N	26.53	E	10	G			1.2	5 ROMANIA
	16	11	34	37.4%	27.952	S	26.765	E	5	G			0.6	5 REPUBLIC OF SOUTH AFRICA. ML 1.8 (PRE).
	16	11	50	40.4%	39.260	N	27.693	E	10	G			0.6	7 TURKEY. ML 2.7 (ISK).
	16	11	53	33.0*	23.307	N	143.727	E	33	N	4.6		1.2	33 VOLCANO ISLANDS REGION
	16	12	07	46.3?	14.54	N	92.70	W	33	N	4.3		1.2	16 NEAR COAST OF CHIAPAS, MEXICO
	16	12	14	20 6%	39.060	N	27.752	E	10	G			0.2	6 TURKEY. ML 2 8 (ISK).
	16	12	26	07.7	13.067	S	166.799	E	153	*	5.2		1.3	145 VANUATU ISLANDS
	16	13	25	06.0%	31.337	S	68.496	W	100	G			1.2	7 SAN JUAN PROVINCE, ARGENTINA
	16	13	32	13.8?	17.33	S	167.40	E	33	N			1.0	4 VANUATU ISLANDS
	16	13	46	52.0*	25.966	S	175.805	W	33	N	4.6		0.6	9 SOUTH OF TONGA ISLANDS
	16	13	55	55.5&	36.109	N	117.699	W	3					13 CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.6 (PAS), 2.5 (GS).
	16	14	51	22.0*	24.232	N	122.473	E	33	N	4.1		1.0	8 TAIWAN REGION
	16	14	59	54.9*	4.431	S	80.631	W	85	D	4.6		1.2	26 PERU-ECUADOR BORDER REGION
	16	15	08	33.8	40.091	S	177.032	E	53	*			1.2	39 OFF E. COAST OF N. ISLAND, N.Z.
	16	15	30	19.3&	28.810	N	98.170	W	5	G				6 SOUTHERN TEXAS. <MACRO>. mbLg 3.0 (GS). Felt (IV) ot Jourdanton and (II) at Three Rivers.
	16	15	49	25.7?	13.71	N	93.04	W	33	N	4.0		0.9	6 OFF COAST OF CHIAPAS, MEXICO
a	16	16	09	37.3*	34.325	S	108.941	W	10	G	4.9		1.2	36 SOUTHERN EAST PACIFIC RISE. Mw 5.4 (HRV).
a	16	16	24	44.5	2.097	N	126.552	E	44	D	5.2		1.2	97 NORTHERN MOLUCCA SEA. Mw 5.3 (HRV).
	16	18	02	51.0%	44.391	N	7.341	E	10	G			0.6	5 NORTHERN ITALY. ML 1.6 (GEN).
	16	18	36	00.0?	16.96	N	93.98	W	177	?			0.9	8 CHIAPAS, MEXICO
	16	18	36	49.8*	42.003	N	135.426	E	385	*	4.3		0.9	26 SEA OF JAPAN
	16	19	01	19.7&	35.724	N	116.481	W	6	G				20 CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	16	21	32	54.6*	33.148	S	72.189	W	10	G			0.6	12 OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
f	16	21	44	48.9	15.286	S	173.332	W	21	G	6.1	6.7	1.2	515 TONGA ISLANDS. Mw 6.6 (GS), 6.6 (HRV). Ms 6.8 (BRK). Mo=9.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	16	22	05	51.8*	51.236	N	178.546	W	33	N	4 2		1.1	34 ANDREANOF ISLANDS, ALEUTIAN IS.
	16	22	27	58.6	4.983	S	151 423	E	128	D	4.9		1 2	96 NEW BRITAIN REGION, P.N.G.
	16	22	43	57.1%	39.678	N	15.392	E	10	G			0.2	6 SOUTHERN ITALY
	16	23	02	16.4*	39.190	N	22.776	E	10	G			1 1	9 GREECE
	17	00	03	16 3%	39 581	N	23 499	E	10	G			0 3	6 AEGEAN SEA
	17	00	11	49.5	40.352	N	27.316	E	5	G			0.5	13 TURKEY. ML 3.1 (ISK).
	17	00	47	42 0&	59.816	N	153 301	W	121					35 SOUTHERN ALASKA. <AEIC>.
	17	01	32	15.9&	36.097	N	117.708	W	2					38 CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	17	01	38	12 0*	2.112	S	138 253	E	33	N	4.7		1 3	18 IRIAN JAYA, INDONESIA
	17	01	53	18 2?	31.48	S	68.84	W	95	?			0.1	5 SAN JUAN PROVINCE, ARGENTINA
	17	02	01	39 8*	6.471	S	130.740	E	33	N	4.4		1.1	21 BANDA SEA
a	17	02	08	37.0	11.105	N	124.846	E	33	N	5 5	5.4	1.1	133 LEYTE, PHILIPPINE ISLANDS. Mw 5.7 (HRV).
	17	02	42	18.4?	15.12	S	173.56	W	33	N	4.7		1.4	40 TONGA ISLANDS
	17	02	49	36.5?	17.09	N	101.26	W	33	N			1.0	5 NEAR COAST OF GUERRERO, MEXICO
	17	03	00	16.7&	59.585	N	151.128	W	36					39 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	04	22	30.5%	37.989	N	14.112	E	10	G			0.3	5 SICILY
	17	04	32	42.8	37.561	N	142.569	E	29	D	5.3	5.1	0.9	211 OFF EAST COAST OF HONSHU, JAPAN
	17	04	53	50.5	33.218	S	70 131	W	10	G			0.9	13 CHILE-ARGENTINA BORDER REGION. MD 3 6 (SAN).
	17	04	54	55.4*	31.339	S	68 842	W	10	G			1.6	13 SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	17	05	01	31.0?	19.04	N	66.33	W	33	N			0.3	8 PUERTO RICO REGION

	17	05	35	31.6?	38.60	N	16.12	E	10	G		0.5	4	SOUTHERN ITALY
a	17	06	06	12.9	54.981	N	160.038	W	33	N	5 5 5.3	0.9	382	ALASKA PENINSULA Mw 5.7 (HRV). ML 5.4 (PMR). Ms 5.3 (BRK). Felt (IV) at Chignik, Chignik Lagoon, Perryville and Sand Paint; (III) at Cold Bay, False Pass, Ivanof Bay and King Cove; (II) at Port Heiden.
	17	06	41	47.4*	38.558	N	23.833	E	13			1.4	16	GREECE. MD 3.3 (ATH).
	17	06	43	30.9&	63.185	N	150.678	W	127		4.8		141	CENTRAL ALASKA. <AEIC>. Felt (III) at Cantwell, Lake Minchumina and Skwentna. Felt (II) at Palmer.
	17	07	18	10.1	55.953	N	164.457	E	40	D	4.5	1.1	44	KOMANDORSKY ISLANDS REGION
	17	07	40	30.2*	18.729	S	69.372	W	122	*	4.0	1.2	13	NORTHERN CHILE
	17	07	53	51.2%	39.280	N	22.923	E	10	G		0.8	7	GREECE
	17	08	45	02.6	39.586	N	118.056	W	5	G		0.8	35	NEVADA. ML 3.8 (GS), 4.0 (BRK). Felt (II) at Fallan.
	17	08	53	47.3%	39.097	N	27.676	E	10	G		0.9	5	TURKEY. ML 2.7 (ISK).
	17	09	01	17.3?	36.55	N	71.88	E	150	G	3.9	0.9	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	09	05	48.1*	39.297	N	27.565	E	10	G		0.3	5	TURKEY. ML 2.8 (ISK).
	17	09	20	08.4&	66.218	N	150.219	W	26				14	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	17	09	32	06.7%	44.798	S	167.542	E	80	G		0.7	14	SOUTH ISLAND, NEW ZEALAND
	17	09	50	57.9	35.622	N	112.197	W	10	G		0.4	12	WESTERN ARIZONA. ML 3.0 (GS).
	17	09	55	09.7?	39.62	N	29.42	E	10	G		0.9	4	TURKEY. ML 2.7 (ISK).
	17	09	56	20.3?	39.12	N	27.61	E	10	G		0 4	4	TURKEY. ML 2.8 (ISK).
	17	09	56	57.0%	39.723	N	29.578	E	10	G		0.5	5	TURKEY. ML 2.7 (ISK).
	17	09	58	57.5?	51.49	N	16.26	E	10	G		0.5	8	POLAND. MG 2.8 (WAR).
	17	10	15	24.7%	38.461	S	175.727	E	220			0.4	38	NORTH ISLAND, NEW ZEALAND
	17	10	21	45.5	32.075	N	132.135	E	39	*	3.5	0.4	10	SHIKOKU, JAPAN
	17	10	28	50.4?	15.29	S	173.53	W	136	?	4.4	1.0	24	TONGA ISLANDS
	17	10	54	45.1&	60.030	N	152.018	W	73		2.9		65	SOUTHERN ALASKA. <AEIC>.
	17	11	01	27.3%	26.367	S	27.384	E	5	G		0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	17	11	26	29.3	48.303	N	154.551	E	48	D	5.0	0.9	80	KURIL ISLANDS
	17	11	35	03.0	48.268	N	154.622	E	45	D	4.7	0.8	42	KURIL ISLANDS
	17	11	59	09.3%	39.183	N	27.802	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).
	17	12	00	51.3*	51.284	N	15.820	E	10	G		1.2	10	POLAND. ML 3.2 (GRF), 3.1 (VIE).
	17	12	05	26.0	0 615	S	131.573	E	42	D	5.0 4.3	1.3	39	IRIAN JAYA REGION, INDONESIA
	17	12	42	30.8?	24.36	N	126.53	E	33	N	4.7 4.7	1.2	31	RYUKYU ISLANDS. Felt an Iriomote-jima.
	17	13	18	41.3	78.000	N	126.367	E	10	G	4.4	1.2	24	EAST OF SEVERNAYA ZEMLYA, RUSSIA
	17	13	23	33.9*	49.311	S	121.435	E	10	G	4.8	1.3	25	SOUTH OF AUSTRALIA
	17	13	40	52.7%	26.371	S	27.430	E	5	G		0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	17	15	03	47.1	5.665	S	152.533	E	20	D	4.5	0.8	17	NEW BRITAIN REGION, P.N.G.
	17	15	32	17.2?	44.40	N	12.47	E	10	G		0.5	5	NORTHERN ITALY
	17	15	57	58.0?	6.57	N	72.85	W	183	?		0.2	5	NORTHERN COLOMBIA
f	17	16	02	53.1	5.343	S	151.985	E	17	G	5.7 6.3	1.1	345	NEW BRITAIN REGION, P.N.G. Mw 6.3 (GS), 6.4 (HRV). Ms 6.5 (BRK). Mo=3.6*10**18 Nm (PPT). Felt (I) at Rabaul. Two events about 1.6 secands apart. Depth from broadband displacement seismograms, based an first event.
	17	16	14	20.6	5.250	S	152.083	E	24	D	5.2 5.8	1.1	48	NEW BRITAIN REGION, P.N.G.
	17	17	40	40.3	5.456	S	152.200	E	33	N	4.9	1.1	33	NEW BRITAIN REGION, P.N.G.
	17	17	56	03.8*	32.824	S	71.672	W	10	G		1 1	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	17	18	00	01.0*	15.135	S	173.797	W	33	N	4.7	1 0	36	TONGA ISLANDS
	17	18	42	08.8*	5.440	S	152.626	E	33	N	4.3	0.9	12	NEW BRITAIN REGION, P.N.G.
	17	18	51	33.1&	60.908	N	152.113	W	94				62	SOUTHERN ALASKA. <AEIC>.
	17	19	36	15.9?	30.83	S	68.69	W	33	N		1 6	5	SAN JUAN PROVINCE, ARGENTINA
	17	20	05	34.2*	22.782	S	66.462	W	262	*		1.0	9	JUJUY PROVINCE, ARGENTINA
	17	20	49	30 2*	39.937	N	25.591	E	10	G		1 2	7	AEGEAN SEA
	17	21	06	07.5	39.769	N	20.786	E	10	G		0 8	9	GREECE-ALBANIA BORDER REGION
	17	21	14	42 2*	5.264	S	152.207	E	33	N	5.0	1.1	26	NEW BRITAIN REGION, P.N.G.
	17	21	20	52.6	4.091	N	126.525	E	85	*	4.7	0.7	22	TALAUD ISLANDS, INDONESIA
	17	21	30	34.2?	15.19	S	173.37	W	33	N	4.4	1.2	15	TONGA ISLANDS
	17	21	38	54.3?	28.47	S	176.19	W	81	?	4.3	1.7	9	KERMADEC ISLANDS REGION
	17	22	27	10.7%	42.735	N	18.507	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	17	22	33	51.3%	30.076	S	67.462	W	109	?		0.5	11	SAN JUAN PROVINCE, ARGENTINA
	17	22	56	00.7	16 286	N	60.924	W	33	N		0.2	13	LEEWARD ISLANDS. MD 3.2 (TRN). ML 3.1 (FDF).
	17	23	07	11.6?	15.49	N	93.58	W	105	*	3.7	1.6	7	NEAR COAST OF CHIAPAS, MEXICO
	17	23	17	19.1%	26.362	S	27.472	E	5	G		0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
f	17	23	20	49.2&	37.171	N	117.775	W	7		6 0 6.0		515	CALIFORNIA-NEVADA BORDER REGION. Mw 6.1 (GS), 6.1 (HRV). <GM-P>. MD 6.1 (GM), 6.2 (PAS). ML 6.2 (BRK). Mo=1.0*10**18 Nm (PPT). Minor damage (V) at Independence and Lone Pine, Califarnia. Felt (V) at Big Pine, Bishop, Majave, North Fork and Olancha; (IV) at Benton, Darwin, Inyakern, Lake Isabella, Lemoare, Miramonte, Onyx, Piedra, Reedley, Selma, Sequaia National Park, Strothmare, Three Rivers and Trona, California. Felt (V) at Beatty, Dyer, Goldfield and Tanopah; (IV) at Amargosa Valley, Nevada. Felt throughout a wide area af California and Nevada from the San Froncisco Bay area, Sacramento and Los Angeles, California ta Carson City, Ely and Las Vegas, Nevada. A large rockslide accurred about 7 kilometers east of Eureka Valley Sand Dunes. Depth 9.6 kilometers fram broadband displacement seismograms.
	17	23	21	13.1?	31.38	S	68.57	W	102	?		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	17	23	25	35.7	37.170	N	117.919	W	5	G	4.7	0.9	22	CALIFORNIA-NEVADA BORDER REGION. ML 4.5 (GS). MD 4.4 (PAS), 3.9 (GM). Felt slightly at Beatty, Nevada.
	17	23	36	09.9&	37.145	N	117.780	W	13				84	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 4.9 (BRK). MD 5.1 (PAS).
	17	23	42	05.1&	37.048	N	117.792	W	0				91	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.0 (GM), 4.0 (PAS). ML 4.2 (BRK), 4.0 (GS).
	17	23	51	56.5&	37.151	N	117.711	W	0		4.0		96	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.1 (GM), 4.3 (PAS). ML 4.2 (BRK), 4.1 (GS).
	17	23	54	11.2&	37.180	N	117.952	W	9				23	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.4 (GM), 3.4 (PAS).
	18	00	00	07.7&	37.171	N	117.851	W	9				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM), 3.6 (PAS). ML 4.1 (BRK), 3.4 (GS).
	18	00	09	42.6&	37.132	N	117.752	W	1				44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM),

														3.2 (PAS). ML 3.8 (BRK), 3.2 (GS).
	18	00	13	55.7&	37.118	N	117.808	W	9		3.0		61	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM), 3.2 (PAS). ML 3.8 (BRK), 3.5 (GS).
	18	00	16	54.3*	5.409	S	152.136	E	33	N	5.0	1 2	18	NEW BRITAIN REGION, P N.G.
	18	00	18	12.2&	37.168	N	117.834	W	6				39	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM), 3.7 (PAS). ML 4.0 (BRK), 3.3 (GS).
	18	00	24	43.0&	37.177	N	117.818	W	7				19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
	18	00	51	00.4?	31.34	S	68.36	W	62	?		1.4	5	SAN JUAN PROVINCE, ARGENTINA
	18	00	56	08.9	37.041	N	117.695	W	5	G	3.2	0.7	39	CALIFORNIA-NEVADA BORDER REGION. MD 3.8 (GM), 3.3 (PAS). ML 3.9 (BRK), 3.4 (GS).
	18	01	03	06.4&	37.152	N	117.762	W	3		4.6		154	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.8 (GM), 4.8 (PAS). ML 5.3 (BRK), 4.8 (GS). Felt (V) at Lone Pine, Califarnia. Felt (IV) at Amargasa Valley and Beatty, Nevada. Felt (III) at Big Pine and Bishop, California. Alsa felt (III) at Dyer and Galdfield, Nevada.
	18	01	05	49.7&	63.165	N	150.578	W	126				48	CENTRAL ALASKA. <AEIC>.
	18	01	10	36.4&	37.234	N	117.816	W	1				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM), 3.4 (PAS). ML 3.7 (BRK), 3.2 (GS).
	18	01	14	02 5%	40.007	S	173.059	E	33	N		0.3	15	COOK STRAIT, NEW ZEALAND. ML 4.0 (WEL).
	18	01	22	01.4&	37 193	N	117.723	W	0				42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM), 3.1 (PAS). ML 3.5 (BRK), 2.9 (GS).
	18	01	25	34.2&	37.084	N	117.814	W	5				40	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM), 3.2 (PAS). ML 3.6 (BRK), 3.2 (GS).
	18	01	27	04.6&	37.138	N	117.853	W	0				36	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM), 3.3 (PAS). ML 3.7 (BRK), 3.1 (GS).
	18	01	29	15 0	37.129	N	117.780	W	5	G		0.8	33	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS). Multiple event.
	18	01	38	59.6	5.448	S	152.141	E	33	N	5.5 4.9	1.0	140	NEW BRITAIN REGION, P.N.G.
	18	01	45	16.7	3.902	S	135.421	E	42	D	5.2 4.9	1.0	47	IRIAN JAYA REGION, INDONESIA
	18	01	51	18 1&	37.151	N	117.787	W	0				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM), 3.0 (PAS).
	18	01	57	53.6&	37.228	N	117.838	W	0				25	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM), 3.1 (PAS).
	18	02	19	47.5%	39.604	S	174.068	E	140	G		0.5	19	NORTH ISLAND, NEW ZEALAND
	18	02	24	19.3&	37.115	N	117.850	W	10				26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.7 (GS).
	18	02	27	14.5	37.211	N	117.749	W	5	G		0.5	18	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	18	02	32	29.1	37.262	N	117.761	W	5	G		1.0	33	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
	18	02	38	03.0*	16.038	S	174.652	W	17	D	4.7	1.1	25	TONGA ISLANDS
	18	03	06	43.0%	39.741	N	24.177	E	10	G		1 2	9	AEGEAN SEA
	18	03	07	48.8&	37.076	N	117.819	W	4				52	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM), 3.1 (PAS). ML 3 2 (GS).
	18	03	07	59.5?	5.85	S	146.23	E	33	N	4.0	1.1	5	EASTERN NEW GUINEA REG., P.N.G.
	18	03	16	54.0&	37.126	N	117.846	W	7				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	18	03	51	34.4&	37.143	N	117.824	W	7				52	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GS).
	18	03	52	31.9	37.099	N	117.857	W	5	G		1.0	14	CALIFORNIA-NEVADA BORDER REGION. MD 3.3 (PAS). ML 3.1 (GS).
	18	04	10	28.4&	37.198	N	117.824	W	0				56	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM), 3.0 (PAS). ML 3.5 (BRK), 3 0 (GS).
	18	04	17	50.1&	37 224	N	117.822	W	7				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	18	04	39	05.7	37.250	N	117.761	W	5	G		0 8	29	CALIFORNIA-NEVADA BORDER REGION. MD 3.0 (GM). ML 2.8 (GS).
	18	05	10	47.2&	37.167	N	117.799	W	6		3.1		77	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM), 3.4 (PAS) ML 3.8 (BRK), 3.5 (GS).
o	18	05	13	57.3	5.369	S	152.370	E	33	N	4.9 4.8	1 0	32	NEW BRITAIN REGION, P.N.G. Mw 5.3 (HRV).
	18	05	20	37.7%	33.781	S	70.980	W	66	?		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	18	05	32	37.5%	26.391	S	27.481	E	5	G		0.6	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	18	06	06	30.7*	1.628	N	126.344	E	96	*	5.0	1 2	29	NORTHERN MOLUCCA SEA
	18	06	45	46.0	39.292	N	27.924	E	10	G		0.5	21	TURKEY. ML 3.4 (ISK).
	18	07	03	25.8&	37.061	N	117.725	W	0				20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). Double event.
	18	07	17	54.1	51.046	N	178.625	W	20	D	4.2	0.9	44	ANDREANOF ISLANDS, ALEUTIAN IS.
a	18	08	04	18.9	61.031	N	149.953	W	51	D	5.2	1.0	311	SOUTHERN ALASKA. Mw 5.2 (HRV). ML 5.2 (AEIC), 5.2 (PMR). Felt (V) at Anchorage, Cooper Landing, Eagle River, Fort Richardson, Houston, Palmer and Wasilla; (IV) at Chugiak, Hope, Kasilaf, Kenai, Moose Pass, Seward, Saldotna, Sterling, Willow and in the Kenai Lake area.
	18	08	07	38 0%	32.170	S	68.227	W	10	G		0.9	6	MENDOZA PROVINCE, ARGENTINA
	18	08	11	51.4	40.441	N	21.842	E	10	G		0.5	6	GREECE
	18	08	19	24.8&	37.092	N	117.822	W	6				70	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.8 (GM), 3.8 (PAS). ML 3.7 (BRK), 3.6 (GS).
	18	08	40	41 2?	40.81	N	23.10	E	10	G		0 1	4	GREECE
	18	09	04	43.0&	37.001	N	117.748	W	0				43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
	18	09	20	45.2?	47.88	N	148.62	E	348	?	3.8	1.7	10	NORTHWEST OF KURIL ISLANDS
	18	09	33	13.3	14 393	N	40.221	E	10	G	4.6	1.0	47	ETHIOPIA. MD 5 0 (ARO).
	18	09	45	24.3&	40.350	N	76.020	W	5	G			5	PENNSYLVANIA. <MACRO>. mbLg 2.1 (GS). Felt (IV) at West Lawn. Felt in the Reading area.
	18	09	58	32 6&	38 952	N	123.203	W	6				7	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2 9 (GM).
	18	10	11	47.3&	36.107	N	117.697	W	1				18	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS), 2 8 (GS).
	18	10	12	59.4?	12.45	N	89.51	W	33	N	4.2	1 6	10	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	18	10	15	07.6%	40.828	N	22.978	E	10	G		0 3	5	GREECE
f	18	10	19	33.7	19.914	N	122.450	E	169	G	6.4	1.3	606	PHILIPPINE ISLANDS REGION. Mw 6.8 (GS), 6.7 (HRV). mb 6 6 (BRK). Mo=1.1*10**19 Nm (PPT). Two events about 2.8 seconds apart. Depth fram broadband displacement seismograms, based on second event.
	18	10	28	44.9&	60.052	N	152.880	W	121				48	SOUTHERN ALASKA. <AEIC>.
	18	10	28	59.2&	37.112	N	117.900	W	7				88	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM), 3 6 (PAS). ML 3.8 (BRK), 3.5 (GS)
	18	10	56	15 5&	37.019	N	117.751	W	0		3.5		68	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM),

													3 4 (PAS). ML 3 8 (BRK), 3 5 (GS).
18	11	04	54.7&	37.145	N	117.782	W	0				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM), 3.0 (PAS). ML 2.9 (GS).
18	11	11	58.5%	41.055	N	23.230	E	10	G		0.1	5	GREECE-BULGARIA BORDER REGION
18	11	15	10.4*	6.997	S	154.941	E	33	N	4.9	1.2	33	SOLOMON ISLANDS
18	11	27	22.3%	26.444	S	27.393	E	5	G		0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
18	11	35	36.9&	60.969	N	149.906	W	39				67	KENAI PENINSULA, ALASKA. <AEIC>. ML 3 2 (AEIC), 3.7 (PMR).
18	11	44	25.9	42.761	N	142.025	E	38		4.3	0.9	30	HOKKAIDO, JAPAN REGION
18	11	47	37.6*	50.970	N	158.204	E	33	N	4.4	0.8	16	EAST OF KURIL ISLANDS
18	12	06	32.9	32.598	S	71.718	W	10	G		0.7	19	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
18	12	22	53.5*	32.619	S	71.725	W	10	G		0.8	15	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
18	12	42	47.7?	40.13	N	21.73	E	10	G		0.3	4	GREECE
18	13	05	20.6?	32.30	S	71.87	W	33	N		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
18	13	21	06.1?	13.11	N	89.39	W	55	D	4.3	1.1	21	EL SALVADOR. Felt (III) at San Salvador.
18	13	40	45.0?	42.80	N	13.01	E	10	G		0.7	4	CENTRAL ITALY
18	13	54	13.7%	40.193	S	173.811	E	140	G		1.0	26	COOK STRAIT, NEW ZEALAND
18	14	03	53.0?	4.19	S	150.86	E	33	N	4.4	1.6	8	NEW BRITAIN REGION, P.N.G.
18	14	39	43.2	37 034	N	117.711	W	5	G	3 3	0.9	37	CALIFORNIA-NEVADA BORDER REGION. MD 3.4 (GM), 3.0 (PAS). ML 4.0 (BRK), 3.3 (GS).
18	14	53	13.3&	37.233	N	117.829	W	7				45	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM), 3.1 (PAS). ML 2.8 (GS).
18	15	20	42.6*	32.087	S	70.545	W	100	G		1.3	16	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
18	15	32	24.0	9.836	N	126.475	E	40	D	5.0 4.5	1.1	65	MINDANAO, PHILIPPINE ISLANDS
18	15	54	34.7&	37.185	N	117.760	W	0				41	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM), 3.0 (PAS). ML 3.5 (BRK).
18	16	14	16.4?	23.99	S	179.37	E	500	G	4.5	1.1	15	SOUTH OF FIJI ISLANDS
18	16	46	03.4%	26.318	S	27 619	E	5	G		0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
18	17	09	05.8&	34.290	N	117.481	W	10				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS). Felt (IV) at Phelan; (III) at Cedar Pines Park, Lytle Creek and Rialto; (II) at Highland. Felt as far as Pasadena.
18	17	39	46.7*	3.753	S	135.428	E	33	N	4.8 4.3	0.9	12	IRIAN JAYA REGION, INDONESIA
18	18	01	37.1*	6.055	S	130.020	E	211	*	4.3	0.9	9	BANDA SEA
18	18	49	56.4*	31.211	N	131.532	E	52	*	4.2	1.1	19	KYUSHU, JAPAN
18	18	51	05.8&	59.822	N	152.099	W	67				40	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
18	19	35	12.4	36.328	N	70.724	E	33	N	4.2	1.3	17	HINDU KUSH REGION, AFGHANISTAN
18	19	37	03.0?	34.57	N	137.84	E	33	N	4.2	0.3	5	NEAR S. COAST OF HONSHU, JAPAN
18	20	05	33.1%	40.274	N	21.656	E	10	G		0.8	8	GREECE
18	20	17	33.6&	60.170	N	152.411	W	83		3.1		74	SOUTHERN ALASKA. <AEIC>.
18	20	26	45.3%	45.479	N	26 228	E	75	?		0.5	7	ROMANIA
18	20	35	20.4?	26.30	S	27.60	E	5	G		1.1	4	REPUBLIC OF SOUTH AFRICA
18	20	55	40.9%	44.987	S	167.555	E	163	?		0.3	13	SOUTH ISLAND, NEW ZEALAND
18	20	57	47.9	37.124	N	117.771	W	5	G		1.0	37	CALIFORNIA-NEVADA BORDER REGION. MD 3.1 (GM), 3.0 (PAS) ML 3.5 (BRK), 3.0 (GS).
18	21	04	49.2*	15.320	S	70.844	W	181	*	4.3	1.4	17	SOUTHERN PERU
18	21	38	21.5%	41 757	N	13.601	E	10	G		1.0	6	SOUTHERN ITALY
18	22	25	10.4?	18.51	S	166.78	E	33	N	3.8	1.5	5	VANUATU ISLANDS REGION
18	22	31	07.2*	16.550	N	94.533	E	33	N	3.9	0.7	9	NEAR SOUTH COAST OF MYANMAR
18	22	54	19.3?	16.02	N	95 72	W	33	N	3.8	1.5	7	OAXACA, MEXICO
18	23	10	44.0	40.365	N	25.712	E	10	G		0.9	13	AEGEAN SEA. ML 3 2 (ISK).
18	23	12	47.4%	31 352	S	68.785	W	122	?		0.8	8	SAN JUAN PROVINCE, ARGENTINA
18	23	48	53.9&	37.064	N	117.777	W	3		5.0 4.7		229	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 5.0 (GM), 5.0 (PAS). ML 5 2 (BRK), 4.8 (GS). Felt (V) at Ridgecrest, California and (IV) at Big Pine, Bishop, Lone Pine and Mojave, California. Felt in Fresno, Inyo, Kern, San Bernardino, Tulare and Tuolumne Counties, California.
18	23	52	17.7?	31.14	S	69.24	W	120	G		0.3	6	SAN JUAN PROVINCE, ARGENTINA
18	23	57	40.8	37 084	N	117.746	W	5	G	4.5	0.7	106	CALIFORNIA-NEVADA BORDER REGION. MD 4.4 (GM), 4.3 (PAS). ML 4.7 (BRK), 4.5 (GS). Felt in Inyo and Tuolumne Counties, California.
19	00	12	18.0&	37.114	N	117 867	W	5				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM), 3.0 (PAS).
19	00	53	56.3%	44.509	N	7 273	E	10	G		0.2	6	NORTHERN ITALY. ML 1.9 (GEN).
19	01	07	02.7?	37.26	N	29.11	E	10	G		0.3	5	TURKEY. ML 3.1 (ISK).
19	01	44	02.1?	37.26	N	29 05	E	10	G		0.3	5	TURKEY. ML 2.9 (ISK).
19	01	52	50.4&	35.710	N	90.380	W	5	G			11	ARKANSAS. <SLM-P>. MD 2.7 (SLM). Felt (IV) at Riverdale and (III) at Lepanto.
19	03	07	09.1?	31.24	S	69.07	W	120	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
19	03	17	48.2&	37.137	N	117 783	W	2				55	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.9 (BRK), 3 5 (GS).
19	03	18	57.2	37.122	N	117.715	W	5	G		0.9	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.7 (GS). MD 3.6 (PAS).
19	03	20	58.0&	37.147	N	117 790	W	6		4.4		108	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.4 (GM), 4.3 (PAS). ML 4.8 (BRK), 4.5 (GS).
19	03	46	48.8*	0.660	S	20.526	W	10	G	4.4	1.1	19	CENTRAL MID-ATLANTIC RIDGE
19	03	56	08.4	41.046	N	141.979	E	71		4 6	1.0	31	HOKKAIDO, JAPAN REGION
19	04	03	35.9	26.890	N	54.603	E	33	N	4.5	1.0	44	SOUTHERN IRAN
19	04	09	08.6*	26.805	S	26.722	E	5	G		1.3	10	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
19	04	28	42.6%	31.240	S	68 651	W	115	*		0.7	8	SAN JUAN PROVINCE, ARGENTINA
19	04	42	49.5&	37 150	N	117.805	W	7				44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.0 (GS).
19	05	20	46.0&	58.361	N	152.412	W	35				49	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
19	06	08	51.0*	11 187	S	166.199	E	83	*	4.8	0.9	23	SANTA CRUZ ISLANDS
19	06	13	05.7&	61.281	N	147.008	W	19				46	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
19	06	32	18.5%	43.530	N	11.249	E	10	G		0.2	5	CENTRAL ITALY
19	06	45	48.0?	39.27	N	28.04	E	10	G		0 3	7	TURKEY ML 3.5 (ISK). Felt at Balikesir.
19	07	24	09.9%	60.558	N	2.137	E	10	G		1.0	9	NORTH SEA. MD 2.4 (BER).
19	07	27	29.9?	21.89	S	68.67	W	33	N		1 3	5	CHILE-BOLIVIA BORDER REGION
19	07	29	35.1&	60.972	N	149.942	W	37				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
19	08	04	55.2	31.409	S	69.258	W	130			0 7	21	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
19	08	05	56.4&	34.384	N	116.457	W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).

	19	08 16 35.5?	40.86	N	28.04	E	10	G			1.3	6	TURKEY ML 2 8 (ISK)
	19	08 59 16.6%	40.646	N	23.004	E	5	G			0.3	7	GREECE
	19	09 11 28.8%	30.892	S	68.323	W	33	N			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	19	09 29 08.6%	40.439	N	27.524	E	5	G			0.3	5	TURKEY. ML 2.5 (ISK).
	19	09 38 51.0?	32.98	S	72.65	W	33	N			0 4	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	19	10 06 52.7?	39.57	N	29.89	E	10	G			0 3	4	TURKEY. ML 2.7 (ISK).
	19	11 24 44.5•	62.997	N	148.149	W	10	G			1.1	7	CENTRAL ALASKA. ML 2.9 (PMR), 2.1 (AEIC).
	19	11 28 56.6?	32 92	S	72.77	W	33	N			0.7	13	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	19	11 49 28.2%	16 836	N	95.371	W	120	?			1.0	10	OAXACA, MEXICO
	19	11 55 46.2	30 465	S	178.142	W	23	D	5.5		1.2	101	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) on Raoul Island.
a	19	12 03 28.3	8.347	S	121.992	E	40	D	5.8		1.1	118	FLORES REGION, INDONESIA. Mw 5.6 (HRV). Felt in the Bajawa-Larantuka area. Also felt (II) at Waingapu, Sumba.
	19	12 29 02 3%	44 397	N	7.385	E	10	G			0.5	5	NORTHERN ITALY. ML 1.7 (GEN).
	19	12 34 05.8?	42.38	N	23.97	E	10	G			1.4	8	BULGARIA
	19	13 40 10.7%	39 509	N	29.958	E	30	•			1.3	6	TURKEY. ML 2.8 (ISK).
	19	13 47 09.4&	61.693	N	150.680	W	57					57	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	19	13 47 44.0•	38.106	N	26.873	E	10	G			0.8	11	AEGEAN SEA. ML 3.4 (ISK).
	19	13 59 03 4•	51 209	N	178.064	W	33	N	4.0		1.1	17	ANDREANOF ISLANDS, ALEUTIAN IS.
	19	14 13 22.5&	37.137	N	117.768	W	0		4.9	4.2		206	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.9 (GM), 5.0 (PAS). ML 5.2 (BRK), 4.9 (GS). Felt (IV) at Big Pine, California and (III) at Bishop, Independence, Lone Pine, Mojave and Reedly, California. Also felt at Dyer and Beatty, Nevada.
	19	14 48 30.9&	37.076	N	117.752	W	0					31	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM), 3.0 (PAS). ML 3.5 (BRK).
	19	15 00 16.9	44.844	N	6.776	E	10	G			0.5	13	FRANCE. ML 2.4 (GEN).
	19	15 22 24.6	26.360	S	27.392	E	5	G			0.9	9	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 2.9 (BUL).
	19	15 55 29.3&	59.956	N	152.623	W	104					55	SOUTHERN ALASKA. <AEIC>.
	19	15 58 06.7?	7.97	S	131.91	E	33	N	4.0		1.5	6	TANIMBAR ISLANDS REG., INDONESIA
	19	16 24 50.1&	37.136	N	117.835	W	0					37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM), 3.1 (PAS). ML 3.5 (BRK), 3.1 (GS).
	19	17 00 51.4%	31.458	S	69.412	W	120	G			0.7	9	SAN JUAN PROVINCE, ARGENTINA
	19	17 21 28.5?	41.03	N	23.21	E	10	G			0.8	4	GREECE-BULGARIA BORDER REGION
	19	17 23 31.7	37.922	N	20.200	E	19		3	5	1.3	25	IONIAN SEA
	19	18 23 44.9%	39.229	S	174.835	E	170	G			0.7	29	NORTH ISLAND, NEW ZEALAND
	19	18 54 59.5%	42.172	N	18.894	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2 2 (TTG).
	19	19 01 34.5•	36.053	N	28.401	E	13		3.4		1.4	23	DODECANESE ISLANDS. ML 3.5 (ISK).
	19	19 13 55.8	37.060	N	4.713	W	10	G			1.4	15	SPAIN. mbLg 3.3 (MDD).
	19	20 08 07.6	37.246	N	117.779	W	5	G			0.7	25	CALIFORNIA-NEVADA BORDER REGION. ML 2.7 (GS).
	19	20 17 11.8	39.683	N	23.454	E	10	G			1.2	22	AEGEAN SEA
	19	20 39 57.0?	13.96	N	90.98	W	33	N	4.3		1.1	11	NEAR COAST OF GUATEMALA
	19	20 44 37.8?	50.31	N	19.04	E	10	G			0.7	6	POLAND. ML 3.0 (WAR).
	19	21 29 32.2%	42.056	N	15.712	E	10	G			0.7	5	ADRIATIC SEA
	19	21 47 06.6	12.522	S	166.941	E	156	D	4.8		1.1	49	SANTA CRUZ ISLANDS
	19	21 49 56.2?	38.02	N	14.19	E	5	G			1.6	5	SICILY
	19	21 55 47.7	39.921	N	19.715	E	10	G			1.2	24	GREECE-ALBANIA BORDER REGION. ML 2.6 (TIR).
	19	22 02 57.2	47.248	N	9.259	E	10	G			1.2	12	GERMANY. ML 2.9 (VIE), 2.8 (FUR), 2.6 (LDG).
	19	22 19 03.3?	28.24	S	26.80	E	5	G			1.2	4	REPUBLIC OF SOUTH AFRICA
	19	22 45 33.9	37 162	N	117.730	W	5	G			0.7	11	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	19	22 59 39.2%	40 189	N	16.013	E	10	G			1.1	7	SOUTHERN ITALY
	19	23 10 49.0%	26 340	S	27.452	E	5	G			0.7	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	19	23 34 38 8%	38 064	N	1.169	W	10	G			0 5	7	SPAIN mbLg 3.0 (MDD). Felt (III) in the Molina de Segura area
	20	00 37 31 8	38 925	N	27.836	E	10	G			0.7	9	TURKEY. ML 3.0 (ISK).
	20	01 17 54.5&	37 190	N	117.762	W	2		3.7			73	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.0 (GM), 3.9 (PAS). ML 4.3 (BRK), 4.0 (GS).
	20	01 23 06 0&	37.202	N	117.769	W	1					47	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM), 3 2 (PAS). ML 3.5 (BRK), 3.3 (GS).
	20	01 28 03.1?	35.91	S	179.45	E	117	?	4.7		1.3	19	OFF E. COAST OF N. ISLAND, N.Z.
	20	01 32 48.2?	51 51	N	179.02	W	33	N	3.9		1.1	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	01 50 10.7%	17 192	N	99.918	W	33	N			0.3	5	GUERRERO, MEXICO
	20	01 57 23.9•	45 410	N	151.471	E	33	N	4.7		1.1	44	KURIL ISLANDS
	20	02 04 20.7?	26 32	S	27.51	E	5	G			1.6	4	REPUBLIC OF SOUTH AFRICA
	20	02 04 51.0?	10 81	S	114.66	E	33	N	4.6		1.6	5	SOUTH OF BALI, INDONESIA
	20	03 25 38.6?	8 60	S	157.59	E	81	•	4.9		1.5	23	SOLOMON ISLANDS
	20	03 30 32.9%	32.159	S	69.378	W	120	G			0.4	8	MENDOZA PROVINCE, ARGENTINA
	20	03 39 19.9?	31.54	S	67.90	W	80	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	20	04 42 13.9	23 866	N	142.209	E	33	N	5.0		1.4	52	VOLCANO ISLANDS REGION
a	20	04 55 54.4	13.757	N	90.952	W	31	D	5 1	5.3	1.1	182	NEAR COAST OF GUATEMALA. Mw 5.8 (HRV). Ms 5.3 (BRK). Felt along the Pacific coast of Guatemala and at Guatemala City. Also felt (II) at San Salvador, El Salvador.
	20	06 07 10.1?	31.95	S	69.45	W	120	G			0.3	7	SAN JUAN PROVINCE, ARGENTINA
	20	06 14 03.8	37.198	N	117.780	W	5	G			0.7	26	CALIFORNIA-NEVADA BORDER REGION. MD 3.0 (GM), 2.8 (PAS). ML 2.7 (GS).
	20	06 38 23.2•	4.230	S	152.308	E	33	N	4	4 4.4	1.4	12	NEW BRITAIN REGION, P.N.G.
	20	07 21 32.5?	20.70	S	67.14	W	33	N			1.2	5	SOUTHERN BOLIVIA
	20	07 25 17.6%	37.058	S	176.837	E	200	G			1 0	25	NORTH ISLAND, NEW ZEALAND
	20	08 01 22.8	36.827	N	30.235	E	31				1.1	12	TURKEY. ML 3.5 (ISK), 3.1 (CSS).
	20	08 18 20 2?	39.51	N	23 63	E	10	G			0.4	8	AEGEAN SEA
	20	08 24 50.5•	26.336	S	69.299	W	134	?			1.1	13	NORTHERN CHILE
	20	08 38 17.3%	39.374	N	23 000	E	10	G			0.7	5	AEGEAN SEA
	20	08 44 05.5	28.138	N	130.032	E	24	D	5.0		1.1	76	RYUKYU ISLANDS
	20	08 55 12.8?	40.67	N	22.96	E	5	G			0.8	4	GREECE
	20	09 01 36.2%	42.723	N	13.063	E	10	G			1.2	9	CENTRAL ITALY
	20	09 11 37.5%	39.212	N	27.802	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	20	09 19 53.4&	36.105	N	117.700	W	1					54	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.4 (PAS), 3.4 (GS), 3.7 (BRK).
	20	09 20 36.6&	36.090	N	117.709	W	0					9	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	20	09 24 33.1&	36.117	N	117.696	W	1					39	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS),

														2 9 (GS).
	20	10	28	32.5&	36.097	N	117.701	W	1				17	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	20	10	43	28.1%	40.127	N	24.020	E	5	G		0.3	5	AEGEAN SEA
a	20	11	08	11.2	0.023	S	124.793	E	30	D	5.9	0.9	248	SOUTHERN MOLUCCA SEA. Mw 5.7 (HRV).
	20	11	32	34.3%	44.341	N	7.252	E	10	G		0.4	7	NORTHERN ITALY. ML 1.7 (GEN).
	20	12	47	22.6&	40.463	N	125.233	W	6				28	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK). MD 3 1 (GM).
	20	12	50	00.3%	39.359	N	14.974	E	10	G		0.4	8	TYRRHENIAN SEA
	20	12	55	24.4&	62.145	N	150.555	W	60				52	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PMR).
	20	13	04	48.2?	26.34	S	27.45	E	5	G		1.5	4	REPUBLIC OF SOUTH AFRICA
	20	13	31	54.6%	26.833	S	27.074	E	5	G		1.5	5	REPUBLIC OF SOUTH AFRICA
	20	13	32	56.6%	26.865	S	26.671	E	5	G		0.7	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	20	13	57	07.4	24.336	S	67 031	W	187		4 3	1.2	29	CHILE-ARGENTINA BORDER REGION
	20	14	41	34.9*	1.027	N	123 925	E	296	*	4.3	1.2	14	MINAHASSA PENINSULA, SULAWESI
	20	15	25	36.9?	17.83	N	61.93	W	28	*		0.3	6	LEEWARD ISLANDS. ML 3.3 (FDF). MD 3.2 (TRN).
	20	16	38	15.3%	38.812	N	26 599	E	10	G		0.5	7	AEGEAN SEA. ML 3.2 (ISK).
	20	16	57	27.8	3.804	S	135.351	E	33	N	5 1 4.4	1.0	22	IRIAN JAYA REGION, INDONESIA
	20	17	21	44.3	45 358	N	25 489	E	10	G		1.1	20	ROMANIA
	20	17	31	59.1?	20 12	S	179 28	W	563	*	4.9	1.1	12	FIJI ISLANDS REGION
	20	17	48	34.4%	31.283	S	68.537	W	102	?		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	20	18	46	36.9?	50.30	N	19.20	E	10	G		1.6	4	POLAND. ML 2.6 (WAR).
	20	18	48	36.7*	51.392	N	178.626	W	33	N	4.1	1.0	27	ANDREANOF ISLANDS, ALEUTIAN IS.
	20	18	57	55.2	37.525	N	137.529	E	33	N	4.5	1.0	14	NEAR WEST COAST OF HONSHU, JAPAN
	20	19	58	53.1	27.110	N	54.564	E	33	N	4.7 5.1	1.1	92	SOUTHERN IRAN
	20	20	14	14.5&	36.095	N	117.702	W	1		4.3		84	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 4.6 (PAS), 4.8 (BRK). Felt (III) at Inyokern, California. Also felt at Woffard Heights and in the Ridgecrest area, California.
	20	20	15	32.0	64.838	N	154.856	W	10	G		0.7	12	CENTRAL ALASKA. ML 2.7 (AEIC).
	20	20	32	20.3?	19.75	S	177.63	W	33	N	5.0 4.3	0.7	17	FIJI ISLANDS REGION
	20	20	34	46.4&	36.098	N	117.702	W	1				51	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.4 (PAS), 3.7 (BRK), 3.2 (GS). Multiple event.
	20	20	52	13.5	40.339	N	25.804	E	10	G		0.7	10	AEGEAN SEA. ML 3.1 (ISK).
	20	21	14	19.7&	36.085	N	117.708	W	1				60	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.8 (BRK).
	20	21	15	20.0?	43.26	N	20.88	E	10	G		0.9	14	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	20	21	20	55.9*	43.217	N	20 626	E	5	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	20	22	43	33.0*	72.186	N	0.362	E	10	G	3.8	1.1	9	NORWEGIAN SEA
	20	23	10	06.5?	45.58	N	25.18	E	10	G		1.5	7	ROMANIA
	20	23	49	25.5	43.284	N	0.605	W	10	G		1.0	29	PYRENEES. ML 3.1 (LDG). mbLg 2.9 (MDD).
	21	01	07	39.6*	31.461	N	138.377	E	394	*	4.0	0.7	19	SOUTH OF HONSHU, JAPAN
	21	01	08	20.7	37.191	N	117.800	W	5	G		0.9	20	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	21	01	24	49.9&	36.103	N	117.698	W	1				49	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.6 (BRK), 3.3 (GS).
	21	01	28	26 6&	59.740	N	152.588	W	88		2.3		38	SOUTHERN ALASKA. <AEIC>.
	21	01	29	57.7	46.449	N	12.385	E	7			0.9	12	NORTHERN ITALY. ML 2.0 (VIE).
	21	02	02	54.9?	21.25	S	169.69	E	72	?	4.5	0.8	10	LOYALTY ISLANDS REGION
o	21	02	36	39.5	35.993	N	139.694	E	74		5.2	0.9	285	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Felt strongly in the Tokyo area.
	21	02	37	33.9%	36 840	N	4 982	W	10	G		0.7	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	21	02	50	07.4?	15.95	N	60 08	W	10	G		0.5	7	LEEWARD ISLANDS. ML 3.0 (FDF).
	21	03	12	27.6	36.001	N	70.404	E	136	D	4.5	0.8	48	HINDU KUSH REGION, AFGHANISTAN
	21	03	31	14 0%	31.108	S	68.244	W	103	?		0.1	6	SAN JUAN PROVINCE, ARGENTINA
	21	04	01	54.4?	31.41	S	69.50	W	130	G		0 2	6	SAN JUAN PROVINCE, ARGENTINA
	21	04	11	19.8&	36.097	N	117.710	W	2				33	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	21	04	57	16.2&	37 093	N	117.819	W	6				42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM), 3.1 (PAS). ML 3.3 (GS).
	21	05	18	26.2?	41.19	N	24.66	E	10	G		0.2	5	GREECE-BULGARIA BORDER REGION
	21	05	54	09.9?	43.33	N	19.89	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
o	21	06	12	11.8	51.897	N	176.563	W	61	D	5.3	1.1	230	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.3 (HRV). mb 5.3 (BRK).
	21	06	30	47.8?	10.07	N	59.76	W	10	G		0.8	5	NORTH ATLANTIC OCEAN. MD 3.6 (TRN).
	21	07	21	44.0	37.260	N	117.737	W	5	G		1.1	20	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	21	07	32	39.0%	15.768	N	60.857	W	33	N		0.7	10	LEEWARD ISLANDS. ML 2.8 (FDF).
	21	07	41	38.2*	41.407	N	23.111	E	10	G		0.7	7	GREECE-BULGARIA BORDER REGION. ML 1.3 (SKO).
	21	07	44	21.7&	36.091	N	117.705	W	1				14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	21	08	22	51.2*	19.724	S	177.741	W	598	*	4.6	1.1	17	FIJI ISLANDS REGION
	21	08	34	04.6?	10.64	N	86.51	W	33	N	4.5	1.1	25	OFF COAST OF COSTA RICA
	21	08	47	42.2	37.145	N	117.748	W	5	G		0.9	27	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	21	08	47	56.3?	40.59	N	22.89	E	10	G		0.0	4	GREECE
	21	08	59	15.9&	36.098	N	117.706	W	2				44	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.5 (BRK), 3.2 (GS).
	21	09	01	17.7	39.776	N	28.956	E	15		3.8	1.0	46	TURKEY. ML 4.2 (ISK). Felt in the Burso area and at Istanbul.
	21	10	02	41.2?	31.65	S	68 13	W	102	?		0.7	7	SAN JUAN PROVINCE, ARGENTINA
	21	10	12	57.6*	28.653	S	70.162	W	148	?		1.1	10	CENTRAL CHILE
	21	10	35	49.1?	42.07	N	24.80	E	10	G		0.9	6	BULGARIA
	21	10	53	02.4?	7.02	S	130 66	E	165	?	4.1	1 2	5	TANIMBAR ISLANDS REG., INDONESIA
	21	11	03	04.3%	41.078	N	23.666	E	10	G		0 3	5	GREECE-BULGARIA BORDER REGION
	21	11	43	14.0?	39.13	N	27 54	E	10	G		0.2	4	TURKEY. ML 2.7 (ISK).
	21	11	55	17.2?	39.46	N	22.74	E	10	G		1 0	4	GREECE
	21	12	27	39.4?	38.53	N	20.30	E	10	G		0.5	7	GREECE
	21	12	32	27.8?	21.56	S	173.91	W	33	N	4.5	1.4	10	TONGA ISLANDS
	21	12	35	40.8?	43.02	N	23.81	E	10	G		0.3	7	BULGARIA
	21	12	41	13.6?	41.48	N	23.10	E	10	G		0.5	5	GREECE-BULGARIA BORDER REGION
	21	13	42	56.7*	24.362	S	67 062	W	202	*	4.1	1.2	12	CHILE-ARGENTINA BORDER REGION
	21	13	53	30.3%	44.298	N	7 833	E	10	G		0.2	7	NORTHERN ITALY. ML 2.0 (LDG).
	21	16	26	23.1&	62 896	N	150.551	W	94				59	CENTRAL ALASKA. <AEIC>.
	21	16	28	22.9?	28.25	S	68 95	W	120	G		0.7	8	LA RIOJA PROVINCE, ARGENTINA
	21	16	47	06.0	39.796	N	28 947	E	10	G		0.4	13	TURKEY ML 3.0 (ISK).

	21	17 11 09.2&	66.883	N	147.330	W	10	G			11	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	21	17 48 12.0&	36.103	N	117.696	W	1				33	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	21	18 26 47.6*	31.294	S	68.344	W	104	?		0.6	7	SAN JUAN PROVINCE, ARGENTINA
	21	18 57 17.2	38.501	N	74.841	E	33	N	4.1	1.0	13	TAJIKISTAN-XINJIANG BORDER REG.
	21	19 01 03.6	38.095	N	14.193	E	10	G		1.1	13	SICILY. MD 2.8 (ROM).
	21	19 09 21.8	44.117	N	7.833	E	10	G		0.3	16	NORTHERN ITALY. ML 2.4 (LDG), 2.4 (GEN).
	21	19 12 15.0&	37.163	N	117.728	W	2				44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.6 (BRK), 3.0 (GS).
	21	21 18 10.2*	29.460	N	142.703	E	33	N	4.2	1.2	15	SOUTH OF HONSHU, JAPAN
	21	22 04 13.1*	12.820	N	144.205	E	10	G	4.3	0.7	6	SOUTH OF MARIANA ISLANDS
	21	22 38 04.3&	34.622	N	116.669	W	7				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.5 (GS).
	21	23 00 53.8?	19.80	S	67.68	W	230	G		0.4	5	SOUTHERN BOLIVIA
	21	23 49 32.2?	42.90	N	0.93	W	10	G		1.0	4	PYRENEES. mbLg 3.0 (MDD).
	22	00 18 15.3&	59.819	N	153.461	W	136				45	SOUTHERN ALASKA. <AEIC>.
	22	00 51 38.3*	7.768	S	104.443	E	33	N	4.9	0.7	16	SOUTHWEST OF SUMATERA, INDONESIA
	22	01 06 10.7?	52.48	N	169.95	W	33	N	4.5	0.4	7	FOX ISLANDS, ALEUTIAN ISLANDS
	22	01 27 21.2	32.097	S	68.293	W	128		4.1	0.9	27	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (SAN).
	22	02 00 41.1%	28.136	S	26.934	E	5	G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	22	02 41 29.2%	38.649	N	15.490	E	33	N		1.1	5	SICILY
	22	03 03 08.5*	37.318	N	19.777	E	33	N		1.3	17	IONIAN SEA. MD 3.1 (ATH).
	22	03 11 37.1?	47.41	S	104.24	W	10	G	5.0 5.3	1.1	15	SOUTHERN PACIFIC OCEAN
	22	04 19 20.0*	43.513	N	11.329	E	10	G		1.2	8	CENTRAL ITALY
	22	04 28 34.0*	36.545	N	71.179	E	103	?	4.4	1.2	13	AFGHANISTAN-TAJIKISTAN BORD REG.
	22	04 51 06.2	13.551	N	91.234	W	48		4.4	1.2	44	NEAR COAST OF GUATEMALA. Felt (II) at Ahuachapan, El Salvador.
	22	04 54 58.6&	59.912	N	153.346	W	129				69	SOUTHERN ALASKA. <AEIC>.
a	22	04 58 12.3*	3.856	S	146.176	E	94	?	5.1	1.1	13	BISMARCK SEA. Mw 5.3 (HRV).
	22	05 04 42.5	41.448	N	23.144	E	10	G		0.4	13	GREECE-BULGARIA BORDER REGION. ML 2.7 (SKO).
	22	05 07 52.4	37.062	N	117.695	W	5	G		0.9	27	CALIFORNIA-NEVADA BORDER REGION. ML 3.5 (BRK), 2.9 (GS).
	22	05 34 40.0&	34.245	N	116.432	W	6	G			5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.4 (PAS). Felt.
	22	05 57 04.9&	60.248	N	151.913	W	70				41	KENAI PENINSULA, ALASKA. <AEIC>.
	22	07 04 43.2	39.697	N	20.096	E	11		3.8	1.4	68	GREECE-ALBANIA BORDER REGION. ML 3.8 (TTG), 3.7 (TIR). MD 3.5 (ATH).
	22	07 39 14.6%	39.215	N	27.717	E	10	G		0.2	5	TURKEY. ML 2.7 (ISK).
	22	07 58 52.0?	39.55	N	29.57	E	10	G		0.1	4	TURKEY. ML 2.5 (ISK).
	22	08 23 51.5?	38.83	N	26.39	E	10	G		0.7	5	AEGEAN SEA. ML 2.8 (ISK).
	22	09 48 07.4	30.501	S	179.175	W	222		5.0	1.0	44	KERMADEC ISLANDS REGION
	22	10 06 39.9%	39.987	N	28.100	E	10	G		0.3	6	TURKEY. ML 2.7 (ISK).
	22	10 29 54.7?	10.86	N	62.21	W	80	G		0.1	5	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
	22	10 48 01 6%	39.161	N	27.532	E	10	G		0.2	5	TURKEY. ML 2.8 (ISK).
	22	11 15 21.6%	39.193	N	29.103	E	10	G		0.8	6	TURKEY. ML 2.7 (ISK).
	22	11 16 29 0%	39.275	N	29.130	E	10	G		0.8	8	TURKEY. ML 3.1 (ISK).
	22	11 34 36.2?	39.27	N	29.22	E	10	G		0.6	4	TURKEY. ML 2.6 (ISK).
	22	12 02 07.0?	40.57	N	23.87	E	10	G		0.5	4	GREECE
	22	12 17 05.7%	39.120	N	27.600	E	10	G		0.2	5	TURKEY ML 2.7 (ISK).
	22	12 52 40.6%	26.350	S	27.468	E	5	G		0.9	9	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	22	13 25 00.6&	36.086	N	117.705	W	1				36	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	22	13 35 10.2&	36.105	N	117 699	W	1				12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS), 2.5 (GS).
	22	13 35 21.8	54.843	N	159.801	W	33	N	4.3	0.7	27	SOUTH OF ALASKA. ML 4.3 (PMR).
	22	13 43 25.9*	5.466	S	128,897	E	33	N	5.1	1.1	26	BANDA SEA
a	22	13 53 00 2	55 980	S	27.477	W	113	*	5.3	0.9	65	SOUTH SANDWICH ISLANDS REGION. Mw 5.4 (HRV).
	22	14 13 18 8?	2.10	S	102.32	E	200	?	4.7	0.8	10	SOUTHERN SUMATERA, INDONESIA
	22	14 31 50.0?	41.12	N	28.51	E	10	G		1.0	4	TURKEY. ML 2.8 (ISK).
	22	14 41 40.0*	5.546	S	128.850	E	33	N	4.2	0.9	10	BANDA SEA
	22	14 56 49.2?	26.42	S	27.36	E	5	G		1.5	4	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	22	15 02 19.5*	21.500	S	68.794	W	33	N		0.8	5	CHILE-BOLIVIA BORDER REGION
	22	15 30 38.6*	37.082	N	72.138	E	33	N	3.7	0.7	7	TAJIKISTAN
	22	15 34 41.8	37.162	N	117.742	W	5	G		0.7	22	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
	22	15 44 29.7?	56.65	N	157.91	W	33	N		1.5	5	ALASKA PENINSULA. ML 3.7 (AEIC).
	22	16 13 56.2*	51.815	N	171.836	W	33	N	4.4 4.3	1.0	32	FOX ISLANDS, ALEUTIAN ISLANDS
	22	16 30 08.9*	37.303	N	28.420	E	10	G		0.4	6	TURKEY. ML 3.1 (ISK).
	22	17 22 41.9*	25.244	S	179.966	E	520	?	4.4	0.8	14	SOUTH OF FIJI ISLANDS
	22	18 25 37.9	38.022	N	20.984	E	10	G	3.7	1.1	43	GREECE. MD 3.4 (ATH).
	22	19 02 44.8%	39.203	N	27.847	E	10	G		0.6	8	TURKEY. ML 2.8 (ISK).
	22	19 09 31.9%	44.360	N	7.983	E	10	G		0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
	22	19 37 36.8?	30.96	S	69.17	W	120	G		0.2	7	CHILE-ARGENTINA BORDER REGION
	22	19 46 07.3	27.504	N	140.142	E	451	*	4.5	0.6	29	BONIN ISLANDS REGION
	22	20 26 10.6%	44.558	N	6.836	E	10	G		0.4	11	FRANCE. ML 2.2 (GEN).
	22	21 03 52.1?	26.39	S	27.49	E	5	G		1.3	4	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	22	21 21 09.3?	39.71	N	27.60	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
	22	21 25 33 4%	40.816	N	27.890	E	10	G		0.5	6	TURKEY. ML 2.7 (ISK).
	22	21 48 01.3?	43.33	N	11.24	E	10	G		0.3	4	CENTRAL ITALY
	22	22 27 56 1%	26.365	S	27.600	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	22	22 43 34.6?	31.13	S	69.00	W	120	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	22	22 51 44.9%	15.763	N	60.879	W	30			0.3	9	LEEWARD ISLANDS. ML 2.9 (FDF).
	22	22 55 45.4?	12.77	N	88.84	W	33	N		0.1	5	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	22	22 56 15 4*	35.529	S	70.824	W	33	N		1.1	18	CHILE-ARGENTINA BORDER REGION
	22	22 56 32.3&	33 950	N	116.627	W	15				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	22	22 57 23 1%	40.649	N	27.508	E	10	G		0.6	10	TURKEY. ML 3.1 (ISK).
	22	23 07 06 6%	28.014	S	26.742	E	5	G		1.4	10	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	23	00 06 46.7&	59.827	N	153.473	W	114				41	SOUTHERN ALASKA. <AEIC>.
	23	00 31 33 0%	26.362	S	27.461	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
a	23	01 44 39.6	9.087	N	85.552	W	33	N	4 8 4.7	1 0	104	OFF COAST OF COSTA RICA. Mw 5.3 (HRV).
	23	01 57 17.5?	52.32	N	172.08	E	33	N	4.1	0.8	5	NEAR ISLANDS, ALEUTIAN ISLANDS
	23	02 58 12.8?	30.87	S	69.16	W	120	G		0.5	4	CHILE-ARGENTINA BORDER REGION
	23	03 20 15 3?	31.38	S	69.35	W	120	G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
	23	03 39 01 3	31.789	S	67.773	W	10	G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	23	04 38 12.3%	26.841	S	26.785	E	5	G		0.9	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).

	23	04 42 40.2%	39.539	N	23.054	E	10	G			0 4	8	AEGEAN SEA
	23	04 57 51.3%	37.769	N	30.528	E	10	G			0.5	5	TURKEY. ML 3.2 (ISK).
	23	05 06 17.5?	28.00	S	26.76	E	5	G			1.0	4	REPUBLIC OF SOUTH AFRICA
	23	05 18 21.9*	13.715	N	122.281	E	10	G	4.1		1.8	5	LUZON, PHILIPPINE ISLANDS
	23	06 01 57.2&	37.158	N	117.815	W	3					32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM), 3.0 (PAS).
	23	06 05 21.6&	37.138	N	117.790	W	0					28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM), 3.0 (PAS). ML 2.8 (GS).
	23	06 11 03.5&	37.241	N	117.826	W	4					35	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.1 (GM), 3.0 (PAS). ML 2.8 (GS).
a	23	06 59 54.1	16.171	S	167.914	E	178	D	5.4		1.0	307	VANUATU ISLANDS. Mw 5.7 (HRV).
	23	07 34 05.6	6.717	N	72.975	W	168		4.9		0.8	131	NORTHERN COLOMBIA
	23	07 40 56.9	35.357	N	2.502	W	27		5.4	4.8	1.1	346	STRAIT OF GIBRALTAR. MD 5.2 (RBA). Felt (V) at Melilla, North Africa. Also felt at Ain Temouchent, Ghazaouet, Medroma and Tlemcen, Algeria; at Nador, Saidia, Oujda and Berkane, Morocco; and in the Almeria-Malaga area, Spain.
	23	07 40 58.0	40.102	N	20.666	E	13		4.1	4.6	1.2	85	GREECE-ALBANIA BORDER REGION. ML 4.1 (ATH), 4.0 (TIR).
	23	08 09 29.1%	39.175	N	27.543	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	23	08 16 30.2&	19.723	N	156.134	W	44		4.0			7	HAWAII. <HVO-P>. MD 4.0 (HVO). Felt at Glenwood, Kailua-Kona, Kahala and Waimea, Hawaii. Also felt on Maui and in the eastern part of Oahu.
	23	08 21 48.0%	44.788	N	6.530	E	0	G			0.6	7	FRANCE. ML 1.8 (GEN).
	23	08 44 35.0?	34.93	N	2.45	W	10	G			0.7	6	MOROCCO. mbLg 2.8 (MDD).
	23	08 55 47.7%	39.252	N	27.722	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	23	08 58 23.6%	17.893	N	67.029	W	10	G			0.2	5	MONA PASSAGE
	23	09 07 54.6%	39.683	N	29.418	E	10	G			1.2	5	TURKEY. ML 2 6 (ISK).
	23	09 09 07.8%	39.130	N	27.613	E	10	G			0.5	6	TURKEY. ML 2.7 (ISK).
	23	09 09 23.8?	31.42	S	69.35	W	110	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	23	09 18 32.7%	40.810	N	27.876	E	10	G			1.0	5	TURKEY. ML 2 7 (ISK).
	23	09 26 35.3%	40.167	N	29.446	E	10	G			0.6	8	TURKEY. ML 2.7 (ISK).
	23	09 58 31.4	35.341	N	2.381	W	10	G	3.7		1.0	55	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	23	10 02 34.4%	35.363	N	2.205	W	10	G			0.8	7	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	23	10 25 39.1?	39.15	N	27.51	E	10	G			0.0	4	TURKEY. ML 2.7 (ISK).
	23	10 30 10.1&	38.802	N	122.773	W	2					64	NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.6 (BRK), 3.5 (GS).
	23	10 34 55.7%	18.616	N	120.318	E	10	G			1.1	5	LUZON, PHILIPPINE ISLANDS
	23	10 54 40.2?	40.03	N	24.06	E	10	G			0.6	5	AEGEAN SEA
	23	11 04 05.7	40.096	N	20.672	E	23		3.1		1.2	34	GREECE-ALBANIA BORDER REGION. ML 3.4 (TIR). MD 3.3 (ATH).
	23	11 17 00.7	35.149	N	2 339	W	26				1.1	15	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	23	12 06 13.2&	34 501	N	116.512	W	5					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt.
	23	12 25 08.3&	34.248	N	116.429	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	12 36 11.3*	16 045	S	174.353	W	141	?	4.8		1.0	41	TONGA ISLANDS
	23	12 42 31.5	37.491	N	137.458	E	41		4.7		0.9	49	NEAR WEST COAST OF HONSHU, JAPAN
	23	13 47 31.2?	15.67	N	59.98	W	23				0.3	8	LEEWARD ISLANDS
	23	14 35 07.1*	40.031	N	24.095	E	10	G			0.7	11	AEGEAN SEA
	23	15 06 38.1*	39.277	N	74.121	E	33	N	4.5		1.4	12	SOUTHERN XINJIANG, CHINA
	23	15 15 36.8	51.072	N	178.267	W	33	N	4 6		0.8	32	ANDREANOF ISLANDS, ALEUTIAN IS.
	23	15 49 27.6%	44.392	N	6 865	E	10	G			0.3	11	FRANCE ML 2.1 (GEN).
	23	16 18 30.7	46.564	N	153.267	E	21	D	5 1 4	9	1 0	208	KURIL ISLANDS
	23	16 49 16.6	10.674	S	166.336	E	33	N	4.9		1.2	35	SANTA CRUZ ISLANDS
	23	16 55 32.3*	26.749	S	71 424	W	93	?			1.0	15	OFF COAST OF NORTHERN CHILE
	23	17 19 23.6	45.365	N	25 512	E	22		4.7		1 2	202	ROMANIA. ML 4.7 (TTG).
	23	17 41 00.2?	31.06	S	69 32	W	117	?			0.1	6	SAN JUAN PROVINCE, ARGENTINA
	23	18 44 29.5	40.809	N	72.551	E	33	N	4.4		1.4	23	KYRGYZSTAN
	23	19 12 54.2%	26.357	S	27.473	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	23	19 24 14.4	45.332	N	25.383	E	24		2.8		1 2	24	ROMANIA
	23	19 52 21.5	15.316	S	173 448	W	33	N	5 0	4.6	1.2	65	TONGA ISLANDS
	23	20 01 54.8%	47.096	N	0.031	E	10	G			1.0	8	FRANCE. ML 2.0 (LDG).
	23	20 28 04.9?	45.70	N	154.42	E	33	N	4.4		1.2	10	EAST OF KURIL ISLANDS
	23	21 50 16.5?	48.35	N	7 71	E	10	G			1.1	4	FRANCE. ML 1.5 (LDG).
	23	22 07 11.9%	41.391	N	23.106	E	10	G			0.7	7	GREECE-BULGARIA BORDER REGION
	23	23 03 50.9*	35.299	N	2.349	W	10	G			1.0	24	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	23	23 39 17.2*	35.393	N	2.352	W	8				1.3	19	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	23	23 57 48.4	31.527	N	98.637	E	33	N	4.7		1.4	28	XIZANG
	24	00 05 58.1*	35.518	N	2.891	W	10	G			0.1	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	24	00 14 52.8?	20.77	S	179.37	W	653	?	4.9		1.0	12	FIJI ISLANDS REGION
	24	00 25 29.4?	41.38	N	23.04	E	10	G			0.6	5	GREECE-BULGARIA BORDER REGION
	24	00 48 18.3%	44.340	N	7.348	E	10	G			0.5	7	NORTHERN ITALY. ML 1.7 (GEN).
	24	01 49 22.8%	38.007	N	14.198	E	10	G			1.5	5	SICILY
	24	01 53 00.9	31.691	S	69.531	W	121				1.0	31	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	24	02 55 51.1?	35.47	S	70.70	W	5	G			0.9	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	24	03 18 08.7?	42.87	N	12.83	E	10	G			1.0	4	CENTRAL ITALY
	24	03 34 40.6	31.311	S	70.402	W	143	*			0.4	17	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	24	03 49 03.6	41.374	N	20.806	E	10	G			1.4	8	ALBANIA. ML 2.4 (SKO).
	24	03 53 15.9?	21.85	S	68.28	W	130	G			1.0	7	CHILE-BOLIVIA BORDER REGION
	24	04 36 02.3?	31.15	S	68.66	W	100	G			0 0	4	SAN JUAN PROVINCE, ARGENTINA
	24	05 02 28.7	28.835	N	96.082	E	33	N	5.0	4.6	0.8	81	EASTERN XIZANG-INDIA BORDER REG.
	24	05 02 36.2?	31.64	S	69 50	W	100	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	24	05 25 32.1%	39.720	N	27.823	E	10	G			0.5	7	TURKEY. ML 2.8 (ISK).
	24	05 34 52.7?	31.43	S	68.11	W	100	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	24	06 40 04.2	13.948	N	120.705	E	197	D	4.9		0.9	110	MINDORO, PHILIPPINE ISLANDS
	24	06 54 28.3*	32.876	S	71 633	W	33	N			0.9	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	24	07 52 18.5%	40.638	N	27 545	E	10	G			0.5	7	TURKEY. ML 2.8 (ISK).
	24	08 23 29.2%	38.686	N	27 754	E	10	G			0.5	5	TURKEY. ML 2.7 (ISK).
	24	08 28 00.6%	39.131	N	27.518	E	10	G			0.3	6	TURKEY. ML 2.8 (ISK).
	24	08 33 04.7%	39.083	N	27.587	E	10	G			0.6	7	TURKEY. ML 2.7 (ISK).
	24	09 11 02.9*	2.737	N	74.539	W	62	*			1.1	12	COLOMBIA
	24	09 34 47.0*	35.254	N	33.829	E	10	G	3.4		0.8	5	CYPRUS REGION. ML 3 6 (CSS).

	24	09 42 08.3?	39.46	N	29.60	E	10	G			0.8	4	TURKEY. ML 2.6 (ISK).
	24	09 46 27.5?	41.67	N	27.46	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).
	24	09 50 32.1	35.262	N	2.520	W	24				1.0	20	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	24	10 06 02.4&	34.122	N	116.398	W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
	24	10 09 54.8?	31.01	S	69.57	W	33	N			1.2	4	SAN JUAN PROVINCE, ARGENTINA
	24	11 06 41.7%	37.744	N	14.992	E	5	G			0.8	7	SICILY
	24	11 08 50.3%	39.241	N	27.726	E	10	G			0.5	5	TURKEY. ML 2.7 (ISK).
	24	11 10 46.5?	37.92	N	14.98	E	10	G			0.1	4	SICILY
	24	11 10 56.9	1.511	S	77.315	W	201	D	4.8		0.9	196	ECUADOR
	24	11 11 09.6%	42.853	N	12.953	E	10	G			1.1	8	CENTRAL ITALY
	24	11 40 25.7?	39.51	N	29.64	E	10	G			0.2	5	TURKEY. ML 2.6 (ISK).
	24	11 46 28.4%	43.250	N	19.824	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	24	11 50 16.4%	37.792	N	15.017	E	11				0.9	12	SICILY
	24	11 52 15.1%	37.970	N	14.935	E	10	G			0.5	5	SICILY
	24	11 55 41.3	1.100	S	127.577	E	42		5.1		1.0	65	HALMAHERA, INDONESIA
	24	11 59 06.5%	37.861	N	14.987	E	10	G			1.2	6	SICILY
	24	12 18 12.4	34.891	N	140.805	E	33	N	4.5		1.1	21	NEAR EAST COAST OF HONSHU, JAPAN
	24	12 23 52.6%	39.137	N	27.599	E	10	G			0.1	5	TURKEY. ML 2.9 (ISK).
	24	13 22 19.0%	37.790	N	15.014	E	10	G			1.0	7	SICILY
	24	13 27 03.1%	37.780	N	15.018	E	10	G			0.9	12	SICILY
	24	13 28 22.7%	37.816	N	14.999	E	12				0.9	11	SICILY
	24	13 42 03.7	43.388	N	0.700	W	31				0.8	27	PYRENEES. ML 3.3 (LDG). mbLg 3.0 (MDD). Felt (III) in the Lacq Oilfield area, France.
	24	13 47 17.4?	39.66	N	29.50	E	10	G			0.5	4	TURKEY. ML 2.6 (ISK).
	24	14 05 50.2%	40.495	N	23.060	E	10	G			0.3	7	GREECE
	24	14 11 20.1?	39.49	N	29.54	E	10	G			1.1	4	TURKEY. ML 2.6 (ISK).
	24	14 14 32.1	41.842	N	22.864	E	10	G			0.7	18	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO).
	24	14 16 47.0?	31.05	S	68.54	W	99	?			0.8	5	SAN JUAN PROVINCE, ARGENTINA
	24	14 36 29.0%	37.751	N	15.017	E	10	G			0.6	7	SICILY
	24	15 18 13.9?	26.08	S	28.48	E	5	G			0.7	4	REPUBLIC OF SOUTH AFRICA
	24	15 36 52.4%	41.132	N	28.489	E	10	G			0.4	8	TURKEY. ML 2.7 (ISK).
	24	15 46 57.4&	34.936	N	116.904	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2 8 (PAS).
	24	16 27 48.2&	34.031	N	116.327	W	7					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS). Felt at White Water.
	24	19 07 14.2	51.640	N	171.730	W	33	N	4.8 4 3		0.9	62	FOX ISLANDS, ALEUTIAN ISLANDS
	24	19 38 04.7%	26.222	S	28.208	E	5	G			0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	24	19 46 32.3?	31.30	S	68.64	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	24	19 51 31.5&	40.455	N	125.390	W	5					24	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). MD 3.3 (GM).
	24	20 52 46.1?	37.07	N	5.68	W	10	G			0.2	4	SPAIN. mbLg 2.8 (MDD).
	24	21 25 02.1?	33.07	S	70.03	W	120	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	21 47 21.7*	29.128	N	32.436	E	10	G			0.5	10	EGYPT. MD 3.4 (HLW).
	24	23 10 29.2*	36.592	N	7.450	W	10	G			1.1	6	STRAIT OF GIBRALTAR
	24	23 47 43 4?	16.41	S	173.83	W	33	N	4.6		1.2	14	TONGA ISLANDS
a	24	23 51 20 8	23.238	S	66.631	W	221	G	6.2		1.0	565	JUJUY PROVINCE, ARGENTINA. Foreshack. Depth from broadband displacement seismograms.
f	24	23 51 28.2?	22.67	S	66 54	W	221	G	6.6		0.8	37	JUJUY PROVINCE, ARGENTINA. Mw 7.0 (GS), 7.0 (HRV). mb 6.6 (BRK). Mo=7.1*10**19 Nm (PPT). Felt in Jujuy, Salta and Tucuman Provinces. Also felt (V) in the Antofagasta-Taltal-Calama area; (IV) at Mejillones, San Pedro and Tocopilla; (III) at Iquique and (II) at Copiapo, Chile. Felt (III) at Arequipa, Peru.
	25	00 04 14.1%	26 911	S	26.722	E	5	G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE).
	25	00 12 07.7?	6 96	S	130 76	E	33	N	4.7		1.3	8	BANDA SEA
	25	00 17 57.7&	34.121	N	116 399	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt.
	25	00 42 25.4?	8.29	S	112.45	E	93	?	4.9		1.0	10	JAWA, INDONESIA
	25	00 45 45.5?	23.31	S	67.38	W	150	G			0.1	4	CHILE-ARGENTINA BORDER REGION
	25	02 05 13.7?	10.43	N	86.26	W	33	N	4.6		1.2	30	OFF COAST OF COSTA RICA
	25	02 13 45.8	13.494	S	167.120	E	190	D	5.6		0.9	242	VANUATU ISLANDS
	25	02 18 34.7	41.140	S	176.142	E	10	G			1.1	15	OFF E. COAST OF N. ISLAND, N.Z. ML 4 5 (WEL).
	25	02 22 15.7?	44.08	N	12.62	E	10	G			0.2	4	NORTHERN ITALY
	25	02 44 09 3	44.464	N	7.005	E	13				0.5	24	NORTHERN ITALY. ML 2.4 (LDG), 2.3 (GEN).
	25	03 06 32.6*	23.431	S	66.934	W	221	*			1.2	9	JUJUY PROVINCE, ARGENTINA
	25	03 07 08.5?	14.99	N	59.35	W	33	N			0.5	6	WINDWARD ISLANDS. ML 3.1 (FDF).
	25	03 20 53.1	37.605	N	29.453	E	10	G			0.7	13	TURKEY. Felt in the Denizli area.
	25	03 26 59.0%	43.090	N	0.670	W	10	G			0.3	8	PYRENEES. ML 1.0 (STR).
	25	03 55 11.6%	40.575	N	15.307	E	5	G			1.4	10	SOUTHERN ITALY
	25	04 41 07.5?	31.28	S	68.50	W	100	G			0.7	4	SAN JUAN PROVINCE, ARGENTINA
	25	05 59 24.1?	16.69	S	174.87	W	33	N	5.0 4.7		1.5	21	TONGA ISLANDS
	25	06 23 47.9*	16.985	N	98.599	W	52		4.2		1.2	38	NEAR COAST OF GUERRERO, MEXICO
	25	06 23 50.9&	60.914	N	149.277	W	28					72	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.6 (AEIC), 3.8 (PMR). Felt (V) at Anchorage; (III) at Cooper Landing, Eagle River and Hope; (II) at Palmer
	25	06 32 34.4*	31.244	S	68.181	W	97	?			0.1	7	SAN JUAN PROVINCE, ARGENTINA
	25	07 07 12.0	39.404	N	0.826	W	10	G			0.7	18	SPAIN. mbLg 3.5 (MDD). Felt (III) in the Bunol area.
	25	07 21 31.4?	33.98	S	72 56	W	33	N			0.3	10	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	25	08 12 39.1*	12.416	S	166.908	E	255	*	4.5		1.1	51	SANTA CRUZ ISLANDS
	25	08 26 17.5%	39.100	N	27.561	E	10	G			0.2	5	TURKEY. ML 2.7 (ISK).
	25	09 33 44 0%	39.173	N	27 631	E	10	G			0.1	5	TURKEY. ML 2.7 (ISK).
	25	09 41 42.1?	39 05	N	29 52	E	10	G			0 8	4	TURKEY. ML 2.7 (ISK).
	25	09 48 57.3?	39.37	N	29 65	E	10	G			0.7	4	TURKEY. ML 2.6 (ISK).
	25	09 50 38.7	36 588	N	141 342	E	44	D	4 7		1.1	37	NEAR EAST COAST OF HONSHU, JAPAN
	25	10 10 39.8*	36 421	N	69.694	E	33	N	4.5		1 0	9	HINDU KUSH REGION, AFGHANISTAN
	25	10 16 22.8%	40.846	N	28.726	E	33	N			0 5	5	TURKEY. ML 2.8 (ISK).
	25	10 29 26.9?	35.81	S	70.86	W	33	N			0.9	12	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	25	10 35 24.4%	39.202	N	29 041	E	10	G			0.2	5	TURKEY. ML 2.7 (ISK).
	25	11 05 21.5*	37.441	N	137 530	E	37	*	4.5		1.3	15	NEAR WEST COAST OF HONSHU, JAPAN
	25	11 19 31.2?	45.56	S	166.10	E	33	N			1 5	12	OFF W. COAST OF S. ISLAND, N.Z. ML 4 0 (WEL).
	25	11 21 25.3	38.472	S	177 358	E	116	*			1.3	31	NORTH ISLAND, NEW ZEALAND
	25	11 51 58.6%	40.597	N	29.959	E	10	G			0.9	6	TURKEY. ML 2.8 (ISK).
	25	12 16 32.3*	50.891	N	15 728	E	10	G			0.9	5	CZECH AND SLOVAK REPUBLICS. MG 2.7 (WAR).
	25	12 28 57.8?	39.50	N	29.50	E	10	G			0.6	5	TURKEY. ML 2.6 (ISK).

	25	12 31 37.6%	40.527	N	15.805	E	10	G			0.8	9	SOUTHERN ITALY
	25	12 41 03.6?	39.56	N	29.52	E	10	G			1.3	4	TURKEY. ML 2 8 (ISK).
	25	12 43 35.3?	39.46	N	29.58	E	10	G			0 5	4	TURKEY. ML 2.8 (ISK).
	25	12 50 12.7%	39.236	N	27.733	E	10	G			0.3	6	TURKEY. ML 2.7 (ISK).
	25	13 03 05.7*	5.565	S	149.837	E	131	?	4.6		0.5	9	NEW BRITAIN REGION, P N.G.
	25	13 22 35.5%	44.389	N	7.390	E	10	G			0.2	5	NORTHERN ITALY ML 1.7 (GEN)
	25	15 08 10.3*	2.713	N	128.644	E	224	?	4.6		0.9	9	HALMAHERA, INDONESIA
	25	15 09 08.6%	44.628	N	6.703	E	10	G			0 5	11	FRANCE. ML 2.2 (GEN).
	25	15 28 23.0?	27.60	S	66.67	W	241	?			0.6	5	CATAMARCA PROVINCE, ARGENTINA
	25	15 36 15.8	40.451	N	28.017	E	14				0.7	32	TURKEY. ML 3.8 (ISK). Felt in the Bandirma areo.
	25	15 45 43.0%	44.367	N	7.340	E	10	G			0.5	7	NORTHERN ITALY. ML 1.9 (GEN).
	25	16 02 51.7&	60.001	N	152.650	W	101					42	SOUTHERN ALASKA. <AEIC>.
	25	16 08 59.7?	15.24	S	173 30	W	33	N	4.8		0.8	9	TONGA ISLANDS
	25	17 38 52.9?	50.31	N	19.15	E	10	G			0.4	4	POLAND. ML 2.9 (WAR).
	25	17 43 15.2?	30.70	S	71.15	W	94	*			0.9	10	NEAR COAST OF CENTRAL CHILE
	25	17 59 55.8?	38.86	N	26.95	E	10	G			1.1	4	AEGEAN SEA. ML 3.0 (ISK).
	25	18 38 25.1*	37.557	N	45.961	E	33	N	4.1		1.3	5	NORTHWESTERN IRAN. Felt at Ardabil.
	25	19 07 35.7*	17.905	N	97.931	W	71	*	3.9		1.3	18	OAXACA, MEXICO
	25	21 33 31.1	44.368	N	7.156	E	12				0.4	23	NORTHERN ITALY. ML 2.5 (LDG), 2.4 (GEN).
	25	22 54 23.1*	22.972	S	70.642	W	158	?			1.5	8	NEAR COAST OF NORTHERN CHILE
	25	23 01 05.2&	63.269	N	149.758	W	103					49	CENTRAL ALASKA. <AEIC>.
f	25	23 16 43.4	55.021	N	160.513	W	37	G	6.2	5.8	0.9	606	ALASKA PENINSULA. Mw 6.2 (GS), 6.1 (HRV). ML 6.3 (PMR). Ms 5.7 (BRK). Mo=1.5*10**18 Nm (PPT). Slight damoge (VI) at Sond Point. Felt (V) at King Cove and Perryville; (IV) at Chignik, Chignik Lagoon, Cold Bay and False Poss; (III) at Akutan. Two events about 1.6 seconds apart. Depth from broadband displacement seismograms, bosed on first event.
	26	00 27 06.0*	30.442	S	72.002	W	53	?	5.1	5.4	1.5	21	OFF COAST OF CENTRAL CHILE
	26	01 11 05.7	31.792	S	66.840	W	145		4.6		0.8	22	LA RIOJA PROVINCE, ARGENTINA
	26	01 12 09.0%	26.371	S	27.453	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	26	02 32 47.0	31.B55	S	66.887	W	150	*			0.9	17	LA RIOJA PROVINCE, ARGENTINA
a	26	03 30 51.7	5.522	S	151.832	E	38	*	5.4	5.2	1.0	146	NEW BRITAIN REGION, P.N.G. Mw 5.7 (HRV). Ms 5.4 (BRK).
	26	03 55 14.2*	6.508	N	72.5B3	W	160	G			0.7	6	NORTHERN COLOMBIA
	26	04 17 14.8?	3B.14	N	20.34	E	10	G			1.3	10	GREECE. MD 3.0 (ATH).
	26	05 21 54.6%	40.328	N	27.863	E	10	G			0.6	8	TURKEY. ML 2.7 (ISK).
	26	05 27 45.1	41.019	N	22.374	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.5 (SKO).
	26	06 11 48.9?	17.15	N	67.53	W	10	G			1.3	8	MONA PASSAGE
	26	07 33 54.1%	26.907	S	26.736	E	5	G			1.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	26	07 44 47.2?	39.63	N	27.35	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).
	26	07 47 29 8?	6.31	N	72.28	W	33	N			1.2	5	NORTHERN COLOMBIA
	26	07 47 32.6?	8.20	S	73.43	W	189	?	4.4		0.7	6	PERU-BRAZIL BORDER REGION
	26	08 55 44.3&	37.117	N	117.777	W	0					41	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM), 3.0 (PAS). ML 3.7 (BRK), 3.1 (GS).
	26	09 19 04.0?	39 06	N	27.56	E	10	G			0.2	4	TURKEY. ML 2.9 (ISK).
	26	09 26 41.3	30 513	N	138 218	E	442	*	4.1		0.9	34	SOUTH OF HONSHU, JAPAN
	26	09 55 56.2?	39.33	N	29.59	E	10	G			1.2	4	TURKEY. ML 2.7 (ISK).
	26	10 04 49.5%	42.278	N	19 518	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	26	10 37 33.8?	47.37	N	11.62	E	10	G			0.1	4	AUSTRIA. ML 1.2 (VIE).
	26	10 44 16 5?	39.31	N	29 66	E	10	G			0.3	5	TURKEY. ML 2.6 (ISK)
	26	10 46 04.7?	39.35	N	29 66	E	10	G			0 6	4	TURKEY. ML 2.7 (ISK).
	26	11 12 49.0	41.644	N	20.706	E	10	G			0.7	12	ALBANIA ML 3.2 (SKO), 2.5 (TIR).
	26	11 37 40.9&	40.828	N	119.604	W	0					11	NEVADA. <GM-P>. MD 3.1 (GM).
	26	11 48 00.6%	39.085	N	27 574	E	10	G			0.5	6	TURKEY. ML 2.7 (ISK).
	26	11 51 21 2?	39.14	N	27 65	E	10	G			0.4	4	TURKEY. ML 2.7 (ISK).
	26	11 51 59.1?	41.12	N	24.39	E	10	G			0.3	5	GREECE-BULGARIA BORDER REGION
	26	12 39 07.9	38.849	N	22.406	E	51	*			1.0	29	GREECE. MD 3.4 (ATH).
	26	13 12 35.9?	58.06	N	6 36	E	10	G			0.5	6	SOUTHERN NORWAY. MD 2.4 (BER).
	26	13 18 52.8%	44.709	N	7.079	E	10	G			0.3	11	NORTHERN ITALY. ML 2.1 (GEN).
	26	13 20 32.5%	26.B68	S	26.759	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	26	13 20 3B.0*	9.356	N	122.603	E	47	?	4.3		1.0	7	NEGROS, PHILIPPINE ISLANDS
	26	13 53 15.6?	50.47	N	18 88	E	5	G			1.0	4	POLAND. ML 3.0 (WAR).
	26	14 08 10.4&	36.155	N	117.6B4	W	6	G				34	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	26	14 11 12.4?	40.12	N	91.53	E	33	N	4.4		1.4	B	SOUTHERN XINJIANG, CHINA
	26	14 20 21.7?	45.60	N	15.74	E	10	G			1.5	4	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU).
	26	15 05 30.0	0.112	S	123.060	E	182	*	4.9		1.2	24	MINAHASSA PENINSULA, SULAWESI
	26	15 35 19.7?	14.68	N	61.05	W	10	G			0.1	4	WINDWARD ISLANDS. ML 1.5 (FDF).
	26	16 05 12.8%	26.372	S	27.369	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	26	16 46 50.6	26.391	S	27.499	E	5	G	4.0		1.0	14	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.8 (BUL).
	26	16 58 57.9%	41.209	N	29.223	E	10	G			0.4	6	TURKEY. ML 2.7 (ISK).
	26	17 54 14.1%	33.136	S	70.457	W	90	G			0.3	9	CHILE-ARGENTINA BORDER REGION
	26	18 47 04.0%	44.114	N	7.894	E	10	G			0.4	7	NORTHERN ITALY ML 1.7 (GEN).
	26	19 06 40.6%	26.929	S	26.746	E	5	G			1.2	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	26	19 11 23.3&	37.122	N	117.736	W	0					57	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.9 (GM), 3.2 (PAS). ML 4.2 (BRK), 3.6 (GS).
	26	19 23 21.4*	4.B05	S	131.196	E	33	N	4.2		1.2	6	BANDA SEA
	26	19 40 22.2*	37.304	N	19.958	E	10	G			0.8	13	IONIAN SEA. MD 3.1 (ATH).
	26	20 35 32.1&	37.002	N	117.761	W	1					48	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 4.0 (BRK), 3.2 (GS)
	26	20 58 14.8	31.370	S	68.829	W	117				0.8	25	SAN JUAN PROVINCE, ARGENTINA
	26	21 06 12.0*	31.322	S	68.309	W	106	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	26	22 10 04.5	36.173	N	22.328	E	40		4	2	1.1	82	SOUTHERN GREECE. MD 3.9 (ATH).
	26	22 51 16.2%	44.421	N	7.147	E	10	G			0.1	5	NORTHERN ITALY. ML 1.5 (GEN).
	26	23 15 04.1%	15.846	N	60 530	W	10	G			0.2	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	27	00 10 02.8*	3.773	N	125.873	E	139	*	5.0		1.3	11	TALAUD ISLANDS, INDONESIA
	27	00 18 18.1	26.B52	S	26.754	E	5	G			1.0	10	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE). mbLg 3.4 (BUL).
	27	00 28 45.3%	26.845	S	26.809	E	5	G			0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	27	01 00 01.5?	3B.B7	N	27.23	E	10	G			1.2	4	TURKEY. ML 2 8 (ISK).
	27	01 19 35.1?	43.49	N	7.90	E	10	G			0.2	5	NEAR SOUTH COAST OF FRANCE. ML 1.5 (GEN).
	27	01 20 11.3*	23.617	S	66.780	W	226	*			1.2	8	JUJUY PROVINCE, ARGENTINA
	27	01 20 47.3%	38.B37	N	26.856	E	10	G			0.5	6	AEGEAN SEA. ML 2.8 (ISK).
	27	03 51 29.2	38.71B	S	178.100	E	32				0.8	11	OFF E. COAST OF N. ISLAND, N.Z. ML 3.7 (WEL).

	27	03 54 05.9	51.527	N	16.151	E	10	G			0.8	17	POLAND ML 3 6 (VIE), 3.6 (GRF).
	27	04 21 33.7?	36.02	S	178.52	E	255	*	3.7		1.1	29	OFF E. COAST OF N. ISLAND, N.Z.
	27	04 37 30.7	11.578	N	61.029	W	10	G			1.1	7	WINDWARD ISLANDS. MD 2.9 (TRN).
	27	04 38 58.0?	38.63	N	26.76	E	10	G			0.3	4	AEGEAN SEA. ML 3.1 (ISK).
	27	04 47 20.7	17.666	S	178 837	W	563	D	5 2		0.8	170	FIJI ISLANDS REGION
	27	05 03 50.8&	50.427	N	130.235	W	10	G	3.5			15	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
a	27	05 10 50.5	16.827	S	173.856	W	133	D	5.0		1.1	81	TONGA ISLANDS Mw 5.3 (HRV).
	27	06 12 08.6	43.125	N	0.151	E	20				0.8	39	FRANCE. ML 4 0 (LDG). mbLg 3.8 (MDD). Felt (IV) in the Bigorre District.
	27	06 21 53.9	37.084	N	112.089	W	10	G	3.3		0.6	23	UTAH. ML 3.5 (GS). MD 3.5 (SLC). Felt (III) at Fredonia, Arizono.
	27	06 31 49.4*	31.199	S	72.401	W	33	N			1.0	18	OFF COAST OF CENTRAL CHILE
	27	06 40 19.2?	35.47	S	71.31	W	100	G			0.7	10	CENTRAL CHILE
	27	06 58 14.8?	32.23	S	180.00	E	194	?	4.2		1.5	11	SOUTH OF KERMADEC ISLANDS
	27	07 37 29.1&	62.885	N	150.995	W	98					30	CENTRAL ALASKA. <AEIC>.
	27	07 40 57.6%	39.146	N	27.622	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	27	07 42 06.2%	39.111	N	27.596	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
	27	08 18 44.1?	44.37	N	7.36	E	10	G			0.2	4	NORTHERN ITALY. ML 1.4 (GEN).
	27	08 39 36.7&	36.144	N	120.267	W	11					61	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.4 (PAS), 3.2 (GS), 3.0 (BRK). Felt (III) at Coalingo.
o	27	08 51 59.5	29.359	S	178.271	W	119	G	5.9		1.0	415	KERMADEC ISLANDS, NEW ZEALAND. Mw 5.8 (GS), 5.8 (HRV). Felt (IV) an Raoul Island. Depth from braadband displacement seismograms.
	27	08 52 14.9	39.397	N	143.852	E	33	N	4.7		0.7	20	OFF EAST COAST OF HONSHU, JAPAN
	27	08 55 18.0?	39.51	N	29.51	E	10	G			0.3	4	TURKEY. ML 2.7 (ISK).
	27	08 59 16.5%	43.084	N	0.611	W	10	G			0.5	5	PYRENEES. ML 1.0 (STR).
	27	09 02 18.1?	39.10	N	27.53	E	10	G			0.6	4	TURKEY. ML 2.8 (ISK).
	27	09 16 32.5?	39.63	N	29.50	E	10	G			0.1	4	TURKEY. ML 2.6 (ISK).
	27	09 56 15.6?	40.09	N	26 96	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	27	10 06 07.6%	39.219	N	27.609	E	10	G			0.5	5	TURKEY
	27	10 16 05.4?	43.95	N	150.08	E	33	N	3.9		1.3	7	EAST OF KURIL ISLANDS
	27	10 16 18.8%	39.123	N	27.566	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK)
	27	10 20 07.6%	39.129	N	27.617	E	10	G			0.8	6	TURKEY. ML 2.8 (ISK).
	27	10 59 35.2%	45.552	N	25.344	E	10	G			1.5	5	ROMANIA
	27	11 08 23.8*	53.167	N	162.103	W	33	N	4.0		1.2	14	SOUTH OF ALASKA
	27	11 42 59.1?	3.30	S	100.84	E	59	?	5.1		0.5	9	SOUTHERN SUMATERA, INDONESIA
	27	11 48 28.7%	44.336	N	6.282	E	10	G			0.7	7	FRANCE. ML 2.3 (LDG)
	27	12 09 25.4%	26.258	S	27.744	E	5	G			1.1	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	27	13 06 18.7%	39.218	N	27.794	E	10	G			0.4	6	TURKEY. ML 2.8 (ISK)
	27	13 40 12.3?	37.76	S	176.48	E	194	?			0.4	11	NORTH ISLAND, NEW ZEALAND
	27	13 58 50.6%	26.911	S	26.714	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	27	14 09 14.0?	18.21	N	76.69	W	10	G			1.3	4	JAMAICA REGION. MD 2 8 (HOJ)
	27	14 53 12.2	34.907	N	139.199	E	16		3.9		0.8	16	NEAR S. COAST OF HONSHU, JAPAN
	27	14 58 00.5&	60.951	N	147.320	W	16					46	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	27	15 11 05.3%	41.116	N	28.460	E	10	G			0.7	5	TURKEY. ML 2.7 (ISK)
	27	15 47 26.4%	44.257	N	7.660	E	10	G			0.5	7	NORTHERN ITALY. ML 2.1 (LDG)
	27	15 50 07.1	39.565	N	25.113	E	14				1.1	35	AEGEAN SEA. ML 3.7 (ATH).
	27	15 51 17.9&	33.043	N	118.490	W	7					7	SOUTHERN CALIFORNIA <PAS-P> ML 2 8 (PAS).
	27	16 25 46.9%	37.606	N	15.275	E	10	G			0.9	5	SICILY
	27	17 46 48.9?	19.35	S	177.18	W	525	*	5.2		1 1	22	FIJI ISLANDS REGION
	27	17 50 34.0	21 849	N	93.547	E	48		4.7 4 0		1.1	48	MYANMAR
	27	17 56 26.8	54.071	N	157.406	W	33	N	4.8 4.5		1.2	57	SOUTH OF ALASKA. ML 4 8 (PMR).
	27	18 06 45.3*	53.907	N	157.446	W	33	N	3.8		1.0	32	SOUTH OF ALASKA
	27	18 07 00.7	5.461	N	77.514	W	12		5.5		0.9	245	NEAR WEST COAST OF COLOMBIA
	27	18 39 49.5?	54.15	N	157.44	W	33	N	3.3		1.0	9	SOUTH OF ALASKA. ML 4 0 (AEIC).
	27	19 48 14.8%	38.025	N	14.124	E	10	G			0.8	7	SICILY
	27	20 14 07.1	43.168	N	0.119	E	10	G			0.8	28	FRANCE. ML 3.5 (LDG). mbLg 3.2 (MDD). Felt (III) in the Bigorre District.
	27	20 43 46.6	44.291	N	8.323	E	10	G			0.7	13	NORTHERN ITALY. ML 2.4 (LDG), 2.1 (GEN).
	27	20 53 56.5*	31.314	S	72.095	W	10	G			1.2	14	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	27	21 04 57.5&	34.270	N	116.420	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	27	21 18 07.9	47.265	N	10.899	E	10	G			1.2	10	AUSTRIA. ML 2.4 (FUR), 2.0 (VIE).
	27	21 42 41.0?	34.96	S	72.17	W	33	N			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	27	21 58 41.1	19.110	N	63 311	W	40		4.5 4.6		0.8	51	LEEWARD ISLANDS
	27	22 13 20.0	44.282	N	8 285	E	10	G			0.8	8	NORTHERN ITALY. ML 2.2 (LDG), 2.0 (GEN).
	27	23 14 19.0	5.513	S	151.854	E	33	N	5.2		1.1	50	NEW BRITAIN REGION, P.N.G.
	28	00 25 13.3%	45.620	N	25.212	E	10	G			1.5	7	ROMANIA
	28	01 52 23.4*	19.229	N	63.147	W	33	N	3.7		1.1	11	LEEWARD ISLANDS
	28	02 20 25.1?	39.48	N	15.77	E	10	G			1.2	5	SOUTHERN ITALY
	28	03 25 04.4?	8.76	S	120.02	E	186	?	4.9		0.8	7	FLORES REGION, INDONESIA
	28	03 34 12.0	19.290	N	63.218	W	33	N	3.8		0.5	13	LEEWARD ISLANDS
	28	04 22 35.5*	23.812	S	66.842	W	209	*	3.7		1.2	9	JUJUY PROVINCE, ARGENTINA
	28	04 31 16.0%	38.984	N	27.594	E	10	G			0.4	6	TURKEY. ML 2.8 (ISK).
	28	04 32 29.5?	44.28	N	8 32	E	10	G			0.2	4	NORTHERN ITALY. ML 1.7 (GEN).
	28	04 47 40.6&	35.149	N	119.104	W	21		4.6 4 7			96	CENTRAL CALIFORNIA. <PAS-P>. ML 5.2 (PAS), 5.1 (BRK). Slight domoge (VI) at Pumpkin Center. Felt (V) ot Bakersfield, Di Giorgio, Fillmore, Mettler, Mojave, Oildale, Ojai ond Shafter; (IV) at Bodfish, California Hot Springs, Ducor, Fellows, Lake Hughes, Lamont, Loncaster, Lebec, Maricopa, McKittrick, New Cuyama, Simi Volley, Taft, Visalia, Wasco and Wofford Heights; (III) ot Agoura Hills, Delono, Fullerton, Glendale, Glennville, Lindsay, Orange Cove, Piru, Reseda, Rosomond, Santa Barbara and Summerland. Felt thraughaut o large part of central and southern California.
	28	04 54 20.1&	60.159	N	153.361	W	137					76	SOUTHERN ALASKA. <AEIC>.
	28	05 17 19.1	53.563	N	167.090	W	33	N	4.5		1.2	39	FOX ISLANDS, ALEUTIAN ISLANDS ML 4.7 (PMR). Felt (IV) ot Unolaska ond Akutan.
	28	05 29 35.9%	31.260	S	68 241	W	99	?			0 6	6	SAN JUAN PROVINCE, ARGENTINA
	28	05 39 00.3%	44.288	N	8.300	E	10	G			0.2	6	NORTHERN ITALY. ML 1.9 (GEN).
	28	06 40 29.5?	39.69	N	29.39	E	5	G			1.3	4	TURKEY. ML 2.3 (ISK)
	28	06 46 10.9*	37.867	N	20 650	E	10	G			1.1	9	IONIAN SEA. MD 3.2 (ATH).
	28	06 50 38.4?	19.10	N	98.72	W	10	G			1.1	4	CENTRAL MEXICO

	28	06	58	36.1&	60 005	N	141.353	W	6			14	SOUTHEASTERN ALASKA <AEIC>. ML 2.8 (AEIC), 3.0 (PGC).
	28	07	04	00.6	23.382	S	66 848	W	213 ?		1.3	7	JUJUY PROVINCE, ARGENTINA
	28	07	12	19.1&	63.143	N	148.377	W	72			52	CENTRAL ALASKA. <AEIC>
	28	07	33	10.7*	31.196	S	68.302	W	100 G		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	28	08	01	55.7%	38.493	N	26.633	E	10 G		0.7	6	AEGEAN SEA. ML 3.3 (ISK).
	28	09	00	38.8?	38.55	N	28.69	E	10 G		0.9	4	TURKEY. ML 2 8 (ISK).
	28	09	20	20.9?	39.52	N	29.64	E	10 G		0.7	4	TURKEY. ML 2.7 (ISK).
	28	09	28	48.5%	39.060	N	27 599	E	10 G		0.4	6	TURKEY. ML 2 8 (ISK).
	28	09	30	35.6%	38.749	N	27.537	E	10 G		0.4	6	TURKEY. ML 2.8 (ISK).
	28	09	43	41.6%	40.591	N	23.461	E	10 G		0.5	6	GREECE
	28	09	49	03.4&	62.354	N	147.732	W	51	4.0		76	CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 4.6 (PMR). Felt (IV) at Copper Center.
	28	09	52	03.8%	43 010	N	11.624	E	5 G		0.5	5	CENTRAL ITALY
	28	10	08	04.1%	26.864	S	26.731	E	5 G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	28	10	27	31.8	40.419	N	28.039	E	10 G		0.5	18	TURKEY. ML 3.4 (ISK).
	28	10	41	43.4	38.070	N	21.128	E	10 G		1.1	13	GREECE. ML 3.4 (ATH).
	28	10	54	12.1*	51.066	N	15 893	E	10 G		1.1	6	POLAND. MG 2.7 (WAR).
a	28	11	06	12.6	27.264	S	66 474	E	10 G	5.5 5.1	0.9	198	SOUTH INDIAN OCEAN. Mw 5.6 (HRV).
	28	11	19	24.4	19 125	N	63 276	W	33 N	4.2	1.0	20	LEEWARD ISLANDS
	28	11	27	18.6?	42 72	N	23.95	E	10 G		0.5	7	BULGARIA
	28	11	33	57.9*	41.826	N	22.619	E	10 G		1.4	5	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	28	11	53	47.6?	39.54	N	29.41	E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
	28	12	18	35.1	42.577	N	24 088	E	10 G		0.5	11	BULGARIA
	28	13	12	09.9	39.481	N	23.415	E	10 G		0.9	13	AEGEAN SEA. ML 3.2 (ATH).
	28	13	50	05.6%	27.913	S	26.738	E	5 G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	28	14	20	28.6*	26.795	N	93 301	E	33 N	4.6	0.4	9	NORTHEASTERN INDIA
	28	15	03	39.5*	28 534	S	122 098	E	10 G		0.9	6	WESTERN AUSTRALIA
a	28	15	55	27.7	55 862	N	155 171	W	33 N	5.0 5.0	0.9	220	SOUTH OF ALASKA. Mw 5.5 (HRV).
	28	16	52	18.1?	30.34	S	71 85	W	55 ?		1.1	9	NEAR COAST OF CENTRAL CHILE
	28	17	01	00.4%	39.372	N	23.777	E	10 G		0.8	8	AEGEAN SEA
	28	17	31	10.3?	37.03	N	68.07	E	33 N	4.4	1.4	5	AFGHANISTAN-TAJIKISTAN BORD REG.
	28	18	16	15.1?	31.69	S	67.99	W	10 G		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	28	18	21	16.0*	59.105	S	25.504	W	33 N	4.8	1.1	22	SOUTH SANDWICH ISLANDS REGION
	28	18	33	31.3&	63.442	N	150.978	W	27			28	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	19	32	56 2&	59 496	N	152.727	W	79			53	SOUTHERN ALASKA. <AEIC>.
	28	20	03	24.9	26.395	S	27.395	E	5 G		1.0	11	REPUBLIC OF SOUTH AFRICA. ML 4.0 (PRE). mbLg 3.7 (BUL).
	28	20	19	02.7%	42.976	N	7.658	E	10 G		0.4	5	WESTERN MEDITERRANEAN SEA. ML 2.2 (LDG).
	28	20	45	19.7	46.330	N	0.209	W	10 G		1.3	14	FRANCE. ML 3.0 (LDG).
	28	20	57	11.3	9.023	S	123.662	E	33 N	5.3 4.6	1.0	62	TIMOR REGION, INDONESIA
	28	20	58	19.8?	18.90	N	65.40	W	33 N		0.4	8	PUERTO RICO REGION
	28	21	07	32.8%	38.949	N	30.360	E	10 G		1.0	6	TURKEY. ML 2.9 (ISK).
	28	21	28	26.6	51.602	N	16.120	E	7	4.2	0.7	17	POLAND. ML 3.9 (GRF), 3.8 (VIE), 3.6 (BRA).
	28	21	30	40.0?	18.85	N	65.66	W	10 G		0.5	8	PUERTO RICO REGION
	28	21	39	22.0	51.507	N	6.524	E	10 G		0.9	6	GERMANY. ML 2.3 (BNS), 2.1 (UCC).
	28	23	18	40.0&	35.145	N	119.100	W	23			11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
	29	00	00	53.4?	53.79	N	163.93	W	33 N	4.4	0.9	10	UNIMAK ISLAND REGION
	29	00	12	28.8&	36.090	N	117.704	W	0			23	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS), 3.3 (GS), 3.6 (BRK).
	29	00	16	05.7?	11.61	N	62.05	W	100 ?		0.1	6	WINDWARD ISLANDS. MD 3.2 (TRN).
a	29	00	18	34.9	18.378	S	174.922	W	195 D	5.0	0.9	142	TONGA ISLANDS. Mw 5.4 (HRV).
	29	00	19	05.2*	18.174	N	59.466	W	33 N		0.3	8	NORTH ATLANTIC OCEAN
	29	01	02	55.2*	9.637	S	117.918	E	33 N	4.6	1.4	8	SUMBAWA REGION, INDONESIA
	29	01	08	05.5%	39.953	N	22.560	E	10 G		0.4	9	GREECE
	29	01	17	43.3%	39.702	N	28.658	E	10 G		0.6	7	TURKEY. ML 2.7 (ISK).
	29	01	31	44.4*	27.329	S	66.162	E	10 G	5.2	1.1	14	SOUTH INDIAN OCEAN
	29	01	38	04.0	15.927	N	61.198	W	106	4.3	0.6	43	LEEWARD ISLANDS. MD 4.3 (TRN). Felt (III) an Guadeloupe, Marie Gallante and La Desirade; (II) on Martinique.
	29	01	57	19.7?	39.38	N	23.86	E	10 G		1.4	7	AEGEAN SEA
	29	02	00	41.0	20.681	S	179.171	W	651 ?	4.4	0.7	41	FIJI ISLANDS REGION
	29	02	21	29.4%	43.424	N	12.400	E	10 G		0.6	6	CENTRAL ITALY
	29	03	05	14.1	36.892	N	21.245	E	10 G	3.4	0.9	26	SOUTHERN GREECE. MD 3.4 (ATH).
	29	03	22	41.6?	21.49	S	68.68	W	130 G		1.1	5	CHILE-BOLIVIA BORDER REGION
	29	04	37	30.9	37.223	N	117.756	W	5 G		0.7	24	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	29	04	46	42.6%	44.272	N	8.336	E	10 G		0.4	9	NORTHERN ITALY. ML 1.9 (GEN).
	29	05	25	36.5	39.633	N	20.435	E	10 G		0.6	13	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	29	05	29	19.1	50.718	N	129.875	W	10 G	3.9	1.1	59	VANCOUVER ISLAND REGION. ML 4.3 (PGC).
	29	05	46	27.0*	33.234	S	70.729	W	94 ?		0.3	9	CHILE-ARGENTINA BORDER REGION
	29	05	49	08.5?	29.00	S	71.50	W	218 ?		1.3	6	NEAR COAST OF CENTRAL CHILE
	29	06	30	29.2&	66.175	N	149 768	W	10 G			27	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.5 (PMR).
f	29	06	50	13.4	19.072	N	26.476	W	12 G	5.9 6.2	0.9	602	NORTH ATLANTIC OCEAN. Mw 6.4 (GS), 6.3 (HRV). Ms 6.2 (BRK). Depth fram broadband displacement seismagroms.
	29	07	28	04.3*	54.442	N	159 907	W	33 N	4.4	1.4	16	SOUTH OF ALASKA. Felt (III) at Sand Point.
	29	07	38	15.7&	61.517	N	146.769	W	19			43	SOUTHERN ALASKA <AEIC>. ML 2.5 (AEIC).
	29	07	55	00.4&	57.645	N	153.186	W	57			28	KODIAK ISLAND REGION <AEIC> ML 2.5 (AEIC).
	29	08	31	38.8?	39.37	N	29.34	E	10 G		1.4	4	TURKEY. ML 2 7 (ISK).
	29	08	31	50 3*	6 491	N	60 682	E	10 G	5.0	1.0	32	CARLSBERG RIDGE
	29	08	43	11 6	45.561	N	15.207	E	15	5.1	1.2	150	NORTHWESTERN BALKAN REGION. ML 5.0 (GRF). Felt (V) at Ljubljana, Slovenia.
	29	08	46	39.7?	39 06	N	27.56	E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
	29	08	48	23.0*	45 554	N	15.321	E	5 G		0.9	5	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
	29	08	49	41.7	45 600	N	15.251	E	5 G		1 1	10	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU). ML 2.8 (VIE).
	29	08	51	06 6?	39.66	N	29.48	E	10 G		1 0	4	TURKEY. ML 2.7 (ISK).
	29	08	56	13.2?	38.01	N	28.48	E	10 G		1.3	4	TURKEY
	29	08	57	17.0	34.122	S	70.172	W	10 G		0.9	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	29	09	04	27.4?	41.55	N	22.97	E	10 G		0.8	5	NORTHWESTERN BALKAN REGION
	29	09	05	19.9%	39.260	N	27.715	E	10 G		0.3	6	TURKEY. ML 2.8 (ISK).
	29	09	43	35.3	39.156	N	27.614	E	10 G		0 6	6	TURKEY. ML 2.8 (ISK).
	29	10	17	32.0?	41.29	N	20.77	E	10 G		0 9	6	ALBANIA. ML 2.3 (SKO).
	29	10	38	44.8?	29.85	S	178.01	W	179 ?	4.8	1.2	14	KERMADEC ISLANDS, NEW ZEALAND
	29	10	50	36.8	33.978	N	59.859	E	33 N	4.7	1.1	38	NORTHERN IRAN
	29	10	59	18.9?	39.49	N	29.54	E	10 G		0 6	4	TURKEY ML 2.6 (ISK).
	29	12	27	29.3?	45.52	N	15.39	E	10 G		1.1	4	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).

	29	12 40 13.3	73.219	N	6.220	E	10	G	4 6		1.3	54	GREENLAND SEA
	29	12 45 04.8&	63.515	N	150.829	W	19					50	CENTRAL ALASKA <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	29	12 58 33.9	38.920	N	20.786	E	10	G			1.1	16	GREECE
	29	13 10 33.6	44.294	N	8.293	E	5	G			0.3	10	NORTHERN ITALY ML 2.4 (LDG), 2.2 (GEN).
	29	13 45 20.3%	44.289	N	8.295	E	10	G			0.3	6	NORTHERN ITALY. ML 2.0 (GEN).
	29	14 08 03.9%	39.089	N	27 589	E	10	G			0.5	6	TURKEY ML 2.8 (ISK).
	29	14 17 53.7?	38.72	N	22.81	E	10	G			0.4	7	GREECE
	29	14 19 10 1	24 049	N	108.670	W	10	G	4 3		1.1	20	GULF OF CALIFORNIA
	29	14 19 16.8	38.219	N	22.799	E	32		3 8		1.2	45	GREECE. ML 3.7 (ATH).
	29	14 32 03.5?	11.18	N	61.63	W	33	N			0.9	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	29	14 39 15.0?	38.73	N	22.73	E	10	G			0.6	7	GREECE
a	29	14 44 24.1	4.663	S	153.168	E	59		5 3		0.8	132	NEW IRELAND REGION, P.N.G. Mw 5.2 (HRV).
	29	14 51 25.1	10.055	S	161.000	E	63	D	5.0		1.0	61	SOLOMON ISLANDS
	29	15 49 51.1&	40 800	N	123 896	W	25					27	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	29	16 15 16.0?	35.50	S	70.77	W	10	G			1.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	29	16 26 33.2&	33.197	N	115.596	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	16 30 07.3&	33.195	N	115.591	W	5					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	29	16 33 52.3*	24.275	S	67.236	W	209	*			1.3	6	CHILE-ARGENTINA BORDER REGION
	29	16 55 11.0*	2.464	N	128.599	E	195	?	4 8		0.8	13	HALMAHERA, INDONESIA
	29	17 12 11 5%	26.957	S	26 766	E	5	G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	29	17 29 40.0?	42.85	N	13.39	E	10	G			0.1	4	CENTRAL ITALY
	29	17 43 38.8%	61.532	N	1.981	E	10	G			0.7	8	NORWEGIAN SEA. MD 2.7 (BER).
	29	18 03 58.5	51.675	N	173.154	W	33	N	4.6	4.2	1.1	78	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	29	18 17 29.2	32.350	N	137.780	E	352	*	4.2		0.9	25	SOUTH OF HONSHU, JAPAN
	29	18 24 04.6%	44.308	N	8.290	E	10	G			0.3	5	NORTHERN ITALY. ML 1.6 (GEN).
	29	18 55 31.0?	31.74	S	68.79	W	100	G			0.7	4	SAN JUAN PROVINCE, ARGENTINA
	29	19 40 00.3&	63.307	N	147.534	W	73					62	CENTRAL ALASKA. <AEIC>.
	29	19 42 35.0?	51.49	N	16.45	E	10	G			1.1	4	POLAND
	29	20 41 32.6*	32.352	S	71.629	W	27				0.6	12	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	29	20 43 30.9%	27.875	S	26.700	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	29	21 11 16.2*	26.484	N	65.034	E	33	N	3.8	3.6	1.2	8	PAKISTAN
	29	21 12 59.5*	17 308	N	62.878	W	156	?			0.4	9	LEEWARD ISLANDS. MD 2.8 (TRN).
	29	21 27 08.4	47.679	N	7.582	E	10	G			0.4	9	SWITZERLAND. ML 2.2 (LDG), 2.0 (STR).
	29	21 40 00.3?	32.98	S	72.16	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	29	21 56 11.2	42.010	N	21.271	E	10	G			0.9	29	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 2.9 (SKO). Felt (IV) in the Skopje, Yugoslavia area.
	29	22 41 53.5%	38.533	N	15.411	E	110	G			0.2	7	SICILY
	29	22 43 56.6?	0.32	N	16.68	W	33	N	4.2		0.9	7	NORTH OF ASCENSION ISLAND
	29	23 41 20 0&	60.176	N	151.864	W	55					64	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC).
	29	23 46 08.5	38.240	N	21.540	E	10	G	3.9		1.1	43	GREECE. ML 3.6 (ATH)
	29	23 49 58 2*	31.454	S	68.354	W	75	?			0.8	6	SAN JUAN PROVINCE, ARGENTINA
	30	00 21 10.8&	60.974	N	149.943	W	31					49	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	30	00 27 44.1?	31 65	S	67.96	W	33	N			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	30	01 21 39.0*	24.427	N	108.647	W	10	G	4.1		1.0	20	GULF OF CALIFORNIA
	30	01 40 18.9%	26.878	S	26.754	E	5	G			0.8	6	REPUBLIC OF SOUTH AFRICA
	30	01 45 30.4	51.131	N	15.774	E	10	G			0.8	10	POLAND ML 3 4 (VIE).
	30	02 02 14.8&	40.671	N	123.435	W	30					27	NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM).
	30	02 50 20.0?	38.63	N	26.32	E	10	G			0.5	6	AEGEAN SEA. ML 3.1 (ISK).
	30	04 45 54.0?	39.19	N	28.15	E	10	G			0.9	4	TURKEY. ML 2 6 (ISK).
	30	04 46 46.5	7.253	S	128.434	E	110		5.2		0.9	113	BANDA SEA
	30	05 34 21.2	23.018	S	66.500	W	245		4.3		0.7	14	JUJUY PROVINCE, ARGENTINA
	30	06 00 03.2	51.515	N	156.586	E	122	D	4.8		0.9	123	KAMCHATKA
	30	06 07 03.4%	44.542	N	7.062	E	10	G			0.7	6	NORTHERN ITALY. ML 1.9 (GEN).
	30	06 23 13.8*	21.188	S	67.341	W	206	*			1.1	12	CHILE-BOLIVIA BORDER REGION
	30	07 00 17.2?	29.90	N	16.74	W	5	G			1.7	4	CANARY ISLANDS REGION. MD 3.3 (MDD).
	30	07 41 38.2	39.017	N	27.613	E	10	G			0.2	5	TURKEY. ML 2.8 (ISK).
	30	08 14 36.2?	39.81	N	29.30	E	5	G			1.5	4	TURKEY ML 2.8 (ISK).
	30	08 32 26.0*	23.295	N	100.371	E	33	N	4.6		1.1	11	YUNNAN, CHINA
	30	08 55 32.8&	37.638	N	118.943	W	8					31	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
	30	09 28 31.3?	38.48	N	22.05	E	33	N			0.3	8	GREECE
	30	09 37 53.2?	42.55	N	23.05	E	10	G			0.4	6	BULGARIA
	30	09 38 42.9%	10.042	N	69.777	W	10	G			0.5	7	VENEZUELA. MD 3.4 (CAR).
	30	09 57 30.4*	8.682	N	67.071	W	33	N			0.7	7	VENEZUELA. MD 3.0 (CAR).
	30	10 17 48.8	48.722	N	153.188	E	157		4.6		0.9	82	KURIL ISLANDS
	30	10 20 56.7?	38.99	N	27.59	E	10	G			0.4	5	TURKEY. ML 2.8 (ISK).
	30	10 27 34.9	41.257	N	21.923	E	10	G			0.7	10	NORTHWESTERN BALKAN REGION. ML 1.5 (SKO).
	30	12 26 08.3%	40.275	N	29.645	E	10	G			0.3	6	TURKEY. ML 2.7 (ISK).
	30	13 24 23.4%	28.001	S	26.753	E	5	G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
f	30	14 12 20.0	3.674	S	142.703	E	6	G	5.9	5.6	0.8	323	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.8 (GS), 5.8 (HRV) Depth from broadband displacement seismograms.
	30	14 35 31.0*	38.464	N	23.060	E	10	G			0.7	9	GREECE ML 2.9 (ATH).
a	30	14 44 18.6*	17.600	S	173.326	W	33	N	5.0	5.5	0.9	62	TONGA ISLANDS. Mw 5.4 (HRV).
	30	15 00 07.0	39 238	N	29.102	E	10	G			0.5	17	TURKEY ML 3 4 (ISK).
	30	15 01 42.8	39 238	N	29.175	E	10	G			0.7	13	TURKEY ML 3 3 (ISK)
	30	15 21 02.7	36.648	N	116.148	W	5	G			0.7	33	CALIFORNIA-NEVADA BORDER REGION. ML 4.0 (GS), 4.4 (BRK).
	30	15 35 21.5*	42.731	N	17.145	E	10	G			1.4	16	ADRIATIC SEA
	30	15 42 29.6	39.296	N	29 130	E	17		3.9		0.9	43	TURKEY. MD 4 1 (ATH). ML 4 0 (ISK). Felt at Kutahya.
	30	15 43 49.4?	39.30	N	29.20	E	10	G			0.5	4	TURKEY
	30	15 52 09.7*	37 110	N	21.130	E	33	N			1.1	14	SOUTHERN GREECE
	30	16 19 50.5%	26 361	S	27.415	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
a	30	16 32 27.4	5.423	S	150 514	E	102	G	5.7		1.1	211	NEW BRITAIN REGION, P.N.G. Mw 5.7 (GS), 5.6 (HRV). Depth from broadband displacement seismograms.
	30	16 58 56.2?	39 24	N	29 06	E	10	G			1.2	4	TURKEY ML 2.7 (ISK).
	30	17 00 26.8%	39.277	N	29.213	E	5	G			0.6	13	TURKEY. ML 3.0 (ISK).
a	30	17 08 53.9	1.546	N	127.207	E	81	G	6	0	1.0	282	HALMAHERA, INDONESIA. Mw 6.1 (GS), 6.1 (HRV). Depth from broadband displacement seismograms.
	30	17 13 19.9	1.559	N	127.248	E	95	*	5.6		0.8	38	HALMAHERA, INDONESIA
	30	17 17 55.0	39.268	N	29.166	E	10	G			0.4	16	TURKEY. ML 3 5 (ISK).
	30	17 19 08.7%	39.236	N	29.182	E	10	G			0.5	9	TURKEY. ML 3 3 (ISK).
	30	17 35 28.4	8 683	S	74.829	W	138	D	4.5		0.8	49	PERU-BRAZIL BORDER REGION
	30	17 50 30.5%	44.534	N	7 195	E	11				0.3	11	NORTHERN ITALY ML 2 3 (GEN).
	30	18 22 41.6&	59.593	N	153.006	W	96					63	SOUTHERN ALASKA <AEIC>.

	30	18	39	39.3&	40.270	N	124.478	W	10				33	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). MD 3.2 (GM).
	30	19	09	38.5*	34.866	N	139.240	E	33	N	4.4	1.2	8	NEAR S. COAST OF HONSHU, JAPAN
	30	19	13	39.5	39.244	N	29.114	E	5	G		0.4	11	TURKEY. ML 2.9 (ISK).
	30	19	20	59.1*	16.991	N	97.034	W	10	G		1.4	7	OAXACA, MEXICO
	30	19	42	20.0*	34.930	S	70.229	W	10	G		0.9	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	30	19	42	57.0?	37.94	N	29.43	E	10	G		1.3	4	TURKEY. ML 3.0 (ISK).
	30	19	47	57.4%	39.291	N	29.147	E	10	G		0.9	5	TURKEY. ML 2.6 (ISK).
	30	19	53	31.9?	18.19	N	67.38	W	33	N		0.8	7	MONA PASSAGE
	30	20	24	34.9	32.698	S	71.572	W	50	*		0.8	21	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN). Felt (IV) at Valparaiso.
	30	21	01	22.3	46.429	N	15.031	E	6			0.7	16	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE). MD 3.2 (LJU). Felt (IV) at Ravne na Koroskem, Slovenia.
	30	21	08	58.5*	54.374	N	159.860	W	33	N	3.9	0.6	10	SOUTH OF ALASKA
	30	22	05	03.6?	18.62	N	66.76	W	33	N		0.2	6	PUERTO RICO REGION
	30	22	10	18.9	34.371	N	26.308	E	84	*	3.6	0.8	13	CRETE
	30	22	29	21.0	39.253	N	29.123	E	10	G		0.4	14	TURKEY. ML 3.1 (ISK).
	30	22	29	36.7*	26.793	S	71.266	W	108	?		1.0	9	OFF COAST OF NORTHERN CHILE
a	30	22	34	03.8	0.621	S	124.208	E	75		5.6	1.3	160	SOUTHERN MOLUCCA SEA. Mw 5.7 (HRV).
	30	22	51	24.3*	48.375	N	152.891	E	33	N	4.8 5.2	0.9	25	KURIL ISLANDS
	30	22	54	23.6	0.767	S	124.162	E	81	*	4.8	1.2	33	SOUTHERN MOLUCCA SEA
	30	23	48	31.6	39.383	N	20.457	E	55		4.5	1.1	137	GREECE-ALBANIA BORDER REGION. MD 4.2 (ATH).
	30	23	59	15.6&	59.098	N	153.221	W	83				32	SOUTHERN ALASKA. <AEIC>.
	31	00	00	49.5	39.425	N	20.453	E	36		4.7 4.4	1.3	215	GREECE-ALBANIA BORDER REGION. MD 4.6 (TTG), 4.3 (ATH).
	31	00	05	27.5*	28.713	N	55.561	E	33	N	4.1	0.8	12	SOUTHERN IRAN
	31	00	33	47.9*	36.606	N	70.936	E	204	?	3.8	1.3	14	HINDU KUSH REGION, AFGHANISTAN
	31	00	52	18.2?	38.19	N	13.61	E	10	G		0.3	4	SICILY
	31	01	00	39.1*	0.830	S	124.091	E	33	N	4.7 4.4	1.3	18	SOUTHERN MOLUCCA SEA
	31	01	50	49.4	39.255	N	20.424	E	23		3.3	0.8	21	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH) ML 3.4 (TIR).
	31	01	56	18.2%	18.135	N	67.003	W	26	?		0.2	8	MONA PASSAGE
	31	02	09	53.7&	38.834	N	122.815	W	2				50	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	31	03	13	45.6	41.373	N	142.129	E	65	D	4.9	1.0	120	HOKKAIDO, JAPAN REGION
	31	03	28	32.8	47.241	N	11.287	E	10	G		1.0	14	AUSTRIA. ML 2.8 (FUR), 2.6 (GRF).
	31	03	34	28.2?	30.20	S	68.71	W	33	N		0.9	4	SAN JUAN PROVINCE, ARGENTINA
	31	03	40	10.2*	17.553	N	101.558	W	33	N	4.0	1.4	20	NEAR COAST OF GUERRERO, MEXICO
	31	04	14	10.3	39.264	N	20.412	E	10	G		0.6	7	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	31	05	00	45.0	34.088	S	70 136	W	10	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	31	05	36	59.5	37.647	N	26.991	E	10	G		1.2	16	DODECANESE ISLANDS. ML 4.0 (ATH), 3.9 (ISK).
	31	05	56	20.8	33.196	S	70.136	W	10	G		0.6	13	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	31	06	12	58.5	34.912	N	139 249	E	33	N	4.5 4.5	1.1	33	NEAR S. COAST OF HONSHU, JAPAN. Felt (IV JMA) at Atami and Ito.
	31	06	58	51.8	39.255	N	20.475	E	10	G		0.7	10	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	31	07	35	17.8	39.332	N	20 468	E	16		3.6	1.0	31	GREECE-ALBANIA BORDER REGION. ML 3.7 (TIR). MD 3.5 (ATH).
	31	07	58	15.2?	10.95	N	62 57	W	110	G		0.9	5	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
	31	08	05	04.0?	31.93	S	68.84	W	100	G		0.9	5	SAN JUAN PROVINCE, ARGENTINA
	31	08	20	15.5	38 635	N	20 465	E	10	G		1.0	11	GREECE. MD 3.0 (ATH).
	31	08	25	05.3?	46.46	N	13.11	E	10	G		0.4	4	AUSTRIA. ML 2.0 (VIE).
a	31	08	34	22.0	72.448	S	174 838	E	10	G	5.3 5.1	1.0	135	ROSS SEA. Mw 5.5 (HRV). Believed to be the first instrumentally located hypocenter in this area.
	31	08	55	29.9&	34 120	N	116.995	W	6				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.4 (BRK), 3.8 (GS). Felt (IV) at Fawnskin, Redlands and Running Springs. Also felt at Highland and Forest Falls.
	31	09	58	28.2%	38 427	N	1.604	W	10	G		0.9	9	SPAIN. mbLg 2.8 (MDD).
	31	10	16	00.3?	39.37	N	28.23	E	10	G		0.7	4	TURKEY. ML 2.7 (ISK).
	31	11	13	21.9%	31.769	S	68.677	W	100	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
	31	12	27	14.2&	58.931	N	153.601	W	89		3.0		42	KODIAK ISLAND REGION. <AEIC>.
	31	12	43	20.9%	44.739	N	27.177	E	10	G		1.5	7	ROMANIA
	31	13	34	10.0	39 268	N	20 437	E	10	G	3.8	1.0	37	GREECE-ALBANIA BORDER REGION. ML 3.6 (TIR). MD 3.5 (ATH).
	31	13	38	12.9*	37.767	N	66 581	E	50	?	4.1	1.4	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	31	14	37	31.9?	0.45	S	91.78	W	10	G	4.1	1.1	6	GALAPAGOS ISLANDS
	31	14	40	36.5	10.078	N	85.903	W	25	D	4.3	1.3	39	COSTA RICA
	31	15	01	29.7?	15.15	N	61.00	W	120	G		0.2	7	LEEWARD ISLANDS
	31	16	21	51.6%	26.371	S	27 392	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	31	16	46	42.3%	26.370	S	27.520	E	5	G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	31	18	01	54.2?	35.21	N	70.73	E	365	?	4.3	0.8	9	HINDU KUSH REGION, AFGHANISTAN
	31	19	28	19.8*	10.824	S	165.766	E	44	*	4.7 4.1	1.0	19	SANTA CRUZ ISLANDS
	31	19	47	51.5?	31.73	S	70.56	W	110	G		1.1	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	31	19	53	29.7*	36.599	N	71.626	E	33	N	4.8 3.4	1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	31	20	08	07.5%	42.523	N	13 243	E	10	G		0.6	8	CENTRAL ITALY
	31	20	18	22.8?	16.24	N	60.99	W	10	G		0.5	4	LEEWARD ISLANDS. ML 3.0 (FDF).
a	31	21	15	02.5	29.390	S	176 373	W	68	*	5.1	1.0	71	KERMADEC ISLANDS REGION. Mw 5.1 (HRV).
	31	21	57	12.8	31.278	S	68.216	W	111			0.6	12	SAN JUAN PROVINCE, ARGENTINA
	31	22	35	54.9%	39.249	N	29.065	E	10	G		0.4	6	TURKEY
	31	22	54	42.3&	64.542	N	147.810	W	13				28	CENTRAL ALASKA <AEIC>. ML 2.7 (AEIC).

ADDITIONAL SOURCE PARAMETERS

01 01 43 26.97 15.721S 69.357W 260km
4.8mb (50 obs.)
PERU-BOLIVIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 43C
Centroid Location:
Origin Time 01:43:33.8 0.3
Lat 15.64S 0.04 Lon 69.37W 0.05
Dep 264.7 1.8 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.47 Plg=39 Azm=332
N 0.02 19 79
P -1.50 45 189
Best Double Couple:Mo=1.5*10**17
NP1:Strike=357 Dip=19 Slip=-172
NP2: 260 87 -71

01 02 48 55.89 26.414N 127.269E 55km
5.4mb (94 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 44C
Centraid Location:
Origin Time 02:48:58.8 0.4
Lat 25 86N 0.04 Lon 126.63E 0.04
Dep 63.7 2.1 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.76 Plg=41 Azm=228
N 0.27 47 24
P -2.04 12 127
Best Double Couple:Mo=1.9*10**17
NP1:Strike=259 Dip=53 Slip= 157
NP2: 4 72 40

01 08 52 55.24 3.771S 131.378E 24km
5.4mb (40 obs.) 4.9Msz (32 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 24C
Centroid Location:
Origin Time 08:52:59.1 0.7
Lat 3.78S 0.08 Lon 131.69E 0.08
Dep 29.1 5.0 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.94 Plg=58 Azm=206
N -1.78 12 316
P -10.15 29 53
Best Double Couple:Mo=1.1*10**17
NP1:Strike=174 Dip=19 Slip= 129
NP2: 313 75 78

02 11 26 54.87 56.415S 24.491W 13km
6.3mb (33 obs.) 6.4Msz (38 obs.)
SOUTH SANDWICH ISLANDS REGION
RADIATED ENERGY
No. of sta: 5 Focal mech. C
Energy 1.1±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 9
Principal Axes:
Scale 10**18 Nm
T Val= 4.35 Plg=19 Azm=264
N -0.01 24 166
P -4.35 59 28
Best Double Couple:Mo=4.4*10**18
NP1:Strike= 28 Dip=34 Slip= -43
NP2: 155 68 -116
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, **C M.W.: 35S, 73C
Centroid Location:
Origin Time 11:27: 4.0 0.1
Lat 56.45S 0.01 Lon 23 92W 0.01
Dep 15.0 BDY Half-durotion 4.1
Principal Axes:
Scale 10**18 Nm
T Val= 5.40 Plg=19 Azm=241
N -0.57 10 148
P -4.83 68 30
Best Double Couple Mo=5.1*10**18
NP1:Strike=348 Dip=28 Slip= -67
NP2: 143 64 -102

02 15 11 55.26 0.971N 27.794W 10km
4.7mb (17 obs.) 4.9Msz (5 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 21C
Centroid Location:
Origin Time 15:12: 1.3 0.7
Lat 1.20N 0.09 Lon 27.89W 0.06
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.05 Plg= 6 Azm= 38
N -0.08 84 228
P -1.97 1 128
Best Double Couple:Mo=2.0*10**17
NP1:Strike=173 Dip=85 Slip= 4
NP2: 83 86 175

02 15 26 02.58 21.151S 175.883W 120km
5.7mb (64 obs.)
TONGA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 33 Dip=57 Slip=-107
NP2: 242 37 -66
Principal Axes:
T Plg=10 Azm=135
P 72 260
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 1.6±0.4*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 41C
Centroid Location:
Origin Time 15:26:10.4 0.6
Lat 20.93S 0.07 Lon 175.71W 0.06
Dep 154.6 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.24 Plg=10 Azm=149
N 0.29 29 54
P -3.53 59 256
Best Double Couple.Mo=3.4*10**17
NP1:Strike=270 Dip=43 Slip= -45
NP2: 36 61 -124

02 21 15 23.58 59.852S 26.302W 33km
5.3mb (22 obs.) 5.3Msz (6 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 51C
Centraid Location:
Origin Time 21:15:28.0 0.3
Lat 60.33S 0.05 Lon 25.92W 0.09
Dep 35.3 3.5 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.43 Plg=33 Azm= 3
N 0.57 16 103
P -2.01 53 215
Best Double Couple:Mo=1.7*10**17
NP1:Strike= 49 Dip=19 Slip=-146
NP2: 286 79 -74

03 23 15 06.66 14.404S 173.021W 23km
5.1mb (3 obs.) 4.9Msz (4 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 21C
Centroid Location:
Origin Time 23:15:10.8 1.0
Lot 14 83S 0.11 Lon 173.07W 0.10
Dep 15.0 FIX Holf-durotion 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.47 Plg=41 Azm=321
N -0.24 21 211
P -1.23 42 101
Best Double Couple:Mo=1.4*10**17
NP1:Strike=120 Dip=21 Slip= -1
NP2: 211 90 -111

04 00 09 32.72 27.973S 176.670W 59km
5.3mb (28 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 62C
Centroid Location:
Origin Time 00:09:34.3 0.3
Lat 27.65S 0.05 Lan 176.42W 0.04
Dep 15.0 BDY Half-duratian 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.20 Plg=56 Azm=282
N 0.34 4 187
P -3.54 34 94
Best Double Couple:Mo=3.4*10**17
NP1:Strike=169 Dip=12 Slip= 72
NP2: 7 79 94

04 06 48 23.55 9.669N 125.303E 39km
5.4mb (48 obs.) 4.6Msz (14 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 20C
Centroid Locatian:
Origin Time 06:48:22.8 0.6
Lat 9.73N 0 06 Lan 125.42E 0.08
Dep 27.2 4.9 Half-duratian 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.10 Plg=73 Azm= 47
N -1.02 0 138
P -6.08 17 228
Best Double Couple:Mo=6.6*10**16
NP1:Strike=318 Dip=28 Slip= 90
NP2: 138 62 90

05 11 38 27.25 19.547S 68.978W 131km
5.2mb (59 obs.)
CHILE-BOLIVIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 16C
Centroid Location:
Origin Time 11:38:33.9 0.5
Lot 20.19S 0.07 Lon 69.32W 0.08
Dep 140.2 3.2 Half-duratian 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.86 Plg=20 Azm= 77
N -0.64 60 204
P -1.22 22 339
Best Double Couple:Mo=1.5*10**17
NP1:Strike=119 Dip=60 Slip=-178
NP2: 28 88 -30

05 18 21 31.73 39.097N 141.678E 100km
5.3mb (93 obs.)
EASTERN HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 35C
Centroid Location:
Origin Time 18:21:34.2 0.3
Lat 39.29N 0.04 Lon 141.47E 0.04
Dep 107.6 2.9 Half-duratian 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.31 Plg=23 Azm=244
N 0.24 21 344
P -1.54 58 112
Best Double Couple:Mo=1.4*10**17
NP1:Strike=300 Dip=29 Slip=-138
NP2: 171 71 -68

06 05 42 03.06 0.895N 123.171E 37km
5.2mb (42 obs.) 4.9Msz (10 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 60C
Centroid Location:
Origin Time 05:42: 9.6 0.5
Lat 1.35N 0.04 Lon 123.18E 0.04
Dep 31.9 2.3 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.50 Plg=68 Azm=244
N 0.09 18 100

P -1.59 12 6
Best Double Couple Mo=1.5*10**17
NP1:Strike= 74 Dip=37 Slip= 59
NP2: 292 59 111

06 07 58 47.96 46.711N 153.513E 37km
5.7mb (97 obs.) 5.3Msz (33 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 82C
Centroid Location:
Origin Time 07:58:51.6 0.2
Lat 46.64N 0.02 Lon 153.82E 0.02
Dep 46.6 1.3 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.72 Plg=73 Azm=326
N 0.06 9 206
P -3.77 14 114
Best Double Couple:Mo=3.7*10**17
NP1:Strike=192 Dip=31 Slip= 73
NP2: 31 60 100

06 13 03 18.11 8.472S 71.485W 573km
5.8mb (113 obs.)
WESTERN BRAZIL
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=170 Dip=45 Slip= -90
NP2: 350 45 -90
Principal Axes:
T Plg= 0 Azm= 80
P 90 0
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No of sta: 18 Focal mech. F
Energy 9.2±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 568 No. of sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 1.61 Plg= 4 Azm= 64
N -0.23 32 156
P -1 38 57 328
Best Double Couple.Mo=1.5*10**18
NP1:Strike=124 Dip=50 Slip=-134
NP2. 1 57 -50
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 99C
Centroid Location:
Origin Time 13:03:25.4 0.1
Lat 8.33S 0.01 Lon 71.38W 0.02
Dep 595.3 0.9 Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.74 Plg= 4 Azm=243
N 0.10 11 152
P -1.85 79 350
Best Double Couple:Mo=1.8*10**18
NP1:Strike=344 Dip=43 Slip= -74
NP2: 143 49 -104

06 20 35 55.62 14.395N 40.126E 10km
5.1mb (55 obs.) 4.7Msz (2 obs.)
ETHIOPIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 39C
Centroid Location:
Origin Time 20:36: 2.9 0.5
Lat 14.52N 0.06 Lon 40.14E 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes.
Scale 10**16 Nm
T Val= 9.38 Plg= 0 Azm=247
N -1.09 0 157
P -8.28 90 180
Best Double Couple.Mo=8 8*10**16
NP1.Strike=337 Dip=45 Slip= -90
NP2: 157 45 -90

09 07 51 59.60 7 918N 125.996E 46km
4 9mb (32 obs) 4.7Msz (4 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 26C
Centroid Location:
Origin Time 07:51.59.7 0.7
Lat 8.16N 0.07 Lon 126 23E 0.08
Dep 33.7 6.1 Half-durotion 1.0
Principal Axes:
Scole 10**16 Nm
T Vol= 7.79 Plg=12 Azm=203
N 0.28 78 11
P -8.07 2 112
Best Double Couple:Mo=7.9*10**16
NP1:Strike=247 Dip=80 Slip= 173
NP2: 338 83 10

10 02 01 10.83 35.536S 103.950W 10km
4.7mb (3 obs.) 5.1Msz (2 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 65C
Centraid Lacation:
Origin Time 02:01:14.6 0.3
Lat 35.71S 0.03 Lon 103.80W 0.03
Dep 15.0 FIX Half-durotion 1.3
Principal Axes:
Scale 10**17 Nm
T Vol= 1.56 Plg= 0 Azm=234
N 0.09 90 180
P -1.66 0 144
Best Double Couple:Mo=1.6*10**17
NP1:Strike=279 Dip=90 Slip=-180
NP2: 9 90 0

10 04 03 41.26 53.024S 118.037W 10km
5.1mb (11 obs.) 5.6Msz (9 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 91C
Centroid Location:
Origin Time 04:03:51.4 0.1
Lat 53.38S 0.02 Lon 117.96W 0.03
Dep 15.0 FIX Half-durotion 2.1
Principal Axes:
Scale 10**17 Nm
T Vol= 6.40 Plg=15 Azm= 66
N -1.07 73 222
P -5.33 7 334
Best Double Couple:Mo=5.9*10**17
NP1:Strike=109 Dip=74 Slip= 174
NP2: 201 84 16

11 02 51 41.77 2.345N 99.885W 10km
5 0mb (22 obs) 4.9Msz (20 obs.)
WEST OF GALAPAGOS ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 37S, 63C
Centroid Location:
Origin Time 02:51:49.2 0.3
Lat 2.31N 0.04 Lon 99.66W 0.04
Dep 15.0 FIX Half-durotion 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.80 Plg= 4 Azm=344
N -0.15 72 87
P -2.65 18 252
Best Double Couple:Mo=2.7*10**17
NP1:Strike= 29 Dip=74 Slip=-170
NP2: 297 81 -16

11 16 24 59.58 24.919S 70.464W 47km
5.4mb (49 obs.) 4.9Msz (30 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 79C
Centroid Location:
Origin Time 16:25: 7.2 0.2
Lat 24.71S 0.02 Lon 70.45W 0.03
Dep 62.4 3.3 Half-durotion 1.8
Principal Axes:
Scale 10**17 Nm
T Vol= 4.27 Plg=44 Azm= 85
N -0.13 8 183
P -4.15 45 281
Best Double Couple.Mo=4.2*10**17
NP1:Strike= 99 Dip= 8 Slip=-175
NP2: 3 89 -82

11 18 26 51.32 7.219N 126.570E 59km
6.1mb (137 obs.) 6.6Msz (61 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 10 Dip=63 Slip= 90
NP2: 190 27 90
Principal Axes:
T Plg=72 Azm=280
P 18 100
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 1.0±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 43 No. of sta: 25
Principal Axes:
Scale 10**19 Nm
T Val= 3.76 Plg=58 Azm=342
N 0.00 32 174
P -3.77 5 81
Best Double Couple:Mo=3.8*10**19
NP1:Strike=141 Dip=48 Slip= 46
NP2: 17 58 128
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C M.W.: 44S, **C
Centroid Location:
Origin Time 18:26:59.7 0.1
Lat 7.07N 0.01 Lon 127.00E 0.01
Dep 46.5 0.3 Half-duration 7.1
Principal Axes:
Scale 10**19 Nm
T Val= 3.39 Plg=71 Azm= 4
N -0.06 19 195
P -3.33 3 104
Best Double Couple:Mo=3.4*10**19
NP1:Strike=175 Dip=45 Slip= 63
NP2: 31 51 114

12 11 59 14.32 20.460S 177.812W 531km
5.3mb (56 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 47C
Centroid Location:
Origin Time 11:59:18.9 0.4
Lat 20.23S 0.05 Lon 177.89W 0.03
Dep 521.6 2.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.19 Plg=12 Azm= 78
N -0.32 28 174
P -1.87 59 326
Best Double Couple:Mo=2.0*10**17
NP1:Strike=137 Dip=41 Slip=-135
NP2: 10 63 -59

12 13 06 44.02 3.836S 135.481E 33km
5.0mb (32 obs.) 5.3Msz (29 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 43C
Centroid Location:
Origin Time 13:06:45.9 0.4
Lat 3.79S 0.05 Lon 135.31E 0.06
Dep 15.0 FIX Half-duratian 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 2.56 Plg=19 Azm=287
N -0.91 68 136
P -1.65 10 21
Best Double Couple:Mo=2.1*10**17
NP1:Strike= 65 Dip=69 Slip= 7
NP2: 333 84 159

13 10 24 40.40 61.988N 147.033W 59km
5.3mb (92 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 42C
Centroid Location:
Origin Time 10:24:45.5 0.3
Lat 61.69N 0.06 Lon 147.25W 0.09
Dep 69.4 3.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.14 Plg= 4 Azm=315
N -2.30 6 46
P -4.83 82 190
Best Double Couple:Mo=6.0*10**16
NP1.Strike= 39 Dip=41 Slip= -99

NP2: 231 50 -82

13 11 59 49.25 55.177N 160.458W 32km
6.4mb (165 abs.) 6.8Msz (45 obs.)
ALASKA PENINSULA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 57 Dip=73 Slip= 90
NP2: 237 17 90
Principal Axes:
T Plg=62 Azm=327
P 28 147
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 33 Focal mech. M
Energy B.6±1.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 42
Principal Axes:
Scale 10**19 Nm
T Val= 2.31 Plg=65 Azm=338
N -0.02 4 239
P -2.29 25 148
Best Double Couple.Mo=2.3*10**19
NP1:Strike=229 Dip=20 Slip= 79
NP2: 61 70 94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C M.W.: 45S, **C
Centraid Lacatian:
Origin Time 11:59:56.5 0.1
Lat 54.70N 0.01 Lan 159.95W 0.01
Dep 40.7 BDY Half-duratian 6.8
Principal Axes:
Scale 10**19 Nm
T Val= 2.44 Plg=66 Azm=329
N 0.03 1 61
P -2.47 24 151
Best Double Cauple:Mo=2.5*10**19
NP1:Strike=243 Dip=21 Slip= 93
NP2: 60 69 89

13 23 41 38.43 55.017N 160.162W 33km
5.3mb (96 abs.)
ALASKA PENINSULA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 9S, 10C
Centraid Lacatian:
Origin Time 23:41:43.1 1.7
Lat 54.89N 0.17 Lon 159.84W 0.21
Dep 40.810 3 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.34 Plg=73 Azm=322
N 2.58 0 232
P -5.92 17 142
Best Double Couple:Ma=4.6*10**16
NP1:Strike=232 Dip=28 Slip= 90
NP2: 52 62 90

14 10 00 27.39 2.374N 126.741E 36km
5.3mb (41 abs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 34C
Centroid Lacatian:
Origin Time 10:00:33.7 0.4
Lat 2.80N 0.06 Lan 126.88E 0.06
Dep 52.6 3.7 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.26 Plg=49 Azm= 40
N -1.64 39 198
P -7.62 11 297
Best Double Couple:Mo=8.4*10**16
NP1:Strike= 65 Dip=48 Slip= 148
NP2: 178 67 47

14 21 29 45.04 10.823S 161.358E 25km
5.4mb (46 obs.) 5.2Msz (12 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 60C
Centroid Location:
Origin Time 21:29:50.8 0.2
Lat 10.84S 0.03 Lon 161 55E 0.03
Dep 31.7 2.2 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.50 Plg=75 Azm= 70
N 0.27 12 290
P -1.77 9 198
Best Double Couple:Ma=1.6*10**17
NP1:Strike=273 Dip=37 Slip= 70
NP2: 118 56 105

15 01 41 11.22 22.257S 169.507E 25km
5.5mb (17 obs.) 5.2Msz (19 abs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 14C
Centroid Lacatian:
Origin Time 01:41:19.5 1.3
Lat 22.19S FIX;Lan 169.48E FIX
Dep 15.0 FIX Half-duratian 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.66 Plg= 5 Azm=297
N -0.22 21 205
P -2.44 69 39
Best Double Couple:Ma=2.5*10**17
NP1:Strike= 48 Dip=44 Slip= -60
NP2: 189 53 -116

15 01 55 38.80 7.230N 126.641E 31km
5.6mb (76 obs.) 5.1Msz (35 abs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 69C
Centraid Location:
Origin Time 01:55:47.1 0.2
Lat 7.19N 0.03 Lan 127.12E 0.03
Dep 28.0 FIX Half-duratian 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.62 Plg=64 Azm= 3
N -0.72 24 207
P -4.90 9 113
Best Double Couple:Ma=5.3*10**17
NP1:Strike=177 Dip=41 Slip= 52
NP2: 42 59 118

15 03 09 38.19 16.673N 98.417W 20km
5.9mb (94 abs.) 5.8Msz (15 abs.)
NEAR COAST OF GUERRERO, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1.Strike=115 Dip=77 Slip= 90
NP2: 295 13 90
Principal Axes:
T Plg=58 Azm= 25
P 32 205
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sto: 6 Focal mech. M
Energy 8.5±2.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 17 No. of sto: 13
Principal Axes:
Scale 10**18 Nm
T Val= 1.17 Plg=48 Azm= 49
N -0.05 21 294
P -1.13 35 189
Best Double Cauple:Ma=1.1*10**18
NP1:Strike=224 Dip=22 Slip= 19
NP2: 117 83 111

15 03 12 32.72 16 698N 98.395W 21km
6.1mb (70 obs.) 5.9Msz (32 abs.)
NEAR COAST OF GUERRERO, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=134 Dip=72 Slip= 90
NP2: 314 18 90
Principal Axes:
T Plg=63 Azm= 44
P 27 224
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 1.58 Plg=64 Azm= 74
N 0.21 22 291
P -1.79 15 195
Best Double Couple:Mo=1.7*10**18
NP1:Strike=258 Dip=36 Slip= 51
NP2: 123 63 114
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 59C
Centraid Lacatian:
Origin Time 03:12:36.3 0.6
Lat 16.45N 0.05 Lan 97.92W 0.04
Dep 38.5 BDY Half-duratian 2.5
Principal Axes:
Scale 10**18 Nm
T Val= 1.26 Plg=51 Azm= 72
N 0.31 30 297
P -1.56 23 194
Best Double Couple:Ma=1.4*10**18
NP1:Strike=242 Dip=35 Slip= 30
NP2: 127 74 121

15 05 23 39.56 28.073S 176.637W 33km
5.3mb (32 abs.) 5.3Msz (9 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 52C
Centroid Location:
Origin Time 05:23:42.1 0.3
Lat 28.03S 0.05 Lon 176.14W 0.05
Dep 15.0 BDY Half-duratian 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.97 Plg=60 Azm=291
N 0.09 6 189
P -3.05 29 96
Best Double Couple:Mo=3.0*10**17
NP1:Strike=168 Dip=17 Slip= 68
NP2: 11 74 97

15 15 34 47.43 31.882S 178.884W 47km
5.2mb (13 abs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 41C
Centroid Lacatian:
Origin Time 15:34:53.3 0.5
Lat 31.51S 0.06 Lan 178.35W 0.04
Dep 54.7 3.8 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.39 Plg=71 Azm=317
N 1.25 12 188
P -7.64 14 95
Best Double Couple:Ma=7.0*10**16
NP1:Strike=168 Dip=32 Slip= 67
NP2: 15 61 104

15 20 39 19.99 54.710S 131.925W 10km
5.1mb (14 abs.) 5.5Msz (18 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 66C
Centroid Location:
Origin Time 20:39:27.6 0.2
Lat 54.23S 0.03 Lan 132.04W 0.03
Dep 15.0 FIX Half-duratian 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 4.09 Plg= 0 Azm=153
N 0.24 90 180
P -4.33 0 63
Best Double Couple:Ma=4.2*10**17
NP1:Strike=198 Dip=90 Slip=-180
NP2: 288 90 0

15 21 52 25.34 51.374N 178.669W 32km
6.2mb (163 obs.) 6.6Msz (45 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1.Strike= 50 Dip=75 Slip= 90
NP2: 230 15 90
Principal Axes:
T Plg=60 Azm=320
P 30 140
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

RADIATED ENERGY
No. of sta: 27 Focal mech. F
Energy 6.3±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 25 No. of sta: 41
Principal Axes:
Scale 10**19 Nm
T Val= 1.98 Plg=50 Azm=320
N 0.03 14 68
P -2.01 36 169
Best Double Couple:Mo=2.0*10**19
NP1:Strike=311 Dip=16 Slip= 154
NP2: 66 83 75
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, **C M.W.: 44S, **C
Centroid Location:
Origin Time 21:52:34.8 0.1
Lat 51.16N 0.01 Lon 178 45W 0.01
Dep 25.5 0.4 Half-duration 2.0
Principal Axes:
Scale 10**19 Nm
T Val= 2.42 Plg=60 Azm=316
N 0.07 7 59
P -2.49 28 154
Best Double Couple:Mo=2.5*10**19
NP1:Strike=263 Dip=18 Slip= 115
NP2: 57 74 82

16 16 09 37.32 34.325S 108.941W 10km
4.9mb (13 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 24C
Centroid Location:
Origin Time 16.09:35.5 0.8
Lat 35.47S 0.08 Lon 109.42W 0.07
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.21 Plg= 0 Azm=221
N 0.06 90 180
P -1.26 0 131
Best Double Couple:Mo=1.2*10**17
NP1:Strike=266 Dip=90 Slip=-180
NP2: 356 90 0

16 16 24 44.56 2.097N 126.552E 44km
5.2mb (37 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P B.: 21S, 36C
Centroid Location:
Origin Time 16:24:49.8 0.6
Lat 2.55N 0.05 Lon 126.70E 0.05
Dep 26.0 3.1 Half-duration 2.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.15 Plg=83 Azm= 13
N 1.12 6 224
P -11.27 3 133
Best Double Couple:Mu=1.1*10**17
NP1:Strike=217 Dip=42 Slip= 81
NP2: 49 49 98

16 21 44 48.94 15.286S 173.332W 21km
6.1mb (77 obs.) 6.7Msz (56 obs.)
TONGA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=280 Dip=75 Slip= 150
NP2: 18 61 17
Principal Axes:
T Plg=32 Azm=236
P 9 332
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 1.3±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 10 No. of sta: 30
Principal Axes:
Scale 10**18 Nm
T Val= 8.17 Plg=45 Azm=234
N -0.09 40 87
P -8.08 17 342
Best Double Couple:Mo=8.1*10**18
NP1:Strike= 29 Dip=45 Slip= 24
NP2: 282 73 133
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C M.W.: 37S, 67C
Centroid Location:
Origin Time 21:44.58.9 0.1
Lat 15.27S 0.01 Lon 173.12W 0.01
Dep 31.7 0.4 Half-duration 2.0
Principal Axes:
Scale 10**18 Nm
T Val= 9.12 Plg=50 Azm=172
N -0.41 22 291
P -8.71 31 36
Best Double Couple:Mo=8.9*10**18
NP1:Strike=174 Dip=25 Slip= 154
NP2: 287 79 67

17 02 08 37.09 11.105N 124.846E 33km
5.5mb (54 obs.) 5.4Msz (19 obs.)
LEYTE, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 02:08:36.9 0.4
Lat 11 19N 0.05 Lon 124.36E 0.06
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 3.87 Plg=15 Azm=352
N 0.06 53 241
P -3.93 32 93
Best Double Couple.Mo=3.9*10**17
NP1:Strike=128 Dip=55 Slip= -13
NP2: 226 79 -145

17 06 06 12 92 54.981N 160.038W 33km
5.5mb (125 obs.) 5.3Msz (40 obs.)
ALASKA PENINSULA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 73C
Centroid Location:
Origin Time 06 06:15.4 0.2
Lat 54.61N 0 02 Lon 159 66W 0.03
Dep 33.7 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3 43 Plg=65 Azm=322
N 0.35 2 56
P -3.78 25 147
Best Double Couple Mo=3.6*10**17
NP1:Strike=241 Dip=20 Slip= 95
NP2: 55 70 88

17 16 02 53.12 5.343S 151.985E 17km
5.7mb (66 obs.) 6.3Msz (56 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=65 Slip= 65
NP2: 293 35 132
Principal Axes:
T Plg=62 Azm=296
P 16 173
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 1.7±0.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 3.11 Plg=65 Azm=325
N -0.06 4 65
P -3.05 24 156
Best Double Couple:Mo=3.1*10**18
NP1:Strike=256 Dip=21 Slip= 102
NP2: 63 69 85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C M.W.: 31S, 54C
Centroid Location:
Origin Time 16:03: 2.2 0.1
Lat 5.45S 0.01 Lon 152 26E 0.01
Dep 23.4 0.4 Half-duration 4 0
Principal Axes:
Scale 10**18 Nm
T Val= 4.40 Plg=64 Azm=336
N 0.18 1 68
P -4.59 26 158
Best Double Couple:Mo=4.5*10**18
NP1:Strike=250 Dip=19 Slip= 92
NP2: 68 71 89

17 23 20 49.22 37.171N 117.775W 7km
6.0mb (100 obs.) 6.0Msz (34 obs.)
CALIFORNIA-NEVADA BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 27 Dip=68 Slip= -43
NP2: 136 51 -151
Principal Axes:
T Plg=11 Azm= 85
P 45 344
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 1.8±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 1.61 Plg=10 Azm=116
N 0.00 19 210
P -1.61 69 1
Best Double Couple:Mo=1.6*10**18
NP1:Strike=185 Dip=39 Slip=-121
NP2: 43 57 -67
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 72C M.W.: 23S, 39C
Centroid Location:
Origin Time 23:20:53.9 0.1
Lat 36.68N 0.02 Lan 118.10W 0.01
Dep 15.0 FIX Half-duratian 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 2 02 Plg=15 Azm=122
N -0.38 1 213
P -1.64 75 308
Best Double Couple:Mo=1.8*10**18
NP1:Strike=210 Dip=30 Slip= -93
NP2: 33 60 -88

18 05 13 57.32 5.369S 152.370E 33km
4.9mb (17 obs.) 4.8Msz (15 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 30C
Centraid Locatian:
Origin Time 05:14: 4.5 1.0
Lat 4.93S 0.12 Lan 152.82E 0.13
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.49 Plg=56 Azm= 0
N -1.01 12 252
P -8.48 31 154
Best Double Couple:Mo=9.0*10**16
NP1:Strike=210 Dip=18 Slip= 47
NP2: 74 77 102

18 08 04 18.98 61.031N 149.953W 51km
5.2mb (106 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 49C
Centroid Locatian:
Origin Time 08:04:23.6 0.2
Lat 60.83N 0.05 Lon 149.87W 0.06
Dep 67.3 3.2 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.52 Plg= 4 Azm=102
N -1.06 22 10
P -5.46 67 202
Best Double Couple:Mo=6.0*10**16
NP1:Strike=215 Dip=45 Slip= -58
NP2: 352 53 -118

18 10 19 33.78 19.914N 122.450E 169km
6 4mb (118 obs.)
PHILIPPINE ISLANDS REGION

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=53 Slip=-152
NP2: 92 68 -40
Principal Axes:
T Plg= 9 Azm=149
P 44 50
Comment: The focal mechanism is maderately well controlled and correspands to strike-slip faulting with a large narmal campanent. The preferred fault plane is nat determined.
RADIATED ENERGY
No. of sta: 10 Facal mech. F
Energy 1.6±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 177 Na. of sta: 20
Principal Axes:
Scale 10**19 Nm
T Val= 2.15 Plg=12 Azm=148
N -0.37 42 248
P -1.78 46 45
Best Double Cauple:Mo=2.0*10**19
NP1:Strike=198 Dip=49 Slip=-152
NP2: 89 69 -44
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 39S, 94C
Centraid Locatian:
Origin Time 10:19:42.3 0.1
Lat 19.97N 0.01 Lan 122.65E 0.01
Dep 188.2 0.5 Half-duratian 5.5
Principal Axes:
Scale 10**18 Nm
T Val= 12.23 Plg= 8 Azm=140
N 0.78 34 235
P -13.01 55 38
Best Double Cauple:Mo=1.3*10**19
NP1:Strike=197 Dip=47 Slip=-140
NP2: 77 62 -51

19 12 03 28.37 8.347S 121.992E 40km
5 8mb (50 abs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Dota Used GDSN
L P.B.: 36S, 71C
Centraid Location:
Origin Time 12:03:32.7 0.4
Lat 8.25S 0.05 Lon 122.43E 0.05
Dep 15.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 3.61 Plg=54 Azm=261
N -0.75 29 39
P -2.87 20 140
Best Double Cauple:Ma=3.2*10**17
NP1:Strike=269 Dip=35 Slip= 146
NP2: 28 71 60

20 04 55 54.45 13.757N 90.952W 31km
5.1mb (52 obs.) 5.3Msz (26 abs)
NEAR COAST OF GUATEMALA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 90C
Centraid Locatian:
Origin Time 04:55:58.7 0.2
Lat 13.47N 0.02 Lan 91.41W 0.02
Dep 30.6 1.2 Half-duratian 1 9
Principal Axes:
Scale 10**17 Nm
T Val= 4.99 Plg=70 Azm= 48
N 0.38 10 289
P -5.37 17 196
Best Double Cauple:Mo=5.2*10**17
NP1:Strike=271 Dip=29 Slip= 69
NP2: 114 63 101

20 11 08 11.21 0.023S 124.793E 30km
5.9mb (77 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C
Centraid Location:
Origin Time 11:08:18.3 0.2
Lat 0.13S 0.02 Lan 125.29E 0.02
Dep 49.2 1.6 Half-duratian 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.89 Plg=73 Azm=279
N 0.04 7 32
P -3.93 15 124
Best Double Cauple.Ma=3 9*10**17
NP1:Strike=224 Dip=30 Slip= 103
NP2: 28 61 82

21 02 36 39.54 35.993N 139.694E 74km
5.2mb (114 obs.)
NEAR S. COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 29C
Centraid Lacatian:
Origin Time 02:36:38.5 0.6
Lat 35.93N 0.05 Lon 140.40E 0.10
Dep 48.7 4.0 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.45 Plg=61 Azm=286
N -1.08 18 53
P -7.37 22 150
Best Double Cauple:Ma=7.9*10**16
NP1:Strike=270 Dip=28 Slip= 131
NP2: 45 69 71

21 06 12 11.87 51 897N 176.563W 61km
5.3mb (82 abs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 53C
Centraid Lacatian:
Origin Time 06:12:14.4 0.3
Lat 52.11N 0.05 Lan 176.81W 0.04
Dep 70.9 3 8 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.35 Plg=12 Azm=252
N 5.08 50 357
P -13.43 37 153
Best Double Cauple.Mo=1.1*10**17
NP1:Strike=299 Dip=55 Slip=-160
NP2: 197 74 -37

22 04 58 12.30 3.856S 146.176E 94km
5.1mb (8 obs.)
BISMARCK SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 32C
Centraid Location:
Origin Time 04.58.10.0 0.5
Lat 3.49S 0.07 Lan 145.51E 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 12.32 Plg=29 Azm=130
N -5.65 60 294
P -6.67 7 36
Best Double Cauple:Mo=9.5*10**16
NP1:Strike=169 Dip=64 Slip= 163
NP2: 266 75 27

22 13 53 00.28 55.980S 27.477W 113km
5.3mb (14 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B.: 21S, 38C
Centraid Locotion:
Origin Time 13:53: 4.0 0.4
Lat 56 03S 0.04 Lan 27.51W 0.06
Dep 105.8 2.8 Half-duratian 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 15 56 Plg=53 Azm=145
N -2.03 31 288
P -13.54 18 29
Best Double Cauple.Ma=1.5*10**17
NP1:Strike=157 Dip=38 Slip= 146
NP2: 275 69 57

23 01 44 39.68 9 087N 85 552W 33km
4 8mb (49 abs) 4 7Msz (5 abs.)
OFF COAST OF COSTA RICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B.: 20S, 27C
Centraid Locotion:
Origin Time 01·44:36.9 1.0
Lat 8.80N 0.12 Lan 85 26W 0.08
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8 33 Plg= 3 Azm=136
N 5.55 47 43
P -13.88 43 230
Best Double Couple.Mo=1.1*10**17
NP1:Strike=264 Dip=58 Slip= -31
NP2: 11 64 -144

23 06 59 54.16 16.171S 167.914E 178km
5.4mb (53 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 56C
Centraid Locatian:
Origin Time 07:00: 1.0 0.3
Lat 15.93S 0.04 Lan 167.78E 0.03
Dep 181.0 1.2 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.94 Plg=35 Azm=149
N -0.14 54 348
P -3.80 9 246
Best Double Cauple.Mo=3.9*10**17
NP1:Strike=294 Dip=59 Slip= 20
NP2: 193 73 147

24 23 51 20.83 23.238S 66.631W 221km
6.2mb (121 obs.)
JUJUY PROVINCE, ARGENTINA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=355 Dip=82 Slip= -90
NP2: 175 8 -90
Principal Axes:
T Plg=37 Azm= 85
P 53 265
Comment: The facal mechanism is poorly controlled and carrespands to normal faulting. The preferred fault plane is NP1.

24 23 51 28.24 22.67 S 66.54 W 221km
6.6mb (15 obs.)
JUJUY PROVINCE, ARGENTINA
RADIATED ENERGY
No. af sta: 20 Facal mech. F
Energy 5.2±0.7*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 222 Na. of sta: 9
Principal Axes:
Scale 10**19 Nm
T Val= 3.56 Plg=17 Azm= 48
N -0.57 40 152
P -3.00 45 300
Best Double Couple:Ma=3.3*10**19
NP1:Strike= 96 Dip=45 Slip=-155
NP2: 348 72 -48
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B : 53S, **C M.W.: 51S, **C
Centraid Location:
Origin Time 23:51:28.7 0.1
Lat 23.45S 0.01 Lon 66.88W 0.01
Dep 231.9 0.5 Half-duration 7.7
Principal Axes:
Scale 10**19 Nm
T Val= 3.38 Plg=30 Azm= 83
N -0.08 3 175
P -3.30 60 269
Best Double Couple:Mo=3.3*10**19
NP1:Strike=165 Dip=15 Slip=-101
NP2: 356 75 -87

25 23 16 43.44 55.021N 160.513W 37km
6.2mb (150 obs.) 5.8Msz (45 abs.)
ALASKA PENINSULA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 70 Dip=70 Slip= 90
NP2: 250 20 90
Principal Axes:
T Plg=65 Azm=340
P 25 160
Comment: The facal mechanism is poorly contralled and carrespands to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. af sto: 32 Facal mech. M
Energy 1.3±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 39 No. af sta: 45
Principal Axes:

Scale 10**18 Nm
T Val= 1.66 Plg=65 Azm=306
N 0.48 13 65
P -2.13 21 161
Best Double Couple:Mo=1.9*10**18
NP1:Strike=273 Dip=27 Slip= 120
NP2: 60 67 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, **C M.W.: 32S, 44C
Centroid Location:
Origin Time 23:16:48.1 0.1
Lat 54.70N 0.01 Lon 160.04W 0.01
Dep 48.9 BDY Half-durotion 2.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.43 Plg=68 Azm=320
N 0.14 4 59
P -1.57 22 150
Best Double Couple:Mo=1.5*10**18
NP1:Strike=247 Dip=23 Slip= 99
NP2: 57 67 86

26 03 30 51.71 5.522S 151.832E 38km
5.4mb (37 obs.) 5.2Msz (34 obs.)
NEW BRITAIN REGION, P N.G.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L P B.: 43S, 75C
Centroid Location:
Origin Time 03:30:54.5 0.3
Lot 5 69S 0 03 Lon 152.18E 0.04
Dep 15.3 BDY Half-duration 1.7
Principol Axes:
Scale 10**17 Nm
T Vol= 3.44 Plg=58 Azm=335
N -0 03 1 67
P -3.41 32 157
Best Double Couple:Mo=3.4*10**17
NP1 Strike=252 Dip=13 Slip= 95
NP2 66 77 89

27 05 10 50.57 16.827S 173.856W 133km
5 0mb (32 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L P B.: 26S, 31C
Centroid Locotion:
Origin Time 05:10:55.7 0.8
Lot 16.61S 0.08 Lon 173.71W 0.07
Dep 125.9 3.6 Half-durotion 1.1
Principol Axes:
Scole 10**16 Nm
T Vol= 9.88 Plg=37 Azm=285
N -2.55 8 190
P -7.33 52 90
Best Double Couple:Mo=8.6*10**16
NP1:Strike= 54 Dip=11 Slip= -45
NP2: 189 82 -98

27 08 51 59.54 29.359S 178.271W 119km
5.9mb (62 obs.)
KERMADEC ISLANDS, NEW ZEALAND
FAULT PLANE SOLUTION: P-Woves
NP1:Strike= 20 Dip=68 Slip= -35
NP2: 125 58 -154
Principol Axes:
T Plg= 6 Azm= 74
P 40 339
Comment: The focol mechanism is poorly controlled ond corresponds to strike-slip foulting with o large normol component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focol mech. F
Energy 4.5±1.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 116 No. of sta: 20
Principol Axes:
Scale 10**17 Nm
T Val= 5.20 Plg=24 Azm=102
N 0.14 12 197
P -5.34 63 312
Best Double Cauple:Mo=5.3*10**17
NP1:Strike=169 Dip=24 Slip=-121
NP2: 22 70 -77
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L P B.: 46S, 95C
Centroid Locotion:
Origin Time 08:52: 5.3 0.2
Lot 29.39S 0.02 Lon 178 04W 0.02
Dep 127.9 0.9 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.13 Plg=28 Azm=105
N 0.19 14 203
P -5.32 58 316
Best Double Couple.Mo=5.2*10**17
NP1:Strike=161 Dip=21 Slip=-133
NP2: 27 75 -75

28 11 06 12.61 27.264S 66.474E 10km
5.5mb (73 obs.) 5.1Msz (17 obs.)
SOUTH INDIAN OCEAN
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 50S, **C
Centroid Locotion:
Origin Time 11:06:20.2 0.2
Lot 27.53S 0.03 Lon 66.29E 0.04
Dep 15.0 FIX Half-duration 1.6
Principol Axes:
Scole 10**17 Nm
T Vol= 3.42 Plg=27 Azm=348
N -0 16 2 257
P -3.26 63 162
Best Double Couple Mo=3.3*10**17
NP1:Strike= 84 Dip=18 Slip= -82
NP2: 256 72 -93

28 15 55 27.77 55.862N 155.171W 33km
5.0mb (83 obs.) 5 0Msz (30 obs.)
SOUTH OF ALASKA
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B . 34S, 61C
Centroid Locotion:
Origin Time 15:55:29.0 0.4
Lot 55.39N 0.06 Lon 154.93W 0.07
Dep 15.0 BDY Holf-durotion 1.4
Principol Axes:
Scole 10**17 Nm
T Vol= 2.14 Plg=52 Azm=312
N 0.13 6 50
P -2.27 38 145
Best Double Couple:Mo=2.2*10**17
NP1:Strike=272 Dip=10 Slip= 132
NP2: 49 83 84

29 00 18 34.91 18.378S 174.922W 195km
5.0mb (40 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 37S, 61C
Centroid Location:
Origin Time 00:18:39.6 0.4
Lat 18.50S 0.03 Lon 174.81W 0.04
Dep 210.8 1.2 Half-duration 1.3
Principol Axes:
Scale 10**17 Nm
T Val= 1.84 Plg= 6 Azm=347
N -0.38 47 84
P -1.46 42 251
Best Double Couple:Mo=1.6*10**17
NP1:Strike= 38 Dip=56 Slip=-151
NP2: 291 66 -37

29 06 50 13.42 19.072N 26.476W 12km
5.9mb (150 obs.) 6.2Msz (59 obs.)
NORTH ATLANTIC OCEAN
FAULT PLANE SOLUTION: P-Woves
NP1:Strike= 55 Dip=82 Slip=-180
NP2: 145 90 -352
Principal Axes:
T Plg= 6 Azm= 10
P 6 280
Comment: The focol mechonism is well controlled ond corresponds to left-loterol strike-slip faulting with a smoll normol component. The preferred fault plone is NP1.
RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 5.7±1.1*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 32
Principal Axes:
Scole 10**18 Nm
T Vol= 4.12 Plg= 6 Azm= 6
N 0.23 78 127
P -4.36 10 274
Best Double Couple:Mo=4.2*10**18
NP1:Strike= 50 Dip=78 Slip=-177
NP2: 320 87 -12
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 53S, **C M.W.: 43S, 81C
Centroid Location:
Origin Time 06:50:18.9 0.1
Lot 19.16N 0.01 Lon 26.43W 0.01
Dep 15.0 FIX Half-duration 3.5
Principal Axes:
Scale 10**18 Nm
T Val= 3.42 Plg=12 Azm= 15
N 0.37 69 138
P -3.80 17 281
Best Double Couple:Mo=3.6*10**18
NP1:Strike= 59 Dip=69 Slip=-176
NP2: 327 86 -21

29 14 44 24.14 4.663S 153.168E 59km
5.3mb (32 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 46C
Centroid Locotion:
Origin Time 14:44:26.0 0.5
Lat 4.71S 0.04 Lon 153.13E 0.05
Dep 54.4 4.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Vol= 9.05 Plg=59 Azm=326
N -1.66 8 69
P -7.39 30 163
Best Double Couple:Mo=8.2*10**16
NP1:Strike=275 Dip=17 Slip= 117
NP2: 67 75 82

30 14 12 20.05 3.674S 142.703E 6km
5 9mb (61 obs.) 5.6Msz (42 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=278 Dip=81 Slip= 32
NP2: 182 58 169
Principal Axes:
T Plg=29 Azm=145
P 15 46
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. M
Energy 1.1±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 21
Principal Axes:
Scale 10**17 Nm
T Val= 6.92 Plg=30 Azm=144
N -1.49 52 283
P -5.43 21 42
Best Double Couple:Mo=6.2*10**17
NP1:Strike=180 Dip=53 Slip= 172
NP2: 275 84 37
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 44S, 94C
Centroid Location:
Origin Time 14:12:30.8 0.2
Lat 3.50S 0.02 Lon 142.81E 0.02
Dep 40.9 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.71 Plg= 5 Azm=289
N -0.13 43 194
P -5.58 46 23
Best Double Couple:Mo=5.6*10**17
NP1:Strike= 55 Dip=56 Slip= -34
NP2: 165 63 -141

30 14 44 18.64 17.600S 173.326W 33km
5.0mb (25 obs.) 5.5Msz (2 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 14S, 22C
Centroid Location:
Origin Time 14:44:21.7 3.0
Lot 17.97S 0.13 Lon 173.15W 0.23
Dep 16.7 7.2 Half-duration 1.3

Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.47	57	284
N	-0.02	1	15
P	-1.45	33	106

Best Double Couple:Mo=1.5*10**17

	Strike=	Dip=	Slip=
NP1:	199	12	94
NP2:	15	78	89

30 16 32 27.45 5.423S 150.514E 102km
5.7mb (46 abs.)
NEW BRITAIN REGION, P N.G.
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	65	55	-90
NP2:	245	35	-90

Principal Axes:

	Plg=	Azm=
T	10	155
P	80	335

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. M
Energy 3.4±0.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 104 No. of sta: 11
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.63	8	157
N	0.07	14	65
P	-3.70	74	274

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

	Strike=	Dip=	Slip=
NP1:	262	39	-68
NP2:	54	54	-107

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B : 42S, 76C
Centroid Location:
Origin Time 16:32:32.4 0 2
Lat 5.52S 0.03 Lon 150.72E 0.03
Dep 109.8 1 9 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.55	28	161
N	-0.16	19	61
P	-2.39	55	302

Best Double Couple:Mo=2.5*10**17

	Strike=	Dip=	Slip=
NP1:	290	24	-38
NP2:	56	76	-109

30 17 08 53.95 1.546N 127.207E 81km
6.0mb (86 abs.)
HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	225	80	90
NP2:	45	10	90

Principal Axes:

	Plg=	Azm=
T	55	135
P	35	315

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 2.4±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 78 No. of sta: 18
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.54	52	139
N	0.05	2	46
P	-1.59	38	314

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

	Strike=	Dip=	Slip=
NP1:	30	7	73
NP2:	226	83	92

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C
Centroid Location:
Origin Time 17:09: 1.4 0.1
Lat 1.56N 0.01 Lon 127 25E 0.02
Dep 112.9 1.1 Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.63	45	150
N	0.13	18	41
P	-1.76	39	295

Best Double Couple:Mo=1 7*10**18

	Strike=	Dip=	Slip=
NP1:	320	18	9
NP2:	222	87	108

30 22 34 03.89 0.621S 124.208E 75km
5.6mb (53 obs)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 86C
Centroid Location
Origin Time 22 34. 5.7 0.2
Lat 0.92S 0.03 Lon 124.50E 0.03
Dep 36 3 2.3 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.89	52	355
N	-1.29	6	92
P	-3.60	37	186

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

	Strike=	Dip=	Slip=
NP1:	309	10	127
NP2:	91	82	84

31 08 34 22.01 72.448S 174.838E 10km
5.3mb (23 abs.) 5.1Msz (23 abs.)
ROSS SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 43C
Centroid Location:
Origin Time 08:34:28.3 0.3
Lat 72.12S 0.04 Lon 175.04E 0.16
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.04	24	188
N	0.28	32	294
P	-2.32	48	68

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

	Strike=	Dip=	Slip=
NP1:	233	35	-156
NP2:	123	77	-57

31 21 15 02.54 29.390S 176.373W 68km
5.1mb (21 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 20C
Centroid Location
Origin Time 21:14:57.0 0.8
Lat 29.34S 0.09 Lon 175.48W 0.08
Dep 15.0 FIX Half-duration 1.0
Principal Axes
Scale 10**16 Nm

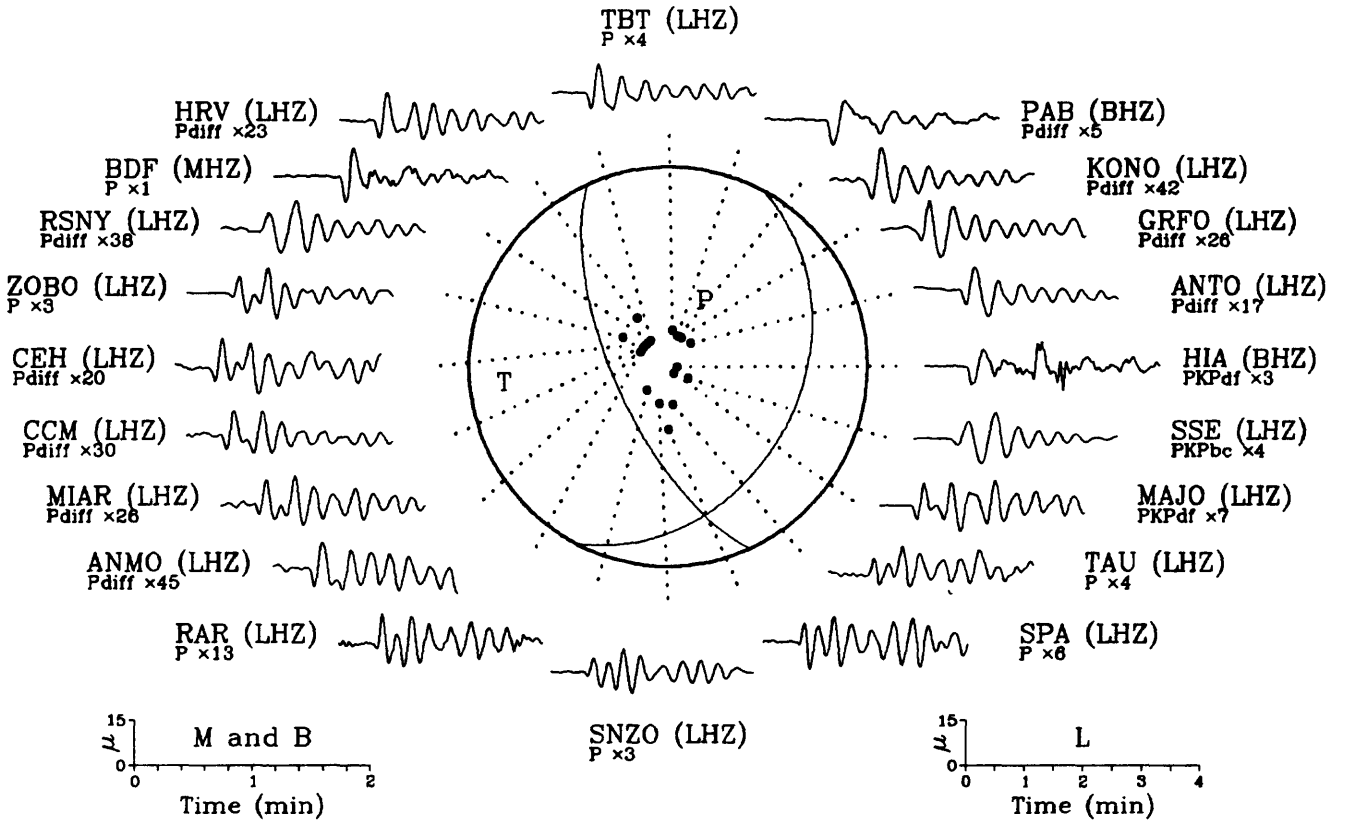
	Val=	Plg=	Azm=
T	5.26	6	272
N	-1.48	27	5
P	-3.78	62	170

Best Double Couple Mo=4.5*10**16

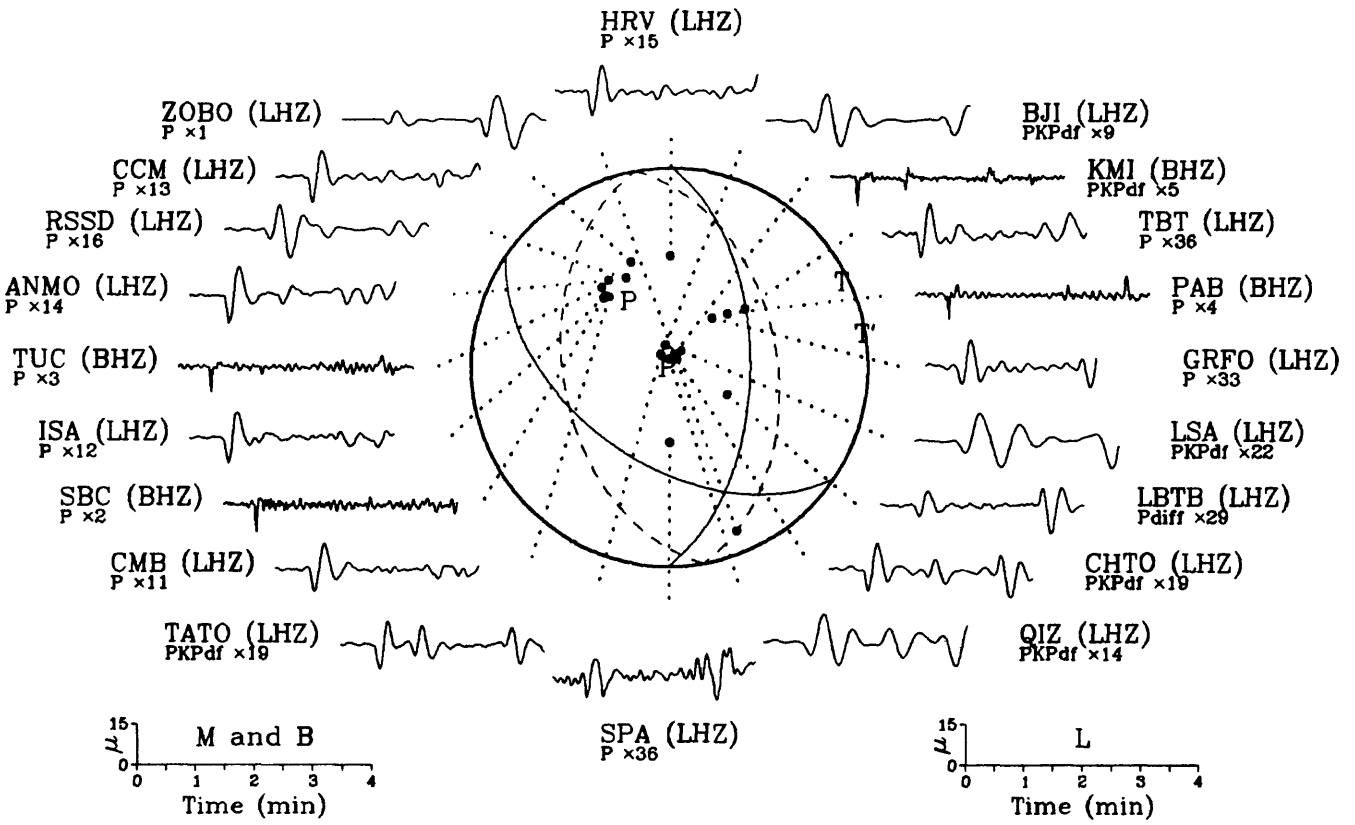
	Strike=	Dip=	Slip=
NP1:	335	45	-129
NP2:	204	57	-57

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

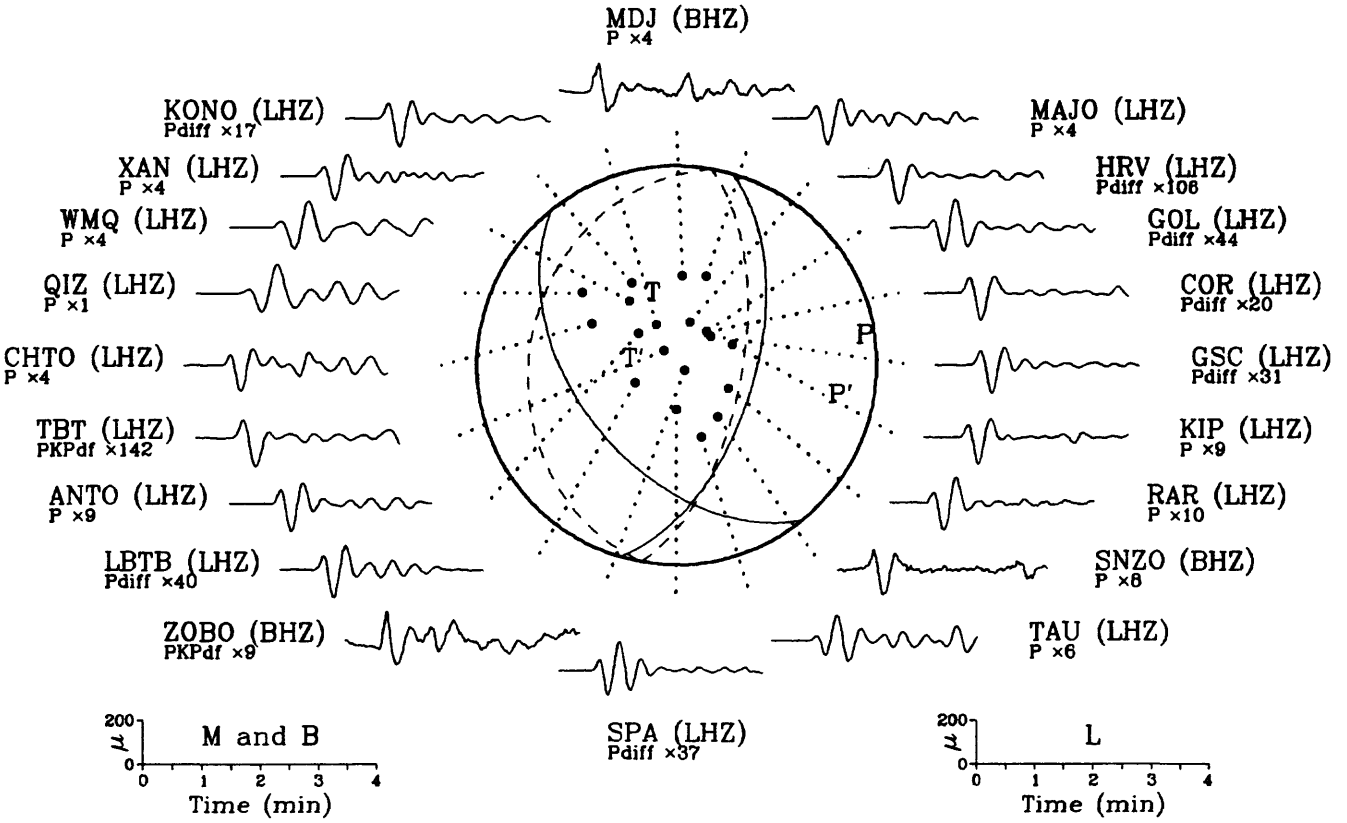
02 May 1993 11:26:54.87
South Sandwich Islands Region



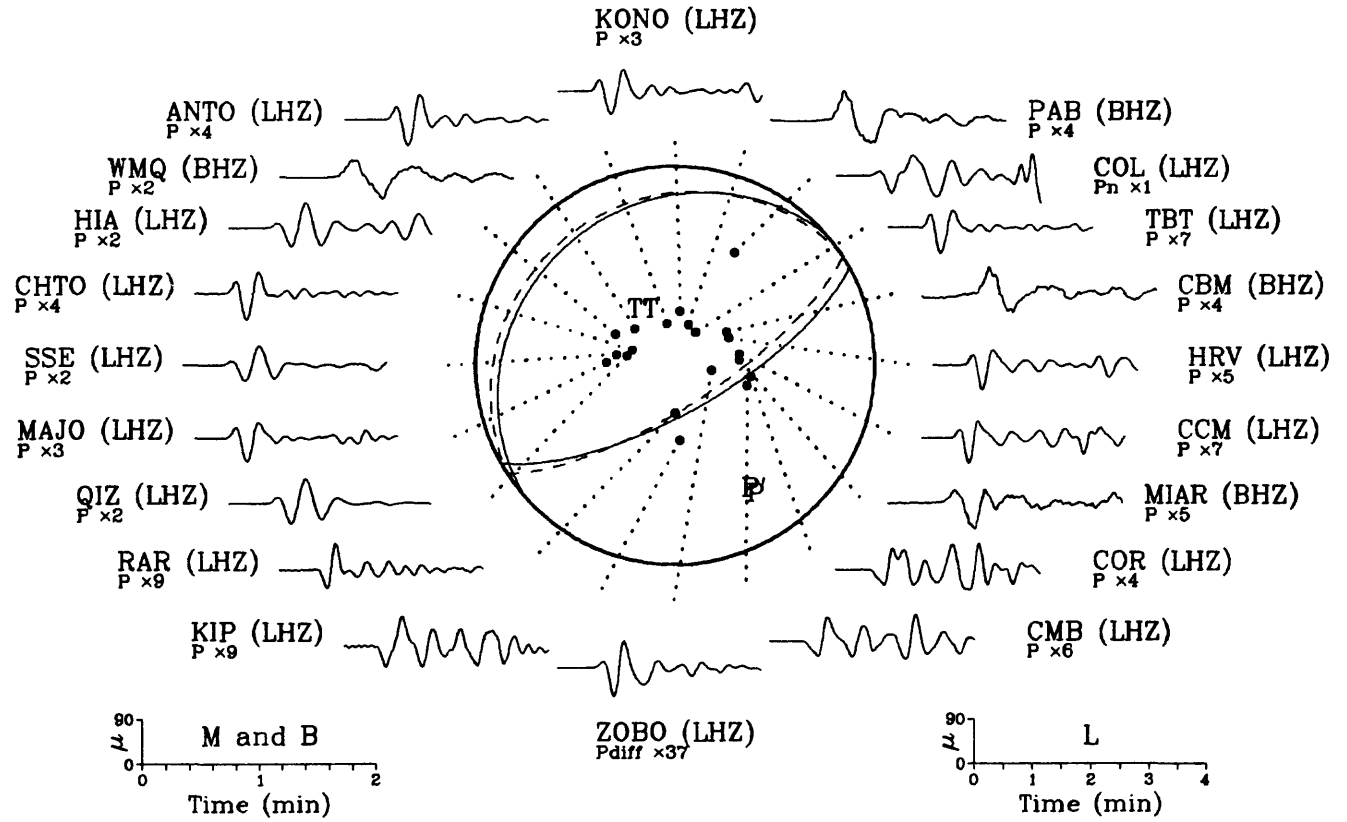
06 May 1993 13:03:18.11
Western Brazil



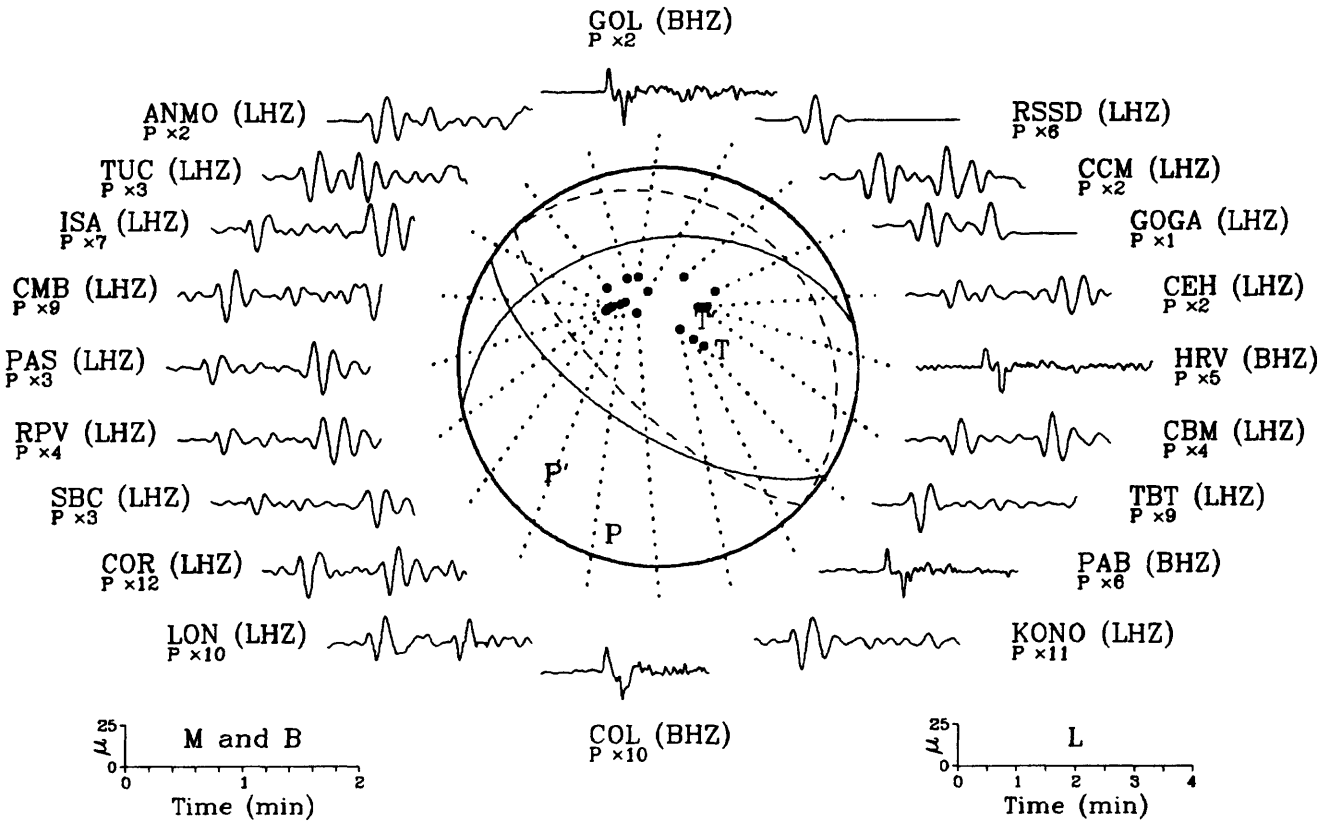
11 May 1993 18:26:51.32
Mindanao, Philippine Islands



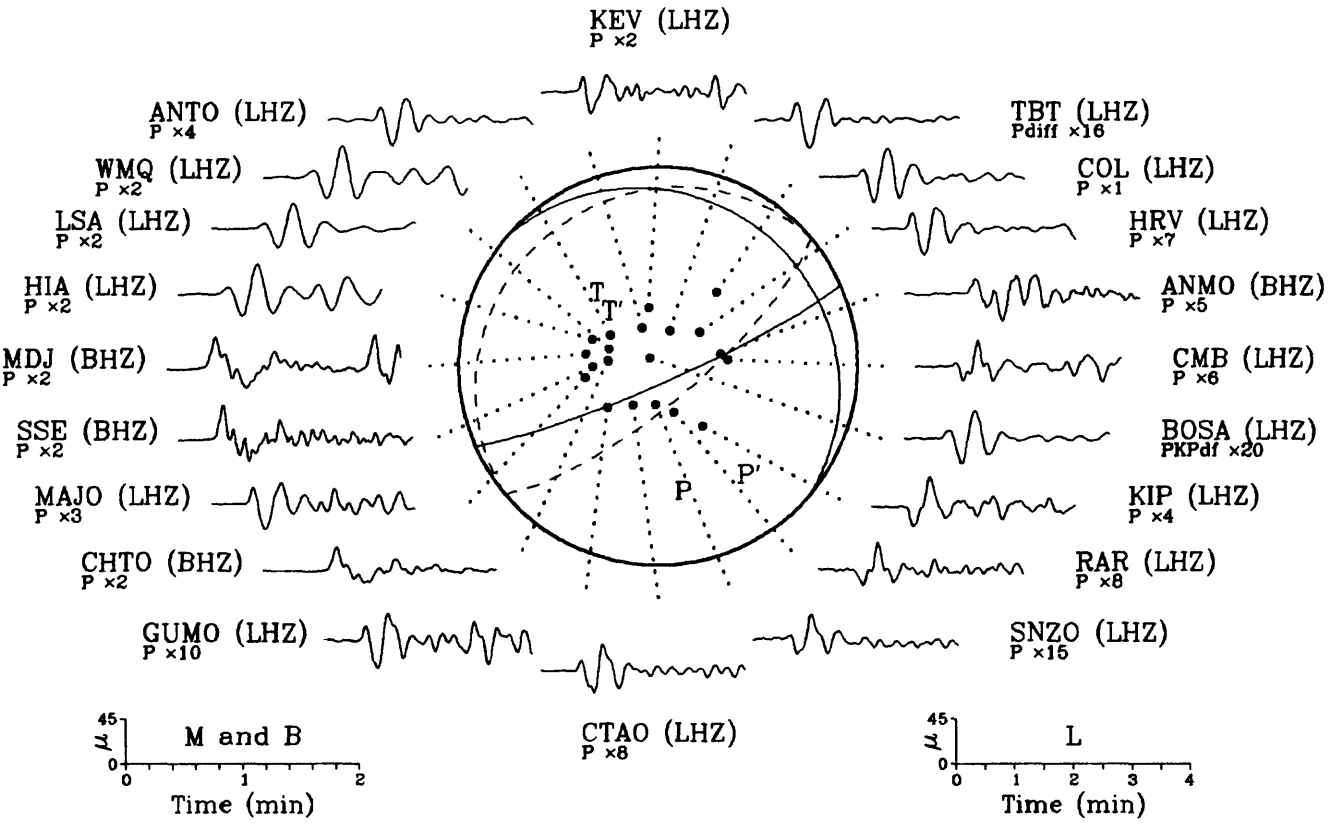
13 May 1993 11:59:49.25
Alaska Peninsula



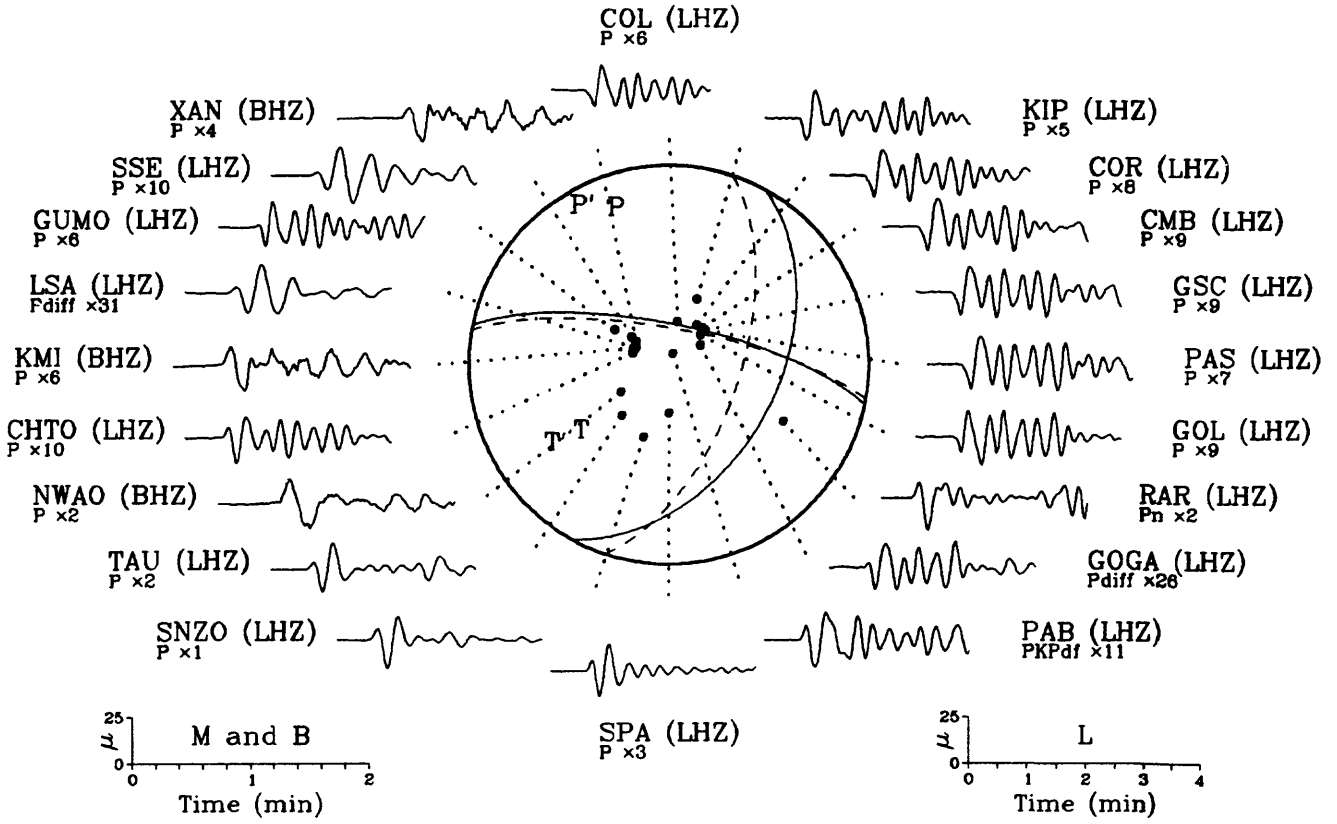
15 May 1993 03:12:32.72
Near Coast of Guerrero, Mexico



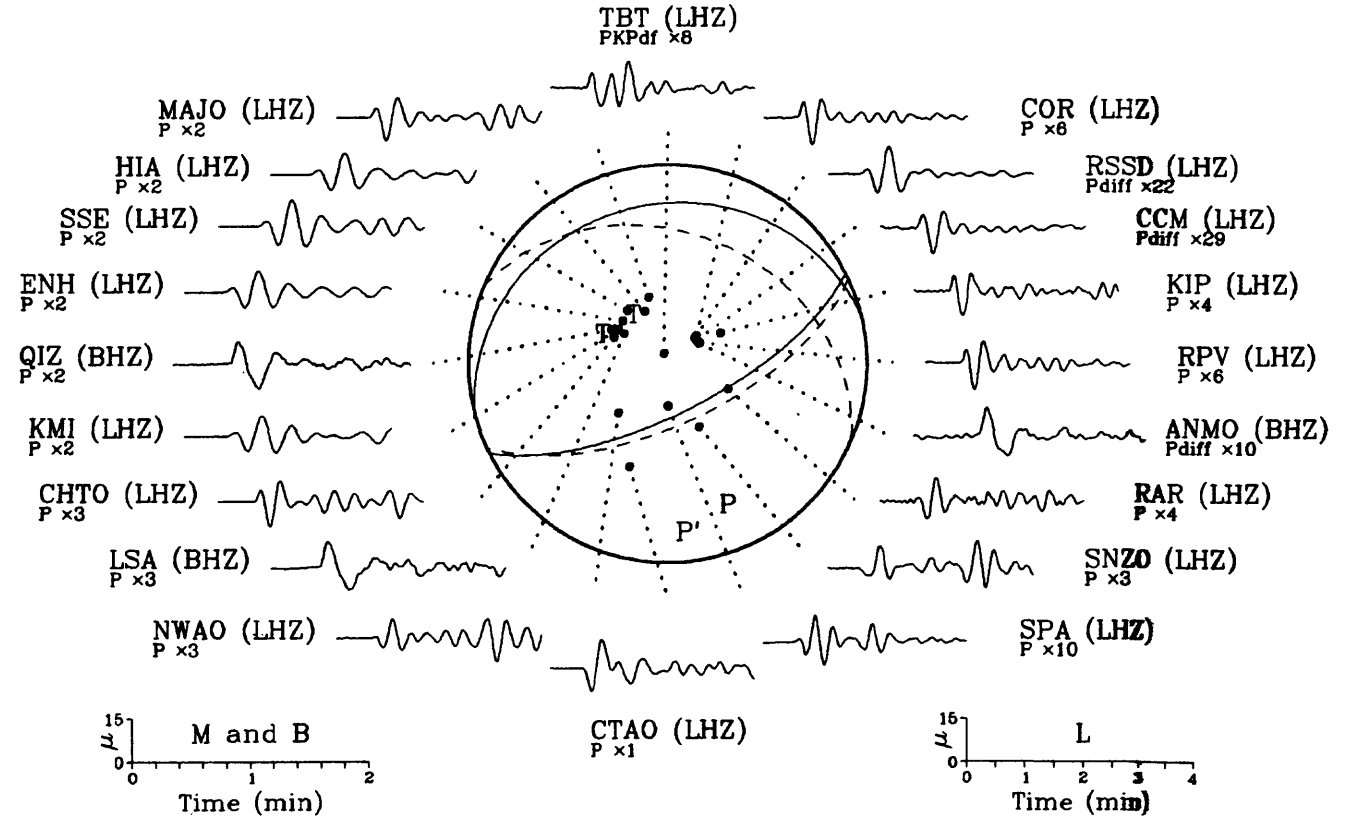
15 May 1993 21:52:25.34
Andreanof Islands, Aleutian Is.



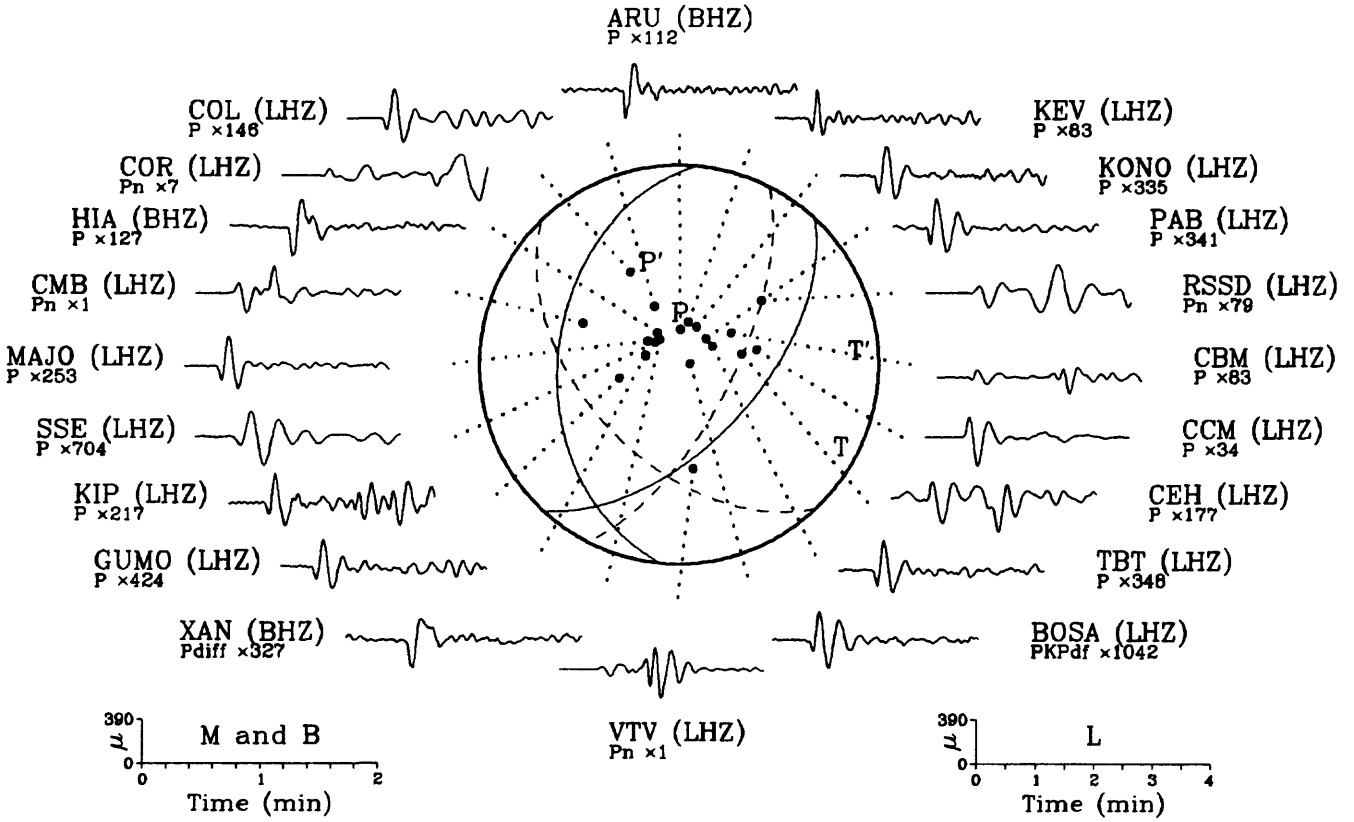
16 May 1993 21:44:48.94
Tonga Islands



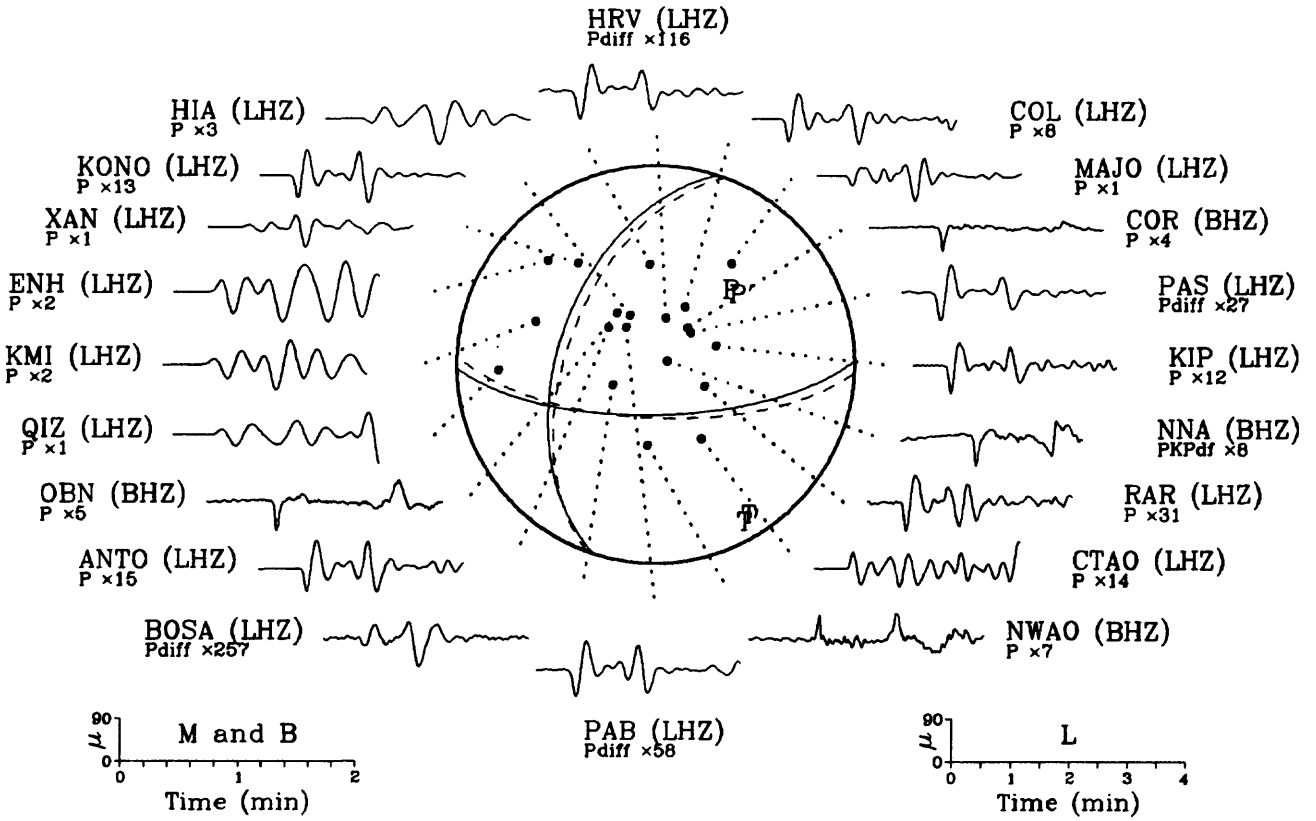
17 May 1993 16:02:53.12
New Britain Region, P.N.G.



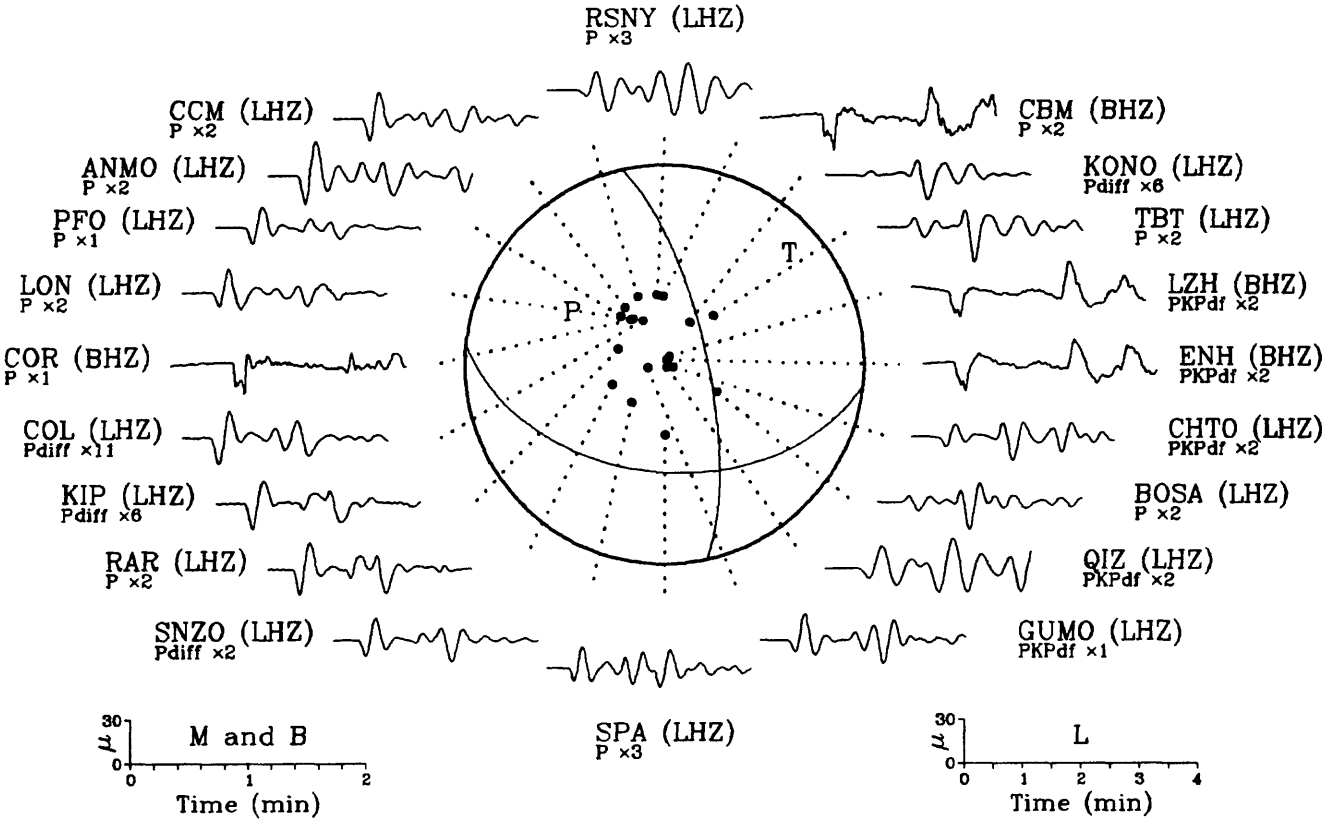
17 May 1993 23:20:49.22
California–Nevada Border Region



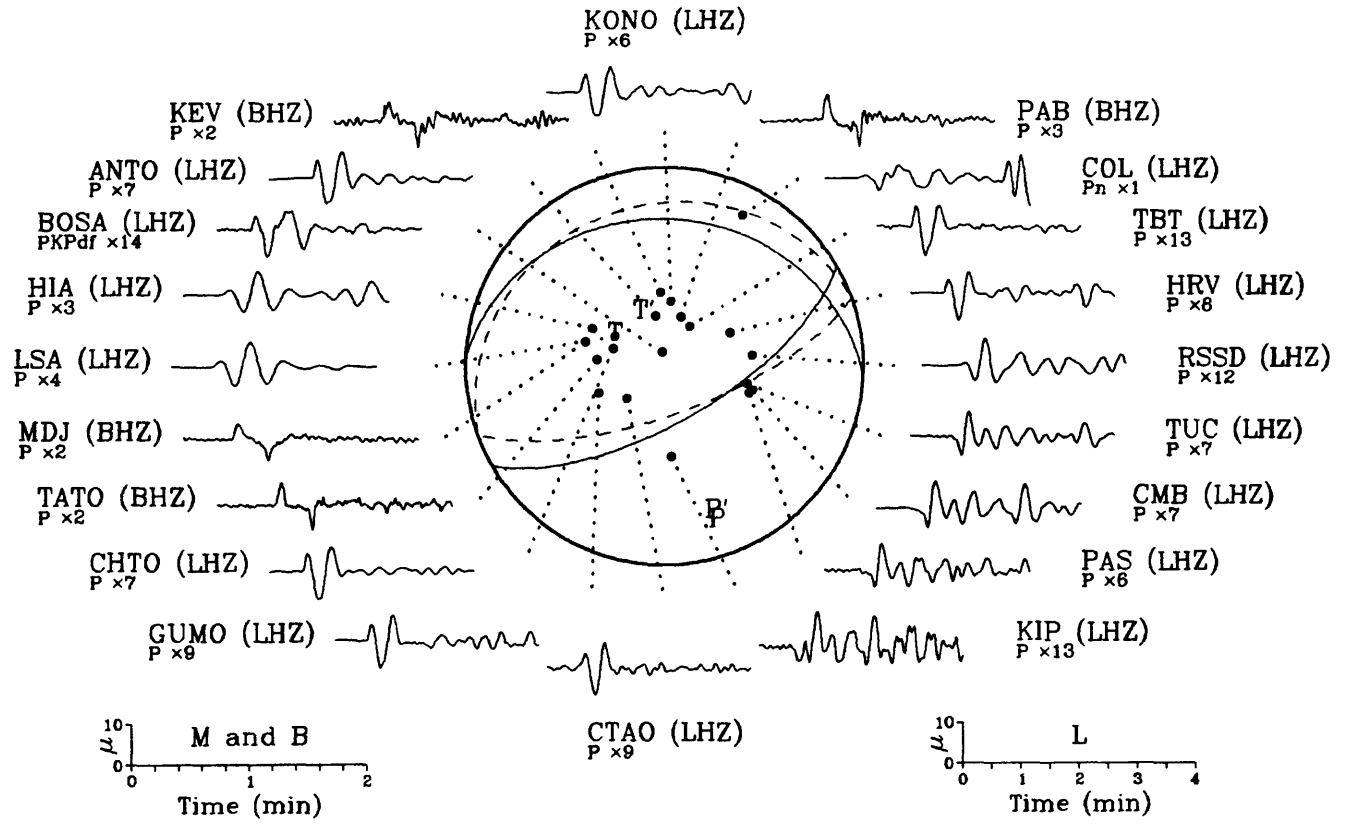
18 May 1993 10:19:33.78
Philippine Islands Region



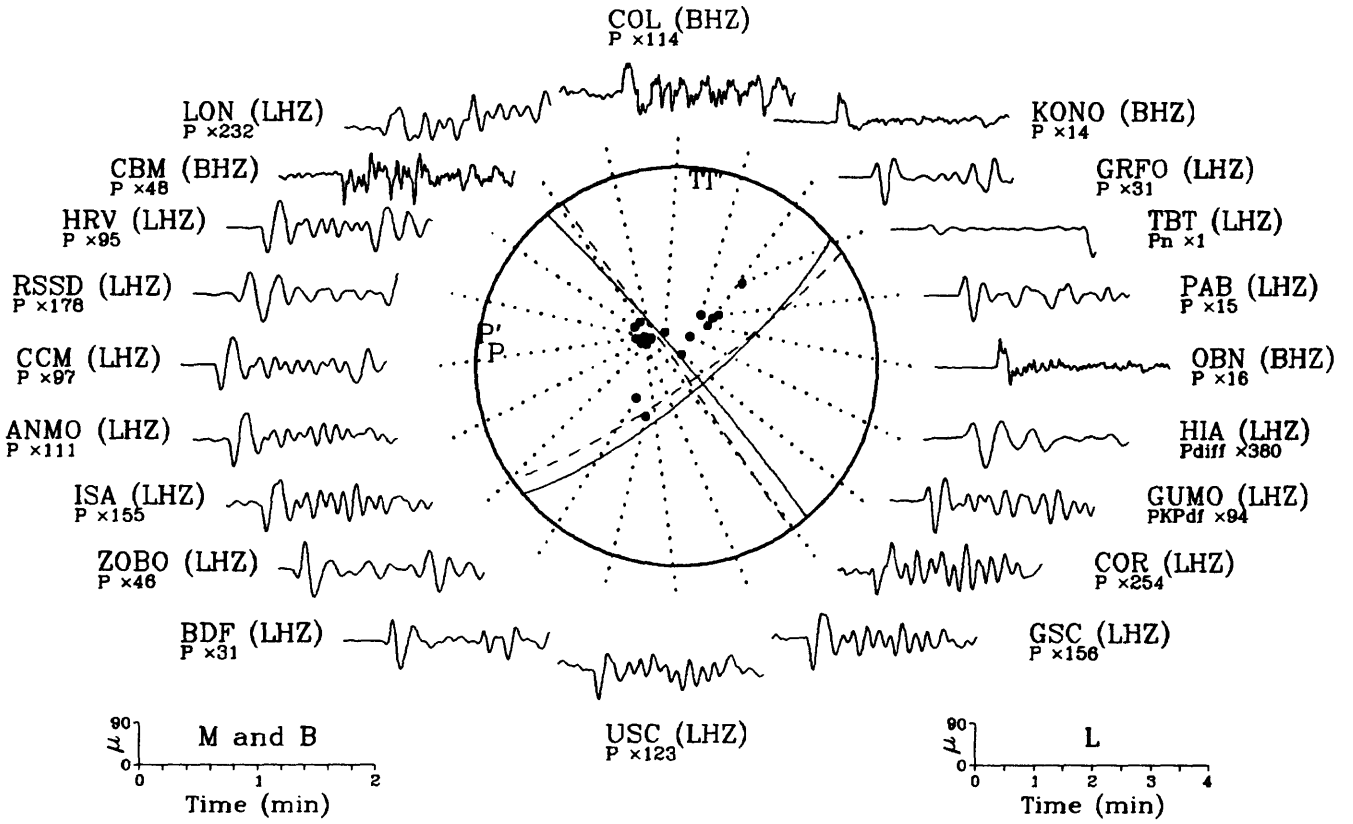
24 May 1993 23:51:28.24
Jujuy Province, Argentina



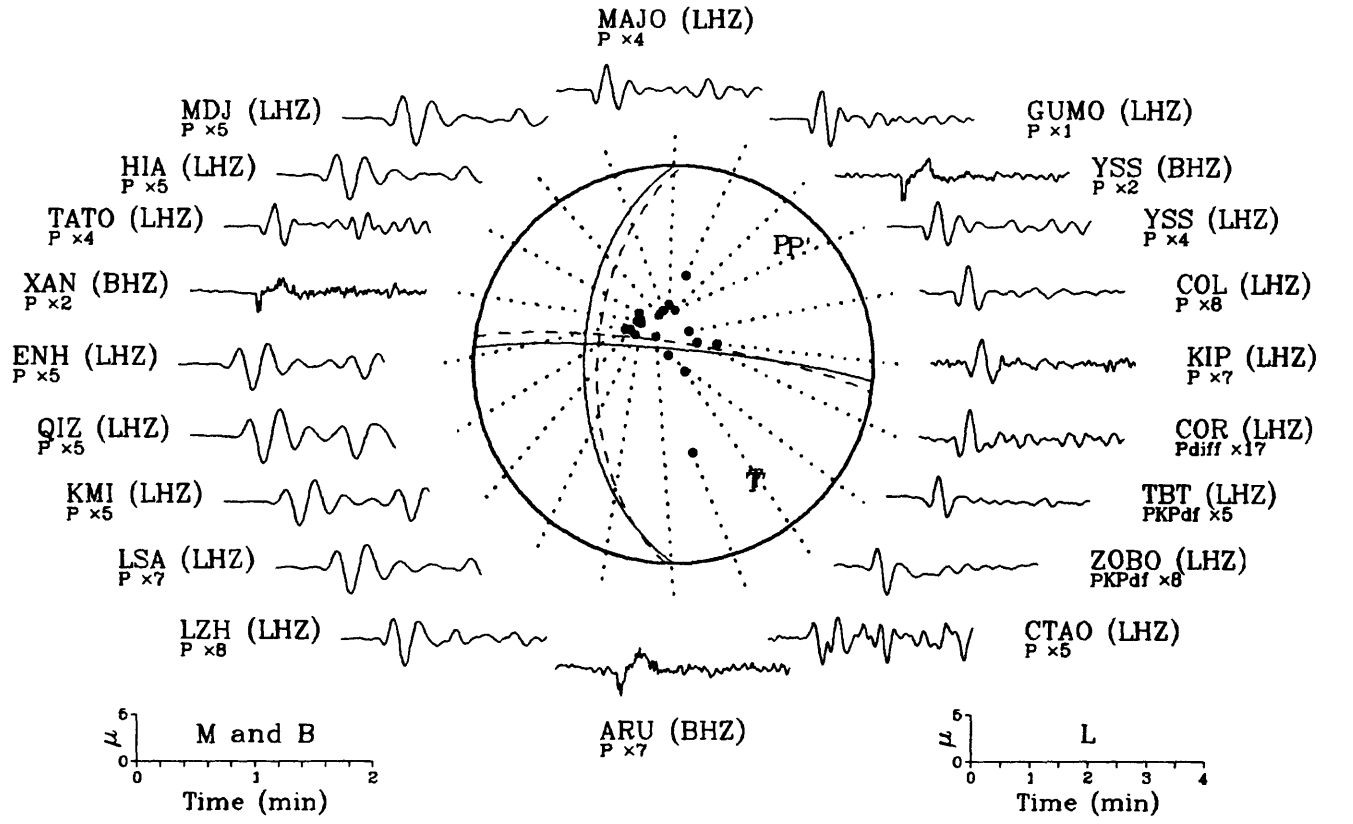
25 May 1993 23:16:43.44
Alaska Peninsula



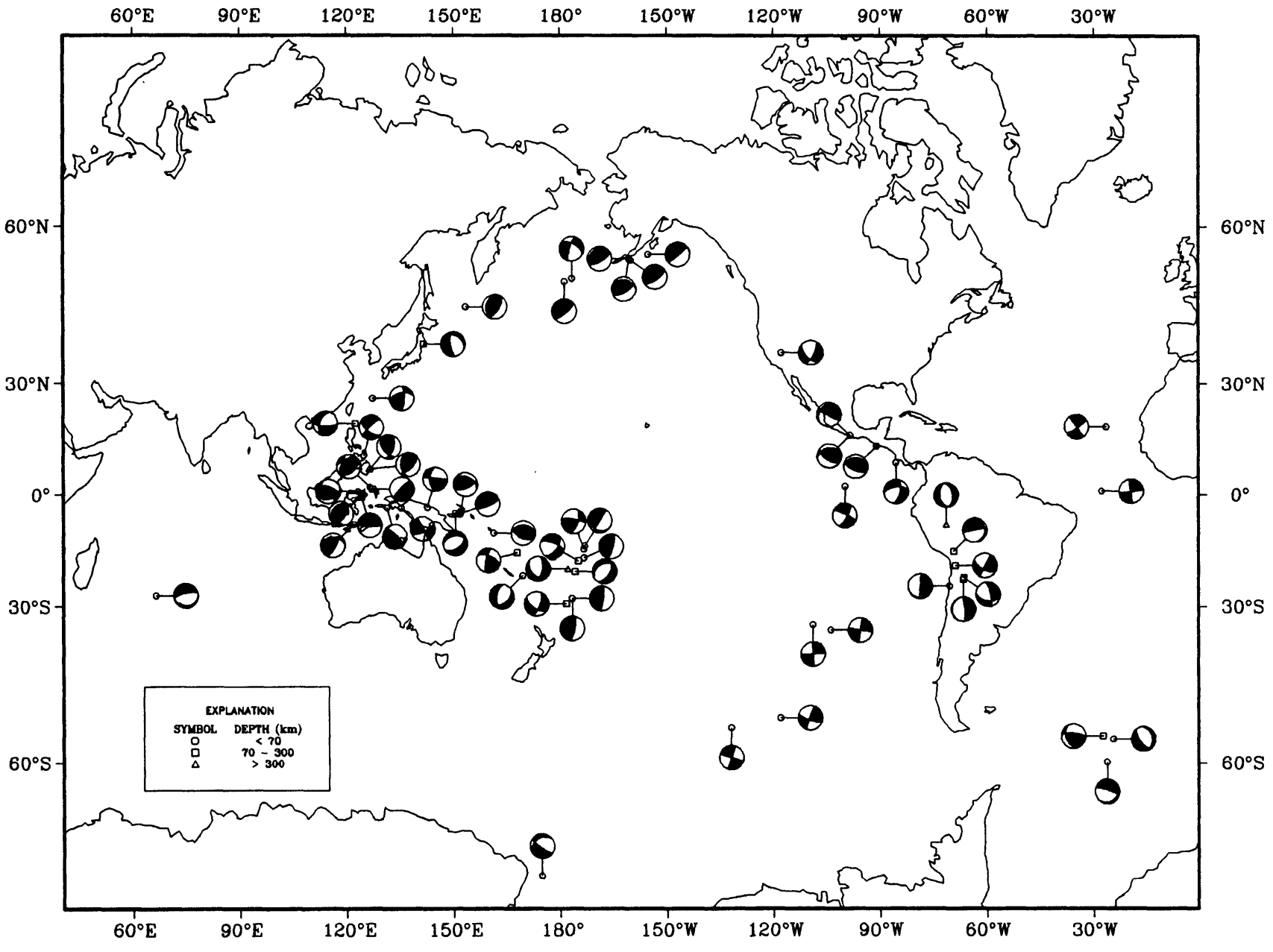
29 May 1993 06:50:13.42
North Atlantic Ocean

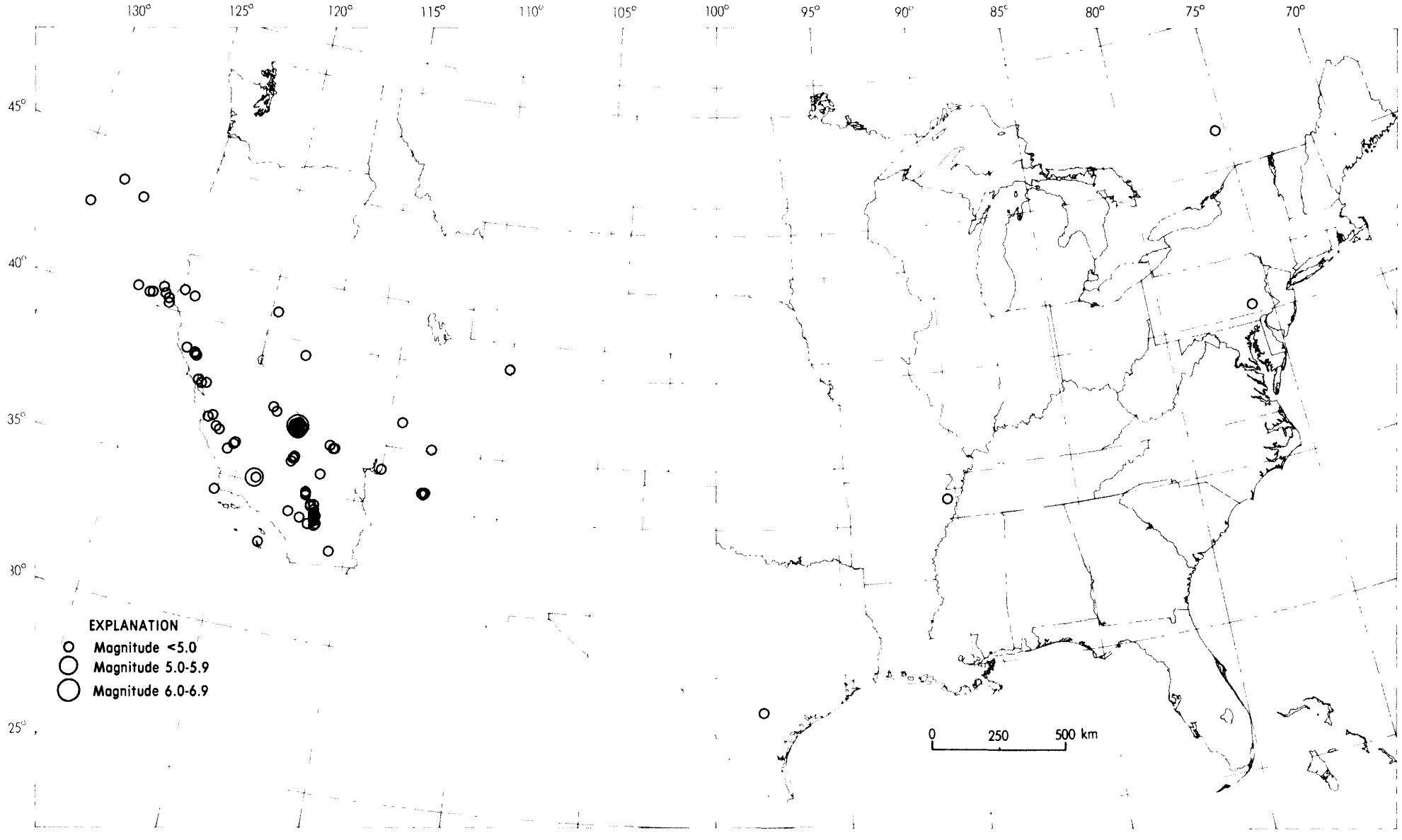


30 May 1993 14:12:20.05
Near N Coast of New Guinea, Png.

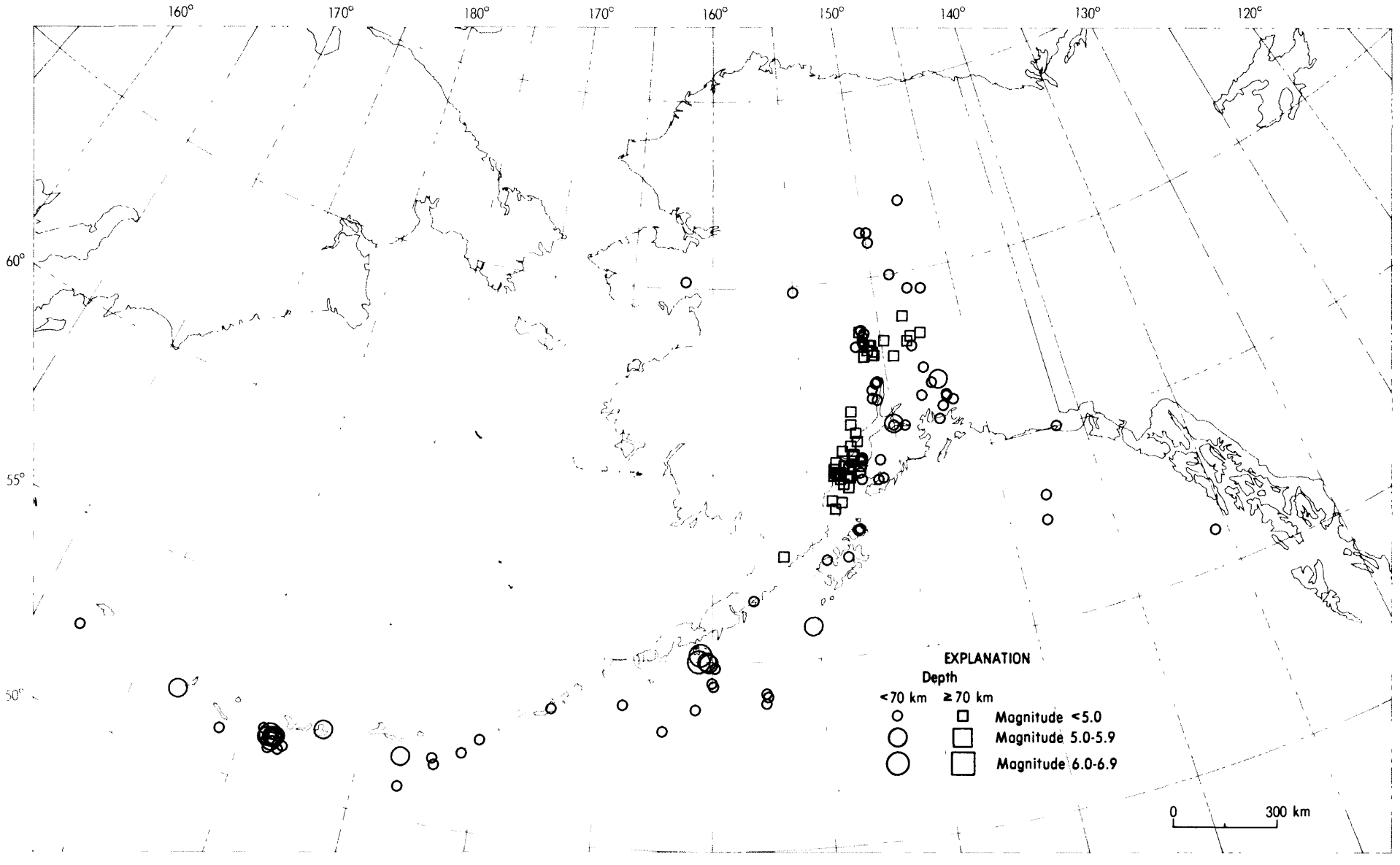


Earthquake Focal Mechanisms for May 1993

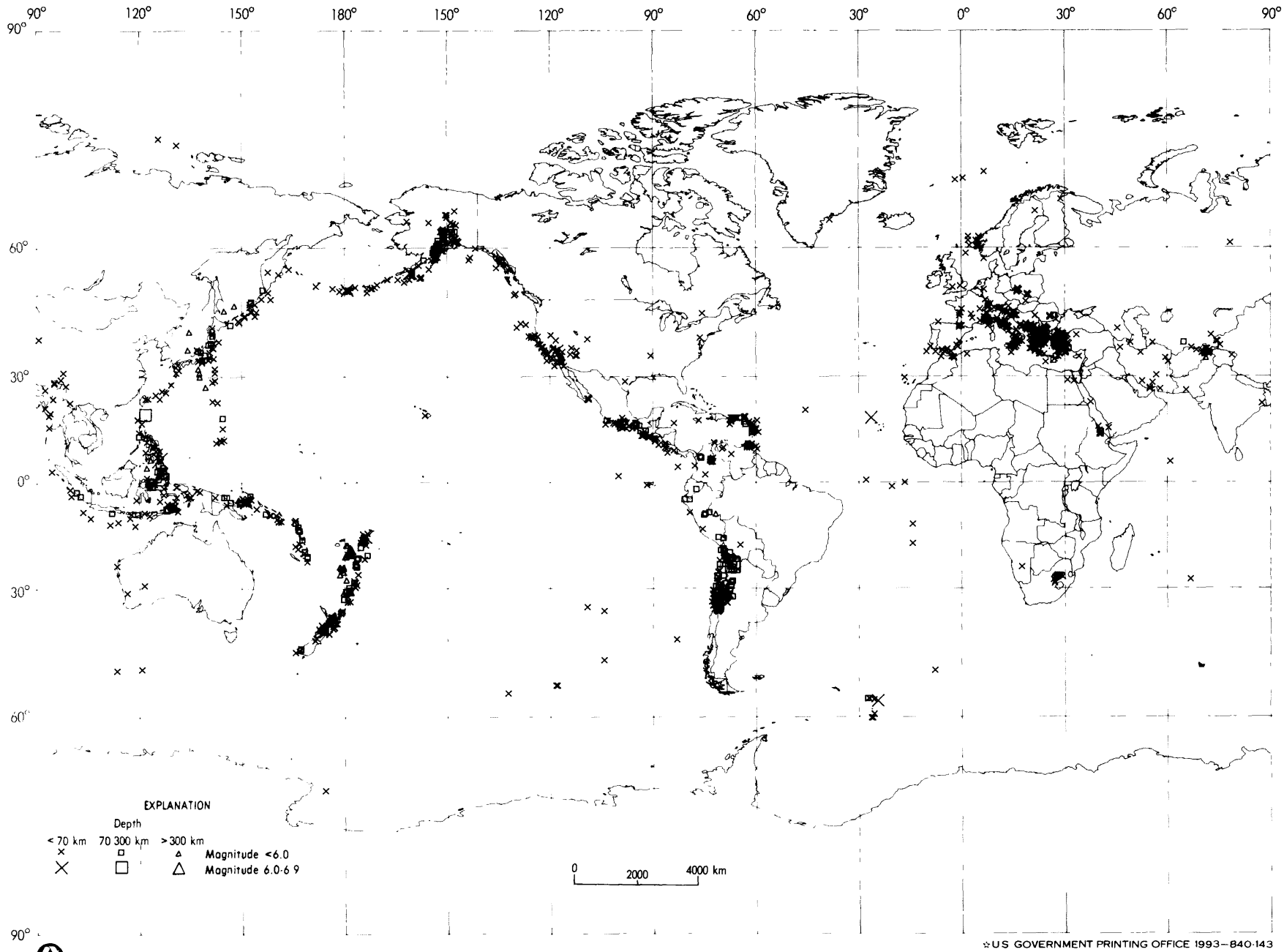




Earthquake epicenters in the conterminous United States and adjacent regions for May, 1993.



Earthquake epicenters in Alaska and adjacent regions for May, 1993.



☆US GOVERNMENT PRINTING OFFICE 1993—840-143

Printed on Recycled Paper

Earthquakes located in May, 1993.

CHANGE OF ADDRESS FORM

NAME—FIRST, LAST

COMPANY NAME OR ADDITIONAL ADDRESS LINE

STREET ADDRESS

CITY | STATE | ZIP CODE

PLEASE PRINT OR TYPE

(or) COUNTRY

Mail this form to: NEW ADDRESS

Superintendent of Documents
Government Printing Office SSOM
Washington, D.C. 20402

Attach last subscription label here.

SUBSCRIPTION ORDER FORM

SUBSCRIPTION ORDER FORM

ENTER MY SUBSCRIPTION TO:

@ $ **Domestic; @ $** **Foreign.**

NAME—FIRST, LAST

COMPANY NAME OR ADDITIONAL ADDRESS LINE

STREET ADDRESS

CITY | STATE | ZIP CODE

PLEASE PRINT OR TYPE

(or) COUNTRY

☐ Remittance Enclosed (Make checks payable to Superintendent of Documents)

☐ Charge to my Deposit Account No. .....

MAIL ORDER FORM TO:
Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

JUNE 1993

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	34	25.7&	32.324	N	115.279	W	6 G				17	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.5 (PAS). Multiple event.
	01	00	45	04.1	34.899	N	139.277	E	33 N	4.3		0.7	14	NEAR S. COAST OF HONSHU, JAPAN
	01	00	49	48.8	32 348	N	115.319	W	5 G			0 6	6	CALIF.-BAJA CALIF. BORDER REGION. MD 3.0 (GS).
	01	01	08	01.9	44 425	N	7.227	E	10 G			0.4	23	NORTHERN ITALY. ML 2.5 (GEN), 2.1 (LDG).
	01	01	10	21 8%	44 413	N	7.211	E	10 G			0.1	6	NORTHERN ITALY. ML 1.7 (GEN).
	01	01	14	40 3?	45 18	N	14.90	E	10 G			1.3	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU).
	01	01	27	10 2	39 260	N	20.501	E	10 G			0.9	22	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE). MD 3.0 (ATH).
	01	03	34	31 4?	10 79	N	62.48	W	33 N			0.6	5	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	01	03	51	27 3?	43 42	N	2.64	E	5 G			1.1	5	FRANCE. ML 2.4 (LDG).
	01	03	59	39 5*	22 136	S	179.728	W	596 *	4.7		0.8	30	SOUTH OF FIJI ISLANDS
	01	04	00	29 3	44 702	N	17.417	E	10 G			0.8	23	NORTHWESTERN BALKAN REGION. MD 3.5 (TRI). ML 3.3 (ZAG), 3 1 (TTG).
	01	04	21	22 0&	59 909	N	148.696	W	5				73	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
	01	05	44	10.1*	6 487	S	130.240	E	56 ?	5.4		0.8	15	BANDA SEA
	01	06	47	09.9*	8 252	S	128.891	E	33 N	4.9		1.2	13	TIMOR SEA
	01	06	50	51.7%	43.040	N	0 600	W	10 G			0.3	7	PYRENEES. Felt (I) in the Aspe Valley, France.
a	01	07	27	50.5	40.178	N	142.477	E	48 D	5.1	4.5	0.9	167	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.0 (HRV).
	01	08	31	28.1%	40.379	N	23.295	E	5 G			0.5	5	GREECE
	01	08	52	27.9?	40.65	N	22.95	E	10 G			1.0	4	GREECE. ML 1.5 (THE).
	01	08	56	49.8*	31.426	S	72.486	W	33 N			1.3	16	OFF COAST OF CENTRAL CHILE
	01	09	31	56.7	40.273	N	144.949	E	14	4.6		1.1	28	OFF EAST COAST OF HONSHU, JAPAN
	01	09	45	29.5	34.352	N	26.184	E	47 D	4.9	4 2	1 3	237	CRETE. MD 4.6 (ATH).
	01	09	52	31.5&	35.143	N	119.096	W	23				12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	01	10	06	36.7?	39.25	N	29.13	E	10 G			0.5	4	TURKEY ML 2.5 (ISK).
	01	10	17	27.7*	56.344	N	151.016	W	10 G			1.0	44	KODIAK ISLAND REGION. ML 3.6 (AEIC).
	01	10	20	28.8*	56 820	N	151.080	W	10 G			0.7	40	KODIAK ISLAND REGION. ML 3.4 (AEIC).
	01	10	53	40.4%	33.781	S	71.188	W	33 N			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	01	11	46	40.3%	38.561	N	27.579	E	10 G			0.5	5	TURKEY. ML 2.8 (ISK).
	01	11	52	03.7	38 794	N	27.569	E	10 G			0.5	14	TURKEY ML 3.6 (ISK).
	01	11	53	58.0	44 849	N	7.615	E	10 G			0.7	11	NORTHERN ITALY. ML 2.4 (GEN).
	01	12	31	37.2%	40 998	N	22.595	E	5 G			0.9	6	GREECE. ML 2.4 (GEN).
	01	13	11	48.9%	44 365	N	7.474	E	10 G			0.7	7	NORTHERN ITALY. ML 1.8 (GEN).
	01	13	32	24.5%	39.463	N	27.730	E	10 G			0.5	6	TURKEY. ML 2.9 (ISK).
	01	13	33	26.9?	55.71	N	152 62	W	10 G			0.7	22	SOUTH OF ALASKA. ML 3.1 (AEIC).
	01	13	33	57.5?	21 52	S	169.48	E	94 ?	4.5		1.2	12	LOYALTY ISLANDS REGION
	01	13	36	03.0&	36.114	N	117.693	W	1				27	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2 8 (PAS).
	01	13	59	09.4?	39.11	N	28.75	E	10 G			0.5	4	TURKEY. ML 2.9 (ISK).
	01	14	08	15.6*	21.701	S	68.586	W	155 ?			1.0	6	CHILE-BOLIVIA BORDER REGION
	01	14	13	45 6%	26.214	S	28.251	E	5 G			0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	01	14	19	23.9	32 395	N	115.262	W	5 G			1.0	7	CALIF.-BAJA CALIF. BORDER REGION. MD 3.1 (GS).
	01	15	06	13.0?	44.96	N	3.37	E	10 G			0.6	6	FRANCE
	01	15	12	01.9%	26.406	S	27.637	E	5 G			1.4	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	01	15	31	22.3?	6.72	N	72.93	W	179 ?	3.6		0.9	7	NORTHERN COLOMBIA
a	01	15	53	47.1	45.711	S	77.211	W	33 N	5.3	5.4	1.3	69	OFF COAST OF SOUTHERN CHILE. Mw 5.9 (HRV).
	01	16	14	55.2?	45.35	N	2.49	E	10 G			0.6	4	FRANCE. ML 2.1 (STR).
	01	16	33	09.3	36.257	N	27.839	E	108	4.1		1.0	36	DODECANESE ISLANDS. MD 4 2 (HLW), 3.8 (ATH).
	01	17	33	27.1?	38.81	N	27.48	E	10 G			1.0	5	TURKEY. ML 2.8 (ISK).
	01	17	35	16 2?	39 26	N	29.27	E	10 G			0 4	4	TURKEY. ML 2.8 (ISK).
	01	18	05	59 9*	61 373	N	7.028	E	10 G			1 5	6	SOUTHERN NORWAY. MD 1.9 (BER).
	01	19	03	16 7?	45 62	N	14.31	E	10 G			0.1	4	NORTHWESTERN BALKAN REGION MD 2.5 (LJU)
	01	19	17	39.4%	43 356	N	8.390	E	10 G			0.6	7	CORSICA. ML 2.1 (GEN), 1.9 (LDG).
	01	19	22	11 8&	41.783	N	125.750	W	23				5	OFF COAST OF NORTHERN CALIFORNIA <GM-P> MD 3 1 (GM).
	01	19	43	41.3&	63 304	N	150.630	W	137				55	CENTRAL ALASKA. <AEIC>.
	01	19	51	10.9	46.166	N	16.467	E	30	4 9		1.4	231	NORTHWESTERN BALKAN REGION ML 5 0 (FUR), 4 8 (VIE), 4.7 (TIR), 4.6 (ZAG) MD 4 8 (TRI). mbLg 4 8 (DOU).

Annual Subscriptions: Superintendent of Documents, U S. Government Printing Office, Washington, D C. 20402.
Back issues: Books and Open-File Reports Section, U.S. Geological Survey, Box 25425, Denver, CO 80225.

														Some domage (VII) in the Ludbreg area, Croatia Also felt widely in southern Steirmark, Austria
	01	21 05 19 5	26.844 S	26.628 E	5 G			1 5	16	REPUBLIC OF SOUTH AFRICA. ML 4.3 (PRE). mbLg 3.8 (BUL)
	01	21 33 22 9	42.304 N	107.575 W	5 G	3.7		1.2	18	WYOMING. ML 3.8 (GS). Felt (III) at Bairoil.
	01	22 15 44 5	41 934 N	126.846 W	10 G	4 2		1 0	111	OFF COAST OF NORTHERN CALIFORNIA
	01	23 04 17 0*	35.221 N	2.240 W	5 G			1.0	11	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). Felt (III) in the Berkane area, Moracco.
	02	00 41 31.2&	32.309 N	115.272 W	6 G				16	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3 3 (PAS).
	02	00 52 04 5*	46.851 N	153.434 E	33 N	4.7		0.6	11	KURIL ISLANDS
	02	01 54 47.5*	35.025 N	2.967 W	10 G			0.3	5	STRAIT OF GIBRALTAR. MG 3.0 (RTC).
	02	02 08 32.7	25.946 N	109 989 W	10 G	4 7		1.1	34	GULF OF CALIFORNIA
	02	02 30 21 7?	31.39 S	69 42 W	135 ?			0.2	7	SAN JUAN PROVINCE, ARGENTINA
o	02	03 00 18 4	46.471 S	33 954 E	10 G	5 6 5.5		1.2	142	PRINCE EDWARD ISLANDS REGION. Mw 5 8 (HRV)
	02	03 17 38.5	39.784 N	20 786 E	10 G			0.8	21	GREECE-ALBANIA BORDER REGION ML 3 1 (THE), 3.1 (TIR). MD 3.0 (ATH).
	02	03 51 43 3%	26.927 S	26 760 E	5 G			1.2	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	02	05 32 56 8*	40.683 N	27 426 E	10 G			0.5	5	TURKEY ML 2.7 (ISK).
	02	05 56 57.6	26.827 S	26 605 E	5 G			1.4	13	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE). mbLg 3.1 (BUL).
	02	06 45 19.5*	37.273 N	21.993 E	10 G			0.8	11	SOUTHERN GREECE. ML 3.0 (THE). MD 3.1 (ATH).
	02	07 29 47.6?	30 54 S	179.93 E	250 ?	4.4		0.7	6	KERMADEC ISLANDS REGION
	02	07 40 56 4	41.661 N	22.356 E	10 G			0.5	9	NORTHWESTERN BALKAN REGION. ML 2 2 (SKO), 2.1 (THE).
	02	08 07 03 4?	40 66 N	22.93 E	10 G			0.1	4	GREECE
	02	08 16 47.5*	11.637 N	86.667 W	117 *	4.3		1.0	29	NEAR COAST OF NICARAGUA. Felt at Managua and in Leon and Chinondega Departments.
	02	08 22 08 5?	11.41 N	61.96 W	33 N			0.6	5	WINDWARD ISLANDS. MD 3.2 (TRN).
o	02	08 27 19 1	51.513 N	178.744 W	33 N	5.6 5.4		1.0	423	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5 8 (HRV) ML 5 4 (PMR). Ms 5.3 (BRK). Felt (III) on Adak
	02	08 42 20 5	3.596 S	149.603 E	23 *	4.7		1.2	24	BISMARCK SEA
	02	09 50 05 3%	39 209 N	29.077 E	10 G			0.3	7	TURKEY. ML 2.8 (ISK).
	02	09 55 31 9%	39.957 N	23 815 E	10 G			0.3	8	AEGEAN SEA. ML 2.0 (THE).
	02	10 19 44 7	38 744 N	27 555 E	9			0.7	38	TURKEY. ML 4.3 (ATH), 3.8 (ISK). Felt in the Manisa region.
	02	10 37 48.1*	46.428 N	14.144 E	10 G			0.2	5	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU).
	02	10 52 08.0?	32.45 S	71.81 W	33 N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	02	10 58 00 1	46 136 N	15.601 E	10 G			1 0	11	NORTHWESTERN BALKAN REGION. MD 3.3 (LJU). Felt at Podcetrtek, Slavenia.
	02	11 33 49 4%	26 887 S	26.745 E	5 G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2 1 (PRE).
	02	12 14 22 0*	42.528 N	24.003 E	5 G			1.4	9	BULGARIA. ML 3 0 (THE).
	02	12 46 17.7	14.997 S	167 351 E	162 *	4.7		1.0	64	VANUATU ISLANDS
	02	13 01 25 0&	37 240 N	118 175 W	10				19	CALIFORNIA-NEVADA BORDER REGION. <GM-P> MD 3.1 (GM).
	02	13 02 03 7*	6 445 S	130 383 E	33 N	5.3		1 2	15	BANDA SEA
	02	13 21 47 1%	28 051 S	26.844 E	5 G			0.5	8	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	02	13 52 17 2%	38 851 N	30.001 E	10 G			1.3	5	TURKEY
	02	14 32 33 4&	61 046 N	146.333 W	15				43	SOUTHERN ALASKA <AEIC> ML 2 5 (AEIC).
	02	14 42 21 9%	26 415 S	27 364 E	5 G			1.5	6	REPUBLIC OF SOUTH AFRICA. ML 2 6 (PRE).
	02	14 54 27 2*	39.181 N	23.025 E	10 G			0.3	9	AEGEAN SEA ML 2 5 (THE)
	02	15 20 06 1?	31 18 S	68 95 W	100 G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	02	16 15 12 5*	32.407 N	48.669 E	53 ?	4 2		1.4	11	WESTERN IRAN
	02	17 09 07 1?	27 02 S	26.78 E	5 G			1.3	4	REPUBLIC OF SOUTH AFRICA. ML 2 2 (PRE).
	02	17 52 13.5?	6.86 S	130.15 E	65 ?	4 3		1.2	15	BANDA SEA
	02	18 05 54.4?	46.18 N	16.56 E	10 G			0.9	8	NORTHWESTERN BALKAN REGION. ML 2.3 (ZAG), 2.3 (VIE). Felt at Ludbreg, Croatia.
	02	18 09 49.1	40.517 N	22.778 E	5 G			0.3	10	GREECE. ML 2.0 (THE).
	02	18 19 35.4*	35.077 N	139.320 E	55 ?	4 8		1.1	12	NEAR S COAST OF HONSHU, JAPAN
	02	18 28 55.7*	46.141 N	16 657 E	10 G			1.3	10	NORTHWESTERN BALKAN REGION. ML 2.8 (ZAG), 2.6 (VIE). MD 2.9 (LJU), 2.6 (TRI). Felt at Ludbreg, Croatia.
	02	18 59 17.8*	31.131 S	68 501 W	99 ?			0 3	8	SAN JUAN PROVINCE, ARGENTINA
	02	20 04 22 5%	38.012 N	14.126 E	10 G			1.3	9	SICILY MD 2.8 (ROM).
	02	20 28 55 6*	16.130 N	98.825 W	10 G			0.8	9	NEAR COAST OF GUERRERO, MEXICO
	02	20 42 52.8	36.237 S	179 597 E	66	5.7		1.0	58	OFF E COAST OF N ISLAND, N.Z. Felt at Lower Hutt.
	02	21 09 52.2&	45.039 N	122 609 W	12				46	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.8 (SEA), 2 8 (GS). Felt (III) at Mount Angel and Scotts Mills; (II) at Molalla, Oregon. Also felt in the southern part of Portland, Oregon.
	02	22 01 48.2	28.940 N	47 606 E	10 G	4.7		1.0	26	EASTERN ARABIAN PENINSULA. MD 4.8 (RYD). Felt strongly in Kuwait.
	02	22 25 26.9*	8.665 S	118 519 E	114 ?	4 3		0.7	7	SUMBAWA REGION, INDONESIA
	02	22 50 59 4&	34.250 N	118 514 W	12				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2 8 (PAS). Felt in the San Fernando Valley.
	02	23 12 54.9	41.995 N	142.251 E	73	4.7		0.8	50	HOKKAIDO, JAPAN REGION
	02	23 32 55.7*	39.185 N	20.402 E	10 G			0.6	10	GREECE-ALBANIA BORDER REGION. ML 2.5 (THE)
	03	01 01 36 2	46.254 N	16.306 E	5 G			0.7	6	NORTHWESTERN BALKAN REGION. Felt at Ludbreg, Croatia
	03	01 15 37 0	23.417 N	99.997 E	10 G	4.7 3.9		0.9	22	MYANMAR-CHINA BORDER REGION
	03	01 28 13 7*	0.766 S	124 000 E	116 *	4.9		1.0	17	SOUTHERN MOLUCCA SEA
	03	02 16 21.4*	51 302 N	16 157 E	10 G			1.4	7	POLAND
	03	02 23 03 6	37.156 N	117.742 W	5 G			0.7	36	CALIFORNIA-NEVADA BORDER REGION ML 3 8 (BRK).
	03	02 31 55.1?	16 11 N	98.87 W	33 N			1.3	8	NEAR COAST OF GUERRERO, MEXICO
	03	03 15 25.9*	31 473 S	68.647 W	110 ?			0.3	9	SAN JUAN PROVINCE, ARGENTINA
	03	03 58 08.8*	49 986 S	120.102 E	10 G	3.7		1.3	15	SOUTH OF AUSTRALIA
	03	04 45 07 3?	29 25 S	17.45 E	5 G			1.4	9	REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE).
	03	05 11 10 9	52 926 N	160 054 E	48	5.0		1.0	105	OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy
	03	05 44 19 1?	31 55 S	68.58 W	100 ?			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	03	06 58 48 8*	5.116 S	152.791 E	33 N	4.5		1.2	5	NEW BRITAIN REGION, P.N.G.
	03	07 31 49 8?	16 81 N	94.51 W	33 N			0.8	5	OAXACA, MEXICO
	03	07 38 35 4?	43 01 N	1.47 W	10 G			0.1	6	PYRENEES. ML 1.1 (STR).
	03	07 46 12.2?	42.79 N	128.09 W	10 G			0.4	39	OFF COAST OF OREGON
	03	07 46 47 4	40 896 N	35.964 E	10 G	4.3		1.1	25	TURKEY. ML 4.1 (ISK). Felt in the Samsun area.
	03	08 01 04 3*	42 811 N	144.817 E	33 N	4.4		1.2	11	HOKKAIDO, JAPAN REGION
	03	08 23 00 7*	41.420 N	24 582 E	10 G			0.4	6	GREECE-BULGARIA BORDER REGION
	03	08 44 28.2?	40.49 N	21.87 E	10 G			1 1	4	GREECE
o	03	09 38 25.6	14.841 S	167.299 E	152 D	5.9		1.0	309	VANUATU ISLANDS Mw 6.1 (HRV).

	03	10	17	55.0	15	947	N	60	404	W	40 *	4 3	0.6	18	LEEWARD ISLANDS. MD 3.9 (TRN).
	03	11	51	59 4*	50.179	S		119	875	E	10 G	4 2	0 7	16	SOUTH OF AUSTRALIA
	03	12	28	26 4%	40	735	N	22	128	E	10 G		0 8	5	GREECE ML 1 8 (THE).
	03	12	57	36 6	51	156	N	5	814	E	10 G		1.2	37	THE NETHERLANDS. ML 3 8 (LDG), 3.7 (DBN), 3.5 (KOE), 3 3 (BNS), 3.3 (UCC). Felt in the Roermond area. Also felt in Germany as far away as Bergisch Gladbach.
	03	13	04	55.2	21.144	S		70.087		W	83 *		1.4	16	NEAR COAST OF NORTHERN CHILE
	03	13	18	11 8%	26	208	S	28	170	E	5 G		0.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	03	13	33	53 2%	18	084	N	67	144	W	10 G		0.2	6	MONA PASSAGE
	03	13	48	03 2*	10	389	S	117	310	E	33 N	3.9	1.2	5	SOUTH OF SUMBAWA, INDONESIA
	03	14	23	36 4	25	438	N	128	300	E	37 D	5.0 4.9	1.2	97	RYUKYU ISLANDS
	03	14	47	22 0%	44.301	N		7	209	E	10 G		0.2	9	NORTHERN ITALY. ML 2.0 (GEN).
	03	16	47	40 6?	10	19	N	60	48	W	120 G		1.0	7	TRINIDAD MD 3 3 (TRN).
	03	17	46	57.3?	31.71	S		67	90	W	97 ?		0 4	6	SAN JUAN PROVINCE, ARGENTINA
	03	18	21	12.0&	58	072	N	152	112	W	13			36	KODIAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
	03	18	31	32.5%	34	038	S	70.079		W	10 G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	03	19	23	40.0	41	942	N	18	651	E	10 G		0 9	19	ADRIATIC SEA ML 2.9 (TTG), 2.7 (TIR).
	03	20	00	46.5?	9.27	S		123	90	E	67 ?		1 0	5	TIMOR REGION, INDONESIA
	03	20	03	13.1?	35.12	N		22	08	E	10 G	3 7	1 4	17	CENTRAL MEDITERRANEAN SEA. ML 3 6 (THE).
	03	20	15	22.7&	36.417	N		121	037	W	7			61	CENTRAL CALIFORNIA. <BRK>. ML 3 0 (BRK), 3.1 (PAS), 3 0 (GS). MD 3.2 (GM).
o	03	20	16	26.7	9.595	N		126	512	E	56	5.2 5.4	1.1	116	MINDANAO, PHILIPPINE ISLANDS. Mw 5 6 (HRV).
	03	20	31	23.5*	9	589	N	126	463	E	57 *	4.7	1.2	28	MINDANAO, PHILIPPINE ISLANDS
	03	20	50	51.2%	38	329	N	3	176	W	10 G		0.8	6	SPAIN. mbLg 2.8 (MDD).
	03	21	18	15.3	42.308	N		19	397	E	8		1.4	83	NORTHWESTERN BALKAN REGION. MD 4.1 (TRI), 3.7 (TTG). ML 3.6 (ROM), 3.6 (THE), 3.6 (TIR).
	03	21	27	15 1%	42.364	N		19	503	E	10 G		0.3	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	03	21	27	52 9*	3	378	N	128	196	E	99	4.8	0.9	13	NORTH OF HALMAHERA, INDONESIA
	03	22	17	33 8	40.575	N		15	784	E	10 G		1.0	23	SOUTHERN ITALY
	03	23	44	04 8	40	625	N	19	668	E	10 G		1.3	17	ALBANIA. ML 3.3 (TIR), 2.8 (THE).
	04	00	59	06 2?	32	67	S	179	29	W	492 ?	4.4	1.2	31	SOUTH OF KERMADEC ISLANDS
	04	01	04	01 4	23.721	N		100	290	E	10 G	4.5 4.5	1.5	27	YUNNAN, CHINA
	04	01	10	28 6&	60.092	N		150	888	W	43			53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
o	04	01	32	11 1	19.035	N		26	395	W	10 G	5.2 4.9	0.9	278	NORTH ATLANTIC OCEAN. Mw 5.3 (HRV).
	04	02	06	18 1*	7	035	S	130	113	E	103 *	5.2	0.6	27	TANIMBAR ISLANDS REG., INDONESIA
	04	02	43	32.1	44.320	N		6	712	E	10 G		0.9	13	FRANCE. ML 2.2 (GEN), 1.9 (LDG).
	04	02	51	37.7	39	229	N	20	525	E	5 G		1.0	22	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE). MD 3.0 (ATH).
o	04	03	06	35.3	11.799	N		142	493	E	25 D	5.6 5.5	1.2	198	SOUTH OF MARIANA ISLANDS. Mw 5 6 (HRV).
	04	03	09	07.3*	13	230	N	143	199	E	111	5.1	0.9	60	SOUTH OF MARIANA ISLANDS
	04	03	17	22.8%	39.370	N		23	085	E	10 G		0.6	9	AEGEAN SEA. ML 1.9 (THE).
	04	03	20	13 2%	39.444	N		22.979		E	10 G		0.6	9	GREECE. ML 2.1 (THE).
	04	03	24	25 1&	35.017	N		116	964	W	0			5	CENTRAL CALIFORNIA. <PAS-P> ML 2 8 (PAS).
	04	03	24	25 9	38	781	N	20	412	E	5 G	4.6	1.3	145	GREECE. ML 4 7 (ROM), 4 6 (TTG), 4 4 (ATH), 4.4 (TIR). 4 2 (THE)
	04	03	25	26 8&	34	489	N	120	732	W	6 G			33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3 0 (PAS).
	04	04	10	43 0?	38.52	N		20	96	E	33 N		1.3	4	GREECE. MD 3.1 (ATH).
	04	04	28	09 5	38.689	N		20	431	E	5 G	3.8	1.3	47	GREECE. MD 3 9 (ATH). ML 3.7 (TTG), 3 5 (TIR), 3.4 (THE).
	04	05	25	01 4*	38	801	N	20	691	E	10 G		1.1	12	GREECE ML 3 2 (THE).
	04	05	39	55 3%	11	387	N	61	875	W	10 G		0 4	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	04	05	50	30 3&	37	288	N	121	662	W	5			64	CENTRAL CALIFORNIA. <BRK>. ML 3 6 (BRK). Felt at Morgan Hill.
	04	06	36	12 3%	41	342	N	14	947	E	10 G		0.4	6	SOUTHERN ITALY
	04	07	14	07 0?	34.99	S		71	02	W	110 G		0.2	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	04	08	27	21 6	40	500	N	21	775	E	10 G		1.3	8	GREECE. ML 1.6 (THE).
	04	08	59	47 9&	34	393	N	119	743	W	2			37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt (IV) at Santa Barbara and (III) at Ventura.
	04	09	16	07 6%	33.104	S		71	059	W	33 N		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	04	09	30	33 8%	44.552	N		7	547	E	10 G		0.3	6	NORTHERN ITALY. ML 2.3 (LDG).
	04	10	09	55.4*	9	623	N	126	974	E	33 N	4.7	0.5	6	MINDANAO, PHILIPPINE ISLANDS
	04	10	14	33.3	51	829	N	179	907	E	112	4.5	1.0	69	RAT ISLANDS, ALEUTIAN ISLANDS
	04	10	31	55 7?	40	80	N	22	95	E	10 G		0.1	4	GREECE. ML 1.5 (THE).
f	04	10	49	33 6	3.734	N		128	497	E	20 G	5.9 5.8	1.2	254	NORTH OF HALMAHERA, INDONESIA Mw 6.0 (GS), 6.0 (HRV). Ms 5.8 (BRK). Depth from broadband displacement seismograms.
o	04	11	24	54 7	1.227	N		123	310	E	27 D	5.4 5.4	1.2	126	MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
	04	11	39	51.5?	31.19	S		68	38	W	93 ?		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	04	11	47	43.5%	26.213	S		28.193		E	5 G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	04	11	52	21.9?	11	48	N	61	53	W	10 G		0.1	4	WINDWARD ISLANDS. MD 2.8 (TRN).
	04	12	02	17.9	63.384	N		151	124	W	33 N		1.1	9	CENTRAL ALASKA. ML 2.7 (PMR).
	04	12	12	29.3%	26.919	S		26	771	E	5 G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2 6 (PRE).
	04	12	24	17 2*	7.506	N		76	647	W	10 G	3.9	1.0	6	NORTHERN COLOMBIA
	04	12	25	05 2*	42.571	N		24	171	E	10 G		0.4	8	BULGARIA ML 3.0 (THE).
	04	12	32	30 8&	34.394	N		119	735	W	2			2	SOUTHERN CALIFORNIA <PAS-P>. ML 2.2 (PAS). Felt at Santa Barbara.
	04	13	21	46 7?	58	20	N	6	43	E	5 G		0 5	7	SOUTHERN NORWAY MD 2.5 (BER).
	04	13	35	11 6	1	226	N	123	348	E	31 D	5 0 4 4	1.3	34	MINAHASSA PENINSULA, SULAWESI
	04	14	30	43.0*	0.515	S		124	299	E	33 N	4.7	1.1	10	SOUTHERN MOLUCCA SEA
	04	14	31	01.8	13	835	N	145	202	E	116	5.0	1.1	94	MARIANA ISLANDS. Felt (IV) at Anigua, Mangilao, and Yigo, (III) at Agana and Tamuning, Guam.
	04	14	44	54 2?	37	32	S	177	55	E	226 ?		0 9	18	OFF E COAST OF N ISLAND, N.Z.
	04	15	08	33 3&	60	082	N	153	403	W	142			29	SOUTHERN ALASKA. <AEIC>.
	04	15	29	57 9	24	207	S	69	399	W	72	4 9	1.1	37	NORTHERN CHILE
	04	15	40	31 5*	16	253	S	69	802	W	203 *	4 0	1 5	12	PERU-BOLIVIA BORDER REGION
	04	15	57	54 2?	61.66	N		3	06	E	5 G		1.0	6	NORWEGIAN SEA. MD 2.2 (BER).
	04	17	25	49 2%	45	028	N	7	343	E	10 G		0.6	10	NORTHERN ITALY. ML 2 2 (GEN).
	04	17	30	41.1	33	693	N	132	196	E	73 *	4.1	1 0	13	SHIKOKU, JAPAN
	04	18	29	05 7&	60	490	N	152	136	W	80			57	SOUTHERN ALASKA. <AEIC>.
	04	20	31	53 3*	55.864	S		27	681	W	33 N	5.1	1.4	20	SOUTH SANDWICH ISLANDS REGION
	04	20	41	47.1	11.824	N		142	530	E	52 *	4 8 4 1	1 2	37	SOUTH OF MARIANA ISLANDS
	04	21	09	07 1	37.561	N		20	858	E	33 N	4 2	1.4	61	IONIAN SEA ML 4.2 (TIR), 4 0 (THE), 3.8 (ATH).
	04	21	18	04.1	43.656	N		8	043	E	10 G		0.4	16	CORSICA. ML 2.2 (LDG), 2.2 (GEN).

	04	21	36	51.8	43	123	N	12.678	E	19	4.1	1.2	155 CENTRAL ITALY ML 4.4 (VIE), 4.3 (TIR), 4.1 (TTG), 3.8 (ROM). MD 4.3 (TRI), 4 0 (FIR)
	04	21	44	16 4%	31	379	S	68.678	W	33	N	1.0	6 SAN JUAN PROVINCE, ARGENTINA
	04	21	52	11.5	51	552	N	16.197	E	21	4 0	0 8	38 POLAND. ML 4.3 (GRF), 4.1 (VIE), 4.0 (WAR), 3.5 (CLL).
	04	21	56	25.4*	42	969	N	43.613	E	33	N 4.2	0.7	13 NORTHWESTERN CAUCASUS
	04	22	21	13.3*	31	568	S	70.112	W	130	G	0.4	11 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	04	23	09	48.9?	9	73	N	126.44	E	74	? 4.4	1.3	12 MINDANAO, PHILIPPINE ISLANDS
	04	23	20	30.6?	45	46	N	21.38	E	10	G	1 1	5 ROMANIA
	04	23	49	11.4*	6	667	N	72.849	W	170	* 4.1	1.3	18 NORTHERN COLOMBIA
	04	23	59	18.7*	36	935	N	69.854	E	33	N 4 1	1 1	7 HINDU KUSH REGION, AFGHANISTAN
	05	00	22	47.7*	40	231	N	139.137	E	34	* 3 9	1.1	11 NEAR WEST COAST OF HONSHU, JAPAN
	05	00	54	12 8	40	701	N	20.293	E	10	G	1.0	16 GREECE-ALBANIA BORDER REGION. ML 3 0 (THE), 2.6 (TIR).
	05	00	59	59.6	39	226	N	29.144	E	10	G	0.7	12 TURKEY ML 3.2 (ISK).
	05	01	24	53.0	45	674	N	96.293	W	10	G	0.5	26 MINNESOTA mbLg 4 1 (GS), 4 1 (OTT). Slight damage (VI) at Wheaton. Felt (V) at Alberta, Barry, Browns Valley, Clinton, Donnelley, Dumant, Groceville, Herman, Morris and Odessa; (IV) at Beardsley, Chokio, Clinton, Cyrus, Danvers, Farwell, Hancock, Hoffman, Kensington, Lawry, Milan, Tintah and Wendell; (III) at Ashby, Barrett, Battle Lake, Bellingham, Brandan, Broaten, Campbell, Dalton, Elbow Lake, Foley, Garfield, Glenwood, Litchfield, Marietta, Melrose, Milaca, Moorhead, Nashua, Olivia, Ortonville, St. Claud and Staples. Felt (IV) at Big Stone City, Corona, New Effington, Peever, Rashalt and Veblen, South Dakota; (III) at Clair City, Marvin, Milbank and Summit, South Dakota. Also felt (III) at Cogswell and Fairmont, North Dakota. Felt throughout much of west-central Minnesota as far east as Minneapolis and in parts of northeastern South Dakota and southeastern North Dakota.
	05	01	41	40.3%	32	666	S	68.675	W	33	N	0.7	6 MENDOZA PROVINCE, ARGENTINA
	05	01	47	07.6%	39	251	N	29.189	E	10	G	0.5	5 TURKEY. ML 2.8 (ISK).
	05	02	04	28.1*	5	802	N	126.930	E	162	* 4.1	1.0	9 MINDANAO, PHILIPPINE ISLANDS
	05	02	32	34.3	29	923	S	73.177	W	10	G 4.7	1.4	55 OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	05	03	02	02.9*	0	178	S	131 311	E	33	N 5.0	0.9	10 IRIAN JAYA REGION, INDONESIA
	05	03	04	12 8?	28	54	N	128 13	E	222	? 3.9	1.5	5 RYUKYU ISLANDS
	05	03	17	59 6?	48	96	N	149 48	E	33	N 4.3	1.5	8 NORTHWEST OF KURIL ISLANDS
	05	04	19	57 5&	34	388	N	116.455	W	3			8 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS)
	05	04	35	17 0	5	704	S	146 860	E	135	5.0	0.7	23 EASTERN NEW GUINEA REG , P.N.G
	05	05	14	18 8&	61	258	N	151 566	W	72			60 SOUTHERN ALASKA. <AEIC>.
	05	05	27	24 4%	40	720	N	23 301	E	10	G	0.8	5 GREECE. ML 1.7 (THE)
	05	05	41	21 4	40	260	N	143 941	E	35	D 4.6 4.2	1.2	46 OFF EAST COAST OF HONSHU, JAPAN
	05	06	47	29 4?	32	34	N	4 33	W	33	N	1.2	5 MOROCCO
	05	08	29	20 9?	44	74	N	6.72	E	10	G	0.1	4 FRANCE. ML 1.7 (GEN).
	05	09	00	08 5?	6	16	S	129 75	E	219	? 4 4	0.3	5 BANDA SEA
	05	09	39	49 3*	23	702	S	66 663	W	250	?	0.9	13 JUJUY PROVINCE, ARGENTINA
	05	10	04	29 4	40	409	N	21 854	E	10	G	0.9	9 GREECE ML 1 9 (THE)
	05	10	07	27 0&	62	978	N	150 046	W	92			49 CENTRAL ALASKA <AEIC>
	05	11	07	12.6?	34	33	S	72.18	W	33	N	0.3	10 NEAR COAST OF CENTRAL CHILE MD 4.1 (SAN).
	05	11	22	18 9%	9	272	N	70 312	W	5	G	0.6	10 VENEZUELA
	05	11	25	44.3*	14	113	N	92 588	W	64	* 4 5	1.1	40 NEAR COAST OF CHIAPAS, MEXICO
	05	11	42	25.5*	6	149	S	147.462	E	88	* 4.8	0.8	15 EASTERN NEW GUINEA REG , P N.G.
	05	11	45	57.6%	27	029	S	26.952	E	5	G	0.4	5 REPUBLIC OF SOUTH AFRICA
	05	11	55	55.7&	34	148	N	116.422	W	4			13 SOUTHERN CALIFORNIA. <PAS-P>. ML 3 6 (PAS), 3.4 (GS). Felt at Yucca Valley.
	05	12	14	12.6	46	211	N	16.638	E	10	3.8	1.0	35 NORTHWESTERN BALKAN REGION ML 3.6 (BRA), 3.6 (VIE), 3.5 (ZAG). MD 3.4 (TRI). Felt (VI) in the Ludbreg area, Croatia.
	05	12	53	38.7%	26	973	S	26.851	E	5	G	1.4	7 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	05	13	22	20.0	47	762	N	9.776	E	10	G	0.4	7 GERMANY. ML 2.7 (VIE), 2.5 (LDG).
	05	13	31	15 0&	59	562	N	151.917	W	55	3.5		89 KENAI PENINSULA, ALASKA <AEIC>. ML 3.9 (AEIC), 4.0 (PMR). Felt (IV) at Niniltchik.
	05	14	23	48.9?	19	55	N	77.66	W	10	G 3 7	0 4	6 CUBA REGION
	05	14	45	44 0	49	147	N	6.803	E	10	G	1.0	28 GERMANY. ML 3.2 (STR), 3.0 (BNS), 2.8 (UCC).
	05	15	28	08.2?	38	57	S	176.11	E	190	G	0 2	11 NORTH ISLAND, NEW ZEALAND
	05	15	40	52.7	37	722	N	20.876	E	44	4 5	1.4	131 IONIAN SEA. MD 4.4 (TTG), 4.3 (ATH).
	05	17	47	30 1*	9	408	N	126.318	E	56	* 4 3	1 1	12 MINDANAO, PHILIPPINE ISLANDS
	05	18	01	33 2?	36	59	N	4.90	W	10	G	0.4	4 STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	05	18	09	49 3	10	152	N	62.474	W	68	*	0 9	21 NEAR COAST OF VENEZUELA. MD 4.1 (TRN).
	05	18	18	18 1?	31	97	S	68.99	W	159	?	1 5	7 SAN JUAN PROVINCE, ARGENTINA
	05	18	27	06 5%	36	637	N	4.940	W	10	G	0.6	5 STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	05	18	38	20.0	13	350	S	167.047	E	204	* 4 8	1.0	44 VANUATU ISLANDS
	05	19	02	00.1*	54	549	N	159.859	W	33	N 4 5	0.9	15 SOUTH OF ALASKA
	05	19	16	16 8	43	121	N	12.678	E	8	4 9	1 2	210 CENTRAL ITALY ML 4.8 (VIE), 4 6 (TTG) MD 4.9 (TRI)
	05	19	45	12 3?	23	34	S	66.90	W	206	?	1.2	8 JUJUY PROVINCE, ARGENTINA
	05	20	19	10 3&	63	498	N	150 936	W	14			59 CENTRAL ALASKA <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	05	20	33	26 9?	23	74	S	67 08	W	229	?	1 3	6 CHILE-ARGENTINA BORDER REGION
o	05	22	12	20.3*	29	998	S	177 047	W	33	N 5 0 4 6	1.2	24 KERMADEC ISLANDS, NEW ZEALAND. Mw 5 2 (HRV).
	05	22	19	16.4?	6	22	N	72.17	W	33	N	1.3	5 NORTHERN COLOMBIA
	05	22	19	51.1	36	807	N	4.913	W	21		0.9	16 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	05	22	33	50 7%	34	191	S	70.866	W	90	G	0.2	10 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	05	22	51	39.3?	35	11	S	71.46	W	100	G	0.4	8 CENTRAL CHILE. MD 3.8 (SAN).
	05	23	06	11 0	41	170	N	20.170	E	10	G	1.4	17 ALBANIA. ML 2.8 (TIR), 2.5 (THE).
	05	23	11	05.5	36	646	N	4.936	W	10	G	0 6	9 STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	05	23	17	27.3	32	330	S	70 299	W	110	G	0.9	17 CHILE-ARGENTINA BORDER REGION. MD 3 7 (SAN).
	05	23	20	09.0*	41	417	N	24.543	E	10	G	0.5	8 GREECE-BULGARIA BORDER REGION. ML 3.1 (THE).
	05	23	28	42.7	36	595	N	4 957	W	28		1.1	21 STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). MD 3 0 (RBA).
	05	23	36	04.5	36	737	N	4 941	W	10	G	1.4	9 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	05	23	58	05.7&	32	813	N	115.603	W	16			9 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS). Felt.
	06	00	38	18.9*	36	294	N	70 830	E	222	? 4 1	0 9	14 HINDU KUSH REGION, AFGHANISTAN
	06	00	53	20 5	36	726	N	4 906	W	10	G	0.8	12 STRAIT OF GIBRALTAR mbLg 2.3 (MDD)
	06	00	54	53.1	36	702	N	4 958	W	10	G	1.3	10 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).

	06	01 00 13.4	36 640	N	4 980	W	10	G			0 8	9	STRAIT OF GIBRALTAR mbLg 2 6 (MDD)
	06	01 04 34.7&	35.027	N	116.978	W	8					10	CENTRAL CALIFORNIA. <PAS-P> ML 2 8 (PAS)
	06	01 13 22.0	36 658	N	4 944	W	10	G			0.9	10	STRAIT OF GIBRALTAR mbLg 2 7 (MDD).
	06	01 15 02.7	36 620	N	4 914	W	10	G			0.8	10	STRAIT OF GIBRALTAR mbLg 2 6 (MDD)
	06	01 27 56.1*	11.785	S	165.842	E	90	*	4.6		0.9	13	SANTA CRUZ ISLANDS
	06	01 51 23.7	43.037	N	2.275	E	14				0 5	24	FRANCE. ML 3 5 (LDG) mbLg 3 3 (MDD).
	06	02 02 55.8%	31.347	S	69.350	W	122	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	06	02 04 59.8	38 185	N	141 934	E	90	*	3.9		1 0	18	NEAR EAST COAST OF HONSHU, JAPAN
	06	02 07 13.1%	36 647	N	4.907	W	10	G			1 3	6	STRAIT OF GIBRALTAR. mbLg 2 6 (MDD).
	06	02 07 46.2*	16 104	S	176 375	W	401		4.4		1.1	23	FIJI ISLANDS REGION
	06	02 10 35.0	2.646	N	79.778	W	10	G	5.3		1 0	163	SOUTH OF PANAMA
	06	02 35 12.7	26.241	S	27.177	E	5	G			1 1	10	REPUBLIC OF SOUTH AFRICA ML 3 2 (PRE). mbLg 2 9 (BUL).
	06	02 48 03 1%	39 229	N	29.098	E	10	G			0 8	10	TURKEY ML 3 0 (ISK).
	06	02 57 08.6*	14 946	S	173.970	W	33	N	4.9 4 7		0 9	42	SAMOA ISLANDS REGION
	06	03 34 39.8%	39.237	N	29.121	E	10	G			0.6	6	TURKEY. ML 2.7 (ISK).
	06	03 55 00.4*	19.513	N	63.257	W	10	G	3.7		0.4	8	LEEWARD ISLANDS. ML 4.3 (FDF).
	06	03 55 23.0	36.680	N	5 002	W	21				0.9	14	STRAIT OF GIBRALTAR. mbLg 2 8 (MDD).
	06	04 31 33.6	39 712	N	26.108	E	10	G			0.8	17	TURKEY. ML 3 2 (ISK), 2.9 (THE).
	06	05 13 07 7	23 892	S	68 029	W	144	*	4.2		1.3	23	NORTHERN CHILE
	06	05 47 02 3	26 823	S	26.746	E	5	G			1.2	9	REPUBLIC OF SOUTH AFRICA ML 3 2 (PRE). mbLg 3.1 (MDD).
	06	05 59 19.8*	9.675	N	126.771	E	33	N	4.3		1.0	8	MINDANAO, PHILIPPINE ISLANDS
o	06	06 18 42.7	24.567	S	175.857	W	33	N	5.2 4 8		1.1	46	SOUTH OF TONGA ISLANDS. Mw 5.1 (HRV).
	06	06 26 35.0&	59.297	N	148.505	W	26					42	KENAI PENINSULA, ALASKA. <AEIC> ML 2.5 (AEIC).
	06	06 37 54.9%	27.987	S	26.674	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2 8 (PRE).
	06	07 13 16.4?	47.48	N	1.47	W	10	G			0.7	5	FRANCE. ML 2.2 (LDG).
	06	08 06 57.9%	40.326	N	21.761	E	10	G			1.1	7	GREECE. ML 1.8 (THE).
	06	08 27 43.2&	59.749	N	153.735	W	153					41	SOUTHERN ALASKA. <AEIC>
	06	08 54 52.5?	36.59	N	4.78	W	10	G			0.7	5	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
o	06	09 18 29.0	24.509	S	175.928	W	29	D	5.4 5.2		1 0	103	SOUTH OF TONGA ISLANDS. Mw 5.5 (HRV). Ms 5.1 (BRK).
	06	09 27 07.9*	26.365	N	143.283	E	33	N	4.6		0 9	24	BONIN ISLANDS REGION
	06	09 29 54.7*	35.915	N	141.883	E	10	G	4.1		1.1	15	NEAR EAST COAST OF HONSHU, JAPAN
	06	10 12 14.6%	39.411	N	0.796	W	10	G			0 6	6	SPAIN. mbLg 2.7 (MDD).
	06	10 20 36.5%	36.833	N	5.292	W	10	G			1 0	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	06	11 01 13.5%	31.719	S	68.404	W	10	G			0.8	5	SAN JUAN PROVINCE, ARGENTINA
	06	11 05 00.2	36.377	N	71 333	E	33	N	4 6		1.1	66	AFGHANISTAN-TAJIKISTAN BORD REG.
	06	11 12 42.6	51.855	N	171 379	W	33	N	4.7		1 1	87	FOX ISLANDS, ALEUTIAN ISLANDS
	06	11 22 19.1	9.155	N	70 330	W	25		4 9		0.9	197	VENEZUELA. Felt in the Merida-Trujillo-Barinas-Caracas area.
	06	11 36 56.3%	39 308	N	27.623	E	10	G			0 2	5	TURKEY ML 2 7 (ISK).
	06	11 50 06.0&	61.993	N	152.114	W	133		3.2			79	SOUTHERN ALASKA. <AEIC>.
	06	11 59 49.9*	66 917	N	22 408	E	10	G			0.9	5	SWEDEN MD 3 1 (BER)
	06	12 15 55.0*	24 627	S	176.080	W	33	N	4 6 4 7		1 3	21	SOUTH OF FIJI ISLANDS
f	06	13 23 20.8	15 823	N	146 595	E	14	G	6 0 6 6		1 2	323	MARIANA ISLANDS Mw 6 5 (GS), 6 4 (HRV) Ms 6.4 (BRK). Mo=9.1*10**18 Nm (PPT). Felt on Saipan. Depth from broadband displacement seismograms.
	06	14 13 13 0	47 994	N	5 827	E	10	G			0.8	12	FRANCE ML 2 3 (LDG), 2.0 (STR).
	06	14 25 52.0?	31 85	S	178 10	W	544	?	4.1		1.3	27	KERMADEC ISLANDS REGION
	06	14 28 27.0	40.724	N	27 455	E	10	G			0.4	9	TURKEY. ML 3 0 (ISK)
	06	14 38 42.2	41.217	N	21 944	E	10	G			0.5	10	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.7 (SKO).
	06	14 49 38.9	40.318	N	24 130	E	5	G			0.7	12	AEGEAN SEA. ML 2 6 (THE).
	06	15 28 02.0%	37.844	N	30.915	E	10	G			0.5	5	TURKEY. ML 3.4 (ISK).
	06	15 44 50.5&	37 818	N	122.194	W	10					7	CENTRAL CALIFORNIA. <GM-P>. MD 2.4 (GM). ML 2.3 (BRK). Felt in the Oakland-Piedmont-Alameda area.
	06	15 53 16.1*	1.390	N	97 310	E	33	N	4.4		0.9	11	NORTHERN SUMATERA, INDONESIA
	06	16 08 56.7%	40 070	N	28.224	E	10	G			0.5	5	TURKEY. ML 2.6 (ISK)
	06	17 25 41.6%	43.718	N	6.245	E	10	G			0.5	5	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	06	18 16 11.1	39 422	N	28.346	E	6		3.9		1.3	74	TURKEY. ML 4.3 (THE), 4.2 (ATH), 4 0 (ISK). Felt in the Balikesir area and as far east as Emet.
	06	18 22 30.2%	39 450	N	28.353	E	10	G			0.4	5	TURKEY. ML 2.9 (ISK).
	06	18 46 39 7%	44 599	N	6.713	E	10	G			0 2	5	FRANCE. ML 2 2 (GEN).
	06	18 50 08.3*	31 658	S	68.864	W	100	G			0.7	8	SAN JUAN PROVINCE, ARGENTINA
	06	19 21 36.5?	12.47	S	164.65	E	33	N	4.0		1.2	7	SANTA CRUZ ISLANDS REGION
	06	19 32 27.5*	36.266	N	12.304	W	10	G	3.2		0.9	22	NORTH ATLANTIC OCEAN. MD 3.5 (RBA). mbLg 3.1 (MDD).
	06	19 40 57.5%	40 285	N	26 885	E	10	G			0.9	6	TURKEY. ML 3.0 (ISK).
	06	20 49 33.2	39 585	N	20.508	E	10	G			1.0	11	GREECE-ALBANIA BORDER REGION. ML 2.4 (THE).
	06	21 23 58.9	33.779	S	70.291	W	126	?			0.3	13	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	06	21 27 45.7%	31 194	S	68.303	W	33	N			0.9	7	SAN JUAN PROVINCE, ARGENTINA
	06	22 10 09.7	41 781	N	22.147	E	10	G			0.8	20	NORTHWESTERN BALKAN REGION. ML 2.9 (THE), 2.6 (SKO).
	06	22 15 17.5?	35 44	S	71.42	W	33	N			0.6	10	CENTRAL CHILE. MD 3.8 (SAN).
	06	22 29 28 5*	11 867	N	142.348	E	10	G	4.5 4.3		0.9	15	SOUTH OF MARIANA ISLANDS
	06	22 30 35.7%	31.125	S	69.060	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	06	22 35 27.8	40.187	N	25.453	E	10	G			0.7	7	AEGEAN SEA. ML 2.6 (THE).
	06	22 40 31.8%	37.766	S	176.990	E	193	?			0.7	22	NORTH ISLAND, NEW ZEALAND
	06	23 09 13.2	42 230	N	19 430	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2 0 (TTG)
	06	23 44 53.6?	36.63	N	4.94	W	10	G			1.3	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	07	00 07 23.2	0.773	S	129.799	E	28	*	4.9 4 2		1.1	31	HALMAHERA, INDONESIA
	07	01 09 55.2&	59.001	N	154.690	W	124		3 B			B4	SOUTHERN ALASKA. <AEIC>.
	07	01 54 55.9%	26.919	S	26.883	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA
	07	02 25 28.2*	61.827	N	4.411	E	10	G			0.3	5	SOUTHERN NORWAY. MD 2.4 (BER).
	07	02 38 09.8?	49.72	N	157 26	E	33	N	4.3		1.0	14	EAST OF KURIL ISLANDS
	07	03 07 38.0*	31.946	S	71 102	W	70	G			1.1	18	NEAR COAST OF CENTRAL CHILE MD 3 9 (SAN).
	07	03 37 33.7?	20.89	S	169.54	E	186	*	4.3		0.9	8	VANUATU ISLANDS
	07	03 51 02.2*	1.504	N	126 390	E	50	*	4 9 3 8		1 3	25	NORTHERN MOLUCCA SEA
	07	06 13 26.3&	38.121	N	119.077	W	13					37	CALIFORNIA-NEVADA BORDER REGION <GM-P>. MD 3 2 (GM). ML 3.3 (BRK).
	07	06 13 56.5?	5.27	N	94.54	E	33	N	4 6		0 9	9	NORTHERN SUMATERA, INDONESIA
	07	07 09 53.8%	40 053	N	28.529	E	10	G			0 8	8	TURKEY. ML 3.0 (ISK).
	07	07 10 42.8%	31.094	S	68.917	W	33	N			1 3	5	SAN JUAN PROVINCE, ARGENTINA
	07	07 14 27.6	39.924	N	46.273	E	36	*	4.4		1 5	27	ARMENIA-AZERBAIJAN-IRAN BORD REG
	07	07 19 30.1	43.564	N	0 620	W	10	G			1 2	30	PYRENEES. ML 3.6 (LDG) mbLg 3.2 (MDD). Felt in the Lacq Oilfield area.
	07	07 42 47.6%	33 521	S	70.187	W	10	G			0 3	9	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
o	07	07 49 35.1	35.972	N	141.529	E	36	D	5.6 5 5		0 9	341	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.8 (HRV). Felt

													(11 JMA) at Tokyo
	07	07	53	32	3*	33.647	S	72.128	W	10	G	0.9	15	OFF COAST OF CENTRAL CHILE MD 4 1 (SAN).
	07	08	14	22	2%	47 734	N	7 670	E	10	G	0.1	5	SWITZERLAND. ML 1 8 (STR).
	07	08	19	20	7*	6 293	N	72 181	W	33	N	1.4	7	NORTHERN COLOMBIA
	07	08	55	44	7&	32.887	N	115 667	W	9			5	CALIF -BAJA CALIF BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	07	09	53	52	8?	39.14	N	27.59	E	10	G	0.7	4	TURKEY ML 2.8 (ISK).
	07	10	47	53	2	4.767	N	74.487	W	61	4.0	1 3	27	COLOMBIA Felt at Bogota, Girardot and Monizales.
	07	11	05	19	7%	40 408	N	23 327	E	10	G	0.6	5	GREECE
	07	12	15	21	6	39.968	N	28 901	E	5	G	0.5	14	TURKEY ML 3.2 (ISK)
	07	12	25	34	5*	38.353	N	22.060	E	10	G	1 4	17	GREECE. ML 3.2 (ATH), 3.1 (THE)
	07	12	31	54	7%	39 123	N	27.641	E	10	G	0 7	5	TURKEY. ML 2.8 (ISK).
	07	12	51	50	9%	41 361	N	24.347	E	5	G	0.5	6	GREECE-BULGARIA BORDER REGION. ML 2 2 (THE).
o	07	13	14	38	5	35 286	N	141 900	E	11	5.3 4.9	1.0	181	NEAR EAST COAST OF HONSHU, JAPAN Mw 5 4 (HRV).
	07	13	56	01	1?	31 75	S	69 23	W	33	N	0.7	5	SAN JUAN PROVINCE, ARGENTINA
	07	14	14	55	9	32.537	S	71.856	W	33	N	0.8	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	07	14	27	39	9&	59 326	N	152.000	W	64			49	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	07	15	23	22	4	38 455	N	118 267	W	10	G	0 8	25	CALIFORNIA-NEVADA BORDER REGION ML 3 1 (GS).
	07	15	47	30	1&	63 151	N	151 259	W	12			55	CENTRAL ALASKA. <AEIC> ML 3.0 (AEIC), 3 1 (PMR).
	07	16	14	21	8?	59 41	N	5 71	E	10	G	0.9	4	SOUTHERN NORWAY. MD 1.3 (BER).
	07	17	00	58	1*	8 293	S	107 536	E	48	? 4.7	1.4	22	JAWA, INDONESIA
	07	18	02	14	2?	41.94	N	23.75	E	10	G	0.8	6	GREECE-BULGARIA BORDER REGION. ML 2 3 (THE).
	07	18	17	43	3?	32.02	S	67 15	W	131	?	0.1	6	MENDOZA PROVINCE, ARGENTINA
	07	20	25	35	1*	31 323	S	68 933	W	125	*	0.6	9	SAN JUAN PROVINCE, ARGENTINA
	07	20	40	11	1*	34 644	N	141.599	E	33	N 4 6 4.0	1.0	27	OFF EAST COAST OF HONSHU, JAPAN
	07	21	52	45	9	47.447	N	8.664	E	10	G	0.7	12	SWITZERLAND. ML 2.5 (LDG), 2.3 (STR).
	07	21	53	29	6%	32 921	S	70.658	W	100	G	0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	07	21	53	51	7&	32 886	N	115.668	W	10			8	CALIF -BAJA CALIF BORDER REGION. <PAS-P> ML 3.1 (PAS)
	07	22	36	10	9	10 181	N	64.165	W	31		1 4	18	NEAR COAST OF VENEZUELA. MD 3.6 (TRN), 3.4 (CAR).
	07	23	16	58	8	42 362	N	19 416	E	10	G	0 9	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG)
	08	00	01	25	2&	45 030	N	122 597	W	20	3.0		102	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 3.7 (SEA). ML 3.6 (GS). Felt (IV) at Beaverton, Oregon; (III) at Colton, Dallas, Lyons, Mill City, Molalla, Mount Angel and Stayton, Oregon; (II) at Beavercreek and Sandy, Oregon Also felt (II) at Vancouver, Washington.
	08	00	21	11	7*	39.176	N	20.397	E	10	G	0 6	12	GREECE-ALBANIA BORDER REGION. ML 2 6 (THE).
	08	00	22	43	9	2 018	S	127.732	E	61	* 5.1	1.1	57	CERAM SEA
	08	01	42	40	6&	62 348	N	151.141	W	85			76	CENTRAL ALASKA <AEIC>.
	08	01	55	02	1	47.131	N	11.237	E	10	G	0.6	6	AUSTRIA ML 2 2 (FUR).
	08	03	02	23	9	40.103	N	29.312	E	10	G	0 4	12	TURKEY ML 3 1 (ISK)
	08	03	09	00	0?	20.78	S	178.95	W	562	? 4.0	0 8	9	FIJI ISLANDS REGION
	08	03	55	22	9&	66.065	N	142.227	W	0			9	NORTHERN ALASKA <AEIC> ML 2.8 (AEIC).
	08	04	36	40	2?	31.67	S	110 30	E	10	G 4.4	1 5	10	WEST OF AUSTRALIA
	08	04	59	21	6	37.059	N	117.730	W	5	G	1.0	27	CALIFORNIA-NEVADA BORDER REGION. ML 2 8 (GS), 3.7 (BRK)
	08	05	25	39	3%	38 835	N	26 887	E	10	G	0.1	6	AEGEAN SEA ML 2 9 (ISK).
	08	05	31	28	6?	62 20	N	5 70	E	10	G	0.8	4	SOUTHERN NORWAY. MD 1.9 (BER).
	08	08	12	53	7%	39 217	N	27 722	E	10	G	0.7	6	TURKEY ML 2 7 (ISK)
	08	08	24	14	4*	63.409	N	156 649	W	10	G	0 8	6	CENTRAL ALASKA ML 3 4 (PMR).
	08	08	40	07	9?	39 71	N	29.54	E	10	G	0 2	4	TURKEY ML 2 7 (ISK)
	08	08	44	21	0%	39 613	N	29 378	E	10	G	1 1	5	TURKEY ML 2 6 (ISK)
	08	08	45	39	5?	39.06	N	28.99	E	5	G	1 3	4	TURKEY ML 2 6 (ISK).
	08	09	44	45	6%	40 657	N	29.021	E	10	G	0 6	5	TURKEY. ML 2.6 (ISK)
	08	10	06	30	3%	39 660	N	29 343	E	5	G	1 2	6	TURKEY. ML 2 8 (ISK)
	08	10	13	15	4%	39 082	N	27.613	E	10	G	0 7	5	TURKEY ML 2.8 (ISK).
	08	11	10	45	6	40 031	N	19 840	E	12		0 9	35	ALBANIA. ML 3 3 (TIR), 3.2 (TTG), 3 2 (THE) MD 3.4 (ATH).
	08	11	12	24	3	5 844	S	145 554	E	113	4 8	0 8	20	EASTERN NEW GUINEA REG., P.N.G.
	08	11	40	16	6	40 481	N	21 875	E	10	G	0 6	9	GREECE ML 2.0 (THE).
	08	11	44	01	4&	59 454	N	152.799	W	92			46	SOUTHERN ALASKA. <AEIC>.
	08	11	57	34	5	36.633	N	4 932	W	10	G	0 7	11	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	08	12	18	06	5*	31.669	S	15 695	W	10	G 5 5	1 2	88	SOUTHERN MID-ATLANTIC RIDGE
	08	12	30	49	8%	39 243	S	174 879	E	5	G	0 6	20	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL)
	08	12	57	49	4&	19.328	N	155.217	W	4	5 2		160	HAWAII <HVO-P>. MD 4.9 (HVO). Slight damage (VI) at Naalehu Felt (V) at Hawaii Volcanoes National Park, Hilo, Paholo, Pahoa, Papaaloa, Papaikou, Pepeekeo and Volcano; (IV) at Hakalau, Halualoa, Honokaa, Keaau, Laupahoehoe, Ookala and Paauilo. Also felt at Glenwood and Kurtistown Felt throughout the island of Hawaii
	08	13	02	43	0&	36 089	N	120 212	W	9			12	CENTRAL CALIFORNIA. <GM-P> MD 2.7 (GM). ML 2.7 (PAS).
f	08	13	03	36	4	51 218	N	157.829	E	71	G 6 4 7.3	1 0	662	NEAR EAST COAST OF KAMCHATKA. Mw 7 1 (GS), 7.5 (HRV). Ms 7.2 (BRK). Mo=1.8*10**20 Nm (OBN), 3.0*10**20 Nm (PPT). Damage (VII) at Severo-Kurilsk Felt (VI) at Petropavlovsk-Kamchatskiy. Maximum tsunami wave heights (peak-to-trough) recorded at selected tide stations were as follows: 12 cm. at Hilo, 10 cm. on Shemya, 8 cm. on Midway Island and 5 cm. at Haleiwa, Hawaii. Depth from broadband displacement seismograms.
	08	13	22	06	4*	51 299	N	157 416	E	33	N 4.9	0.7	36	NEAR EAST COAST OF KAMCHATKA
	08	13	50	07	3%	39 288	N	29.099	E	10	G	0.9	6	TURKEY ML 2.8 (ISK).
	08	14	08	20	2	40 618	N	23 080	E	10	G	0 3	8	GREECE ML 1.6 (THE).
	08	14	30	37	3	33 585	N	72.746	E	33	N 4 8	1 2	61	PAKISTAN
	08	14	37	36	9%	39 039	N	27 675	E	10	G	0.3	6	TURKEY ML 2.7 (ISK).
	08	14	55	12	1	51 172	N	158 035	E	60	* 4.6	1 0	53	NEAR EAST COAST OF KAMCHATKA
	08	15	12	15	7%	31 468	S	68.598	W	33	N	1 2	5	SAN JUAN PROVINCE, ARGENTINA
	08	15	23	32	3?	39 38	N	28.32	E	10	G	1 1	4	TURKEY ML 2.7 (ISK)
	08	18	28	17	3%	31.540	S	68.580	W	33	N	1.4	5	SAN JUAN PROVINCE, ARGENTINA
	08	18	47	06	8%	27.767	S	26.477	E	5	G	0 4	5	REPUBLIC OF SOUTH AFRICA
	08	19	58	49	6&	34.311	N	116.434	W	6			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2 8 (PAS).
	08	19	59	09	6	37 091	N	117 668	W	5	G	1 0	53	CALIFORNIA-NEVADA BORDER REGION ML 3 8 (GS), 4 3 (BRK)
	08	20	05	56	2*	61 451	N	5.867	E	5	G	0 7	5	SOUTHERN NORWAY MD 1.8 (BER).

	08	20	37	46	1	51	699	N	158	090	E	66	5.1	0 9 225 NEAR EAST COAST OF KAMCHATKA. Felt (III) at Severo-Kurilsk and (II) at Petropavlovsk-Kamchatskiy.
	08	21	20	15	0&	34	124	N	116	993	W	6		29 SOUTHERN CALIFORNIA. <PAS-P> ML 3.2 (PAS), 3.2 (GS). Felt (IV) at Forest Falls. Also felt at Highland.
	08	21	26	32	4?	33	40	S	71	86	W	33		0 4 9 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	08	21	48	53	8%	39	165	N	29	078	E	10 G		0.8 5 TURKEY. ML 2 7 (ISK).
	08	21	53	09	9?	21	67	N	143	01	E	325 ?	4 1	1.1 17 MARIANA ISLANDS REGION
	08	21	58	12	0?	54	19	N	160	38	W	33 N	4.0	0.5 4 ALASKA PENINSULA
f	08	23	17	41	4	31	560	S	69	234	W	113 G	6.5	0.9 558 SAN JUAN PROVINCE, ARGENTINA Mw 6.3 (GS), 6.3 (HRV). mb 6.4 (BRK). Mo=3.1*10**18 Nm (PPT). Felt (VI) in Mendoza Province, Argentina. Felt (V) at Illapel, (IV) at Valparaiso and (III) at Copiapo, La Serena, Quillota and Santiago, Chile. Also felt in Cordoba, La Rioja and San Juan Provinces, Argentina. Depth from broadband displacement seismograms.
	08	23	23	11	3	31	167	N	130	305	E	178	5.1	1.0 136 KYUSHU, JAPAN
	08	23	44	30	2*	31	568	S	69	306	W	124 *		1.3 18 SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	08	23	59	53	9%	26	315	S	27	334	E	5 G		1.4 5 REPUBLIC OF SOUTH AFRICA ML 2 0 (PRE).
	09	00	36	24	5%	33	207	S	70	808	W	80 G		0.2 9 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	09	00	58	17	8%	31	322	S	69	164	W	33 N		1.5 5 SAN JUAN PROVINCE, ARGENTINA
	09	01	54	54	8%	16	936	N	61	323	W	33 N		1.0 5 LEEWARD ISLANDS. ML 2 7 (FDF). MD 2.8 (TRN).
	09	02	18	18	3	44	215	N	7	307	E	10 G		0.6 13 NORTHERN ITALY ML 1 8 (GEN).
	09	02	32	03	0?	29	10	S	71	11	W	193 ?		1.1 9 NEAR COAST OF CENTRAL CHILE
	09	03	42	21	8%	40	314	N	27	275	E	5 G		0.6 7 TURKEY. ML 2.7 (ISK).
	09	03	46	49	0*	37	146	N	28	596	E	10 G		0.8 5 TURKEY
	09	03	49	29	5	36	565	N	139	262	E	170	4.6	0.9 25 EASTERN HONSHU, JAPAN
	09	04	07	40	8*	32	026	N	49	278	E	33 N	4 4	1.0 9 WESTERN IRAN
	09	05	52	14	4&	36	119	N	118	060	W	5		33 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (PAS).
	09	06	01	41	7?	26	44	S	27	43	E	5 G		1.4 4 REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	09	06	40	04	8?	38	52	N	20	57	E	10 G		0.8 7 GREECE. ML 2.7 (THE).
	09	07	00	31	6%	39	431	N	28	270	E	10 G		0.5 6 TURKEY. ML 2.9 (ISK).
	09	07	46	01	4	2	773	N	79	620	W	28 D	4.6	1.0 41 SOUTH OF PANAMA
	09	07	46	01	7	4	548	S	119	948	E	60 *	5.0 4.5	1.5 49 SULAWESI, INDONESIA
	09	07	53	52	4%	39	434	N	29	824	E	10 G		0.5 5 TURKEY. ML 2.6 (ISK).
	09	08	12	43	9	4	489	S	120	124	E	33 N	4 8	1.2 18 SULAWESI, INDONESIA
	09	08	15	06	4%	39	102	N	27	567	E	10 G		0 4 5 TURKEY. ML 2.7 (ISK).
	09	08	44	38	1%	40	472	N	21	896	E	10 G		0 8 10 GREECE ML 2.0 (THE).
	09	09	12	43	2%	39	015	S	176	036	E	120 *		0.7 28 NORTH ISLAND, NEW ZEALAND
	09	09	48	47	4%	38	995	N	27	585	E	10 G		0.4 6 TURKEY ML 2.8 (ISK).
	09	09	50	14	5?	39	52	N	29	50	E	10 G		0.8 6 TURKEY ML 2.6 (ISK).
	09	10	10	51	4?	6	38	S	145	99	E	113 ?	4 5	0 8 5 NEW GUINEA, PAPUA NEW GUINEA
	09	10	30	10	3?	39	32	N	29	45	E	10 G		1 3 5 TURKEY ML 2.6 (ISK).
	09	10	34	40	9?	39	49	N	29	56	E	5 G		0.7 6 TURKEY ML 2 6 (ISK).
	09	10	41	14	7%	26	817	S	26	796	E	5 G		1.5 5 REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	09	11	12	53	5?	18	68	N	67	13	W	78 ?		0 6 9 MONA PASSAGE
	09	11	13	37	5%	39	653	N	29	397	E	10 G		1 0 5 TURKEY. ML 2.7 (ISK).
	09	11	25	40	1	8	095	S	117	922	E	23 *	4 8	0.9 19 SUMBAWA REGION, INDONESIA
	09	12	07	42	3*	60	042	N	4	576	E	0 G		1.2 7 SOUTHERN NORWAY. MD 2.0 (BER). ML 2.1 (NAO).
	09	12	21	03	3%	40	408	N	27	846	E	10 G		0.6 5 TURKEY. ML 2.8 (ISK).
	09	12	28	33	9*	42	907	N	23	771	E	10 G		0.9 12 BULGARIA. ML 3.1 (THE).
	09	12	35	25	7	39	785	N	28	069	E	10 G		0.6 9 TURKEY. ML 2.8 (ISK).
	09	13	41	51	8	37	668	N	137	370	E	22	5.1	0.9 135 NEAR WEST COAST OF HONSHU, JAPAN
	09	13	55	08	2?	34	60	S	73	02	W	27		0.8 18 OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN). Felt (IV) in the Pichilemu area.
	09	14	16	57	2	31	572	S	69	369	W	115 *		0 9 19 SAN JUAN PROVINCE, ARGENTINA MD 4.3 (SAN)
	09	14	49	32	2%	39	101	N	27	583	E	10 G		0.7 6 TURKEY. ML 2.8 (ISK).
	09	14	58	15	9%	39	007	N	27	704	E	33 N		0.7 6 TURKEY. ML 2.8 (ISK).
	09	14	59	38	7	39	516	N	21	790	E	10 G		1.1 15 GREECE ML 2.6 (THE)
	09	15	57	48	8*	7	008	S	13	041	W	10 G	4.7	0.7 13 ASCENSION ISLAND REGION
	09	15	58	15	0?	14	99	N	120	50	E	106 *	4.5	1.2 8 LUZON, PHILIPPINE ISLANDS
	09	16	00	16	5*	49	968	N	17	867	E	10 G		0.9 5 CZECH AND SLOVAK REPUBLICS. ML 1.6 (WAR).
	09	16	54	14	9*	31	639	S	71	990	W	10 G		1.2 18 NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	09	17	33	36	0	34	763	N	53	276	E	30 *	5.0	1.2 48 NORTHERN IRAN. Felt in parts of Semnan Province.
	09	17	46	41	3*	37	978	N	26	841	E	10 G		1.1 7 DODECANESE ISLANDS ML 3.3 (ISK).
	09	18	07	36	7%	41	695	S	174	057	E	46 *		0.5 15 COOK STRAIT, NEW ZEALAND
	09	18	09	59	2&	59	574	N	153	456	W	115		54 SOUTHERN ALASKA. <AEIC>.
	09	19	32	29	1?	31	60	S	69	28	W	117 ?		0.7 7 SAN JUAN PROVINCE, ARGENTINA
	09	20	55	40	5%	26	845	S	26	559	E	5 G		1.3 8 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	09	21	19	24	6?	6	36	N	72	35	W	33 N		1.1 5 NORTHERN COLOMBIA
	09	21	56	35	8	31	611	S	69	260	W	121 *	4.2	1.0 20 SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	09	22	00	24	3&	32	339	N	116	346	W	6 G		5 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2 9 (PAS)
	09	22	03	21	7?	52	67	N	164	83	W	33 N	4 1	1.6 29 SOUTH OF ALASKA. MD 3.7 (AEIC).
	09	22	36	04	8&	60	141	N	149	336	W	7		51 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC)
	09	22	38	44	9&	61	202	N	150	000	W	37		36 SOUTHERN ALASKA. <AEIC>. ML 2 5 (AEIC).
	09	22	45	02	2*	35	304	N	2	284	W	10 G		1.1 25 STRAIT OF GIBRALTAR. mbLg 3.7 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	09	22	53	16	6*	6	761	S	130	551	E	108 ?	4.9	1 1 11 BANDA SEA
	09	23	24	04	7	30	202	N	131	098	E	50 *	4.7 4.6	1.0 36 KYUSHU, JAPAN
	09	23	27	35	9*	38	895	N	26	927	E	10 G		0.7 7 AEGEAN SEA. ML 3.0 (ISK).
	09	23	39	57	7	39	120	N	27	629	E	10	3 3	0.7 32 TURKEY. ML 3.6 (ISK).
	10	00	22	42	0	39	062	N	22	510	E	10 G		0 6 15 GREECE ML 3.2 (ATH), 2.7 (THE)
	10	01	02	43	2?	37	85	S	175	84	E	317 ?		0.3 20 NORTH ISLAND, NEW ZEALAND
	10	01	05	05	7%	29	787	S	27	129	E	5 G		1.1 7 LESOTHO ML 2.7 (PRE).
	10	01	06	21	3%	40	439	N	25	738	E	5 G		1 2 6 AEGEAN SEA
	10	01	34	40	9*	31	022	S	68	105	W	33 N		1 3 6 SAN JUAN PROVINCE, ARGENTINA
	10	02	10	21	9%	39	187	S	174	729	E	250 ?		0 3 19 NORTH ISLAND, NEW ZEALAND
	10	02	52	07	1&	58	920	N	153	048	W	69		78 KODIAK ISLAND REGION. <AEIC> ML 3.6 (AEIC), 3.5 (PMR).
	10	03	04	39	7	39	507	N	26	333	E	9		0.9 16 TURKEY. ML 3.2 (ISK), 3.1 (THE).
	10	03	36	22	5	32	351	S	122	411	E	10 G		0.9 9 WESTERN AUSTRALIA
	10	03	44	59	3?	31	53	S	69	17	W	100 ?		0 6 6 SAN JUAN PROVINCE, ARGENTINA
	10	03	49	37	6%	26	819	S	26	859	E	5 G		1 4 6 REPUBLIC OF SOUTH AFRICA ML 2 4 (PRE)
	10	03	53	52	0*	51	799	N	158	451	E	33 N	4.6	0.9 27 NEAR EAST COAST OF KAMCHATKA

	10	04	57	06	2*	10.567	N	86	800	W	33	N	4.4	1.0	29	OFF COAST OF COSTA RICA
	10	05	47	01	2	51.482	N	159	575	E	42	D	4.7 4.3	1 0	59	OFF EAST COAST OF KAMCHATKA
	10	05	49	38	1	39 383	N	67	665	E	33	N	4.6	1 1	39	SOUTHEASTERN UZBEKISTAN
	10	06	34	26	7*	34 921	N	25	482	E	63	*	3.8	1.0	13	CRETE MD 4.2 (HLW), 3.9 (ATH).
	10	07	25	48	9	31 610	S	69	245	W	123	*		1 0	19	SAN JUAN PROVINCE, ARGENTINA MD 4 2 (SAN).
	10	07	42	12	1?	39.42	N	29	51	E	10	G		0.3	4	TURKEY. ML 2.6 (ISK).
	10	08	05	54	.7?	39 69	N	29	47	E	5	G		0.6	4	TURKEY. ML 2.7 (ISK).
	10	08	37	38	0	40 483	N	21	840	E	5	G		0.8	14	GREECE. ML 2.0 (THE).
	10	08	44	03	4	41 816	N	22	217	E	5	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 2 3 (ATH), 2.1 (SKO).
	10	08	51	30	0?	40 64	N	23	02	E	5	G		0.8	4	GREECE ML 1.8 (THE).
	10	08	53	49	6%	40 665	N	22	985	E	5	G		0.7	6	GREECE ML 1.7 (THE)
	10	08	58	02	1*	51 619	N	159	489	E	31	*	4.9 4.0	1.5	77	OFF EAST COAST OF KAMCHATKA
	10	09	17	32	4?	15 69	S	177	55	W	443	*	4.3	0.6	12	FIJI ISLANDS REGION
	10	09	32	01	8%	37.009	N	4	577	W	10	G		0.6	8	SPAIN mbLg 2 8 (MDD)
	10	10	39	32	5%	40.948	N	23	807	E	10	G		1.0	8	GREECE. ML 1.9 (THE)
	10	11	31	48	4	36.249	N	4	018	E	10	G	3.7	0.5	31	NORTHERN ALGERIA
	10	12	03	32	.5	54.279	N	161	222	W	33	N	4.3	1.2	30	ALASKA PENINSULA Felt (II) at Sand Point.
a	10	12	04	56	4	51.170	N	159	097	E	21		5.5 5.2	1.2	242	OFF EAST COAST OF KAMCHATKA. Mw 5.4 (HRV).
	10	12	16	51	9?	45 42	N	25	67	E	78	?		1.4	9	ROMANIA. Felt (III) at Sinaia.
	10	12	17	40	5%	41 008	N	23	367	E	10	G		0.3	8	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
	10	12	32	02	.1	39 251	N	27	743	E	10	G		0.6	5	TURKEY. ML 2.8 (ISK).
	10	12	54	02	9*	22.975	S	179	320	W	545	*	5.0	1.1	46	SOUTH OF FIJI ISLANDS
a	10	12	58	59	4	51.115	N	159	272	E	16	G	5.8 5.1	1.0	389	OFF EAST COAST OF KAMCHATKA. Mw 5.4 (HRV) Depth from broadband displacement seismograms.
	10	14	32	01	.6?	39 09	N	27	68	E	33	N		0.2	4	TURKEY. ML 2.6 (ISK).
	10	14	44	49	6&	63 244	N	151	144	W	5				39	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	14	52	24	0%	41.015	N	24	289	E	5	G		1.4	6	GREECE-BULGARIA BORDER REGION
	10	15	00	34	7	37.622	N	137	494	E	43		4.3	0.7	21	NEAR WEST COAST OF HONSHU, JAPAN
	10	15	06	28	2	26.914	S	26	608	E	5	G		1.2	14	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.6 (BUL).
	10	15	10	00	.0&	33.619	N	106	475	W	0	G			26	NEW MEXICO. <EXPLO>. ML 3.2 (GS). 33' 37' 08 01" N., 106' 28' 30.50" W., Surface explosion of 2,430.9 tons of ANFO explosive, "MINOR UNCLE," White Sonds Missile Ronge (Dept. of Defense).
	10	15	19	03	0	41.780	N	22	205	E	5	G		0.7	39	NORTHWESTERN BALKAN REGION. ML 3.5 (SKO), 3.1 (THE), 3 0 (TTG).
	10	15	51	54	5	51 067	N	159	029	E	37	D	5 0 3.9	1.1	78	OFF EAST COAST OF KAMCHATKA
	10	16	30	00	.7	61 307	N	7	012	E	10	G		0.7	6	SOUTHERN NORWAY. MD 1 7 (BER).
	10	16	39	39	0	41 775	N	22	137	E	10	G		0 6	8	NORTHWESTERN BALKAN REGION. ML 2 2 (THE), 1.8 (SKO)
	10	16	58	24	9?	10 57	S	66	89	E	10	G	4 6	0 6	13	MID-INDIAN RIDGE
	10	17	35	25	8%	26.401	S	27	397	E	5	G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	10	17	48	11	9?	58 99	N	5	91	E	10	G		0 4	4	SOUTHERN NORWAY MD 1 7 (BER).
a	10	17	48	38	.3	24 353	S	176	082	W	34	D	5 7 5.4	0.9	192	SOUTH OF FIJI ISLANDS. Mw 5.6 (HRV). Mo=6.9*10**17 Nm (PPT).
	10	17	55	47	.0%	30 929	S	68	531	W	33	N		0.7	5	SAN JUAN PROVINCE, ARGENTINA
	10	18	22	43	4*	31 366	S	69	240	W	147	?		0.9	10	SAN JUAN PROVINCE, ARGENTINA
	10	18	53	36	2	37 297	N	22	130	E	5	G		0 8	13	SOUTHERN GREECE. ML 3 2 (THE). MD 2.8 (ATH).
	10	19	15	33	9?	43 53	N	149	74	E	33	N	4 0	1 4	6	EAST OF KURIL ISLANDS
	10	19	27	31	7%	44.342	N	7	244	E	10	G		0.4	6	NORTHERN ITALY ML 1.4 (GEN).
	10	19	38	45	3?	17.14	S	177	31	W	392	*	4 4	0 4	11	FIJI ISLANDS REGION
	10	20	26	36	6	44 930	N	111	003	W	5	G		0 7	11	HEBGEN LAKE REGION MD 2.9 (BUT).
	10	20	29	45	4	33 195	S	70	398	W	5	G		0 8	14	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	10	20	34	08	2	41 787	N	22	180	E	5	G		0 6	11	NORTHWESTERN BALKAN REGION. ML 2 8 (SKO), 2.8 (THE).
	10	20	38	29	5	23.738	N	100	323	E	10	G	4 6	0.9	29	YUNNAN, CHINA
	10	20	56	11	8&	34 151	N	116	696	W	11				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	10	22	22	45	3	11 470	S	122	435	E	33	N	5 2	0.9	14	SOUTH OF TIMOR, INDONESIA
	10	22	48	21	0%	26 378	S	27	473	E	5	G		1 0	6	REPUBLIC OF SOUTH AFRICA. ML 2 8 (PRE).
	10	22	51	45	7%	32.827	S	71	035	W	66	?		0 4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	10	23	15	42	0*	32.298	S	71	624	W	80	?		1.0	19	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN)
	10	23	30	57	7%	40 272	N	23	079	E	5	G		0.5	9	GREECE. ML 2.0 (THE).
	11	01	08	17	2?	31 59	S	69	35	W	120	G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
	11	01	25	17	1?	19 48	S	69	41	W	126	*	4 5	1.7	13	NORTHERN CHILE
	11	01	33	05	8	39 750	N	28	977	E	5	G		0.6	12	TURKEY. ML 3.0 (ISK).
	11	01	38	20	9%	31 522	S	69	256	W	120	G		1.1	9	SAN JUAN PROVINCE, ARGENTINA
	11	01	52	13	.1*	19 025	N	69	929	W	83	?	3 6	1 0	16	DOMINICAN REPUBLIC REGION
	11	02	34	40	0*	24 012	N	124	322	E	26	D	4.4	1 4	15	SOUTHWESTERN RYUKYU ISLANDS
	11	02	46	36	5*	38 823	N	26	940	E	10	G		0.6	7	AEGEAN SEA. ML 3.1 (ISK).
	11	03	33	49	8%	39 021	N	0	976	W	10	G		0.6	7	SPAIN. mbLg 2.8 (MDD). Felt (III) in the Cortes de Pallas area.
	11	04	04	25	2&	60 312	N	150	854	W	62				58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	11	04	44	16	5%	40 130	N	24	057	E	10	G		0.3	10	AEGEAN SEA. ML 2.4 (THE).
	11	05	28	35	.7	62 068	N	141	149	W	5	G		0.6	18	CENTRAL ALASKA. ML 2.5 (AEIC), 2.9 (PGC).
	11	05	56	46	1?	31 63	S	69	31	W	122	?		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	11	06	09	13	.1?	11 38	S	165	43	E	33	N	4.6	1.7	9	SANTA CRUZ ISLANDS
	11	06	30	06	3?	24 59	S	176	04	W	33	N	4.7 4.5	1.6	7	SOUTH OF FIJI ISLANDS
	11	06	32	51	2?	23 45	S	66	78	W	236	?		1.2	8	JUJUY PROVINCE, ARGENTINA
	11	07	26	16	6?	2 00	N	127	12	E	33	N		0.9	5	NORTHERN MOLUCCA SEA
	11	07	32	36	1%	31 273	S	68	956	W	100	G		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	11	07	49	08	0?	19.08	S	179	50	E	531	*	4.6	0.8	9	SOUTH OF FIJI ISLANDS
	11	07	53	59	5	42 017	N	125	596	W	10	G	3.6	0.6	64	OFF COAST OF OREGON
	11	08	30	09	2%	39.775	N	29	021	E	10	G		0.2	5	TURKEY. ML 2.6 (ISK).
	11	08	54	06	8%	40 657	N	23	038	E	5	G		0.4	6	GREECE. ML 1.8 (THE).
	11	09	03	42	1?	31 77	S	69	24	W	120	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	11	09	24	12	9*	37 118	N	28	672	E	10	G		0.8	6	TURKEY. ML 3 2 (ISK).
	11	09	25	12	2%	41 140	N	28	511	E	5	G		0.9	5	TURKEY ML 2 7 (ISK).
	11	09	27	22	3?	41.91	N	22	81	E	10	G		0.7	5	NORTHWESTERN BALKAN REGION ML 2.0 (THE).
	11	09	29	47	.5%	41.799	N	27	728	E	10	G		0.4	6	TURKEY. ML 3 0 (ISK)
	11	09	47	49	9%	26.914	S	26	777	E	5	G		0.8	5	REPUBLIC OF SOUTH AFRICA ML 2 6 (PRE)
	11	09	55	29	2?	39.55	N	68	94	E	33	N	4.1	0.5	6	TAJIKISTAN
	11	10	01	33	5%	39.109	N	27	561	E	10	G		0.5	5	TURKEY. ML 2.7 (ISK).
	11	10	28	38	.0%	39.619	N	29	453	E	10	G		0.6	5	TURKEY ML 2.6 (ISK).
	11	10	39	52	7%	41.479	N	29	233	E	10	G		0 2	6	TURKEY. ML 2 8 (ISK)
	11	10	48	57	1*	41 081	N	22	011	E	10	G		1.1	9	NORTHWESTERN BALKAN REGION. ML 2 2 (THE), 1.7 (SKO)
	11	10	52	59	7%	32.091	S	117	268	E	10	G		1.6	8	WESTERN AUSTRALIA

	11	11 07 59 6?	47 26	N	11 46	E	10	G			0.3	4	AUSTRIA. ML 0.7 (VIE).
	11	12 01 37.0%	38.291	S	176.185	E	160	G			0 9	18	NORTH ISLAND, NEW ZEALAND
	11	12 06 15 5&	38 332	N	112.399	W	3					16	UTAH <SLC-P>. MD 3.4 (SLC). ML 3.1 (GS).
	11	12 12 10 8*	42.532	N	23.970	E	10	G			0.4	9	BULGARIA ML 3.0 (THE).
	11	12 29 59.7%	44.510	N	7.345	E	5	G			0.1	5	NORTHERN ITALY ML 1.7 (GEN).
	11	13 09 03.3	35.508	N	26.603	E	28		4.5		1 5	61	CRETE. MD 4.2 (ATH).
	11	13 13 18.7?	31.78	S	69.65	W	120	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	11	13 15 31 0	26.414	S	27.436	E	5	G			1 0	9	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE). mbLg 3.2 (BUL).
	11	13 19 47 5*	51.026	N	159.267	E	33	N	4.9	4 2	1.4	65	OFF EAST COAST OF KAMCHATKA
	11	13 22 55.3?	36.80	N	71.65	E	33	N	4.8		0 9	6	AFGHANISTAN-TAJIKISTAN BORD REG.
	11	14 10 41 0%	39.229	N	27.718	E	10	G			0 5	5	TURKEY. ML 2.8 (ISK).
	11	14 48 33.4*	8 365	S	120.005	E	177	*	4	8	1 5	14	FLORES REGION, INDONESIA
	11	15 10 55 3&	60 044	N	153.801	W	160					42	SOUTHERN ALASKA. <AEIC>.
	11	15 35 58.3*	20 168	S	178.266	W	551	*	4	7	1 1	71	FIJI ISLANDS REGION
	11	15 41 03.8	26 407	S	27.350	E	5	G			1.2	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.0 (BUL).
	11	16 08 29.2%	38.296	S	176.368	E	160	G			0.8	23	NORTH ISLAND, NEW ZEALAND
	11	16 34 08.3?	45 55	N	153.15	E	33	N	3.7		0.6	5	EAST OF KURIL ISLANDS
	11	16 44 33.7?	41 31	N	23.49	E	10	G			0.6	4	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
	11	17 04 33.2	51 212	N	5.528	E	10	G			1.2	26	THE NETHERLANDS. ML 3.3 (LDG), 2.8 (BNS), 2 6 (UCC).
	11	17 36 19.2%	39.169	N	28.990	E	10	G			0.4	6	TURKEY. ML 2.7 (ISK).
	11	18 10 34.2%	26.446	S	27.411	E	5	G			1.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	11	18 55 26.5	54.934	N	165.769	E	33	N	4.6		0.6	44	KOMANDORSKY ISLANDS REGION
	11	19 10 19.7*	15.779	N	147.088	E	62	?	4.3		1.1	21	MARIANA ISLANDS REGION
	11	19 20 34.2?	51.29	N	158.18	E	33	N	4.2		0.3	5	NEAR EAST COAST OF KAMCHATKA
	11	19 44 47.1?	31.61	S	69.34	W	120	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	11	20 00 12.7?	26.45	S	27.35	E	5	G			0.0	4	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	11	20 02 20.5&	57.934	N	151.387	W	9		3.0			60	KODIAK ISLAND REGION. <AEIC>. ML 3 5 (AEIC).
	11	20 04 11.7*	34.875	S	179.906	W	33	N	4.5		0.7	9	SOUTH OF KERMADEC ISLANDS. ML 4.3 (WEL).
	11	20 50 53.8%	31.511	S	67 556	W	10	G			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	11	21 23 20.3?	31.92	S	69.05	W	120	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	11	21 46 01.2	49 156	N	6.875	E	10	G			0.7	11	GERMANY. ML 2.5 (STR), 1.9 (UCC).
	11	22 31 46.9%	26 422	S	27.297	E	5	G			1.7	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	11	22 36 25.1%	37.427	S	177 364	E	140	G			1.2	15	OFF E. COAST OF N. ISLAND, N.Z.
	11	23 27 21 2*	22.929	N	99.120	E	33	N	4.4		1 4	12	MYANMAR-CHINA BORDER REGION
	12	00 30 39.8%	26.406	S	27.331	E	5	G			1 2	5	REPUBLIC OF SOUTH AFRICA ML 2.3 (PRE).
	12	00 33 18 2%	31.597	S	69.301	W	120	G			0 6	7	SAN JUAN PROVINCE, ARGENTINA
	12	02 36 56.7?	31 58	S	69.18	W	120	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	12	03 17 17 9?	31 99	S	68.43	W	100	G			0 3	5	SAN JUAN PROVINCE, ARGENTINA
	12	05 18 14.0?	5 05	S	144 98	E	33	N	3.4		1 4	5	NEW GUINEA, PAPUA NEW GUINEA
	12	05 21 43.9	32 451	N	115 319	W	5	G	4.1		0 7	24	CALIF.-BAJA CALIF. BORDER REGION ML 3.8 (PAS).
	12	05 27 26 4?	31 18	S	68 32	W	100	G			0 3	6	SAN JUAN PROVINCE, ARGENTINA
f	12	05 45 21.2	11 140	S	162 937	E	15	G	5 5	6.1	1.2	164	SOLOMON ISLANDS. Mw 6.1 (GS), 6.0 (HRV). Ms 6.1 (BRK). Mo=6 8*10**17 Nm (PPT). Depth from broodband displacement seismograms.
	12	05 52 39 0	11 212	S	162 951	E	33	N	5 3	5.2	1.3	98	SOLOMON ISLANDS
	12	06 02 19 9	39 246	N	20 475	E	10	G			0.7	14	GREECE-ALBANIA BORDER REGION. ML 2.8 (THE).
	12	06 06 23 0	36 088	N	26.999	E	135	?			0 6	9	DODECANESE ISLANDS
	12	06 17 07 4*	6 478	S	130.378	E	193	*			1.0	11	BANDA SEA
	12	06 33 56.8*	6 657	N	72 848	W	168	?	4.6		1.3	16	NORTHERN COLOMBIA
a	12	07 01 59 8	5 609	S	148 095	E	157	G	5.7		1.0	286	NEW BRITAIN REGION, P N G Mw 5 7 (HRV). Depth from broadband displacement seismagrams.
	12	07 25 20.7*	51 548	N	158 665	E	33	N	4.3		1.2	13	NEAR EAST COAST OF KAMCHATKA
	12	07 35 11 1?	28.08	S	26 89	E	5	G			0.6	4	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	12	07 38 22.3?	45.11	N	145.57	E	33	N	4.2		1.1	9	HOKKAIDO, JAPAN REGION
	12	07 42 10 9	15 439	S	173 674	W	129	D	4.8		1.3	89	TONGA ISLANDS
	12	08 08 04.0?	39.15	N	27.62	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	12	08 49 39 3%	31 933	S	67.762	W	33	N			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	12	08 56 53 7	59 073	N	145.803	W	33	N			0.5	38	GULF OF ALASKA. ML 2 7 (AEIC)
	12	08 58 26 3	40.624	N	35.792	E	10	G	4	6	1.5	54	TURKEY. Felt in the Amasya area.
	12	09 10 34 5?	31 74	S	69 00	W	120	G			0 7	4	SAN JUAN PROVINCE, ARGENTINA
	12	09 15 10.4	53 230	N	159 632	E	33	N	4.8		1.1	65	NEAR EAST COAST OF KAMCHATKA
	12	10 10 09 0?	31 65	S	69 23	W	120	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
a	12	11 15 07.4	13.250	N	87.528	W	218	D	5.4		1 1	372	HONDURAS Mw 5.9 (HRV). mb 5.3 (BRK). MD 4.8 (GCG). Felt along the Pacific coast of Nicaragua. Also felt (III) at San Salvador, El Solvador.
	12	11 22 15.7?	43 03	N	5.71	E	10	G			0.6	9	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	12	11 50 53 9*	20 986	N	106.408	W	33	N	4	3	1.1	26	OFF COAST OF JALISCO, MEXICO
	12	12 07 35.8%	40 039	N	22.896	E	5	G			0.3	5	GREECE. ML 1.0 (THE).
	12	12 17 03.9?	51.46	N	158.24	E	33	N	4.4		1.7	10	NEAR EAST COAST OF KAMCHATKA
	12	12 38 20.4*	11 198	S	163.259	E	33	N	4	4	1 6	18	SOLOMON ISLANDS
	12	12 51 39.4*	11 147	S	163.185	E	33	N	4	5	1 1	15	SOLOMON ISLANDS
	12	13 37 30 8&	58 393	N	156.279	W	165		3.6			72	ALASKA PENINSULA. <AEIC>.
	12	13 56 17 6	38 232	N	21.620	E	10	G			1.4	18	GREECE. MD 3.5 (ATH). ML 3.2 (THE).
	12	14 56 00 8*	37 269	N	134.804	E	401	D	4	3	1 1	21	SEA OF JAPAN
	12	15 09 18 8?	39 12	N	27.55	E	10	G			0 5	4	TURKEY. ML 2.7 (ISK).
	12	15 25 33 0*	11 254	S	162.939	E	59	*	4	2	0.5	8	SOLOMON ISLANDS
	12	16 24 12 4?	33.14	N	83.63	E	33	N	3.7		1.5	8	XIZANG
	12	16 36 59.5%	31.841	S	68.977	W	33	N			0 3	5	SAN JUAN PROVINCE, ARGENTINA
	12	17 20 37 0%	40.188	N	26.950	E	10	G			0.7	5	TURKEY. ML 2.7 (ISK).
	12	17 53 01.5?	30.76	S	68.38	W	33	N			1.5	6	SAN JUAN PROVINCE, ARGENTINA
	12	17 58 56.9?	31.51	S	69 34	W	120	G			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	12	18 00 59 6%	26 336	S	27.476	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	12	18 06 56 4&	33 852	N	118.452	W	9					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2 6 (GS) Felt (III) at Redanda Beach. Also felt at Inglewood and Playa del Rey.
	12	18 08 54 4%	31.367	S	68 535	W	30	*			0.8	6	SAN JUAN PROVINCE, ARGENTINA
	12	18 25 38 5%	59 699	N	6.037	E	10	G			0 5	5	SOUTHERN NORWAY. MD 2.3 (BER).
a	12	18 26 42.2	4.375	S	135.118	E	10	G	5 8	6 1	1.2	209	IRIAN JAYA REGION, INDONESIA. Mw 6.1 (GS), 6.1 (HRV). Ms 6 2 (BRK). Mo=5.2*10**18 Nm (PPT). Depth from broodband displacement seismograms.
	12	19 41 12.4	4 293	S	134.951	E	33	N	4.9		1.4	26	IRIAN JAYA REGION, INDONESIA
	12	20 16 36.5*	4.246	S	134.972	E	33	N	4	7	1.5	8	IRIAN JAYA REGION, INDONESIA
f	12	20 33 25.7	51.259	N	157.692	E	44	G	5 9	6 0	0.9	588	NEAR EAST COAST OF KAMCHATKA. Mw 6.3 (GS), 6.2 (HRV).

															Ms 5.5 (BRK) Mo=2 7*10**18 Nm (PPT). Felt (V) at Severo-Kurilsk and (IV) at Petropavlovsk-Kamchatskiy. Depth from broadband displacement seismograms.
	12	20 37 54 0&	60.163	N	152.675	W	115					39	SOUTHERN ALASKA. <AEIC>.
	12	20 56 31.4?	31.77	S	68.26	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	12	20 58 18 1	41.944	N	22.190	E	10	G			0 8	13	NORTHWESTERN BALKAN REGION. ML 2.8 (THE), 2.3 (SKO).
	12	21 41 30.5%	40.792	N	27.333	E	10	G			0.3	6	TURKEY. ML 2.9 (ISK).
	12	21 46 02.5?	7.01	N	73.25	W	158	?	4	2	0.8	5	NORTHERN COLOMBIA
	12	22 18 40 6&	59.941	N	153.528	W	141					50	SOUTHERN ALASKA. <AEIC>.
	12	22 42 28 3*	51.653	N	158.883	E	33	N	4	0	0.9	10	NEAR EAST COAST OF KAMCHATKA
	12	22 44 24.7%	27.936	S	26.735	E	5	G			1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	12	22 52 15.5*	51.123	N	158.736	E	33	N	4.6		1.2	33	NEAR EAST COAST OF KAMCHATKA
	12	22 57 32.3*	8 922	N	74.362	W	33	N	4	2	1.4	14	NORTHERN COLOMBIA
	12	23 29 58 2*	21.758	N	143.333	E	326	*	4.5		1.1	24	MARIANA ISLANDS REGION
	12	23 38 22.6%	26 902	S	26.750	E	5	G			1.5	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	12	23 58 22.8?	14.14	N	123.73	E	33	N			1 4	6	LUZON, PHILIPPINE ISLANDS
	12	23 59 57 8*	39.174	N	20.466	E	10	G			0 4	12	GREECE-ALBANIA BORDER REGION. ML 3.7 (THE).
	13	00 31 26.4*	9.020	S	108.530	W	10	G	4.6		1.2	30	CENTRAL EAST PACIFIC RISE
	13	00 35 52.5?	4.66	S	134.86	E	33	N			1.7	7	IRIAN JAYA REGION, INDONESIA
o	13	00 39 10.4	6.380	S	155.476	E	194	D	5.5		1.0	251	SOLOMON ISLANDS Mw 5.6 (HRV).
	13	01 32 03.0*	32.124	S	71.292	W	84	?			0.6	18	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	13	01 39 18.2?	26.35	N	143.19	E	33	N	4	4	0.7	13	BONIN ISLANDS REGION
	13	03 48 08.3&	61.215	N	149.461	W	37					67	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PMR).
	13	04 24 43.3&	58.719	N	152.887	W	73					33	KODIAK ISLAND REGION. <AEIC>.
	13	04 46 53.0	4.493	N	126.140	E	152	*	4.7		1.2	25	TALAUD ISLANDS, INDONESIA
	13	04 53 18.9%	44.527	N	7.262	E	10	G			0.5	6	NORTHERN ITALY. ML 2.0 (GEN).
	13	04 56 57.0?	27.59	S	177.14	W	204	?	4.4		1.4	13	KERMADEC ISLANDS REGION
	13	05 11 29 8%	31 292	S	68.483	W	100	G			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	13	05 20 10.1	49.918	N	17.747	E	10	G			1.2	11	CZECH AND SLOVAK REPUBLICS. ML 3.2 (VIE), 2.7 (BRA).
	13	05 34 52.6?	31.22	S	68.58	W	100	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	13	05 39 43.0	4 338	S	135.038	E	33	N	4.7		1.0	16	IRIAN JAYA REGION, INDONESIA
	13	06 16 05.4*	29.572	N	30.772	E	10	G	4.3		1.4	15	EGYPT
	13	06 22 59.1%	26 940	S	26.746	E	5	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	13	07 23 46 0?	27 21	S	176.02	W	33	N	5	0	1 7	12	KERMADEC ISLANDS REGION
	13	07 48 19 1*	10 380	N	62.196	W	10	G			0.7	14	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	13	08 00 13.6%	39.116	N	27.501	E	10	G			0 4	5	TURKEY. ML 2.7 (ISK).
	13	08 01 02 3?	38.52	S	175.61	E	195	?			0.4	20	NORTH ISLAND, NEW ZEALAND
	13	08 23 19.0&	59.735	N	153.021	W	109					59	SOUTHERN ALASKA. <AEIC>.
	13	08 26 46.5*	53.492	N	165.234	W	33	N	4	0	1 1	27	FOX ISLANDS, ALEUTIAN ISLANDS. MD 4.1 (AEIC). ML 4.1 (PMR).
	13	08 59 30 2%	39.126	N	27.513	E	10	G			0 8	5	TURKEY. ML 2.9 (ISK).
	13	09 13 56.4?	39.08	N	27.63	E	10	G			0 1	4	TURKEY. ML 2.7 (ISK).
	13	09 28 45.1?	26.09	S	27.92	E	5	G			1 6	4	REPUBLIC OF SOUTH AFRICA
	13	09 53 22 2%	39.094	N	27.542	E	10	G			0 6	5	TURKEY. ML 2.7 (ISK).
	13	12 00 04.6%	28 047	S	26.796	E	5	G			0 8	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	13	12 37 18 0*	54 781	N	162.215	E	34	D	4	6 4.6	1 2	43	NEAR EAST COAST OF KAMCHATKA
	13	13 03 57.0?	39 12	N	27 60	E	10	G			0 2	4	TURKEY ML 2 8 (ISK).
	13	13 07 09.3*	36 259	N	76 758	E	33	N	4	3	1 6	11	KASHMIR-XINJIANG BORDER REGION
	13	13 07 10.9%	41.241	S	172.516	E	218	*			0 2	18	SOUTH ISLAND, NEW ZEALAND
a	13	13 35 36 3	11 162	S	163.113	E	39	D	5	2 5.0	1 2	76	SOLOMON ISLANDS. Mw 5 5 (HRV) Ms 5.0 (BRK).
	13	14 39 05.0%	26 357	S	27.455	E	5	G			0 5	5	REPUBLIC OF SOUTH AFRICA ML 2 2 (PRE).
	13	15 30 05.5%	31 577	S	68 668	W	100	G			0 2	6	SAN JUAN PROVINCE, ARGENTINA
	13	15 30 10.3%	45 027	N	7.329	E	5	G			0.3	5	NORTHERN ITALY. ML 2.1 (GEN).
	13	15 57 40 4?	10 58	N	66.61	W	10	G			0 3	4	NEAR COAST OF VENEZUELA
	13	16 03 06 1%	39 137	N	29 100	E	10	G			1 0	7	TURKEY. ML 3.0 (ISK).
	13	16 26 43 5%	31 268	S	68 439	W	100	G			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	13	16 56 49 3?	31 32	S	68 88	W	100	G			0 0	5	SAN JUAN PROVINCE, ARGENTINA
	13	17 10 08 1%	31 797	S	68 834	W	100	G			0 9	7	SAN JUAN PROVINCE, ARGENTINA
	13	17 24 38 8?	35 13	S	53.72	E	10	G	4.7		1.4	12	SOUTHWEST INDIAN RIDGE
	13	18 15 35 3?	51 11	N	15 86	E	10	G			0.8	7	POLAND. ML 3.3 (VIE), 3.2 (GRF).
	13	18 59 05 4%	40 754	N	27 433	E	10	G			1.1	5	TURKEY. ML 2.8 (ISK).
	13	19 29 46 3	51 353	N	159 282	E	33	N	4.9	4.5	1.0	106	OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	13	20 14 25.3?	31 00	S	68 29	W	100	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	13	20 20 58 2*	22 612	S	67 489	W	179	?			1.1	8	CHILE-BOLIVIA BORDER REGION
	13	20 25 55 1%	38 658	S	175 303	E	258	?			0.4	15	NORTH ISLAND, NEW ZEALAND
	13	20 27 08 4%	31 687	S	69 195	W	115	*			0.4	9	SAN JUAN PROVINCE, ARGENTINA
	13	20 58 16 4	37.044	N	117.879	W	5	G			1.0	21	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS)
	13	22 44 44 2	24 286	S	67 018	W	159		4.4		1.1	34	CHILE-ARGENTINA BORDER REGION
	13	22 52 04 5?	27.98	S	26 75	E	5	G			0.7	4	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	13	22 57 57 5?	31.66	S	69 35	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	13	23 17 58 7?	31.14	S	68 18	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
o	13	23 26 40 4	39 363	N	20.495	E	20	D	5	3 4.9	1.3	387	GREECE-ALBANIA BORDER REGION. Mw 5.3 (HRV) ML 5.4 (ATH), 4 8 (THE), 4.8 (TIR). MD 5.4 (VIE), 4 7 (HLW)
	13	23 29 42 9%	39.233	N	20 475	E	10	G			1 0	11	GREECE-ALBANIA BORDER REGION. ML 3.6 (THE).
a	13	23 30 22 9	11 209	S	163.173	E	35	D	5	0 4.9	1.1	34	SOLOMON ISLANDS. Mw 5.3 (HRV).
	13	23 43 08 4*	39 225	N	20 574	E	10	G			0.9	17	GREECE-ALBANIA BORDER REGION. ML 3.4 (THE).
	13	23 50 08 3*	39 161	N	20.484	E	10	G			1.2	18	GREECE-ALBANIA BORDER REGION. ML 3.3 (THE), 3.2 (TIR).
	13	23 59 47 6*	38.372	N	20.199	E	15		3.8		1 0	22	GREECE. ML 3.5 (TIR).
	14	00 27 58 2&	63 244	N	151 150	W	5					46	CENTRAL ALASKA <AEIC>. ML 2.5 (AEIC).
	14	00 43 16 0&	36 481	N	120.614	W	17					51	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.0 (PAS).
	14	00 49 34 4?	48 52	N	152.93	E	33	N	4	1	0 9	7	KURIL ISLANDS
	14	01 15 03 2*	39 234	N	20 546	E	10	G			0.8	14	GREECE-ALBANIA BORDER REGION. ML 3.1 (THE).
	14	01 26 35.7?	39.19	N	20.37	E	10	G			0 6	8	GREECE-ALBANIA BORDER REGION. ML 2.5 (THE)
	14	01 51 48 2	39 362	N	25 958	E	10	G			0 5	18	AEGEAN SEA ML 3 6 (ISK), 3.6 (THE).
	14	02 14 38.7*	39 233	N	20 528	E	10	G			0.7	14	GREECE-ALBANIA BORDER REGION. ML 3 2 (THE).
	14	02 26 37 2&	38 840	N	122.825	W	3					6	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	14	03 07 18 9?	39.13	N	20 38	E	10	G			0.6	7	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE)
	14	03 08 46.4?	39.15	N	20.42	E	10	G			0.7	8	GREECE-ALBANIA BORDER REGION. ML 2 9 (THE)
	14	03 22 59.0?	39 13	N	20.38	E	10	G			1.0	7	GREECE-ALBANIA BORDER REGION. ML 2 6 (THE).
	14	04 04 32 3?	31 69	S	69 31	W	120	G			0 7	6	SAN JUAN PROVINCE, ARGENTINA
	14	04 24 00 4?	39 06	N	20 40	E	10	G			1 2	8	GREECE-ALBANIA BORDER REGION ML 2 5 (THE)
	14	05 13 05.8%	37.680	N	15.165	E	10	G			0.7	9	SICILY. MD 3.1 (ROM).

	14	05	30	15.2%	31.141	S	68.277	W	91	?			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	14	06	14	40.7*	31.306	S	68.873	W	123	*			1 3	14	SAN JUAN PROVINCE, ARGENTINA
	14	06	32	15.8	39.257	N	20.393	E	10	G	4 1		0 9	44	GREECE-ALBANIA BORDER REGION. ML 4 0 (ATH), 3 8 (TTG), 3.7 (THE), 3.7 (TIR).
	14	07	00	49.0*	33 019	S	73.290	W	18		4.3		1.0	25	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	14	07	26	56.8?	31.68	S	178.57	W	33	N	4.8		1.7	13	KERMADEC ISLANDS REGION
	14	07	30	17.4	35.568	N	78.407	E	33	N	5.1	4.4	1.0	153	EASTERN KASHMIR
	14	07	55	04.9?	6.83	N	73.02	W	170	?	4.0		1.5	7	NORTHERN COLOMBIA
	14	08	07	09 4?	39.51	N	29.58	E	10	G			0.3	4	TURKEY. ML 2 6 (ISK).
	14	08	11	59.9?	39.10	N	27.56	E	10	G			0.9	4	TURKEY. ML 2.7 (ISK).
	14	08	31	18.9%	39.158	N	27.572	E	10	G			0.8	6	TURKEY. ML 2.8 (ISK).
	14	08	41	54.8*	38.254	N	21.732	E	10	G			1.5	8	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	14	08	49	55 4	38.057	N	76.298	E	28	D	4.6		1.4	23	SOUTHERN XINJIANG, CHINA
	14	09	09	26 3%	39.138	N	27.539	E	10	G			0.4	6	TURKEY ML 2.8 (ISK).
	14	09	32	20.3*	38.360	N	21.694	E	10	G			1.2	9	GREECE. ML 2.9 (THE). MD 2.9 (ATH).
	14	09	48	58.7%	26.372	S	27.409	E	5	G			0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	14	10	04	23 2&	59.598	N	152.823	W	94					50	SOUTHERN ALASKA. <AEIC>.
	14	10	29	17.2?	39.64	N	29.55	E	10	G			1.4	4	TURKEY. ML 2.5 (ISK).
	14	10	46	00 8?	39 18	N	20 39	E	10	G			1.7	4	GREECE-ALBANIA BORDER REGION
	14	10	51	34.0&	38 120	N	119 078	W	12					64	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.5 (BRK).
	14	10	56	53.3?	37.05	N	29.32	E	10	G			0.8	4	TURKEY. ML 3.0 (ISK).
	14	10	57	16.3&	62.493	N	149.601	W	74		3.0			94	CENTRAL ALASKA. <AEIC>.
	14	11	01	11.5*	7.002	N	72.906	W	154	*	4.0		1.4	6	NORTHERN COLOMBIA
	14	11	20	01.2*	24.287	S	67 064	W	167	*	4.4		1.4	13	CHILE-ARGENTINA BORDER REGION
	14	11	30	49.8%	44.578	N	7 393	E	10	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	14	11	56	49.8%	39.201	N	27.755	E	10	G			0.4	6	TURKEY. ML 2.8 (ISK).
	14	12	07	06.3&	65.112	N	150 400	W	10					29	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	12	20	12.8%	39.102	N	27 583	E	10	G			0.8	5	TURKEY. ML 2.5 (ISK).
	14	12	28	36.1	45.980	N	8.297	E	10	G	4.4		1 0	120	NORTHERN ITALY. ML 4.7 (GRF), 4.7 (MOX), 4.5 (LDG), 4.2 (STR). MD 4.0 (TRI).
	14	12	45	28.6	32.717	N	47.298	E	33	N	4.8		1.0	110	IRAN-IRAQ BORDER REGION. Felt at Abdanan, Ahvaz and Dehloran, Iran.
	14	12	51	28.6%	39.726	N	29.451	E	10	G			0.9	5	TURKEY. ML 2.6 (ISK).
	14	12	55	29.9	36.721	N	71.435	E	162	*	4.4		0.9	26	AFGHANISTAN-TAJIKISTAN BORD REG.
	14	13	02	41.2	45.942	N	8 296	E	10	G			1.0	25	NORTHERN ITALY. ML 2.7 (LDG), 2.7 (STR).
	14	13	04	56.9%	41.118	N	29.343	E	5	G			0.5	6	TURKEY. ML 2.9 (ISK).
	14	13	15	18.6%	39.102	N	27.561	E	10	G			0 8	5	TURKEY. ML 2.8 (ISK).
	14	14	37	58.0	43.722	N	7.792	E	10	G			0.8	19	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.3 (GEN).
	14	15	31	33.2?	41.15	N	28.52	E	10	G			0.7	4	TURKEY. ML 2.7 (ISK).
	14	16	10	53.7	20.836	N	121.225	E	27	D	4.7		1.1	45	PHILIPPINE ISLANDS REGION
	14	16	12	55.3?	26.35	S	27.43	E	5	G			1.4	4	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	14	16	42	44.0&	40.314	N	124.465	W	8					27	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.7 (BRK).
	14	17	52	42.1?	40.82	N	19.84	E	10	G			1.5	7	ALBANIA. ML 2 3 (TIR)
	14	18	52	49.0?	31.15	S	68.29	W	100	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	14	19	59	42.6	39.624	N	38.410	E	26		5.0	4.5	1.2	204	TURKEY Felt at Elazig, Erzincan, Giresun, Sivas, Trabzon and Tuncell.
	14	20	05	48.8&	59.884	N	148.621	W	4					49	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	14	23	58	24.6?	31.44	S	69.27	W	120	G			0 1	4	SAN JUAN PROVINCE, ARGENTINA
	14	23	59	44.2*	8.941	S	123.954	E	33	N	4.9		1.2	31	FLORES REGION, INDONESIA
	15	00	46	41.4?	31.53	S	69.45	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	15	00	55	54.8%	40.229	N	29.577	E	10	G			0.4	8	TURKEY. ML 2.8 (ISK).
	15	01	00	16.0&	59.961	N	152.797	W	101					57	SOUTHERN ALASKA <AEIC>.
	15	01	54	57 8?	45 29	N	6.47	E	10	G			0.0	5	FRANCE ML 1.9 (GEN).
	15	02	13	17 3*	3.347	S	139.023	E	33	N	4.7		1.5	16	IRIAN JAYA, INDONESIA
	15	02	39	25 0?	31.48	S	69.35	W	120	G			0 2	4	SAN JUAN PROVINCE, ARGENTINA
	15	04	09	47.2*	18.949	S	177.797	W	477	*	4.7		1.1	68	FIJI ISLANDS REGION
	15	04	13	58.2?	22.33	S	70 68	W	33	N			1 6	5	NEAR COAST OF NORTHERN CHILE
	15	04	42	13.3%	29.693	S	67.808	W	130	G			0.7	8	LA RIOJA PROVINCE, ARGENTINA
a	15	04	42	57.3	34.868	N	141.683	E	47	D	5 4	5 3	1.1	193	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Ms 5.2 (BRK).
	15	04	58	22.5%	38.526	S	176.095	E	164	*			0.7	24	NORTH ISLAND, NEW ZEALAND
	15	05	00	22 9*	23.602	S	63.570	W	537	*	5.1		1 3	22	SALTA PROVINCE, ARGENTINA
	15	05	10	12.3	24.959	N	127.867	E	36	D	5 5	4 9	1 1	205	SOUTHEAST OF RYUKYU ISLANDS
	15	05	27	57.1?	32.24	S	70.49	W	100	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	15	05	55	20 3?	31.74	S	69.57	W	120	G			1.0	5	SAN JUAN PROVINCE, ARGENTINA
	15	06	12	29.0	79.789	N	16.592	W	10	G	4.6		1.1	38	GREENLAND SEA
	15	06	18	32.5*	79.940	N	16.598	W	10	G	4.3		0.5	11	GREENLAND SEA
	15	06	22	19.5*	41.461	N	1.383	E	10	G			1.5	9	SPAIN. mbLg 3.1 (MDD).
	15	07	02	30.5?	43.07	N	1.20	W	10	G			0.2	6	PYRENEES. ML 1.0 (STR).
	15	08	10	50.5*	18.307	N	63.095	W	93	?			0.5	25	LEEWARD ISLANDS. MD 3.7 (TRN).
	15	08	18	46.0	48.120	N	122.863	W	51	*			0.4	25	WASHINGTON. MD 2.6 (GS).
	15	08	32	29.7%	44.305	N	8.272	E	10	G			0.3	6	NORTHERN ITALY ML 2.0 (GEN).
	15	08	33	11 8%	31.889	S	68.481	W	33	N			1.2	5	SAN JUAN PROVINCE, ARGENTINA
	15	08	36	51 8%	39.627	N	29.440	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
	15	09	05	53.1?	39.17	N	27.62	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	15	09	05	58.4?	55.07	N	5.55	E	10	G			0.5	8	NORTH SEA. ML 3.0 (BGS).
	15	10	11	51.1%	31.636	S	68.591	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	15	10	39	54.2*	19.219	S	168.100	E	16	D	4.1	4.1	1.3	28	VANUATU ISLANDS
	15	10	46	35.3?	36.55	N	2.63	W	5	G			0.3	4	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	15	10	54	54 2%	31.154	S	68.479	W	100	G			0 4	6	SAN JUAN PROVINCE, ARGENTINA
	15	11	33	45 8?	39.55	N	29.51	E	10	G			0.5	5	TURKEY
	15	12	37	21.4?	37.40	N	31.10	W	10	G	4.5		1.7	7	AZORES ISLANDS REGION
	15	12	38	42.9	41.696	N	22.276	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO), 2.3 (THE)
	15	12	44	07 4&	63 463	N	151.069	W	4					47	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	15	12	58	58 8	5 306	N	72 637	W	57	*	4.7		1.2	32	COLOMBIA. Felt at Bogota.
a	15	13	06	34 2	4.991	S	145.459	E	227	D	5.5		0.9	178	NEAR N COAST OF NEW GUINEA, PNG. Mw 6.2 (HRV).
	15	13	19	02 8	32.979	N	80.226	W	5	G			0 7	8	SOUTH CAROLINA. mbLg 2.2 (GS). Felt in the Ladson-Summerville area. Felt (II) at Charleston Air Force Base.
	15	13	40	27.0?	41.92	N	23.46	E	10	G			0 6	5	GREECE-BULGARIA BORDER REGION ML 2.8 (THE).
	15	14	53	55.5?	10.86	N	62.48	W	33	N			0 8	5	NEAR COAST OF VENEZUELA. MD 2.9 (TRN).

	15	14 56 51.3*	37.366	N	31.876	W	13	D	4.5		0 8	13	AZORES ISLANOS REGION
	15	14 57 21.7%	31 653	S	69.329	W	120	G			0.4	8	SAN JUAN PROVINCE, ARGENTINA
	15	15 00 22.0	44 533	N	6.898	E	9				0.4	19	FRANCE ML 2.5 (LDG), 2.4 (GEN).
	15	15 49 17.2&	54 201	N	157.596	W	33	N	3.2			37	SOUTH OF ALASKA. <AEIC>. ML 3.4 (AEIC)
	15	15 57 40.1%	10.604	N	66.617	W	10	G			0.3	5	NEAR COAST OF VENEZUELA. MD 2.4 (CAR).
	15	16 09 15.3?	44 40	N	18.01	E	10	G			1.4	6	NORTHWESTERN BALKAN REGION
	15	16 20 24.4?	25.78	S	27.70	E	5	G			1.5	7	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	15	16 25 21.0*	45 950	N	14.040	E	10	G			0.3	5	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU), 1.8 (TRI).
	15	18 24 57.9?	31.46	S	69.36	W	120	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	15	18 25 17.4?	27 37	S	179.09	W	403	?	4.4		1.3	7	KERMADEC ISLANDS REGION
	15	18 26 07.5*	2.193	N	84.649	W	13	D	4.7	4.6	1.1	27	OFF COAST OF CENTRAL AMERICA
	15	18 42 57.2?	14 65	N	60.89	W	10	G			1.7	4	WINDWARD ISLANDS
	15	18 50 55.4%	45 775	N	2.372	E	10	G			0.3	6	FRANCE. ML 1.8 (LDG).
	15	20 07 39 6%	28 076	S	26.797	E	5	G			0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	15	20 27 59 5&	59 230	N	153.848	W	115					51	SOUTHERN ALASKA. <AEIC>.
	15	20 40 42.6&	40 697	N	125.435	W	15					23	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	15	20 45 52.8&	59 742	N	152.079	W	62					81	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3 4 (PMR).
	15	21 14 00.1?	32 00	S	117.29	E	10	G			0.5	4	WESTERN AUSTRALIA
	15	21 48 25 0?	34 47	S	70.85	W	90	G			0.2	7	CHILE-ARGENTINA BORDER REGION
	15	22 50 30.1	40 612	N	23.868	E	10	G			0 4	8	GREECE. ML 2.4 (THE).
a	15	23 12 24.8	35.629	N	77.788	E	33	N	4.9		1.2	84	EASTERN KASHMIR. Mw 5.0 (HRV).
	15	23 47 07 5&	32 081	N	115.804	W	6	G				5	CALIF.-BAJA CALIF BORDER REGION. <PAS-P>. ML 2 9 (PAS).
	15	23 59 02.0?	31.62	S	69.31	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	16	01 07 40.9%	31 353	S	69.186	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	16	01 47 12.6&	37 650	N	89.750	W	10	G				3	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 2.7 (SLM). *Felt near Perryville, Missouri.*
	16	01 53 39.1*	40 445	N	25.757	E	10	G			1.4	11	AEGEAN SEA. ML 3.5 (THE), 3.3 (ISK).
	16	01 56 47.7?	42 01	N	7.67	W	10	G			0.9	4	SPAIN
	16	02 33 01.7?	31 90	N	142.06	E	33	N	4.3		0.6	8	SOUTH OF HONSHU, JAPAN
	16	02 58 24.2*	32.781	S	71.565	W	10	G			0.7	20	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	16	03 40 35.4?	31 26	S	72.37	W	33	N			0.8	5	OFF COAST OF CENTRAL CHILE
	16	03 57 37 6&	34 821	N	119.034	W	11					53	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.5 (BRK).
	16	03 58 39.0&	34 820	N	119.028	W	11					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	16	04 29 46.6	31 522	S	68.496	W	106	*			0.5	11	SAN JUAN PROVINCE, ARGENTINA
	16	04 50 21 2%	41 272	N	23.392	E	10	G			0.2	7	GREECE-BULGARIA BORDER REGION. ML 3.1 (THE).
	16	05 01 18 3?	5.17	S	102.75	E	33	N	4.5		1.5	11	SOUTHERN SUMATERA, INDONESIA
	16	05 24 15.1?	53.62	N	160.10	E	33	N	4.5		1.1	14	NEAR EAST COAST OF KAMCHATKA
a	16	05 44 49.1	14.735	N	92.695	W	57	D	5.0		1.1	178	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.3 (HRV). MD 4.7 (GCG).
	16	06 31 08.8?	32 63	S	71.70	W	10	G			1.0	18	NEAR COAST OF CENTRAL CHILE MD 3 9 (SAN)
a	16	06 59 20.5	21.779	S	173.768	W	35	D	5.6	4.9	1.0	233	TONGA ISLANDS. Mw 5.4 (HRV).
	16	07 01 05.0	6.263	S	147 896	E	88	*	4.7		1 2	20	EASTERN NEW GUINEA REG , P N.G
	16	07 06 54.6	39 007	N	27.863	E	10	G			0.5	6	TURKEY ML 3 2 (ISK).
	16	07 22 24.2	38 060	N	112.688	W	5	G			0 8	16	UTAH ML 3 0 (GS) MD 3.5 (SLC)
	16	07 38 35.6?	31.32	S	68.63	W	100	G			0 0	4	SAN JUAN PROVINCE, ARGENTINA
	16	07 41 54.8?	5 52	S	146.82	E	59	?	4 0		1.0	5	EASTERN NEW GUINEA REG , P.N.G
	16	07 48 38.2%	38 467	S	175.630	E	160	G			1.0	22	NORTH ISLAND, NEW ZEALAND
	16	08 08 47.2	39 015	N	27.925	E	10	G			0.5	7	TURKEY ML 3.1 (ISK).
	16	08 59 13.2?	31 60	S	69 55	W	120	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	16	09 02 29.3?	39 19	N	27.63	E	10	G			0.3	4	TURKEY ML 2.8 (ISK).
	16	09 04 25 6?	34 82	S	70 87	W	100	G			0.1	10	CHILE-ARGENTINA BORDER REGION
	16	09 24 28 1?	44.40	N	7 38	E	5	G			0.3	4	NORTHERN ITALY. ML 1 6 (GEN).
	16	09 41 55 8?	38 94	N	28 06	E	10	G			0.8	4	TURKEY ML 2.8 (ISK)
	16	09 51 51 2%	31.774	S	68.823	W	100	G			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	16	10 15 23.9?	41 45	N	29.22	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	16	10 28 20 0?	30 88	S	70 82	W	120	G			0 9	6	CHILE-ARGENTINA BORDER REGION
	16	10 36 20.6	38 986	N	27.889	E	10	G			0.5	14	TURKEY ML 3.5 (ISK).
	16	11 10 14.6*	17 294	N	39.951	E	10	G	4.7	4.6	1.0	59	RED SEA
	16	11 33 18 5?	8 40	S	118.26	E	33	N	4.1		1.1	7	SUMBAWA REGION, INDONESIA
	16	11 36 18.3*	38 050	N	21 074	E	10	G			1.4	9	GREECE. MD 3.5 (ATH). ML 3.2 (THE)
	16	12 17 59 2	9 897	N	126.577	E	33	N	4.7	4.1	1.3	39	MINDANAO, PHILIPPINE ISLANDS
	16	12 28 42.1?	39 11	N	27 63	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	16	13 35 16 8%	40 697	N	22 764	E	10	G			0.4	6	GREECE. ML 1.7 (THE).
	16	13 44 34 5	26 456	S	27 322	E	5	G			1.5	9	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 2.7 (BUL).
	16	13 59 23 3%	26 208	S	28 186	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	16	14 30 26.2?	39 11	N	27.66	E	10	G			0.5	4	TURKEY. ML 2.8 (ISK).
	16	14 39 31 3	45 913	N	8.301	E	10	G			1.1	20	NORTHERN ITALY. ML 2.8 (LDG).
	16	15 39 53.3%	44 392	N	8 323	E	10	G			0.3	9	NORTHERN ITALY. ML 1.9 (GEN).
	16	16 37 03 0*	38 999	N	27 910	E	10	G			1.0	17	TURKEY. ML 3.7 (ISK).
	16	16 44 53 0%	41 092	N	28.990	E	10	G			0.2	7	TURKEY. ML 2.8 (ISK).
	16	17 18 19.1?	26 36	S	27.31	E	5	G			1.1	4	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	16	17 27 39 2?	26 37	S	27.46	E	5	G			1.3	4	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	16	18 10 48 2	40 779	N	28 071	E	10	G			0 5	8	TURKEY. ML 3.0 (ISK).
	16	18 59 07 8?	37 30	N	134.87	E	400	G			1 1	6	SEA OF JAPAN
	16	19 56 42.4%	33 869	S	70.730	W	79	?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	16	20 13 39 4?	31 90	S	69.71	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
a	16	21 08 38 7*	1 413	N	90.919	W	22	D	4.7	5 0	1 3	38	GALAPAGOS ISLANDS REGION. Mw 5.3 (HRV).
	16	21 22 16.5?	32 04	S	68.36	W	100	G			0.5	6	MENDOZA PROVINCE, ARGENTINA
	16	21 25 12.6*	34 611	S	70.708	W	100	G			0.3	15	CHILE-ARGENTINA BORDER REGION. MD 4 0 (SAN).
	16	22 04 27 3*	37 785	N	20.762	E	10	G			0.8	9	IONIAN SEA. MD 3.4 (ATH). ML 3.2 (THE).
	16	22 34 34.6?	31 09	S	67 56	W	33	N			0 8	6	SAN JUAN PROVINCE, ARGENTINA
	16	22 44 49 0	50 954	N	159.264	E	33	D	4.7		1 0	66	EAST OF KURIL ISLANDS
	16	23 06 42.9?	31 46	S	69.36	W	120	G			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	16	23 31 47 6%	31 288	S	68.402	W	100	G			0 1	6	SAN JUAN PROVINCE, ARGENTINA
	16	23 48 28.6?	26.38	S	27.29	E	5	G			1.3	4	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE)
	17	00 35 27 1	37 904	N	20.896	E	10	G	3 6		0 8	18	IONIAN SEA MD 3 6 (ATH). ML 3 6 (THE)
	17	01 13 54.1%	45 120	N	6.597	E	10	G			0.2	7	FRANCE. ML 1.9 (GEN).
	17	01 22 14.5	38 600	N	27 608	E	10	G			0.6	6	TURKEY. ML 3 0 (ISK).
	17	02 24 16.1&	60 109	N	152.494	W	88					52	SOUTHERN ALASKA. <AEIC>.
	17	03 05 52 3?	26 34	S	27.51	E	5	G			0 2	4	REPUBLIC OF SOUTH AFRICA ML 2 2 (PRE)
	17	03 15 19 3%	31 530	S	67 878	W	33	N			1 4	9	SAN JUAN PROVINCE, ARGENTINA
	17	03 19 39.2	44 608	N	8.096	E	10	G			1 0	15	NORTHERN ITALY. ML 2.2 (GEN), 2.2 (LDG).

	17	03	22	24.4*	49	272	S	125.996	E	10	G	4	8	1.3	15	SOUTH OF AUSTRALIA
	17	03	26	14	4%	44	554	N	8.087	E	10	G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN)
	17	03	38	56.5%	44.563			N	8.062	E	5	G			0.2	9	NORTHERN ITALY ML 2.0 (GEN).
	17	03	41	15.1	44.616			N	8.077	E	5	G			0.9	17	NORTHERN ITALY. ML 2.3 (GEN), 2.3 (LDG).
	17	03	43	37.9%	44.577			N	8.071	E	10	G			0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
	17	04	05	47	4?	9.01		S	116.44	E	33	N	4	3	0.5	5	SUMBAWA REGION, INDONESIA
	17	04	11	11.2%	44.558			N	8.057	E	10	G			0.7	6	NORTHERN ITALY. ML 1.8 (GEN).
	17	04	16	40.3?	31.59			S	67.68	W	33	N			1.4	4	SAN JUAN PROVINCE, ARGENTINA
	17	04	29	44.2?	30.36			S	72.29	W	33	N			1.1	19	OFF COAST OF CENTRAL CHILE. MD 4 4 (SAN).
	17	04	55	59 7%	44 596			N	8.068	E	10	G			1.2	6	NORTHERN ITALY ML 1.6 (GEN)
	17	04	58	20.7	44.599			N	8.080	E	10	G			0.5	11	NORTHERN ITALY. ML 2.1 (GEN), 2 0 (LDG).
	17	05	48	35.3%	31.497			S	68 779	W	100	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	17	07	22	25.9?	11.14			N	68 31	W	33	N			1.5	8	NEAR COAST OF VENEZUELA MD 3.3 (CAR).
	17	07	58	48	4*	5.518		N	82 246	W	35	D	4	2	1 5	10	SOUTH OF PANAMA
	17	08	15	46	3%	31	258	S	68.300	W	98	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	17	09	00	18.9%	37.541			S	175.503	E	10	G			0.6	7	NORTH ISLAND, NEW ZEALAND. ML 3 8 (WEL).
	17	09	06	43.1?	60 39			N	4.80	E	10	G			0.1	4	SOUTHERN NORWAY. MD 1.5 (BER).
	17	10	06	08	2?	39.11		N	27.59	E	10	G			0.8	4	TURKEY. ML 2.8 (ISK).
	17	11	10	51	7?	27	67	S	69 09	W	130	G			0.5	10	NORTHERN CHILE
	17	12	39	17.0%	40.871			N	23.232	E	5	G			0.5	5	GREECE. ML 1.9 (THE).
	17	12	59	00.4%	44.595			N	8.073	E	5	G			0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
	17	13	32	17.6%	27.997			S	26.742	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA ML 2.4 (PRE).
	17	13	35	41.0?	39.08			N	20.37	E	10	G			0.9	11	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE).
	17	13	53	07.0*	39.168			N	20.466	E	10	G			1.1	15	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE).
	17	15	10	32.2?	31.91			S	68.32	W	100	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	17	15	48	37.3	20.183			N	120.355	E	27	D	5.2	4.6	1.0	181	PHILIPPINE ISLANDS REGION
	17	16	35	06.0%	40.483			N	23.664	E	5	G			0.4	7	GREECE. ML 2.3 (THE).
	17	16	53	01.3&	63.377			N	152.061	W	11					33	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	17	17	26	21.8?	7.17			S	129.70	E	142	?			1.4	6	BANDA SEA
	17	18	06	39.7&	59.874			N	153.507	W	139					37	SOUTHERN ALASKA <AEIC>.
	17	19	13	16.7	39.145			N	27.967	E	10	G			0.9	9	TURKEY. ML 3.1 (ISK).
	17	19	34	28 6	46.139			N	16.569	E	10	G			1.2	13	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE).
	17	20	05	12.2	17.527			S	69.401	W	167	D	4.6		1.2	77	PERU-BOLIVIA BORDER REGION
	17	20	32	44 5%	38.973			N	28.013	E	10	G			0.8	5	TURKEY. ML 2.9 (ISK).
	17	20	41	15.9*	1.660			S	126.577	E	33	N	4	1	1.4	10	SOUTHERN MOLUCCA SEA
	17	20	44	52.9	36.168			N	71.236	E	104	D	5.2		1.1	220	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	20	58	07.4?	36.82			S	176.90	E	250	G			0.9	11	OFF E. COAST OF N. ISLAND, N.Z.
	17	21	01	11.4%	39.957			S	173.725	E	241	?			0 3	16	OFF W. COAST OF N. ISLAND, N.Z.
	17	21	05	39.7	31.161			S	68.896	W	112		4	0	1 1	28	SAN JUAN PROVINCE, ARGENTINA. MD 4.5 (SAN).
	17	21	44	37.3	39.208			N	21.562	E	27		3	6	1.2	25	GREECE. MD 3.6 (ATH). ML 3.5 (THE), 3.4 (TIR).
	17	22	08	35.2	42.134			N	19.258	E	10	G			0 7	13	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG), 2.1 (TIR).
	17	22	37	58.9	0.097			S	16.614	W	10	G	5	3	1 0	175	NORTH OF ASCENSION ISLAND
	17	23	03	28.8	44.372			N	7 304	E	5	G			1.2	14	NORTHERN ITALY. ML 1.6 (GEN), 1.3 (STR).
	17	23	03	31.0	44.345			N	7.266	E	5	G			0 4	16	NORTHERN ITALY. ML 2.2 (GEN), 2.0 (LDG).
	18	00	46	30.6?	2.21			S	128.04	E	33	N	4	1	1 4	9	CERAM SEA
	18	01	15	57.6%	31.289			S	68.816	W	100	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	18	01	21	47.8?	7.88			S	113.95	E	191	?	4	5	0.9	16	JAWA, INDONESIA
	18	02	43	00 5?	54.79			N	162.17	E	33	N	4	3	0.4	8	NEAR EAST COAST OF KAMCHATKA
	18	02	47	19.8%	30.642			S	68.723	W	116	?			0.3	7	SAN JUAN PROVINCE, ARGENTINA
	18	02	52	19.7?	26.41			S	27.31	E	5	G			0.1	4	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	18	03	34	11.6%	43.180			S	176.192	E	33	N			0.5	28	OFF E COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	18	04	48	37.8*	23.833			S	179.800	W	524	*	4	9	1 1	49	SOUTH OF FIJI ISLANDS
	18	05	02	19.5	32.326			S	71.171	W	81	*			0.3	16	NEAR COAST OF CENTRAL CHILE MD 3.6 (SAN).
	18	05	04	50 3%	44.287			N	8.300	E	5	G			0 4	8	NORTHERN ITALY ML 1 9 (GEN).
	18	05	26	15 9%	33 384			S	71.207	W	64	?			0 3	12	NEAR COAST OF CENTRAL CHILE MD 3.6 (SAN).
	18	06	17	39.0	5.243			S	123.535	E	33	N	5	0	1.2	30	BANDA SEA
	18	06	18	14 5%	44.302			N	8.285	E	5	G			0.3	8	NORTHERN ITALY ML 2.2 (GEN).
	18	06	22	11 9%	44.318			N	8.262	E	5	G			0.5	7	NORTHERN ITALY. ML 2 0 (GEN).
	18	06	45	21.5?	43.85			N	8.56	E	10	G			0 3	8	CORSICA ML 1.9 (GEN)
	18	07	09	33.1?	1.63			N	124.02	E	290	?	4	3	0 6	8	MINAHASSA PENINSULA, SULAWESI
	18	07	31	30.8%	31.440			S	68.427	W	100	G			0.4	8	SAN JUAN PROVINCE, ARGENTINA
	18	07	46	05.7*	22 502			S	66.202	W	254	*	4.1		1.5	11	JUJUY PROVINCE, ARGENTINA
	18	07	54	28 0?	39.50			N	29.52	E	10	G			0.5	4	TURKEY. ML 2.7 (ISK).
	18	08	23	30 1	40.495			N	21.839	E	10	G			1.2	9	GREECE. ML 2.0 (THE).
o	18	08	45	19 4	28.444			S	176.991	W	33	N	5.1	5.3	1.3	64	KERMADEC ISLANDS REGION Mw 5 6 (HRV). Ms 5.6 (BRK). Mo=5.3*10**17 Nm (PPT).
	18	08	49	39.5%	44 314			N	8.279	E	5	G			0.5	7	NORTHERN ITALY. ML 1.9 (GEN).
	18	08	49	57 0?	28 66			S	176.72	W	33	N	4.9		1.5	12	KERMADEC ISLANDS REGION
	18	09	09	36 5?	15 28			N	61.30	W	120	G			0.7	8	LEEWARD ISLANDS
	18	09	13	49 4?	28 78			S	68.44	W	120	G			0.4	8	LA RIOJA PROVINCE, ARGENTINA
	18	10	05	09.1*	64.332			N	150.173	W	33	N			0.7	6	CENTRAL ALASKA. ML 2.8 (PMR).
	18	10	14	53 7?	31.47			S	68.60	W	100	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	18	10	26	02 8?	30.51			S	117.11	E	10	G			0.9	4	WESTERN AUSTRALIA
	18	10	44	34 0?	12.21			N	88.56	W	33	N	3.8		0.7	7	OFF COAST OF CENTRAL AMERICA. MD 4.0 (GCG).
	18	10	49	09 1	43 060			N	0.582	W	5	G			1.4	11	PYRENEES ML 2.4 (LDG).
	18	11	43	34 9%	39 242			N	27 739	E	10	G			0.6	5	TURKEY. ML 2.9 (ISK).
	18	11	45	39 9%	44 289			N	8 297	E	5	G			0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
	18	11	45	54.1%	44.307			N	8 281	E	5	G			0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
	18	11	52	34.5	28.866			S	176 869	W	16	G	5.7		1.3	246	KERMADEC ISLANDS REGION. Two events about 2.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
o	18	11	52	51 6*	29 053			S	176 753	W	16	G	6.2	6.7	1.2	55	KERMADEC ISLANDS REGION. Mw 6.6 (GS), 6.6 (HRV). Ms 7.1 (BRK) Mo=1 6*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	18	11	53	15 6%	31 595			S	69 275	W	120	G			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	18	11	59	34 3?	28.82			S	177.03	W	33	N	4	9	1.6	6	KERMADEC ISLANDS REGION
	18	11	59	39 3%	31.649			S	68.090	W	100	G			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	18	12	05	07 2?	31.64			S	69.65	W	120	G			0 3	4	SAN JUAN PROVINCE, ARGENTINA
	18	12	10	55 9*	21.773			S	178.752	W	520	*	4.7		1.3	30	FIJI ISLANDS REGION
	18	12	12	08.3*	39.151			N	27.578	E	10	G			1.0	8	TURKEY. ML 2.7 (ISK).
	18	13	39	59 5	44 386			N	7 285	E	10	G			0 4	21	NORTHERN ITALY ML 2.7 (LDG), 2.4 (GEN).
	18	13	53	16 1	44.347			N	7.287	E	10	G			0 5	23	NORTHERN ITALY ML 2 6 (GEN), 2 4 (LDG).
	18	14	07	24 9%	26.415			S	27.456	E	5	G			0.7	6	REPUBLIC OF SOUTH AFRICA ML 2.7 (PRE).

	18	14 12 31 2	41.202	N	21 995	E	10	G		1 3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (SKO).
	18	14 25 42.9*	0.342	S	17.640	W	10	G	4.7	0.7	27	NORTH OF ASCENSION ISLAND
	18	14 26 13 7&	62.371	N	149.589	W	56				62	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	15 00 35 2&	40.642	N	123.600	W	27				10	NORTHERN CALIFORNIA. <GM-P> MD 2 9 (GM). ML 3.3 (BRK).
	18	15 28 20 5?	14.60	N	95 45	E	33	N	4 5	1 3	19	ANDAMAN ISLANDS, INDIA
	18	15 36 26 0%	26.363	S	27 448	E	5	G		0.4	7	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	18	16 09 44.6%	26.422	S	27.422	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	18	16 44 01.6?	30.52	S	117.11	E	10	G		1.1	4	WESTERN AUSTRALIA
	18	17 08 38 0%	31.368	S	69.113	W	120	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	18	17 25 24 9?	31.60	S	69.87	W	120	G		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	18	17 33 51.7?	28 82	S	176 56	W	33	N	4.7	1.7	18	KERMADEC ISLANDS REGION
	18	17 37 49 7*	28 770	S	176 872	W	34	D	4.8 5.2	1.2	37	KERMADEC ISLANDS REGION
o	18	17 38 30 3	28.772	S	176.881	W	33	N	5.4 6.1	1.2	127	KERMADEC ISLANDS REGION Mw 5.9 (HRV). Mo=1.9*10**18 Nm (PPT).
	18	17 54 49.5?	31.62	S	69.35	W	120	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	18	17 56 31 9	47.644	N	16.010	E	10	G		1.2	13	AUSTRIA. ML 3.1 (GRF), 2.8 (VIE), 2.6 (BRA), 2.4 (FUR). Felt (IV) at Reichenau.
f	18	17 57 46 6	28 678	S	176.893	W	11	D	5.9 6.7	1.1	322	KERMADEC ISLANDS REGION. Mw 6.7 (GS), 6.5 (HRV). Ms 7.1 (BRK). Mo=1.3*10**19 Nm (PPT). Complex event observed on broadband displacement seismograms.
	18	18 42 23.3?	31.49	S	68.32	W	100	G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	18	18 49 44.5%	32.929	S	70 897	W	74	?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	18	19 03 35.6?	31.59	S	69.24	W	120	G		0.5	4	SAN JUAN PROVINCE, ARGENTINA
	18	19 23 56.3&	60.393	N	152.124	W	93				40	SOUTHERN ALASKA <AEIC>.
	18	19 23 58.2?	11.71	S	117.59	E	33	N	3.7	1.6	5	SOUTH OF SUMBAWA, INDONESIA
	18	19 34 37.7	28.817	S	176.803	W	29	D	5.3 6.0	1 5	79	KERMADEC ISLANDS REGION
	18	19 59 00.7	36.435	N	70.352	E	210	D	5.1	1.0	326	HINDU KUSH REGION, AFGHANISTAN. Felt at Chitral, Islamobad and Rawalpindi, Pakistan.
	18	20 06 05.4?	28.69	S	176.47	W	33	N	4.6	1.3	8	KERMADEC ISLANDS REGION
	18	20 30 00.0%	31.329	S	68.519	W	100	G		0.1	6	SAN JUAN PROVINCE, ARGENTINA
	18	20 37 58.1%	31.811	S	68.879	W	33	N		0.4	6	SAN JUAN PROVINCE, ARGENTINA
	18	20 55 02.5	28.849	S	176.666	W	42	D	5.2 5.4	1.3	87	KERMADEC ISLANDS REGION
	18	21 11 53.7?	6.88	S	150.12	E	81	?	4.4	0.9	8	NEW BRITAIN REGION, P.N.G.
	18	21 12 08.6%	37.374	S	177.427	E	207	?		0.5	15	OFF E. COAST OF N. ISLAND, N.Z.
	18	21 57 36.6%	31.241	S	68.436	W	100	G		0.5	11	SAN JUAN PROVINCE, ARGENTINA
	18	23 03 01.7	36.015	N	142.059	E	24	D	4.7	0.9	45	OFF EAST COAST OF HONSHU, JAPAN
	18	23 06 19 1%	26.368	S	27.414	E	5	G		1.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	18	23 25 15 4?	44.48	N	7.28	E	5	G		0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	19	00 24 38.8%	31.242	S	68.231	W	100	G		0.5	8	SAN JUAN PROVINCE, ARGENTINA
	19	00 25 46.4	52.526	N	165.025	W	37	D	4.8	1.2	136	SOUTH OF ALEUTIAN ISLANDS. ML 4.9 (PMR).
	19	00 52 24 0&	40.673	N	124.336	W	25				24	NEAR COAST OF NORTHERN CALIF <GM-P>. MD 3.6 (GM). ML 4.1 (BRK). Felt at Eureko. Felt from Trinidad to Cutten.
	19	02 01 43.2	32.866	S	71.102	W	53	*		0.4	18	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	19	02 22 07.3?	44.27	N	8.32	E	10	G		0.6	4	NORTHERN ITALY. ML 1.4 (GEN).
	19	02 32 31.5	36.059	N	141.831	E	30	D	5.1 4.8	0.9	160	NEAR EAST COAST OF HONSHU, JAPAN
	19	02 41 05 8?	34.42	S	71.81	W	10	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	19	02 43 22 7*	7.024	S	150.456	E	33	N	4.5	1.1	7	NEW BRITAIN REGION, P.N.G.
	19	03 00 19.9*	23.825	S	179.979	W	556	?	4.8	1.3	51	SOUTH OF FIJI ISLANDS
	19	03 02 10 7*	6.823	N	73.001	W	162	*	4.2	1 1	19	NORTHERN COLOMBIA
	19	03 14 18 3	44.805	N	6.821	E	10	G		0.7	11	FRANCE. ML 2 1 (LDG), 1 9 (GEN).
	19	03 22 42 6%	38.978	S	175.184	E	192	*		0 4	20	NORTH ISLAND, NEW ZEALAND
	19	03 43 31.1*	34.479	S	70.223	W	10	G		1.3	19	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	19	03 56 39.4%	46.992	N	3.601	E	10	G		0.4	7	FRANCE. ML 1.5 (LDG).
	19	04 18 30 8*	22.776	S	69.118	W	146	*		0.4	9	NORTHERN CHILE
	19	04 26 23 8&	40.590	N	125.620	W	5				14	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). MD 3.1 (GM).
	19	04 49 36.0	42.263	N	19.513	E	23			0.9	66	NORTHWESTERN BALKAN REGION. ML 4.1 (THE), 4.0 (TIR). MD 3.9 (TTG).
	19	04 54 51.0*	50.457	N	18.862	E	10	G		1 0	7	POLAND ML 3 2 (WAR).
	19	05 03 08.3	42.253	N	19.614	E	10	G		0 7	17	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG), 2.5 (TIR).
	19	05 03 56.5	32.071	S	69.539	W	126	*		0 7	18	MENDOZA PROVINCE, ARGENTINA MD 3.9 (SAN).
	19	05 19 22.3*	29.073	S	176.516	W	33	N	4 8	1.4	22	KERMADEC ISLANDS REGION
	19	06 07 21.1&	59.987	N	151.756	W	58				67	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	19	06 08 59.3?	31.65	S	69.33	W	120	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	19	06 52 31.6%	26.918	S	26.723	E	5	G		0.7	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	19	06 55 05.6%	26.391	S	27.341	E	5	G		1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	19	07 05 39.5%	44.356	N	7.317	E	5	G		0.4	6	NORTHERN ITALY. ML 1.7 (GEN).
	19	07 20 26.4&	34.079	N	116.349	W	2				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt.
	19	07 44 48.2%	38.788	S	175.196	E	248	?		0.3	20	NORTH ISLAND, NEW ZEALAND
	19	08 26 40.4*	8.928	S	124.164	E	103	?	4.6	1.3	15	TIMOR REGION, INDONESIA
	19	08 32 09.6?	39.23	N	27.72	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
	19	08 39 14 7?	29.38	S	179.23	W	343	?	3.8	1.1	8	KERMADEC ISLANDS REGION
	19	08 40 05 5?	31.73	S	179.33	W	437	?		1.5	16	KERMADEC ISLANDS REGION
	19	08 46 40 4	86 387	N	72.081	E	10	G	4.6 4.0	1.3	79	NORTH OF SEVERNAYA ZEMLYA
	19	08 56 26 0?	39 10	N	27.62	E	10	G		0.7	4	TURKEY. ML 2 8 (ISK).
	19	09 05 09 9?	39.12	N	27.61	E	10	G		1.3	4	TURKEY. ML 2 8 (ISK).
	19	09 25 28 0%	40.547	N	23.705	E	5	G		0.4	7	GREECE. ML 2.1 (THE).
	19	09 57 53 2?	6.54	N	72 40	W	33	N		1.4	7	NORTHERN COLOMBIA
a	19	10 02 05 5	2 242	S	137.922	E	33	N	5.2 4.7	1.0	96	IRIAN JAYA, INDONESIA. Mw 5.3 (HRV).
	19	10 10 28 4?	39.06	N	27.70	E	10	G		0.6	4	TURKEY ML 2.7 (ISK).
	19	10 21 38 4?	32.49	S	179 24	E	399	?	4.0	1.1	16	SOUTH OF KERMADEC ISLANDS
	19	10 51 37 0&	58.967	N	151.404	W	36				50	KODIAK ISLAND REGION. <AEIC> ML 3.1 (AEIC).
	19	11 09 06.7	11.219	N	86.581	W	33	N	4.6 4.2	1.2	70	NEAR COAST OF NICARAGUA
	19	11 23 54.8*	56.814	N	142.971	W	10	G		0.5	22	GULF OF ALASKA. ML 2.9 (AEIC).
	19	11 27 08 4?	11.24	N	86.89	W	33	N	4.0	1.5	13	NEAR COAST OF NICARAGUA
	19	11 46 53.4%	39.619	N	29.407	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).
	19	11 51 18 4?	31.36	N	77.12	E	33	N		1.7	8	NORTHERN INDIA
a	19	12 23 30 6	10.175	N	103 627	W	10	G	5 2 5.3	1.1	144	OFF COAST OF MEXICO. Mw 5.8 (HRV).
	19	12 59 29.7%	11.247	N	68.168	W	10	G		1 5	6	NEAR COAST OF VENEZUELA
	19	13 18 17.1*	0.001	N	16.570	W	10	G	4 7	1 3	46	NORTH OF ASCENSION ISLAND
	19	13 19 04.5%	39.750	S	173.946	E	264	*		0.3	22	OFF W. COAST OF N. ISLAND, N.Z.

	19	13	20	05	9%	38	158	S	176.216	E	216	*		0.6	22	NORTH ISLAND, NEW ZEALAND
	19	13	21	53.	4%	26	892	S	26.731	E	5	G		0 6	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	19	14	04	27	3?	26	52	S	27.30	E	5	G		1.7	4	REPUBLIC OF SOUTH AFRICA
	19	14	14	33.	2%	33	690	S	70.673	W	32	*		0.2	9	CHILE-ARGENTINA BORDER REGION
	19	14	14	57.	5%	33	692	S	70.674	W	30			0 3	10	CHILE-ARGENTINA BORDER REGION. MD 3 6 (SAN).
	19	14	31	14.	2	17	133	N	119.807	E	31	D	4.7	1 5	24	PHILIPPINE ISLANDS REGION
	19	14	55	49	7%	33	690	S	70.684	W	32	*		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	19	15	12	41	2&	61	000	N	150.978	W	50				48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	15	21	52.	9%	33	691	S	70.698	W	28			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
a	19	15	33	00.	2	28	299	S	176.643	W	33	N	5.5 5.7	1.3	173	KERMADEC ISLANDS REGION. Mw 5.7 (HRV). Ms 5.9 (BRK). Mo=9.3*10**17 Nm (PPT).
	19	15	36	15.	5%	33	690	S	70.678	W	31			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	19	16	09	46	7?	37	37	S	176 53	E	277	?		0.7	24	NORTH ISLAND, NEW ZEALAND
	19	16	32	28.	6%	31	358	S	68.592	W	100	G		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	19	16	33	29.	0%	33	687	S	70.668	W	32			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	19	16	46	46.	3%	26	381	S	27.392	E	5	G		1.4	7	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	19	16	54	01.	0	6	708	N	72.903	W	170		4.6	0.9	29	NORTHERN COLOMBIA
	19	17	01	56.	3	36	807	N	54.904	E	33	N	4.6	1.2	51	NORTHERN IRAN. ML 4.8 (TEH). Felt in the Bastam-Emamshahr area.
	19	17	45	53.	5	86	378	N	72.222	E	10	G	4.5	1.1	56	NORTH OF SEVERNAYA ZEMLYA
	19	18	48	15	5	38	134	N	22.131	E	83		3.9	0.8	51	GREECE. MD 3.8 (ATH).
	19	18	51	21.	9*	13	346	S	70.991	W	33	N		0.9	6	CENTRAL PERU
	19	18	52	26.	5*	28	528	S	176.526	W	42	D	4.8 4.8	1.2	30	KERMADEC ISLANDS REGION
	19	18	55	45	6*	86	301	N	71.820	E	10	G	4.2	0.8	21	NORTH OF SEVERNAYA ZEMLYA
	19	19	26	18.	7	40	224	N	27.504	E	10	G	3.4	0.8	42	TURKEY. ML 3.8 (ISK).
	19	20	02	14.	5%	39	237	S	175.612	E	109	*		0 9	30	NORTH ISLAND, NEW ZEALAND
	19	21	27	45.	4*	18	340	N	145.215	E	502	*	4.4	0 7	20	MARIANA ISLANDS
	19	21	45	44.	0	31	885	N	137.831	E	415	*	4.1	0.5	23	SOUTH OF HONSHU, JAPAN
	19	22	56	36.	9?	38	45	N	22.59	E	5	G		0 4	11	GREECE. ML 2.9 (THE).
	19	23	07	03.	1?	7	23	S	123.83	E	288	?	4.3	1 0	6	BANDA SEA
	19	23	11	47.	6%	37	148	N	3.703	W	10	G		0 8	8	SPAIN. mbLg 3.2 (MDD).
	20	02	09	02.	5?	31	49	S	69.44	W	120	G		0 6	6	SAN JUAN PROVINCE, ARGENTINA
	20	02	09	24.	6*	6	262	S	130.092	E	152		5 3	0.9	138	BANDA SEA
a	20	02	22	52	1	28	562	S	176.356	W	33	N	5.5 5 5	1.2	133	KERMADEC ISLANDS REGION. Mw 5.4 (HRV). Ms 5.7 (BRK). Mo=3.2*10**17 Nm (PPT).
	20	03	34	44.	3	6	890	S	150.344	E	33	N	4.7	1 0	29	NEW BRITAIN REGION, P.N.G. ML 5.0 (PMG).
	20	04	18	32.	1	20	376	N	62.356	W	10	G	3.6	1 0	25	NORTH ATLANTIC OCEAN. MD 4.2 (TRN).
	20	04	33	27.	4*	6	818	S	150.259	E	33	N	4.7	1 5	10	NEW BRITAIN REGION, P.N.G. ML 4.6 (PMG).
	20	04	40	05.	1?	9	90	S	121.74	E	140	?	3.6	0.7	5	SAVU SEA
	20	04	45	56.	7	44	358	N	7.286	E	5	G		0 3	22	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
	20	04	49	56	2*	14	863	S	173.593	W	33	N	4 8 4.7	1 1	38	SAMOA ISLANDS REGION
	20	05	13	52.	2*	28	479	S	176.244	W	33	N	4 9	1.4	35	KERMADEC ISLANDS REGION
	20	05	15	06.	5	39	286	S	175.167	E	122		5 0	0 9	44	NORTH ISLAND, NEW ZEALAND
	20	07	35	13.	4%	40	662	N	22.564	E	10	G		0.6	7	GREECE. ML 1 9 (THE).
a	20	07	44	38.	5	5	649	S	153.195	E	33	N	5 1 4 4	1 1	90	NEW IRELAND REGION, P.N.G. Mw 5 1 (HRV).
	20	08	19	29	3?	41	33	N	24.05	E	10	G		0 5	6	GREECE-BULGARIA BORDER REGION ML 2.5 (THE).
	20	08	35	26.	8%	31	246	S	68.417	W	100	G		0 3	6	SAN JUAN PROVINCE, ARGENTINA
	20	09	33	10.	3?	31	26	S	68.52	W	100	G		0 3	4	SAN JUAN PROVINCE, ARGENTINA
	20	10	15	10.	3	33	638	N	34.713	E	10	G	4.3	1.0	33	EASTERN MEDITERRANEAN SEA MD 4.1 (CSS), 4.1 (HLW). ML 3 6 (BHL). Felt in northern Israel and southern Lebanon.
	20	10	20	39.	2%	39	983	N	22.853	E	10	G		0 4	8	GREECE ML 1 9 (THE)
	20	10	27	09.	3?	36	47	S	179.55	E	33	N	4 3	1 5	19	OFF E COAST OF N ISLAND, N.Z.
	20	10	58	23.	1?	28	23	S	69.13	W	110	G		1 7	8	CHILE-ARGENTINA BORDER REGION
	20	11	05	48.	6%	18	573	N	66.715	W	60	G		0.3	7	PUERTO RICO REGION
	20	11	26	51	6?	34	90	S	71.06	W	100	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	20	11	43	45	5?	39	13	N	27.61	E	10	G		0.7	4	TURKEY. ML 2 8 (ISK).
	20	12	04	36	8	1	762	N	127.206	E	130		5.2	1 0	53	HALMAHERA, INDONESIA
	20	12	09	46	2*	49	161	S	120.649	E	10	G	5.0 4.4	1.2	26	SOUTH OF AUSTRALIA
	20	12	14	01	9	38	876	N	21.007	E	10	G		1.4	13	GREECE. MD 2.9 (ATH). ML 2.8 (THE).
	20	12	18	10	9*	39	655	N	20.348	E	10	G		0.5	8	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
	20	13	02	16.	9*	6	131	S	26 862	E	11	D	4.9	1.2	109	ZAIRE
	20	13	09	00.	9%	45	990	N	2.715	E	10	G		0.5	10	FRANCE. ML 2.1 (LDG).
	20	13	21	03	5?	39	23	N	27.74	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
	20	14	05	25	1%	15	748	N	61.649	W	145	?		0.5	9	LEEWARD ISLANDS
	20	16	57	24	6*	39	138	N	19.900	E	10	G		1.3	6	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	20	17	04	10	8?	44	57	N	7 30	E	5	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
a	20	17	26	30	6	6	946	S	155.776	E	38	D	5.5 5.6	1.1	300	SOLOMON ISLANDS. Mw 5.8 (HRV). Ms 5.6 (BRK). Mo=5.4*10**17 Nm (PPT).
	20	17	51	39	7	38	825	N	25 952	E	10	G	3.7	0.7	19	AEGEAN SEA. ML 3.5 (ISK) MD 3.1 (ATH)
	20	17	52	27.	9?	27	27	N	127.39	E	33	N	4.3	1.0	7	RYUKYU ISLANDS
	20	18	34	13	0%	26	907	S	26.745	E	5	G		1.0	6	REPUBLIC OF SOUTH AFRICA ML 2.8 (PRE).
	20	18	36	21	6	44	822	N	6.744	E	10	G		0.5	18	FRANCE. ML 2 4 (LDG), 2.4 (GEN).
	20	18	51	28	1	5	670	S	146 318	E	104	D	5 3	0.9	148	EASTERN NEW GUINEA REG., P N.G.
	20	18	53	40	8%	39	411	S	174 274	E	246	*		0.5	24	NORTH ISLAND, NEW ZEALAND
	20	19	07	05	8	34	274	N	116 499	W	5	G		0.5	6	SOUTHERN CALIFORNIA ML 2.4 (GS).
	20	19	33	18	4*	17	178	S	167 912	E	19	D	4.7 4.6	1.4	32	VANUATU ISLANDS
	20	19	40	27	2?	30	51	S	117 11	E	10	G		1.0	4	WESTERN AUSTRALIA
	20	20	02	03	2?	33	97	N	24 95	E	10	G	4.0	1.0	12	CENTRAL MEDITERRANEAN SEA
	20	20	45	49	2	49	366	N	151.382	E	284	*	4.5	0.9	53	NORTHWEST OF KURIL ISLANDS
	20	21	06	04	2&	63	504	N	150.984	W	14				58	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3 3 (PMR).
	20	22	18	08	0	10	577	S	13.173	W	10	G	5.2 4.7	1.1	76	ASCENSION ISLAND REGION
	20	22	44	58	0&	63	112	N	150 314	W	111				67	CENTRAL ALASKA. <AEIC>.
	20	22	45	44	5	40	973	N	22.792	E	5	G		0.4	10	GREECE. ML 2.3 (THE), 2.0 (SKO)
	20	22	52	01	9*	28	271	S	177.097	W	35	D	5.2	1.2	29	KERMADEC ISLANDS REGION
	20	23	49	50	1?	31	21	S	68.25	W	100	G		0 4	6	SAN JUAN PROVINCE, ARGENTINA
	21	00	32	51	5	39	200	N	40 401	E	10	G	4.2	1.0	22	TURKEY
	21	00	36	24	5?	31	25	S	68.64	W	94	?		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	21	00	45	56.	9?	44	89	N	26.91	E	10	G		0 3	5	ROMANIA
	21	01	29	42.	3	6	268	S	130.073	E	142	*	4.7	0.7	15	BANDA SEA
	21	02	07	34	4*	28	367	N	139.412	E	481	?	4.3	1 0	26	BONIN ISLANDS REGION
	21	02	30	52	8&	63	472	N	150.771	W	17				65	CENTRAL ALASKA <AEIC>. ML 3.1 (AEIC), 3 4 (PMR).
	21	02	44	04.	2%	31	221	S	69.101	W	105	?		0 3	7	SAN JUAN PROVINCE, ARGENTINA

	21	03 46 24.8	40 176	N	27.492	E	10	G			0.6	7	TURKEY. ML 3 1 (ISK).
	21	04 57 57 9	44.324	N	7.247	E	14	*			0 3	9	NORTHERN ITALY. ML 2.0 (GEN).
	21	05 42 01 0	28.739	S	67.369	W	157	*			0 8	15	LA RIOJA PROVINCE, ARGENTINA
	21	06 19 16.7%	44.402	N	7.173	E	10	G			0.2	9	NORTHERN ITALY. ML 2.4 (GEN).
	21	06 24 29.7*	43.994	N	11.661	E	10	G			1.5	8	CENTRAL ITALY. ML 3.1 (LDG) MD 3.2 (LJU).
	21	06 47 16 2%	39.967	N	29 246	E	10	G			0.2	5	TURKEY ML 2.9 (ISK).
	21	07 00 57.8?	44.40	N	7 18	E	10	G			0.2	4	NORTHERN ITALY. ML 1.7 (GEN).
	21	07 07 16.9	44.416	N	7.227	E	10	G			0.5	23	NORTHERN ITALY. ML 2.8 (GEN), 2.7 (LDG), 2.7 (STR).
	21	07 30 19.2	5.673	S	151.908	E	66		4.8		0.7	35	NEW BRITAIN REGION, P.N.G Felt (III) at Rabaul.
	21	08 36 07 8	35.983	N	112.297	W	5	G			0.6	22	WESTERN ARIZONA. ML 3.5 (GS). Felt (IV) at Grand Canyon.
	21	08 46 17.8?	39.26	N	27.71	E	10	G			0.6	4	TURKEY. ML 2.8 (ISK).
	21	08 47 59.7?	38 99	N	27.76	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	21	09 00 32 2?	31.19	S	68 26	W	100	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	21	09 26 00.3*	5.670	S	151.999	E	33	N	4.2		1.2	5	NEW BRITAIN REGION, P.N.G.
	21	10 37 20.0&	59.143	N	151.548	W	61					40	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	21	11 32 46 2?	28.79	S	176.42	W	58	?	4.6		1.2	10	KERMADEC ISLANDS REGION
	21	11 45 35.2?	45 30	N	6 52	E	10	G			0.1	4	FRANCE ML 2.1 (GEN).
	21	12 15 34 6%	46 300	N	0 990	E	10	G			0.9	10	FRANCE. ML 2.6 (LDG).
	21	12 40 58.3?	39.12	N	27.62	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	21	13 01 07 8%	26.993	S	26.757	E	5	G			1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	21	13 21 21.3%	26.250	S	27.954	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 3 1 (PRE).
	21	14 16 07.1?	39.21	N	27.80	E	10	G			0.5	4	TURKEY. ML 2.8 (ISK).
	21	14 50 52.3	51.048	N	158.915	E	33	N	4.7	4.0	1.0	53	NEAR EAST COAST OF KAMCHATKA
	21	15 34 21.1*	39.817	N	20.406	E	10	G			1.1	6	GREECE-ALBANIA BORDER REGION
	21	16 15 55.5?	37.60	N	72.64	E	33	N	4	3	1.1	5	TAJIKISTAN
a	21	16 54 48.5	49.182	N	150.423	E	348	D	5	2	0.8	287	NORTHWEST OF KURIL ISLANDS. Mw 5.1 (HRV).
	21	17 32 18.6?	5.02	S	151 30	E	148	?	4	7	0.6	14	NEW BRITAIN REGION, P.N.G.
	21	17 43 42.7	37 527	S	175.482	E	5	G			0.6	7	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL). Felt (III) in the Te Araha area.
	21	17 47 31.9	29.919	S	71.481	W	47	D	4.9		1.1	60	NEAR COAST OF CENTRAL CHILE. MD 4.9 (SAN). Felt (V) at Andacalla and Vicuna.
	21	18 31 58.8	6.136	S	130.133	E	91	*	5	0	1.0	35	BANDA SEA
	21	18 41 41.0	31.219	S	68.663	W	118	*			0.9	22	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	21	18 53 57.9%	44.609	N	6.988	E	10	G			0.4	6	FRANCE. ML 1.9 (GEN).
	21	19 03 48.6?	44.31	N	7.24	E	10	G			0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	21	19 16 13.9%	61.676	N	6.611	E	10	G			0.1	5	SOUTHERN NORWAY. MD 1.7 (BER)
	21	19 43 55.0?	19.57	S	67.79	W	250	G			1.9	5	SOUTHERN BOLIVIA
	21	20 02 05.0*	17.177	N	93.100	W	33	N	4.2		0.9	14	CHIAPAS, MEXICO
	21	20 06 52.6%	45.190	N	7.496	E	10	G			0.3	8	NORTHERN ITALY. ML 2.2 (GEN).
	21	20 30 11.9%	17 905	N	76.946	W	33	N			0.8	5	JAMAICA REGION. MD 2.6 (HOJ). Felt (III) at Red Hills and (II) at Gordon Town.
	21	20 33 31.9%	44.387	N	6.828	E	10	G			0.3	9	FRANCE ML 2.1 (GEN).
	21	20 39 16.5*	7.493	S	118.962	E	40	D	4	8	1.0	14	FLORES SEA
	21	20 58 23.8?	31.66	S	69.42	W	125	?			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	21	21 33 05.6%	31 825	S	68 291	W	100	?			0 3	7	SAN JUAN PROVINCE, ARGENTINA
	21	21 35 12.8?	6 52	N	72 46	W	33	N			0.1	4	NORTHERN COLOMBIA
	21	21 45 46.4*	42 969	N	146.144	E	49	*	4.4	3 8	1.0	33	OFF COAST OF HOKKAIDO, JAPAN
	21	21 55 41.7%	26.979	S	26.740	E	5	G			0.9	8	REPUBLIC OF SOUTH AFRICA. ML 3 0 (PRE).
	21	23 51 52 9	39 614	S	173.874	E	265	*			0.4	22	OFF W. COAST OF N. ISLAND, N.Z
	21	23 56 36 1	31.553	S	68 523	W	107	*			0.8	12	SAN JUAN PROVINCE, ARGENTINA
	22	01 14 16.6*	31 992	N	143 052	E	33	N	4	4 4 3	0.6	9	SOUTH OF HONSHU, JAPAN
	22	01 24 52.2?	31.58	S	68.92	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	22	01 47 13.8&	59.851	N	153 044	W	99					59	SOUTHERN ALASKA <AEIC>.
	22	02 02 07.2*	32.418	S	71 770	W	33	N			0.8	19	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	22	02 25 48.5?	31.23	S	68.65	W	100	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	22	02 35 14.8?	11.90	N	61.82	W	108	?			0.9	7	WINDWARD ISLANDS. MD 3.2 (TRN).
	22	03 01 06.5*	43.370	N	19.828	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION ML 2.2 (TTG).
	22	03 01 12.8	40.829	S	175.350	E	33	N			0.9	18	NORTH ISLAND, NEW ZEALAND ML 3.9 (WEL).
	22	03 06 11.3&	63.124	N	151 275	W	10					59	CENTRAL ALASKA. <AEIC> ML 3 1 (AEIC), 3.6 (PMR).
	22	03 26 35.0	30.961	S	67.522	W	13				1.5	8	SAN JUAN PROVINCE, ARGENTINA
	22	03 52 00.8*	45.353	N	17.758	E	10	G			1.1	7	NORTHWESTERN BALKAN REGION. MD 3.1 (TRI), 3.0 (LJU).
	22	03 52 08.0*	63.142	N	150.775	W	117	?			0.7	10	CENTRAL ALASKA
	22	04 12 53 9&	55 097	N	159.984	W	23					24	ALASKA PENINSULA <AEIC>. ML 4 1 (AEIC).
	22	04 29 56 6%	31 213	S	68.792	W	110	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	22	04 50 45.8	45 395	N	17.692	E	10	G			0.8	24	NORTHWESTERN BALKAN REGION. ML 2.8 (LJU), 2.7 (BRA).
	22	05 15 32.1	40.982	N	8 858	W	10	G			0.7	11	PORTUGAL. mbLg 3 5 (MDD)
	22	06 33 32.8?	31.14	S	69.43	W	100	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	22	06 46 58.4?	31.41	S	69.35	W	120	G			0.7	5	SAN JUAN PROVINCE, ARGENTINA
	22	07 12 05 8?	38.53	S	175 13	E	263	?			0.4	14	NORTH ISLAND, NEW ZEALAND
	22	07 19 57.9?	31 69	S	69 65	W	120	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	22	07 59 56.2?	39 15	N	27 60	E	33	N			0.6	4	TURKEY. ML 2.8 (ISK).
	22	08 04 34.2?	31 53	S	68.17	W	80	G			1.3	5	SAN JUAN PROVINCE, ARGENTINA
	22	08 37 37.3	41 513	N	142 008	E	70	D	5	0	0.9	110	HOKKAIDO, JAPAN REGION
	22	09 37 36.9&	63 071	N	149 875	W	87					38	CENTRAL ALASKA <AEIC>
	22	09 44 01.1?	31 53	S	69.27	W	93	?			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	22	10 05 09.4%	44 815	N	7 233	E	10	G			0.6	6	NORTHERN ITALY. ML 1.8 (GEN).
	22	10 20 13.9?	39 06	N	27 66	E	10	G			0.5	4	TURKEY. ML 2.8 (ISK).
	22	10 21 31.9	37.994	N	22.380	E	10	G			1.1	6	SOUTHERN GREECE. ML 2.8 (ATH).
	22	10 27 29 3%	31.259	S	68.747	W	90	?			0.1	6	SAN JUAN PROVINCE, ARGENTINA
	22	11 12 58.7?	34.19	S	70 57	W	100	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	22	11 15 41 9&	32.715	N	115 984	W	1					14	CALIF.-BAJA CALIF. BORDER REGION <PAS-P>. ML 3.6 (PAS). Felt.
	22	11 23 27 6	58 166	N	142 722	W	10	G			0.7	24	GULF OF ALASKA. ML 2.8 (AEIC).
	22	12 06 19.3	38.170	N	0 052	E	10	G			1.1	18	SPAIN. mbLg 3 0 (MDD).
a	22	12 33 45.0	64 624	N	17.543	W	5	G	5.1	4 8	0.9	127	ICELAND. Mw 5 3 (HRV).
	22	14 36 11.2?	47.26	N	11 25	E	10	G			0.1	4	AUSTRIA ML 1.4 (VIE).
	22	14 50 23.6	37.077	N	117.754	W	5	G			1.0	20	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS), 4.0 (BRK)
a	22	15 01 43.4	6.499	S	130.167	E	147	D	5.4		0.9	127	BANDA SEA Mw 5.3 (HRV).
	22	15 06 30 1?	17 21	N	60.87	W	10	G			0.4	6	LEEWARD ISLANDS ML 3.6 (FDF).
	22	15 13 40.9?	46 00	N	14 09	E	10	G			1.1	4	NORTHWESTERN BALKAN REGION. MD 2 4 (LJU).
	22	15 32 09.4?	29.37	S	176.32	W	65	?	4	6	1 5	15	KERMADEC ISLANDS REGION

	22	16	08	03.5?	5.42	S	147.21	E	220 ?	4.6		0.1	5	EASTERN NEW GUINEA REG., P.N G.
a	22	16	32	43 7	30.149	N	50.814	E	33 N	5.5	4.8	0.9	293	NORTHERN IRAN Mw 5.4 (HRV). Several people injured and at least 70 homes destroyed in Bavir Ahmadi va Kohkiluyeh Province. Londslides blocked roads in the epicentral area.
	22	16	37	19.4?	30.24	N	50.96	E	33 N	4.9		0.7	23	NORTHERN IRAN
	22	17	18	36.8%	34.044	S	69.961	W	5 G			0.4	8	CHILE-ARGENTINA BORDER REGION
	22	17	20	03.0?	38.87	N	25.97	E	10 G			0.7	5	AEGEAN SEA. ML 3.3 (ISK).
	22	17	44	50.6%	28.105	S	26.819	E	5 G			1.2	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	22	17	52	09.1%	39.181	N	27.861	E	10 G			1.0	7	TURKEY. ML 3.0 (ISK).
	22	18	13	30.9?	31.07	N	132.12	E	33 N			1.5	5	SOUTHEAST OF SHIKOKU, JAPAN
	22	19	23	14.3?	32.02	S	68.29	W	33 N			0.8	5	MENDOZA PROVINCE, ARGENTINA
	22	20	03	21.4*	38.026	S	175.869	E	262 *			0.4	25	NORTH ISLAND, NEW ZEALAND
	22	21	10	31.6	43.800	N	10.159	E	10 G			1.1	27	CENTRAL ITALY. ML 2.9 (GEN), 2.9 (LDG). MD 2 8 (FIR).
	22	21	39	27.4	43.495	N	7.331	E	10 G			0.5	18	NEAR SOUTH COAST OF FRANCE. ML 2 5 (GEN), 2.2 (LDG).
	22	21	39	51.3&	63.019	N	151.038	W	118				68	CENTRAL ALASKA. <AEIC>.
	22	21	52	00.3	36.400	N	8.133	W	32	4.4		1.0	120	WEST OF GIBRALTAR. mbLg 4.5 (MDD). MD 4.2 (RBA). Felt (IV) in the Fara area, Portugal. Also felt at Huelva, Spain
	22	22	38	41.3*	31.376	S	69.153	W	119 *			0.7	11	SAN JUAN PROVINCE, ARGENTINA
	22	23	08	10.9&	34.626	N	116.622	W	8				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.4 (GS). Felt.
	23	00	30	39.1?	31.40	S	68.55	W	90 G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	23	00	49	47.6*	37 976	S	175.945	E	198 ?			0 4	17	NORTH ISLAND, NEW ZEALAND
	23	02	10	57.6?	31.85	S	68.52	W	83 ?			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	23	03	23	12.2	31.346	N	102.509	W	5 G			0 9	10	WESTERN TEXAS. mbLg 2.6 (GS). MD 2.8 (SNM)
	23	03	47	00.1?	26 36	S	27.47	E	5 G			0.7	4	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	23	04	12	33.6?	37.49	N	29 52	E	10 G			0 0	4	TURKEY
	23	04	36	36.9	33 960	S	70.134	W	10 G			0 3	12	CHILE-ARGENTINA BORDER REGION. MD 4 0 (SAN).
	23	04	43	44 5&	34.973	N	116.933	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	23	04	48	24.9	35 483	N	141.421	E	10 G	4.2		1.2	20	NEAR EAST COAST OF HONSHU, JAPAN
	23	05	33	54.8?	37.91	N	29.25	E	10 G			0.9	4	TURKEY. ML 3.1 (ISK).
	23	05	47	44.6&	58 708	N	153.906	W	4				32	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	23	05	58	50.7?	38.46	N	21.20	E	10 G			1.0	7	GREECE
	23	07	00	26 5&	59.925	N	152.737	W	101				47	SOUTHERN ALASKA. <AEIC>.
	23	07	15	44.1?	66.40	N	15.11	E	10 G			0.7	4	NORTHERN NORWAY. MD 2.8 (BER).
	23	07	23	59 4%	37.739	N	28.778	E	10 G			0.8	12	TURKEY. ML 3.8 (ISK).
	23	07	27	11 8?	31.51	S	68 81	W	100 G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	23	08	08	51.5?	39.11	N	27 59	E	10 G			0.4	4	TURKEY. ML 2.7 (ISK).
	23	08	14	24 1?	39.12	N	27.59	E	10 G			0.3	4	TURKEY. ML 2.8 (ISK).
	23	09	27	07 9?	39 33	N	27 63	E	10 G			0 4	4	TURKEY. ML 2.7 (ISK).
	23	09	31	38 8	49.151	N	6.900	E	10 G			1.1	9	GERMANY. ML 2 5 (STR).
	23	09	53	10 1?	44.37	N	8.13	E	5 G			0.4	6	NORTHERN ITALY ML 2 3 (STR).
	23	10	05	49 4?	39 18	N	27 57	E	10 G			0 1	4	TURKEY. ML 2.8 (ISK).
	23	10	09	34 0*	43.335	N	147 954	E	33 N	4 4		1.4	13	KURIL ISLANDS
	23	10	40	43 7	37 547	S	175 469	E	7			0.4	11	NORTH ISLAND, NEW ZEALAND. ML 3 8 (WEL).
	23	10	53	15 2	23 627	S	66 516	W	223	4.6		1 3	46	JUJUY PROVINCE, ARGENTINA
o	23	11	29	19 3	60 549	S	56.376	W	10 G	6.2	5.4	1 3	100	SOUTH SHETLAND ISLANDS Mw 5.8 (HRV).
	23	12	00	51.8*	32 081	S	178 738	W	64 *	4.9		1.3	21	SOUTH OF KERMADEC ISLANDS
	23	12	20	13 1%	10 716	N	60.809	W	10 G			0 6	6	TRINIDAD MD 2 5 (TRN)
	23	12	54	56 2*	31 915	S	66 976	W	154 ?			1.5	10	LA RIOJA PROVINCE, ARGENTINA
	23	13	12	44 2?	57 99	N	6 30	E	10 G			0.5	6	NORTH SEA. MD 2.8 (BER).
	23	13	37	38 5%	33 319	S	70 388	W	10 G			1.0	8	CHILE-ARGENTINA BORDER REGION
	23	14	23	06 8*	29.123	S	176 295	W	62 ?	4.7	4.9	1 2	19	KERMADEC ISLANDS REGION Mo=1.3*10**17 Nm (PPT).
	23	15	13	16 1?	39 29	N	27 67	E	10 G			1 0	4	TURKEY ML 2.8 (ISK).
	23	16	20	23.5&	61 236	N	145.198	W	20				44	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	23	16	36	04 1*	7 859	N	37 998	W	10 G	4.8		0.8	38	CENTRAL MID-ATLANTIC RIDGE
	23	16	39	17 4%	45.560	N	27 615	E	10 G			1.3	6	ROMANIA
	23	16	46	48.7	37 821	S	176 849	E	198 *			0.6	28	NORTH ISLAND, NEW ZEALAND
	23	16	48	30.8*	4.771	S	133.443	E	33 N	5.0	4 5	1.4	23	IRIAN JAYA REGION, INDONESIA
	23	17	19	26.7	27.529	N	92.616	E	33 N	4.6	4.1	0.8	36	EASTERN XIZANG-INDIA BORDER REG.
	23	17	41	50.1?	26.42	S	27.33	E	5 G			1.0	4	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	23	19	19	45.7?	16.55	N	119.41	E	10 G			1.1	4	LUZON, PHILIPPINE ISLANDS
	23	19	29	04.6	32.177	S	71.748	W	10 G			0.5	16	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	23	19	34	29.2?	13.96	S	73.42	W	33 N			0.9	5	CENTRAL PERU
	23	19	51	31.8*	40.160	N	24.151	E	10 G			1.5	11	AEGEAN SEA
	23	20	07	33.5	6.325	S	149.608	E	43 *	4.6	4.4	0.9	11	NEW BRITAIN REGION, P.N.G.
	23	21	05	38.9?	31.24	S	68.44	W	100 G			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	23	21	38	06.0*	37.781	S	176.062	E	211 ?			0.5	19	NORTH ISLAND, NEW ZEALAND
	23	21	42	24.3?	44.97	N	27.05	E	10 G			0 8	4	ROMANIA
	23	21	51	05.3?	31.59	S	69.28	W	100 G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
	23	22	30	47.1?	28.88	S	67.43	W	164 ?			0.4	9	LA RIOJA PROVINCE, ARGENTINA
	23	22	38	01.9?	8 07	N	77.57	W	10 G			1.1	5	PANAMA-COLOMBIA BORDER REGION
	23	22	40	02 3*	14 514	S	176.068	W	319 *	4.4		0.9	37	FIJI ISLANDS REGION
	23	23	49	54.7?	38 98	N	26 18	E	28 ?			0.2	5	AEGEAN SEA. ML 3.3 (ISK).
	24	00	15	20 3	20.117	N	121.409	E	43 D	5.1	5.0	1.0	160	PHILIPPINE ISLANDS REGION
	24	01	07	05 8%	30.086	S	68.760	W	143 ?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	24	01	14	09 6	46 176	N	16.639	E	26			0.8	34	NORTHWESTERN BALKAN REGION. ML 3.8 (GRF), 3.6 (ZAG), 3.5 (VIE). MD 3.5 (TRI). Felt at Ludbreg, Croatia.
	24	01	17	26 3	45 261	N	151.488	E	33 N	4.9	4.4	1.1	88	KURIL ISLANDS
	24	01	34	18 8	42.224	S	173 684	E	64 *			0.7	21	SOUTH ISLAND, NEW ZEALAND
	24	01	53	29 7&	62.845	N	149 932	W	76				58	CENTRAL ALASKA. <AEIC>.
	24	02	29	18.8	45 519	N	151 277	E	33 N	5.1	4 4	0.9	104	KURIL ISLANDS
	24	02	59	58.1	24 459	N	121 903	E	98 *	4 4		1.1	31	TAIWAN. Felt in northeostern Taiwan.
	24	03	01	14.1	38.633	N	142 266	E	54 *	4 7		0.5	13	NEAR EAST COAST OF HONSHU, JAPAN
	24	03	02	39.6?	31.28	S	69 46	W	120 G			0 2	4	SAN JUAN PROVINCE, ARGENTINA
	24	03	10	36 5?	38.09	S	175 88	E	198 ?			0.4	15	NORTH ISLAND, NEW ZEALAND
	24	03	40	49.2?	32.00	S	69 23	W	120 G			0.4	4	MENDOZA PROVINCE, ARGENTINA
	24	04	04	14.4*	51 874	N	179.391	W	88 *	4 4		0.4	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	04	46	09.6	41 836	S	171 717	E	27			0.9	14	SOUTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	24	05	18	17.3?	35.75	S	70 38	W	120 G			0 8	8	CHILE-ARGENTINA BORDER REGION
	24	05	24	35.7*	41 492	N	20 045	E	10 G			0 7	5	ALBANIA ML 2 2 (TIR)
	24	05	33	24.5?	44.94	N	151.95	E	33 N	4 6		1 1	19	EAST OF KURIL ISLANDS

	24	06	45	55.4%	26	178	S	27.675	E	5	G	1.1	8 REPUBLIC OF SOUTH AFRICA. ML 2 8 (PRE).
	24	08	00	07.6?	26	38	S	27.08	E	5	G	1 3	4 REPUBLIC OF SOUTH AFRICA
	24	08	05	28.3	15.784	N		147.700	E	42	D 4.8	1.0	31 MARIANA ISLANDS REGION
	24	08	20	52.9?	31	63	S	68.49	W	100	G	0.3	5 SAN JUAN PROVINCE, ARGENTINA
	24	08	26	23.3?	39	15	N	27.45	E	10	G	0.2	4 TURKEY. ML 2.8 (ISK).
	24	08	57	07.6?	45.17	N		25 01	E	10	G	1.1	4 ROMANIA
	24	08	59	54.9?	42	62	N	142.92	E	130	?	0.8	5 HOKKAIDO, JAPAN REGION
	24	09	10	33 6&	40	302	N	124.596	W	20			5 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	24	09	14	40.1?	39	24	N	27.74	E	10	G	0.5	4 TURKEY. ML 2.8 (ISK).
	24	10	00	36.9?	31.62	S		69.31	W	110	G	0.7	5 SAN JUAN PROVINCE, ARGENTINA
	24	10	30	08.7?	32.45	S		71.49	W	32		0.7	10 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	24	10	56	53.6&	59	711	N	152 303	W	78			42 SOUTHERN ALASKA. <AEIC>.
	24	10	57	58 9?	44	68	N	152 30	E	33	N 4.4	1.2	5 EAST OF KURIL ISLANDS
	24	11	03	17.7&	59	843	N	152 958	W	105			45 SOUTHERN ALASKA <AEIC>.
	24	11	10	58.8%	26.767	S		26 792	E	5	G	1.1	5 REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	24	11	10	59.0	41	106	N	20.229	E	5	G	1.0	20 ALBANIA. ML 3.0 (TTG), 2.8 (TIR)
	24	12	12	31.6*	0	615	N	122.773	E	87	? 4.7	1.2	15 MINAHASSA PENINSULA, SULAWESI
	24	12	19	55.3?	39	11	N	27 58	E	10	G	0.2	4 TURKEY. ML 2 8 (ISK).
	24	12	21	07 6	41	079	N	20.245	E	10	G	1.0	8 ALBANIA. ML 2 8 (SKO), 2 7 (TIR).
a	24	12	45	29.5	6	430	S	147 396	E	73	5.1	0.8	138 EASTERN NEW GUINEA REG , P.N.G. Mw 5.2 (HRV).
	24	13	05	16.2%	26.452	S		27.226	E	5	G	0.8	5 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	24	13	57	01.7*	2.786	S		79.701	W	33	N 4.6	1.1	23 NEAR COAST OF ECUADOR. Felt at Guayaquil.
	24	14	39	06.4?	15.32	S		69.64	W	167	?	1.1	8 PERU-BOLIVIA BORDER REGION
	24	14	53	16.4?	39.74	N		29.45	E	10	G	1.1	4 TURKEY. ML 2.7 (ISK).
	24	15	40	04.7	49.156	N		6.851	E	9		0.9	29 GERMANY. ML 3.3 (STR), 3.1 (GRF), 2.9 (BNS), 2.8 (UCC).
	24	15	54	47.1%	27.896	S		26.807	E	5	G	1.5	6 REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	24	16	43	48.2?	31.53	S		69.10	W	120	G	0.4	4 SAN JUAN PROVINCE, ARGENTINA
	24	16	53	39.0*	38.911	N		71.230	E	33	N 4.5	1.5	12 AFGHANISTAN-TAJIKISTAN BORD REG.
	24	17	18	29.7*	6.877	S		130.872	E	33	N 4.9	1.0	11 BANDA SEA
	24	18	08	52.9*	40.616	N		21.179	E	10	G	1.5	7 GREECE. ML 2.3 (TIR).
	24	18	38	59.1*	4.225	S		129 184	E	127	? 4.5	1 0	17 BANDA SEA
	24	18	59	32.5?	32.00	S		68.34	W	100	G	0.2	4 MENDOZA PROVINCE, ARGENTINA
	24	19	27	18.7*	46.160	N		16.409	E	10	G	0.6	5 NORTHWESTERN BALKAN REGION. MD 2.7 (LJU).
	24	20	11	05.3?	31	33	S	68.50	W	100	G	0.4	5 SAN JUAN PROVINCE, ARGENTINA
	24	21	35	35.1%	44.558	N		6.822	E	10	G	0.3	9 FRANCE. ML 2.2 (GEN).
	24	21	53	31.8	44.553	N		6.853	E	10	G	0.5	18 FRANCE. ML 2.3 (GEN), 2.0 (LDG).
	24	21	59	06.6*	24.558	N		95.595	E	33	N 4.3	1.0	25 MYANMAR
	24	22	09	26.8%	39.234	N		28.947	E	10	G	0 8	6 TURKEY ML 2.8 (ISK).
	24	23	35	33.2?	31.45	S		69.31	W	120	G	0 1	5 SAN JUAN PROVINCE, ARGENTINA
	24	23	56	46.0*	30.969	S		69.076	W	120	G	0 5	10 CHILE-ARGENTINA BORDER REGION
	25	00	37	53.8?	28.90	S		67.24	W	120	G	1 2	6 LA RIOJA PROVINCE, ARGENTINA
	25	00	55	37.9?	11.63	N		87.45	W	33	N 4.0	1.3	6 NEAR COAST OF NICARAGUA. MD 4.5 (GCG).
	25	01	25	16.3*	42.216	N		7.022	E	10	G	0 7	16 WESTERN MEDITERRANEAN SEA ML 2.7 (LDG).
	25	02	04	14.1*	37.894	N		28.967	E	10	G	0 8	5 TURKEY. ML 3.5 (ISK).
	25	03	04	43.9?	33.10	S		67.55	W	130	G	0 4	6 MENDOZA PROVINCE, ARGENTINA
	25	03	07	52.1*	21	778	N	121 023	E	79	* 4.2	1 2	10 TAIWAN REGION
	25	04	11	38.9&	34.594	N		116 630	W	5			7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	25	04	38	33.5%	31.206	S		68.852	W	89	?	0.2	6 SAN JUAN PROVINCE, ARGENTINA
	25	04	58	28.8*	42.186	N		143 862	E	65	* 4.2	0.8	10 HOKKAIDO, JAPAN REGION
	25	06	01	24.4?	31	44	S	69 20	W	120	G	0.2	5 SAN JUAN PROVINCE, ARGENTINA
	25	06	02	35.0%	40	380	N	30 005	E	10	G	0.2	5 TURKEY. ML 2.8 (ISK)
	25	06	44	04.0?	31	83	S	68.97	W	110	G	0.6	5 SAN JUAN PROVINCE, ARGENTINA
	25	06	47	28.7*	31	635	S	69.354	W	110	G	0.3	7 SAN JUAN PROVINCE, ARGENTINA
	25	06	49	58.4*	40.416	N		21.206	E	10	G	1.3	10 GREECE ML 2.9 (TIR).
a	25	07	23	17.0	28.673	S		176.447	W	60	* 5 3 5.1	1.0	97 KERMADEC ISLANDS REGION. Mw 5 3 (HRV). Mo=1.4*10**17 Nm (PPT).
	25	07	27	25.5%	31.330	S		68 851	W	82	?	0.2	6 SAN JUAN PROVINCE, ARGENTINA
	25	07	28	57.2?	31.94	S		68.29	W	110	G	0.5	5 SAN JUAN PROVINCE, ARGENTINA
a	25	07	44	10.8*	28	835	S	176.419	W	70	* 5.0 5.4	1.2	62 KERMADEC ISLANDS REGION. Mw 5.5 (HRV). Ms 5.7 (BRK). Mo=3.5*10**17 Nm (PPT).
	25	08	16	32.1?	23.32	S		67.03	W	236	?	0.9	5 CHILE-ARGENTINA BORDER REGION
	25	08	38	17.7&	58.234	N		154.154	W	73			43 ALASKA PENINSULA. <AEIC>.
	25	08	49	33.4?	39.12	N		27.64	E	10	G	0.5	4 TURKEY. ML 2.8 (ISK).
	25	10	01	56.5?	39	12	N	27.70	E	10	G	0.7	4 TURKEY. ML 2.8 (ISK).
	25	10	04	29.0	33.315	N		93.306	E	33	N 4.8 4.3	0.9	50 QINGHAI, CHINA
	25	10	17	34.3&	53	630	N	131.742	W	16			12 QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.4 (PGC). Felt mildly at Tlell.
	25	10	52	16.1?	32.62	S		70.97	W	62	?	0.6	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	11	16	48.3	45	450	N	6.544	E	10	G	1.1	22 FRANCE. ML 2.7 (LDG).
	25	11	38	26.3&	61.954	N		148.392	W	33			49 SOUTHERN ALASKA <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	25	11	48	08.2?	39.11	N		27.65	E	10	G	0.5	4 TURKEY. ML 2.8 (ISK).
	25	13	10	45.0?	57.98	N		6.32	E	10	G	0 5	6 NORTH SEA. MD 2 5 (BER).
	25	13	23	03.7*	37	087	S	176.824	E	302	* 0.6		35 NORTH ISLAND, NEW ZEALAND
	25	13	25	47.7%	26	367	S	27 583	E	5	G	1 4	5 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	25	13	51	34.7%	26	413	S	27 442	E	5	G	1 1	7 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE)
	25	14	53	54.4*	45	350	N	14.572	E	10	G	1.1	7 NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
	25	15	00	05.2?	5	85	N	126 20	E	138	? 4 6	1 2	15 MINDANAO, PHILIPPINE ISLANDS
	25	15	08	44 9?	39	25	N	27.70	E	10	G	0 2	4 TURKEY. ML 2.8 (ISK).
	25	15	32	42.0	45	466	N	6.541	E	10	G	1.1	32 FRANCE. ML 2.9 (LDG).
	25	16	11	11 0?	60	38	N	5.01	E	10	G	1.2	5 SOUTHERN NORWAY. MD 0.9 (BER).
	25	16	23	16 8?	48	76	N	10.31	E	10	G	0.7	4 GERMANY. ML 2.2 (FUR).
	25	16	44	33 6?	52	54	N	156.16	E	33	N 4.5	0.5	24 KAMCHATKA
	25	16	55	05 2*	38	809	N	70 983	E	33	N 3.9	0.8	8 AFGHANISTAN-TAJIKISTAN BORD REG.
	25	17	25	27 1&	65	011	N	148.769	W	22			34 NORTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
	25	18	25	13 6	49	662	N	154.149	E	142	4.7	1.0	90 KURIL ISLANDS
	25	19	28	20 0	46.161	N		7.648	E	4		0.9	22 SWITZERLAND ML 2.5 (LDG), 2.4 (STR).
	25	19	40	22 6*	36	380	N	66 900	E	33	N 4.1	1.4	10 HINDU KUSH REGION, AFGHANISTAN
	25	19	58	22.2%	44.779	N		6.775	E	10	G	0.7	10 FRANCE
	25	20	04	59.4?	11.91	N		88.15	W	33	N 4.1	0.4	5 OFF COAST OF CENTRAL AMERICA. MD 4 5 (GCG).
	25	20	17	54.6*	31	331	S	68 970	W	110	G	0.7	8 SAN JUAN PROVINCE, ARGENTINA
	25	21	09	08.6*	20	328	S	177 753	W	545	4.7	1 2	46 FIJI ISLANDS REGION
	25	21	30	42 0	4	063	S	135 196	E	33	N 5 2 4 6	0 9	89 IRIAN JAYA REGION, INDONESIA
	25	21	43	51.5	40	214	S	173.477	E	230	*	0.3	22 COOK STRAIT, NEW ZEALAND

25	22 04 26.1	45 407	N	6.491	E	10	G			0 7	14	FRANCE. ML 2.6 (LDG)
26	00 01 58 8%	28.051	S	26.832	E	5	G			0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
26	00 03 36.4%	40.804	N	143.315	E	33	N			0.6	5	OFF EAST COAST OF HONSHU, JAPAN
26	00 27 15.8	40 209	N	29.145	E	8				0.5	9	TURKEY. ML 3 0 (ISK)
26	01 16 57 0?	40.19	N	29.18	E	5	G			0.4	4	TURKEY. ML 2 8 (ISK)
26	01 46 55.1*	21.505	S	66.870	W	220	G			0.5	6	SOUTHERN BOLIVIA
26	02 43 34.9*	21.759	S	169.847	E	33	N	4.7	4.6	0.7	12	LOYALTY ISLANDS REGION
26	02 51 16 1?	59.95	N	153.33	W	154	?			0.5	11	SOUTHERN ALASKA
26	03 02 46.9?	37.94	S	179.73	W	10	G	3	6	1.2	17	EAST OF NORTH ISLAND, N.Z. ML 3 9 (WEL).
26	03 03 37.8?	31.79	S	68.31	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
26	03 06 33.3*	23.956	S	66.828	W	221	*			1.4	7	JUJUY PROVINCE, ARGENTINA
26	03 41 39.7?	31 28	S	69.29	W	195	?			0.8	8	SAN JUAN PROVINCE, ARGENTINA
26	03 57 08 7*	30 226	S	69 655	W	120	G			1.2	6	CHILE-ARGENTINA BORDER REGION
26	05 06 52 5?	34 56	S	179 36	W	362	*	3.9		0.8	23	SOUTH OF KERMADEC ISLANDS
26	05 12 57.7	45.097	N	6.690	E	10	G			0.9	9	FRANCE ML 2.1 (LDG).
26	05 19 07.8?	38.01	S	175.85	E	220	?			0.4	18	NORTH ISLAND, NEW ZEALAND
26	05 27 39.7%	26 776	S	26.711	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
26	05 30 01.7	41 883	S	172.733	E	117	*			0.7	26	SOUTH ISLAND, NEW ZEALAND
26	05 42 17 3	54 100	N	2 597	W	10	G			0.8	47	UNITED KINGDOM. ML 3 0 (BGS). Felt in southern Cumbrio and parts of northern Yorkshire and Lancashire Counties.
26	06 15 00.7*	15.312	N	121 842	E	5	G	3.5		1.5	5	LUZON, PHILIPPINE ISLANDS
26	06 15 31.1&	40.385	N	124.293	W	13					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
26	07 27 58.2*	21.257	S	67.638	W	156	*	4.1		0.7	8	CHILE-BOLIVIA BORDER REGION
26	07 31 08.1?	14.78	S	177.77	W	147	?	4.4		1 2	34	FIJI ISLANDS REGION
26	07 44 41.7%	26.367	S	27.409	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
26	08 19 26.5?	39.11	N	27.64	E	10	G			0.8	4	TURKEY. ML 2.8 (ISK)
26	08 34 37.1?	35.03	S	72.00	W	33	N			0.9	11	CENTRAL CHILE. MD 3.9 (SAN).
26	08 59 45.1	6.339	S	155.041	E	110	*	5.0		0.9	29	SOLOMON ISLANDS
26	09 39 14.6?	39.15	N	27.57	E	10	G			0.9	4	TURKEY. ML 2.8 (ISK).
26	09 53 27.6*	12.932	S	166.172	E	33	N	4.6		1.1	16	SANTA CRUZ ISLANDS
26	10 31 57.5?	30.97	S	69.74	W	120	G			0 3	5	CHILE-ARGENTINA BORDER REGION
26	11 12 08.8	40.196	S	173.491	E	234	*			0.4	26	COOK STRAIT, NEW ZEALAND
26	12 26 24.6	45.659	N	14.228	E	10	G			0 6	7	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU), 2.0 (TRI).
26	12 46 35.7?	26.22	S	27.77	E	5	G			1 2	4	REPUBLIC OF SOUTH AFRICA
26	12 48 02.4&	34.076	N	116.348	W	2					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3 6 (PAS), 3.5 (GS). Felt (III) at White Water and Yucca Valley.
26	12 55 26.4	40.981	S	175.621	E	49	*	3	8	1.1	27	NORTH ISLAND, NEW ZEALAND
26	12 56 30.4?	31.21	S	68.29	W	110	G			0.9	5	SAN JUAN PROVINCE, ARGENTINA
26	13 30 51.5%	31 292	S	68.193	W	91	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
26	13 55 19.9	62 736	N	3.974	E	10	G	4	2	1 4	26	NORWEGIAN SEA MD 3 9 (BER). ML 3 9 (BGS)
26	14 36 35.0*	38 372	N	113.651	E	33	N	4.4		0.7	19	NORTHEASTERN CHINA
26	14 47 13.3?	62.37	N	5.04	E	10	G			0.6	5	SOUTHERN NORWAY. MD 2.3 (BER).
26	15 06 19.9	62.677	N	4.373	E	10	G	4.2		1.1	15	NORWEGIAN SEA. MD 3 8 (BER).
26	15 10 57 4?	34 05	S	72.30	W	10	G			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
26	17 05 32 8?	31 43	S	69.39	W	120	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
26	17 26 59 7&	63.029	N	150.515	W	112		3.7			89	CENTRAL ALASKA <AEIC>.
26	17 47 53.8	37 990	N	14 218	E	14		4.9		1.3	177	SICILY
26	18 07 58.7?	37 24	N	72.60	E	106	?	4.6		0.3	8	TAJIKISTAN
26	18 30 07 7*	2.117	S	100 253	E	33	N	4.9		0.8	8	SOUTHERN SUMATERA, INDONESIA
26	18 34 59 4%	27.998	S	26.902	E	5	G			0.8	10	REPUBLIC OF SOUTH AFRICA ML 3.7 (PRE).
26	19 28 00.1*	4 862	N	94.424	E	33	N	4.3		1.1	7	OFF W COAST OF NORTHERN SUMATERA
26	20 37 15.3?	38 02	N	21.33	E	10	G			1.1	4	GREECE. ML 3.3 (ATH)
26	20 42 13.2	28 695	S	176.481	W	65	?	4.7	4.5	1.4	14	KERMADEC ISLANDS REGION
26	21 29 01.4*	29 790	S	68.785	W	10	G			0.8	9	SAN JUAN PROVINCE, ARGENTINA
26	21 49 01.8?	8.11	S	125.06	E	33	N	5.0		0.6	6	TIMOR REGION, INDONESIA
26	22 05 54 2%	31 534	S	68.267	W	97	?			0.7	8	SAN JUAN PROVINCE, ARGENTINA
26	22 08 06 3	24.281	S	68.693	W	106	D	5.2		1.1	71	CHILE-ARGENTINA BORDER REGION. MD 4.8 (SAN). Felt (III) at Antofagasta, Chile.
26	22 18 33.7	39 042	N	27.996	E	10	G			0.7	7	TURKEY. ML 3.0 (ISK)
26	22 45 08.2&	62.954	N	148.230	W	69					50	CENTRAL ALASKA <AEIC>. ML 2.6 (AEIC).
27	00 01 27.1*	11.048	N	86.854	W	33	N	4.3		0.9	20	NEAR COAST OF NICARAGUA
27	00 36 34.0?	62.58	N	4.12	E	10	G			0.3	4	NORWEGIAN SEA. MD 2 4 (BER).
27	00 38 31.8%	18.104	N	66.643	W	10	G			0.9	6	PUERTO RICO REGION
27	00 56 16.1&	37.323	N	118.345	W	5					16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
27	01 02 14.5?	31.01	S	69.39	W	100	G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
27	01 11 49.6?	31.35	S	68.47	W	100	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
27	01 18 30.7%	37.945	N	14.205	E	10	G			0.6	6	SICILY ML 2.2 (ROM).
27	01 46 08.1?	62.02	N	4.72	E	10	G			0.6	4	NORWEGIAN SEA MD 2.0 (BER).
27	02 05 21.6?	30.77	S	68 98	W	31	*			1.6	6	SAN JUAN PROVINCE, ARGENTINA
27	02 12 05.9	39.053	N	28.016	E	10	G			1.0	11	TURKEY. ML 3.2 (ISK).
27	03 44 44.5?	46.32	N	0.47	W	10	G			1.6	4	FRANCE. ML 2.2 (LDG).
27	03 45 05.5?	62.37	N	4.93	E	10	G			0.3	4	NORWEGIAN SEA. MD 2.6 (BER).
27	04 10 02 6?	16.81	S	174.85	W	307	?	4.6		0.9	8	TONGA ISLANDS
27	05 04 36.1&	60.202	N	139.381	W	0					12	SOUTHEASTERN ALASKA. <AEIC>. ML 3.1 (AEIC).
27	05 22 38.0	15.950	S	72.491	W	122	D	4.5		1.0	23	SOUTHERN PERU. Felt (II) at Arequipa.
27	05 29 46 6?	31.33	S	68.63	W	102	?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
27	05 36 28 0?	45.74	N	14.09	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
27	05 43 01.8?	44.31	N	7.30	E	10	G			0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
27	05 57 51 7%	31.892	S	67.846	W	10	G			0.9	6	SAN JUAN PROVINCE, ARGENTINA
27	06 29 04 0?	31 32	S	68.63	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
27	06 34 24 0?	39 51	N	28.10	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).
27	06 48 30 7*	23 162	S	177.900	W	383	?	4.4		1 1	41	SOUTH OF FIJI ISLANDS
27	07 07 58.0%	45 864	N	22.322	E	10	G			1.3	5	ROMANIA
27	07 24 02.5?	37 13	N	3.62	W	10	G			0.5	4	SPAIN. mbLg 2.7 (MDD).
27	07 28 12 2%	26.899	S	26.849	E	5	G			0.9	7	REPUBLIC OF SOUTH AFRICA ML 2.8 (PRE).
27	08 00 17.6?	31.73	S	68.79	W	10	G			0 5	4	SAN JUAN PROVINCE, ARGENTINA
27	08 09 07.9?	31.22	S	68.28	W	90	G			0 5	4	SAN JUAN PROVINCE, ARGENTINA
27	08 31 19.1	38.621	N	69.785	E	33	N	4	8 3.8	0 8	83	TAJIKISTAN
27	09 38 33.0?	39.13	N	27.63	E	10	G			1.2	4	TURKEY. ML 2.7 (ISK)
27	09 57 20 9*	27 831	S	26.807	E	5	G			1 5	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
27	10 14 38 2	41.906	N	20.100	E	10	G			1 3	16	ALBANIA. ML 2 8 (TTG), 2.3 (TIR)
27	10 35 32.5*	4.496	S	151.765	E	167	*	5	0	1 2	14	NEW BRITAIN REGION, P.N.G.

	27	10	58	24	7%	26.267	S	27.275	E	5	G	1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2 8 (PRE).
	27	11	12	07.9?		31 19	S	68.40	W	90	G	0.3	5	SAN JUAN PROVINCE, ARGENTINA
	27	11	41	46.4		40.257	N	29.085	E	10	G	0 6	8	TURKEY. ML 3.1 (ISK).
	27	11	45	00	0&	37.958	N	122.540	W	6			6	CENTRAL CALIFORNIA. <BRK> ML 2 0 (BRK). Felt in the epicentral area.
a	27	11	56	11	0	51.246	N	158.914	E	41	D 5.6 4.8	0.9	368	NEAR EAST COAST OF KAMCHATKA Mw 5.3 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.
	27	11	56	36	3	40.330	N	29.002	E	11	*	0.7	7	TURKEY. ML 2.9 (ISK).
	27	11	58	34.4?		39.25	N	27.72	E	10	G	0.8	4	TURKEY. ML 2.9 (ISK).
	27	12	15	08.5?		30 51	S	67.80	W	33	N	1.4	6	SAN JUAN PROVINCE, ARGENTINA
	27	12	26	04.3*		45.715	N	16.024	E	10	G	0.6	10	NORTHWESTERN BALKAN REGION. ML 2.6 (ZAG), 2 6 (VIE). MD 2.9 (LJU), 2.6 (TRI). Felt (IV) at Zagreb, Croatia.
	27	12	29	27.2%		31 265	S	68.224	W	100	G	0.5	6	SAN JUAN PROVINCE, ARGENTINA
	27	13	06	00	6%	33 406	S	70.379	W	10	G	0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3 5 (SAN).
	27	13	36	32	8?	34.43	S	72.34	W	33	N	0.7	14	NEAR COAST OF CENTRAL CHILE MD 4.3 (SAN).
	27	13	41	50.2?		34.43	S	72.25	W	10	G	0.6	10	NEAR COAST OF CENTRAL CHILE MD 4.0 (SAN).
	27	13	44	26	6&	34.358	N	116.872	W	2			9	SOUTHERN CALIFORNIA. <PAS-P> ML 2 7 (PAS), 2.4 (GS).
	27	13	46	15.0		33.326	N	5.195	W	10	G	1.4	19	MOROCCO. MD 3 8 (RBA). mbLg 3 3 (MDD).
	27	15	27	09	2&	60 290	N	153.134	W	126			48	SOUTHERN ALASKA. <AEIC>
a	27	15	32	59.0		9 177	S	115.873	E	88	5.2	1.1	73	SOUTH OF BALI, INDONESIA. Mw 5 1 (HRV). Felt (III) at Kahang-Kahang. Felt at Denpasar Also felt at Mataram, Lombok.
	27	15	49	25.6%		26.207	S	28.190	E	5	G	0 9	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	27	16	04	52.8%		26.225	S	27.270	E	5	G	0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	27	16	12	24.4&		60.142	N	139.328	W	10	G		63	SOUTHEASTERN ALASKA. <PGC-P>. ML 4.1 (PGC), 4.0 (PMR), 3 8 (AEIC).
	27	16	36	04	9&	60.126	N	139.376	W	10	G		69	SOUTHEASTERN ALASKA. <PGC-P>. ML 4.4 (PGC), 4.3 (AEIC), 4.2 (PMR).
	27	16	51	27.8?		34.44	S	70.57	W	110	G	0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	17	15	31.7*		16.104	N	60.537	W	33	N	0 8	12	LEEWARD ISLANDS. ML 2.8 (FDF). MD 3.3 (TRN).
	27	17	33	44.5?		16.78	N	61.17	W	33	N	0 2	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	27	18	00	17.4		44.952	N	7.009	E	10	G	0.5	11	NORTHERN ITALY. ML 2.4 (GEN), 2.4 (LDG).
	27	18	02	10.5%		31.204	S	68.284	W	100	?	0.6	8	SAN JUAN PROVINCE, ARGENTINA
	27	18	05	59	6*	31.440	S	68.356	W	91	?	0.2	7	SAN JUAN PROVINCE, ARGENTINA
	27	19	14	42	7	43.826	N	16.963	E	10	G	1.1	67	NORTHWESTERN BALKAN REGION. ML 4.0 (ZAG), 3.9 (TIR), 3.9 (TTG), 3.8 (VIE). MD 4.2 (TRI). Felt in the Sinj area, Croatia.
	27	20	02	13	2?	31 62	S	69.37	W	120	G	0.1	5	SAN JUAN PROVINCE, ARGENTINA
	27	20	20	21.5*		53.048	S	161.106	E	33	N 4.0	1 4	9	MACQUARIE ISLANDS REGION
	27	20	41	34.1		39.821	N	20.677	E	10	G	1.0	19	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH). ML 3.2 (TIR).
	27	20	56	22.0		32.390	S	70.060	W	138	?	0.6	15	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	27	22	13	05	4?	34.41	S	70 44	W	10	G	0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	22	19	28.8?		31.52	S	68 82	W	100	G	0.1	5	SAN JUAN PROVINCE, ARGENTINA
	27	22	25	22.6		45.773	N	7 053	E	10	G	0.4	8	NORTHERN ITALY ML 2 3 (LDG).
	27	22	38	08.3?		18 37	N	65.78	W	33	N	1.0	5	PUERTO RICO REGION
	27	22	44	39.3?		18.63	N	65.50	W	33	N	0 7	7	PUERTO RICO REGION
	27	22	50	42.7&		60.164	N	152 999	W	116			40	SOUTHERN ALASKA <AEIC>
	27	23	40	50.1%		38.841	N	27.151	E	22		0.5	9	TURKEY. ML 3.3 (ISK).
	28	00	38	10.5?		31 37	S	69 48	W	120	G	0 2	5	SAN JUAN PROVINCE, ARGENTINA
	28	00	40	39.1*		31 479	S	69 472	W	134	*	0 3	11	SAN JUAN PROVINCE, ARGENTINA
	28	01	37	25	6?	31 23	S	68 22	W	100	G	0 6	4	SAN JUAN PROVINCE, ARGENTINA
	28	02	15	22	8	38.649	N	23.567	E	10	G	1.1	11	GREECE ML 3 7 (ATH).
	28	02	30	38	5%	31 922	S	67.701	W	10	G	0 8	7	SAN JUAN PROVINCE, ARGENTINA
	28	02	33	35	5&	34.145	N	116.740	W	4			7	SOUTHERN CALIFORNIA <PAS-P> ML 2.7 (PAS), 2.4 (GS).
	28	02	50	26	8?	31.41	S	68.68	W	100	G	0.5	5	SAN JUAN PROVINCE, ARGENTINA
	28	03	25	38	6	43 018	N	4 799	W	10	G	0 8	24	SPAIN ML 3.5 (LDG) mbLg 3 2 (MDD).
	28	03	50	14	5?	7 59	S	119.49	E	33	N 4 9	1.4	8	FLORES SEA
	28	03	59	15	7?	31 05	S	68.57	W	100	G	0 1	4	SAN JUAN PROVINCE, ARGENTINA
	28	04	25	18	0&	59 608	N	153 919	W	132			32	SOUTHERN ALASKA. <AEIC>.
	28	04	53	58	0*	15 952	S	173 898	W	27	D 5 1	0.9	55	TONGA ISLANDS
	28	05	08	06.6		43 336	S	172 001	E	55	?	0 7	24	SOUTH ISLAND, NEW ZEALAND
	28	05	26	35	4&	60.102	N	152 600	W	92			47	SOUTHERN ALASKA. <AEIC>.
	28	05	46	01	0*	13 873	N	146.269	E	70	* 4 4	1 0	25	SOUTH OF MARIANA ISLANDS
	28	05	47	54	3%	28.109	S	26.901	E	5	G	0 5	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	28	07	10	47.0?		31.49	S	67.97	W	98	?	0.2	5	SAN JUAN PROVINCE, ARGENTINA
	28	07	14	24	3%	33 468	S	70.447	W	30		0 5	9	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	28	07	18	30.6%		31 323	S	67.585	W	10	G	0.8	6	SAN JUAN PROVINCE, ARGENTINA
	28	07	31	29.4		45 337	S	167.225	E	172	*	0.2	17	SOUTH ISLAND, NEW ZEALAND
a	28	07	39	53	9*	28.787	S	176 620	W	51	? 4 9 5.3	1.2	48	KERMADEC ISLANDS REGION. Mw 5.5 (HRV) Mo=3.6*10**17 Nm (PPT).
	28	08	06	30.7%		15.343	N	60 759	W	30		0.3	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	28	08	08	36.5*		14.129	N	93.766	E	33	N 4.8	1.3	11	ANDAMAN ISLANDS, INDIA
	28	08	28	36	9%	44 763	N	6 500	E	10	G	0.7	6	FRANCE
	28	08	48	25	3?	31.11	N	49.90	E	33	N 4 2	1 1	6	WESTERN IRAN
	28	09	34	25.3?		39.72	N	29.48	E	10	G	0.3	4	TURKEY. ML 2.8 (ISK).
	28	09	35	13	4?	39.10	N	27.62	E	10	G	0.5	4	TURKEY. ML 2.9 (ISK).
	28	09	39	09	6	44.195	N	6.967	W	10	G	0.6	33	NORTH ATLANTIC OCEAN. mbLg 3.3 (MDD).
	28	09	43	05.7?		46.44	N	1.51	E	10	G	0.1	4	FRANCE. ML 2.2 (LDG).
	28	09	58	20.2?		39.26	N	27.65	E	10	G	0.4	4	TURKEY. ML 2.8 (ISK).
	28	11	49	41.0?		35.19	S	178.61	E	214	-? 0.7	13	OFF E. COAST OF N. ISLAND, N.Z.
	28	11	57	07	8?	31.21	S	68.93	W	90	G	0.3	5	SAN JUAN PROVINCE, ARGENTINA
	28	12	08	34.4*		14.413	N	92.672	W	73	4.4	0 9	34	NEAR COAST OF CHIAPAS, MEXICO
	28	12	17	35	0?	39.10	N	27.69	E	10	G	0 5	4	TURKEY ML 2.8 (ISK).
	28	12	37	26.1&		47.611	N	122.974	W	46			68	WASHINGTON <SEA-P> MD 2 9 (SEA).
	28	12	56	54.6?		60.71	N	5.57	E	10	G	0.4	4	SOUTHERN NORWAY. MD 1 5 (BER)
	28	13	23	34	0?	31.16	S	68.98	W	100	G	0 7	4	SAN JUAN PROVINCE, ARGENTINA
	28	13	35	31	1%	26.902	S	26.787	E	5	G	0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2 1 (PRE).
	28	13	55	18.7*		31.357	S	68.758	W	102	?	0.4	8	SAN JUAN PROVINCE, ARGENTINA
	28	14	20	19	2	28 886	N	139.523	E	401	D 4.8	0.9	135	BONIN ISLANDS REGION
	28	14	53	14	6*	31 242	S	68.318	W	115	*	0 7	9	SAN JUAN PROVINCE, ARGENTINA
	28	15	07	11	9%	39 284	N	27.706	E	10	G	0 4	5	TURKEY ML 2.8 (ISK)
	28	16	16	35	7%	18.201	N	66.630	W	33	N	0.7	7	PUERTO RICO REGION

	28	16	31	55.8	19	584	S	177.781	W	560	?	4 8		1 2	64 FIJI ISLANDS REGION
	28	17	14	01.7	38	718	N	27 364	E	10	G			0 2	6 TURKEY ML 3.0 (ISK)
	28	18	30	19 6%	26	949	S	26.726	E	5	G			0 7	9 REPUBLIC OF SOUTH AFRICA. ML 3 4 (PRE).
	28	18	31	19.7?	31	44	S	69 30	W	120	G			0 1	5 SAN JUAN PROVINCE, ARGENTINA
	28	19	09	58.2	63	307	N	151 163	W	10	G			0 9	44 CENTRAL ALASKA ML 3.1 (PMR), 2.7 (AEIC).
	28	20	28	46.0&	58	975	N	151 076	W	17					76 KODIAK ISLAND REGION <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
	28	20	30	12.2%	61	412	N	5 757	E	10	G			0 5	6 SOUTHERN NORWAY MD 2.1 (BER).
	28	21	02	47.1•	31	299	S	177.543	W	33	N	5 1		1 2	14 KERMADEC ISLANDS REGION
	28	21	09	27 5	44	511	N	6.931	E	10	G			0 3	13 FRANCE ML 2 5 (GEN).
	28	21	37	57 4?	31	81	S	68.26	W	10	G			0.2	4 SAN JUAN PROVINCE, ARGENTINA
	28	21	41	50.1?	9	10	S	156 10	E	33	N	4.1		0.4	5 SOLOMON ISLANDS
	28	21	48	11.5•	5	050	N	94.237	E	33	N	4.7		1.2	12 NORTHERN SUMATERA, INDONESIA
	28	22	01	36.2•	44	339	N	23 148	E	33	N			1.3	10 ROMANIA
	28	22	38	49.1•	30	968	S	72 251	W	120	G			0.9	18 OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	28	23	15	15.6%	31	226	S	68.415	W	118	?			0.5	7 SAN JUAN PROVINCE, ARGENTINA
a	28	23	33	52.9•	62	922	S	159.578	W	10	G	5.1 5.4		1.2	26 PACIFIC-ANTARCTIC RIDGE. Mw 5.5 (HRV).
	28	23	35	39.7	0	947	N	126 470	E	33	N	4.8		0.9	17 NORTHERN MOLUCCA SEA
	28	23	43	32.2&	34	146	N	116 421	W	6					9 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS). Felt.
	29	00	41	46.4?	31	52	S	69 34	W	120	G			0.2	5 SAN JUAN PROVINCE, ARGENTINA
	29	00	45	58.1?	59	24	N	1 76	E	10	G			0.3	9 NORTH SEA. MD 2.9 (BER).
	29	00	54	48.8?	26	47	S	27.40	E	5	G			1.6	4 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	29	01	04	18.2?	31	76	S	69 45	W	110	G			0.3	6 SAN JUAN PROVINCE, ARGENTINA
	29	01	29	25.5&	61	436	N	146.201	W	35					29 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	01	50	58.7•	13	986	N	146.436	E	58	•	4.8		1.1	39 SOUTH OF MARIANA ISLANDS
	29	01	53	46.5•	1	066	N	126.428	E	33	N	5.0		0.8	16 NORTHERN MOLUCCA SEA
	29	02	38	04.1%	38	031	N	14.129	E	10	G			0.6	8 SICILY. ML 2.6 (ROM).
	29	02	49	42.0	59	384	N	144.792	W	10	G			0.6	20 GULF OF ALASKA. ML 2.5 (AEIC).
	29	02	58	55.2?	29	06	S	67.39	W	150	G			0.4	9 LA RIOJA PROVINCE, ARGENTINA
	29	03	01	42.9?	19	31	N	67.49	W	10	G			0.3	8 MONA PASSAGE
	29	03	31	36.3?	31	26	S	68.68	W	90	G			0.5	5 SAN JUAN PROVINCE, ARGENTINA
a	29	03	46	10.0	11	026	S	118.385	E	40	D	5.5		1.1	122 SOUTH OF SUMBAWA, INDONESIA. Mw 5.3 (HRV).
	29	03	47	58.1%	18	868	N	67.133	W	30	•			0.5	8 MONA PASSAGE
	29	04	14	52.6	1	903	S	145.704	E	33	N	4.9 4 5		1 0	19 ADMIRALTY ISLANDS REGION, P.N.G.
	29	04	35	49.6•	53	087	N	170.694	E	33	N	4.7 4.3		1.1	38 NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
	29	04	37	10.8	35	116	N	27.067	E	24		4.9 4.6		1 3	222 DODECANESE ISLANDS. MD 5.0 (ATH), 4.6 (HLW).
	29	04	45	21.1	51	274	N	159.080	E	33	N	5 3 4.7		1 0	242 OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	29	04	59	01.7%	30	769	S	68.818	W	90	G			0 4	6 SAN JUAN PROVINCE, ARGENTINA
	29	05	24	36.5	32	739	S	71.571	W	25				0 8	16 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
a	29	07	07	11.5	60	437	S	152.775	E	10	G	4 8 5 8		1 2	37 WEST OF MACQUARIE ISLAND. Mw 6 4 (HRV). Mo=3.0•10••18 Nm (PPT)
	29	07	59	01.2%	60	549	N	5 091	E	10	G			0 1	5 SOUTHERN NORWAY MD 1 6 (BER).
	29	08	09	56.3	31	666	S	71 836	W	32		4 9		1 2	52 NEAR COAST OF CENTRAL CHILE MD 4.9 (SAN).
	29	08	40	11.1	34	758	N	23 937	E	54	•	4 4		1 4	33 CRETE MD 4 2 (HLW), 4 0 (ATH)
	29	09	07	57.7?	39	33	N	27 56	E	10	G			1 1	4 TURKEY ML 2 7 (ISK).
	29	09	13	52.5%	39	225	N	29.134	E	10	G			0.6	6 TURKEY ML 2.8 (ISK).
	29	09	17	48.6%	33	322	S	70.583	W	10	G			1 0	6 CHILE-ARGENTINA BORDER REGION
	29	09	29	13.6•	34	490	N	23.755	E	33	N			1.2	13 CRETE. MD 3.8 (ATH).
	29	09	40	59.6%	38	911	N	27 812	E	10	G			0 5	5 TURKEY ML 2 8 (ISK).
	29	10	00	55.2•	8	141	S	127 370	E	76	?	4 8		1.4	16 TIMOR REGION, INDONESIA
	29	10	05	26.3•	8	563	S	79.262	W	70	D	4 7		0.9	25 NEAR COAST OF NORTHERN PERU. Felt (IV) at Trujillo and (III) at Chimbote.
	29	10	10	48.2%	39	288	N	27.596	E	10	G			0.6	5 TURKEY. ML 2.8 (ISK).
	29	10	20	09.7	0	773	S	133 624	E	14		4.9		1 0	38 IRIAN JAYA REGION, INDONESIA
	29	10	28	08.4?	39	63	N	29.40	E	10	G			0.3	4 TURKEY. ML 2.7 (ISK).
	29	11	04	15.3	47	815	N	7.984	E	10	G			0.8	12 SWITZERLAND. ML 2.5 (LDG).
	29	12	02	02.9%	27	066	S	26.881	E	5	G			1 2	7 REPUBLIC OF SOUTH AFRICA ML 3.2 (PRE).
	29	12	59	37.9%	26	361	S	27.437	E	5	G			0.9	6 REPUBLIC OF SOUTH AFRICA. ML 2 8 (PRE).
	29	13	18	22.9%	26	384	S	27.472	E	5	G			0 9	6 REPUBLIC OF SOUTH AFRICA. ML 2 4 (PRE).
	29	13	21	07.3?	26	37	S	27.49	E	5	G			0.8	4 REPUBLIC OF SOUTH AFRICA. ML 2 9 (PRE).
	29	14	02	10.7?	18	69	S	168.36	E	249	?	4.1		0.1	6 VANUATU ISLANDS
	29	15	00	33 4%	39	532	N	29.955	E	10	G			0.7	5 TURKEY. ML 2.7 (ISK).
	29	15	03	27.3?	31	23	S	69.20	W	86	?			0 2	5 SAN JUAN PROVINCE, ARGENTINA
	29	15	25	15.8	31	266	S	68.630	W	109				0 9	22 SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	29	16	19	45.8%	33	526	S	71.907	W	23				0.3	11 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	29	17	24	51 9?	28	10	N	138.73	E	525	•	4.0		0.8	14 BONIN ISLANDS REGION
	29	17	33	22.3?	31	21	S	67 61	W	10	G			0.9	6 SAN JUAN PROVINCE, ARGENTINA
	29	18	30	40.1	16	847	N	61.978	W	33	N			0.7	7 LEEWARD ISLANDS. ML 2.9 (FDF).
	29	18	46	49.1	40	585	N	19 552	E	10	G			1.0	9 ALBANIA. ML 2.9 (TIR).
	29	19	00	42.8?	40	18	N	29 16	E	10	G			0.5	4 TURKEY. ML 2.6 (ISK).
	29	19	04	00.5	28	825	N	43.599	W	10	G	5.0 4.8		1.0	132 NORTHERN MID-ATLANTIC RIDGE
	29	19	18	48.2•	50	598	N	18 873	E	10	G			0.9	6 POLAND. ML 3.2 (WAR).
	29	19	22	07 7%	38	077	N	14 116	E	10	G			0.5	7 SICILY. ML 2.8 (ROM).
	29	21	22	04.5	0	696	S	131 429	E	10	G	4.9		0.9	36 IRIAN JAYA REGION, INDONESIA. Felt (V) at Sorang.
	29	21	26	41 8&	60	096	N	139 440	W	10					17 SOUTHEASTERN ALASKA. <PGC-P>. ML 3.0 (PGC), 3.2 (AEIC).
	29	22	00	05.4&	60	070	N	139 283	W	10	G				11 SOUTHEASTERN ALASKA. <PGC-P>. ML 2.1 (PGC).
	29	22	36	26.3%	30	603	S	67 362	W	60	G			1.0	10 SAN JUAN PROVINCE, ARGENTINA
	29	23	18	56.7&	61	372	N	151 757	W	85					79 SOUTHERN ALASKA. <AEIC>.
	29	23	46	14.2	33	490	S	70.267	W	104	•			0.5	17 CHILE-ARGENTINA BORDER REGION. MD 3 8 (SAN).
	29	23	50	20.1?	31	66	S	68 80	W	100	G			0.4	4 SAN JUAN PROVINCE, ARGENTINA
	30	00	04	10 6%	38	817	N	15 833	E	117	?			1.1	10 SICILY
	30	00	11	39.6&	58	395	N	154 747	W	0					19 ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
	30	00	12	31.0?	14	34	S	176.09	W	13	D	4.7 4 5		1.1	19 FIJI ISLANDS REGION
	30	00	29	53.3•	51	571	N	16 222	E	10	G			0.5	13 POLAND ML 3.5 (VIE), 3.3 (GRF).
	30	01	36	23.8?	0	23	S	16 52	W	10	G	4 5		1.3	30 NORTH OF ASCENSION ISLAND
	30	02	14	49 0?	29	35	N	57 06	E	33	N	4 2		0 9	18 SOUTHERN IRAN
	30	02	34	43 6%	44	542	N	7 195	E	10	G			0.4	9 NORTHERN ITALY ML 2.1 (GEN).
	30	03	15	53.7•	35	754	N	24 367	E	10	G			1.5	5 CRETE MD 3.4 (ATH).
	30	03	18	05.3&	35	009	N	116 960	W	0					27 CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt.
	30	03	34	26.4?	31	20	S	68 59	W	100	G			0 4	4 SAN JUAN PROVINCE, ARGENTINA
	30	03	59	21.9	51	420	N	16 084	E	21		4 5		0.9	80 POLAND ML 4.6 (WAR), 4.6 (GRF), 4 5 (FUR), 4.5 (VIE).
	30	04	14	06.7%	44	581	N	8.060	E	10	G			0 2	6 NORTHERN ITALY. ML 1.9 (GEN).

	30	04 29 00.8%	26.769	S	26 750	E	5	G		1 1	6	REPUBLIC OF SOUTH AFRICA. ML 2 2 (PRE).
	30	04 37 11.4*	32.761	S	71.969	W	18			1.1	19	NEAR COAST OF CENTRAL CHILE. MD 4 2 (SAN).
	30	05 03 49.3*	26.428	S	70 720	W	57	?		0.9	9	NEAR COAST OF NORTHERN CHILE
	30	05 59 45.8?	52.54	N	1 55	W	10	G		0.8	6	UNITED KINGDOM
	30	06 07 47.3?	44 23	N	9.53	E	10	G		0.3	7	NORTHERN ITALY ML 2 1 (GEN)
	30	06 17 55.8&	58.628	N	156.088	W	164		4 4		94	ALASKA PENINSULA <AEIC>.
	30	06 24 20.6%	31.279	S	67.764	W	10	G		1 1	6	SAN JUAN PROVINCE, ARGENTINA
	30	06 28 03.6%	42 478	N	19.458	E	10	G		0 4	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	30	06 50 57.8	42 985	N	105.373	W	5	G		1 0	8	WYOMING. ML 3.0 (GS).
	30	07 15 51.1?	34 91	S	69.06	W	120	G		0 4	5	CHILE-ARGENTINA BORDER REGION
	30	08 17 38.8%	39.151	N	27.534	E	10	G		0.4	5	TURKEY. ML 2.7 (ISK).
	30	09 01 28 2%	39.258	N	27.720	E	10	G		0.3	5	TURKEY. ML 2.8 (ISK).
	30	09 15 14 6%	39 073	N	27.639	E	10	G		0.8	5	TURKEY. ML 2.8 (ISK).
	30	10 15 30.1?	26.84	S	26.70	E	5	G		1.0	4	REPUBLIC OF SOUTH AFRICA
	30	10 40 29 0*	7.177	S	120.272	E	586	?	4.9	0.5	16	FLORES SEA
	30	11 18 37.7%	39.275	N	27.676	E	10	G		0.6	5	TURKEY. ML 2.8 (ISK).
	30	11 51 24 9?	39.13	N	27.60	E	10	G		1.3	4	TURKEY. ML 2.7 (ISK).
	30	12 33 23.9?	47.33	N	11.81	E	10	G		0.4	4	AUSTRIA ML 1.5 (VIE).
	30	13 28 27.0?	44 50	N	7 29	E	10	G		0.2	4	NORTHERN ITALY. ML 1.9 (GEN).
	30	15 03 54.9*	50.425	N	18.901	E	10	G		0.6	5	POLAND. ML 3.0 (WAR).
	30	15 29 25.2&	59.910	N	148.762	W	13				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2 8 (AEIC).
	30	15 40 20.8%	26.411	S	27.341	E	5	G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	30	16 56 11.3%	33.149	S	70.316	W	10	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	30	18 16 42 9&	33.920	N	116.881	W	11				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	30	18 25 18.7&	59.862	N	153.292	W	125				36	SOUTHERN ALASKA. <AEIC>.
	30	18 34 05.4&	60.079	N	153.600	W	161				44	SOUTHERN ALASKA. <AEIC>.
	30	18 49 34 8%	61.253	N	6.966	E	10	G		0.1	6	SOUTHERN NORWAY MD 2.0 (BER).
	30	19 12 53.9%	61.291	N	6.963	E	10	G		0 1	7	SOUTHERN NORWAY. MD 2.2 (BER).
	30	20 16 39 9%	32.333	S	66.795	W	100	G		1 2	7	SAN LUIS PROVINCE, ARGENTINA
	30	20 34 31.1*	37.278	S	176.425	E	445		4.9	0.8	57	NORTH ISLAND, NEW ZEALAND
	30	20 37 40.5&	62.851	N	149.680	W	90				54	CENTRAL ALASKA. <AEIC>.
	30	20 46 12.2&	60.107	N	153.471	W	153				46	SOUTHERN ALASKA. <AEIC>.
	30	21 12 45.8?	31.58	S	69.16	W	110	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	30	21 22 24.6%	33.982	S	70.117	W	10	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	30	23 05 36.6	35.214	N	53.610	E	33	N	4.6 4.4	1.2	71	NORTHERN IRAN
f	30	23 47 33.9	20.836	S	172.957	E	13	G	5.9 6.7	1.3	270	VANUATU ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Mo=2 6*10**19 Nm (PPT) Depth from broadband displacement seismagroms.

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

01 07 27 50.54 40.178N 142 477E 48km
5.1mb (71 obs.) 4 5Msz (6 obs)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 10C
Centroid Location:
Origin Time 07.27.48.2 1.0
Lat 40.28N 0.12 Lon 142.98E 0 22
Dep 59.313.0 Half-duration 1 0
Principal Axes.
Scale 10**16 Nm
T Val= 3 43 Plg=20 Azm=183
N 1 04 27 284
P -4 47 55 61
Best Double Couple Mo=4.0*10**16
NP1:Strike=236 Dip=34 Slip=-143
NP2: 114 70 -61

01 15 53 47 11 45 711S 77 211W 33km
5.3mb (17 obs.) 5 4Msz (31 obs.)
OFF COAST OF SOUTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, **C
Centroid Location:
Origin Time 15 53 51.4 0.1
Lat 46 00S 0 02 Lon 77 64W 0 03
Dep 15 0 FIX Half-duration 2.5
Principal Axes
Scale 10**17 Nm
T Val= 10 02 Plg=23 Azm= 34
N -1 61 67 217
P -8 41 1 125
Best Double Couple Mo=9 2*10**17
NP1:Strike=172 Dip=73 Slip= 16
NP2: 77 75 162

02 03 00 18 42 46 471S 33.954E 10km
5 6mb (42 obs) 5 5Msz (32 obs)
PRINCE EDWARD ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P B.: 47S, 98C
Centroid Location
Origin Time 03.00 23.5 0.1
Lat 46 26S 0.02 Lon 34 10E 0 03
Dep 15.0 FIX Half-duration 2 0
Principal Axes
Scale 10**17 Nm
T Val= 6.36 Plg=14 Azm=332
N -0.78 72 114
P -5.58 11 239
Best Double Couple:Mo=6.0*10**17
NP1:Strike= 15 Dip=72 Slip= 177
NP2: 106 87 18

02 08 27 19.18 51.513N 178 744W 33km
5.6mb (102 obs.) 5 4Msz (53 obs)
ANDREANOF ISLANDS, ALEUTIAN IS
CENTROID, MOMENT TENSOR (HRV)
Data Used. GDSN
L.P.B. 46S, **C
Centroid Location:
Origin Time 08:27:22.7 0.2
Lat 51 45N 0.02 Lon 178.28W 0 03
Dep 40.0 BDY Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 5.17 Plg=72 Azm=301
N -0.06 9 58
P -5.11 16 150
Best Double Couple Mo=5.1*10**17
NP1:Strike=253 Dip=30 Slip= 108
NP2: 53 62 80

03 09 38 25 68 14.841S 167.299E 152km
5.9mb (73 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, **C
Centroid Location:
Origin Time 09:38:30.1 0.1
Lat 14 71S 0.02 Lon 167.26E 0.01
Dep 143.6 0.5 Half-duration 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.40 Plg=31 Azm= 97
N 0.14 24 351
P -1.54 49 230
Best Double Couple Mo=1.5*10**18
NP1 Strike=237 Dip=26 Slip= -22
NP2: 347 80 -115

03 20 16 26 71 9 595N 126 512E 56km
5.2mb (49 obs.) 5 4Msz (21 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B 43S, 76C
Centroid Location.
Origin Time 20:16:28.0 0.2
Lat 9.54N 0.03 Lon 127.08E 0.02
Dep 30.7 1.7 Half-duration 1 6
Principal Axes:
Scale 10**17 Nm
T Val= 2.87 Plg=71 Azm=280
N 0.21 2 183
P -3 08 18 92
Best Double Couple.Mo=3.0*10**17
NP1 Strike=178 Dip=27 Slip= 85
NP2. 4 63 93

04 01 32 11 10 19 035N 26.395W 10km
5 2mb (100 obs.) 4.9Msz (31 obs.)
NORTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 17S, 22C
Centroid Location:
Origin Time 01:32:15.2 0.7
Lat 19.29N 0.07 Lon 26.41W 0 06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 9.24 Plg= 0 Azm=192
N 0.92 90 180
P -10.15 0 102
Best Double Couple.Mo=9.7*10**16
NP1:Strike=237 Dip=90 Slip=-180
NP2: 327 90 0

04 03 06 35.39 11.799N 142 493E 25km
5.6mb (68 obs) 5 5Msz (39 obs)
SOUTH OF MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 58C
Centroid Location:
Origin Time 03:06.40.8 0 3
Lat 11.89N 0.05 Lon 142 54E 0 04
Dep 20.0 BDY Half-duration 1.4
Principal Axes.
Scale 10**17 Nm
T Val= 3.33 Plg=52 Azm=359
N 0 03 3 93
P -3 36 37 186
Best Double Couple:Mo=3.3*10**17
NP1 Strike=297 Dip= 8 Slip= 114
NP2: 93 82 87

04 10 49 33 65 3.734N 128.497E 20km

5.9mb (78 obs) 5 8Msz (57 obs.)
NORTH OF HALMAHERA, INDONESIA
FAULT PLANE SOLUTION P-Waves
NP1 Strike=220 Dip=63 Slip= 135
NP2 334 51 36
Principal Axes:
T Plg=50 Azm=181
P 7 280
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 1.4±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 40 No. of sta 19
Principal Axes:
Scale 10**17 Nm
T Val= 9.70 Plg=73 Azm=135
N -0 29 4 31
P -9.41 17 299
Best Double Couple Mo=9.6*10**17
NP1 Strike= 22 Dip=29 Slip= 81
NP2 213 62 95
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B 44S, 95C
Centroid Location.
Origin Time 10.49 43.0 0 2
Lat 4.07N 0.02 Lon 128 55E 0.02
Dep 46.6 1 2 Half-duration 2.4
Principal Axes:
Scale 10**18 Nm
T Val= 1 00 Plg=87 Azm=283
N 0 32 0 193
P -1 33 3 103
Best Double Couple:Mo=1.2*10**18
NP1 Strike=193 Dip=42 Slip= 90
NP2 13 48 90

04 11 24 54 71 1 227N 123 310E 27km
5 4mb (49 obs) 5 4Msz (3 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 11.24 56 6 0.9
Lat 1 61N 0 10 Lon 122 80E 0.12
Dep 17.7 6.8 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 1.85 Plg=60 Azm=103
N -0.62 28 262
P -1.24 9 357
Best Double Couple.Mo=1.5*10**17
NP1:Strike=116 Dip=44 Slip= 133
NP2. 244 60 57

05 22 12 20.36 29 998S 177 047W 33km
5 0mb (9 obs.) 4.6Msz (3 obs)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L P.B 21S, 32C
Centroid Location:
Origin Time 22 12:25.8 1.6
Lat 29 72S 0.0B Lon 176 92W 0.12
Dep 15 0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6 09 Plg=73 Azm=280
N 0 86 0 11
P -6 95 17 102
Best Double Couple Mo=6.5*10**16
NP1:Strike=192 Dip=28 Slip= 91
NP2: 11 62 89

06 06 18 42 78 24 567S 175 857W 33km
5 2mb (19 obs.) 4 8Msz (2 obs.)
SOUTH OF TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B . 12S, 16C
Centroid Location:
Origin Time 06 18:43.1 1 1
Lat 24 59S 0 20 Lon 175.22W 0 12
Dep 26.1 8 5 Half-duration 1 0
Principal Axes:
Scale 10**16 Nm
T Val= 5.63 Plg=63 Azm=325
N -0.74 8 220
P -4.89 26 126
Best Double Couple:Mo=5.3*10**16
NP1:Strike=199 Dip=20 Slip= 68
NP2: 43 71 98

06 09 18 29.03 24.509S 175.928W 29km
5.4mb (29 obs.) 5.2Msz (35 obs.)
SOUTH OF TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 68C
Centroid Location:
Origin Time 09:18:32.3 0.3
Lat 24.55S 0.04 Lon 175.37W 0.03
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.14 Plg=64 Azm=321
N 0.35 12 205
P -2.50 23 110
Best Double Couple:Mo=2.3*10**17
NP1:Strike=177 Dip=24 Slip= 59
NP2: 30 69 103

06 13 23 20 86 15 823N 146 595E 14km
6.0mb (106 obs) 6 6Msz (68 obs.)
MARIANA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1 Strike= 9 Dip=75 Slip= 60
NP2: 255 33 152
Principal Axes:
T Plg=51 Azm=245
P 24 122
Comment. The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate right-laterol strike-slip component The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 21 Focal mech. F
Energy 6 3±1.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 33
Principal Axes.
Scale 10**18 Nm
T Val= 6 20 Plg=61 Azm=220
N 0.11 24 1
P -6.31 16 98
Best Double Couple.Mo=6.3*10**18
NP1:Strike=219 Dip=35 Slip= 134
NP2: 349 65 64
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C
Centroid Location:
Origin Time 13:23 28.0 0.1
Lat 15 57N 0.01 Lon 147 23E 0 01
Dep 15 0 FIX Half-duration 4.2
Principal Axes
Scale 10**18 Nm
T Val= 5.28 Plg=65 Azm=245
N -0.21 11 0
P -5.07 22 95
Best Double Couple:Mo=5.2*10**18
NP1:Strike=205 Dip=25 Slip= 118
NP2: 356 68 78

07 07 49 35.11 35.972N 141.529E 36km
5.6mb (114 obs.) 5.5Msz (41 obs)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 86C
Centroid Location:
Origin Time 07:49:38 4 0.2
Lat 35.88N 0.02 Lon 141.63E 0.03
Dep 19.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.65 Plg=62 Azm=268
N 0.66 9 17
P -5.31 26 111
Best Double Couple.Mo=5.0*10**17
NP1:Strike=222 Dip=21 Slip= 117
NP2: 13 71 80

07 13 14 38 51 35 286N 141 900E 11km
5 3mb (64 obs.) 4 9Msz (24 obs)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 13:14.39.3 0.7
Lat 35.24N 0.13 Lon 141.27E 0.14
Dep 15 0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.10 Plg=40 Azm=287
N 0.27 4 20
P -1.37 50 115
Best Double Couple:Mo=1.2*10**17
NP1.Strike=344 Dip= 7 Slip=-127
NP2 201 85 -86

08 13 03 36.48 51.218N 157.829E 71km
6.4mb (122 obs.) 7.3Msz (44 obs.)
NEAR EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 40 Dip=58 Slip= 80
NP2: 238 33 106
Principal Axes:
T Plg=75 Azm=282
P 12 137
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 36 Focal mech. F
Energy 2.5±0 2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 86 No. of sta: 12
Principal Axes
Scale 10**19 Nm
T Val= 5.42 Plg=77 Azm=302
N -0 12 4 52
P -5.31 12 143
Best Double Couple Mo=5 4*10**19
NP1.Strike=239 Dip=33 Slip= 98
NP2: 50 57 85
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L P.B : 51S, **C M.W. 44S, **C
Centroid Location:
Origin Time 13.03 57.4 0.1
Lat 51 36N 0.01 Lon 158.75E 0.01
Dep 45.9 0 2 Half-duration 13.4
Principal Axes.
Scale 10**20 Nm
T Val= 1.99 Plg=73 Azm=323
N 0.06 5 216
P -2.05 16 125
Best Double Couple:Mo=2.0*10**20
NP1:Strike=207 Dip=29 Slip= 79
NP2: 39 61 96

08 23 17 41.44 31 560S 69.234W 113km
6 5mb (91 obs.)
SAN JUAN PROVINCE, ARGENTINA
FAULT PLANE SOLUTION. P-Waves
NP1 Strike=215 Dip=55 Slip= -70
NP2 3 40 -116
Principal Axes:
T Plg= 8 Azm=291
P 72 176
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with o moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 1.1±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 131 No. of sta: 23
Principal Axes:
Scale 10**18 Nm
T Val= 3.55 Plg= 1 Azm=312
N -0.17 11 222
P -3.38 79 47
Best Double Couple Mo=3.5*10**18
NP1.Strike= 53 Dip=45 Slip= -75
NP2: 211 47 -105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 53S, **C M.W.: 1S, 1C
Centroid Location.

Origin Time 23.17.47.1 0.1
Lat 31 62S 0.01 Lon 69 13W 0.02
Dep 124.5 0 6 Half-duration 3.5
Principal Axes:
Scale 10**18 Nm
T Val= 3.29 Plg= 4 Azm=313
N -0.27 3 44
P -3.02 85 172
Best Double Couple Mo=3.2*10**18
NP1 Strike= 40 Dip=41 Slip= -95
NP2: 226 49 -86

10 12 04 56.41 51.170N 159 097E 21km
5 5mb (93 obs.) 5 2Msz (14 abs)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B . 34S, 62C
Centraid Location.
Origin Time 12:04:59.4 0.4
Lat 50 74N 0.05 Lan 159.83E 0.06
Dep 20.2 2.0 Half-duratian 1 3
Principal Axes:
Scale 10**17 Nm
T Val= 1 30 Plg=72 Azm=349
N 0.10 11 223
P -1.40 14 130
Best Dauble Cauple Mo=1.4*10**17
NP1:Strike=205 Dip=32 Slip= 69
NP2: 49 60 103

10 12 58 59.49 51.115N 159.272E 16km
5 8mb (113 abs.) 5.1Msz (31 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 31S, 51C
Centroid Location:
Origin Time 12:59: 2.4 0 4
Lat 50.78N 0.04 Lan 159.98E 0.05
Dep 26.2 2.0 Half-duration 1 3
Principal Axes:
Scale 10**17 Nm
T Val= 1 36 Plg=74 Azm=354
N 0.16 11 222
P -1.52 12 130
Best Double Couple Mo=1.4*10**17
NP1.Strike=206 Dip=35 Slip= 71
NP2: 49 58 103

10 17 48 38.30 24.353S 176 082W 34km
5 7mb (50 abs.) 5.4Msz (45 obs)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 56C
Centraid Location:
Origin Time 17:48:41 7 0 7
Lat 24 62S 0.03 Lan 175.47W 0.05
Dep 30 0 FIX Half-duratian 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.04 Plg=70 Azm=308
N 0.46 7 200
P -3.49 19 107
Best Double Couple.Ma=3.3*10**17
NP1:Strike=186 Dip=26 Slip= 75
NP2: 23 64 97

12 05 45 21.21 11.140S 162 937E 15km
5 5mb (49 obs.) 6.1Msz (49 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION. P-Waves
NP1 Strike=113 Dip=67 Slip= 90
NP2 293 23 90
Principal Axes
T Plg=68 Azm= 23
P 22 203
Comment: The facal mechanism is poorly controlled and carresponds ta reverse faulting The preferred fault plane is NP2
RADIATED ENERGY
No of sta: 12 Focal mech. F
Energy 3 0±0 5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. af sta: 30
Principal Axes
Scale 10**18 Nm
T Val= 1 37 Plg=46 Azm= 26
N 0 02 23 270
P -1 39 35 162

Best Double Couple Mo=1.4*10**18
NP1 Strike=195 Dip=24 Slip= 14
NP2 92 84 113
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L P B : 49S, **C
Centroid Location
Origin Time 05 45:27.9 0.1
Lat 10.90S 0 02 Lon 163 28E 0.02
Dep 17 0 BDY Half-duration 2.4
Principal Axes
Scale 10**17 Nm
T Val= 12 00 Plg=65 Azm= 3
N -0 31 1 271
P -11.68 25 180
Best Double Couple Mo=1.2*10**18
NP1:Strike=268 Dip=20 Slip= 87
NP2: 91 70 91

12 07 01 59.88 5.609S 148.095E 157km
5.7mb (65 abs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=105 Dip=55 Slip= -90
NP2. 285 35 -90
Principal Axes:
T Plg=10 Azm=195
P 80 15
Comment: The focal mechanism is poorly cantralled and carresponds ta normal faulting. The preferred fault plane is nat determined.
RADIATED ENERGY
No. of sta 10 Focal mech F
Energy 2.3±0 7*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L P.B : 35S, 57C
Centroid Location.
Origin Time 07 02 4 5 0 5
Lat 5 56S 0.04 Lon 148.33E 0.04
Dep 162 7 1 3 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3 84 Plg=10 Azm=222
N 0 74 12 129
P -4 58 74 351
Best Double Couple Mo=4.2*10**17
NP1.Strike=326 Dip=36 Slip= -69
NP2. 121 56 -105

12 11 15 07.47 13 250N 87 528W 218km
5.4mb (98 obs)
HONDURAS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B : 47S, **C
Centroid Locatian:
Origin Time 11:15:12.7 0.2
Lat 13.26N 0.01 Lon 87.60W 0.02
Dep 208.3 0.7 Half-durotion 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 7.23 Plg=58 Azm= 63
N -0.59 8 319
P -6.64 31 224
Best Double Couple.Mo=6.9*10**17
NP1:Strike=289 Dip=16 Slip= 59
NP2: 141 76 99

12 18 26 42.22 4.375S 135.118E 10km
5 8mb (42 abs.) 6.1Msz (56 abs.)
IRIAN JAYA REGION, INDONESIA
FAULT PLANE SOLUTION P-Waves
NP1.Strike=170 Dip=72 Slip= 167
NP2: 264 78 18
Principal Axes:
T Plg=22 Azm=128
P 4 36
Comment: The focal mechanism is moderately well cantrolled and corresponds to strike-slip foulting with a moderate reverse component. The preferred fault plane is not determined
RADIATED ENERGY
No af sta: 17 Focal mech. F
Energy 3.8±0 9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 16 Na af sta: 19
Principal Axes

Scale 10**18 Nm
T Val= 1 69 Plg=15 Azm=129
N -0 13 72 347
P -1 57 11 222
Best Double Couple.Ma=1.6*10**18
NP1 Strike=266 Dip=72 Slip= 3
NP2 175 87 162
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B 48S, **C M W.: 42S, 59C
Centroid Location:
Origin Time 18:26:46.4 0.2
Lat 4 31S 0.01 Lan 135.11E 0 01
Dep 15.0 FIX Half-duratian 2.5
Principal Axes.
Scale 10**18 Nm
T Val= 1.52 Plg=23 Azm=123
N 0 09 61 343
P -1 61 17 220
Best Double Cauple:Ma=1.6*10**18
NP1:Strike=263 Dip=61 Slip= 5
NP2: 170 86 151

12 20 33 25.70 51.259N 157.692E 44km
5.9mb (171 obs.) 6.0Msz (61 obs.)
NEAR EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=63 Slip= 80
NP2: 221 29 109
Principal Axes:
T Plg=70 Azm=269
P 17 117
Comment. The focal mechanism is maderately well cantralled and carresponds to reverse faulting with a small strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 34 Facal mech. M
Energy 9.1±1.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 40 No. af sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 2 90 Plg=63 Azm=224
N -0 39 25 21
P -2 50 9 115
Best Double Couple.Mo=2.7*10**18
NP1 Strike=232 Dip=42 Slip= 129
NP2 5 59 61
CENTROID, MOMENT TENSOR (HRV)
Data Used. GDSN
L P B. 52S, **C M W : 33S, 53C
Centroid Locatian:
Origin Time 20:33:31.8 0.1
Lat 51 02N 0 01 Lon 158.21E 0.01
Dep 55 0 BDY Half-duration 3.2
Principal Axes:
Scale 10**18 Nm
T Val= 2 63 Plg=77 Azm=297
N 0.03 1 32
P -2.66 13 123
Best Double Cauple:Ma=2.6*10**18
NP1 Strike=214 Dip=32 Slip= 92
NP2: 31 58 89

13 00 39 10.47 6.3B0S 155.476E 194km
5.5mb (68 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 36C
Centraid Locatian:
Origin Time 00:39:12.3 0 5
Lat 6.42S 0.06 Lan 155.50E 0.08
Dep 188.8 1.3 Half-duratian 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2 18 Plg= 9 Azm=138
N 0.69 2 48
P -2 87 80 305
Best Double Cauple:Ma=2.5*10**17
NP1.Strike=231 Dip=36 Slip= -86
NP2: 46 54 -93

13 13 35 36.34 11.162S 163.113E 39km
5.2mb (37 obs) 5.0Msz (10 abs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B 42S, 81C
Centroid Locatian:

Origin Time 13:35:37.9 0 3
Lat 11.06S 0 03 Lon 163.13E 0.03
Dep 15.0 FIX Half-durotion 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.95	63	330
N	-0.25	8	77
P	-1.71	25	171

Best Double Couple Mo=1.8*10**17

	Strike=	Dip=	Slip=
NP1:	280	21	114
NP2:	74	71	81

13 23 26 40.44 39 363N 20.495E 20km
5 3mb (96 obs.) 4 9Msz (5 obs.)
GREECE-ALBANIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L P.B.: 18S, 34C
Centroid Location:
Origin Time 23:26:42.7 0.5
Lat 39.03N 0.07 Lan 20.14E 0.06
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.08	78	311
N	-0.05	12	139
P	-1.03	2	49

Best Dauble Couple.Ma=1.0*10**17

	Strike=	Dip=	Slip=
NP1:	127	45	73
NP2:	330	48	106

13 23 30 22.97 11.209S 163.173E 35km
5.0mb (14 obs.) 4.9Msz (5 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 19S, 27C
Centraid Locatian:
Origin Time 23:30:28.8 0 6
Lot 10.58S 0.09 Lon 163.32E 0.09
Dep 15.0 FIX Half-duration 1 0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.38	64	338
N	-3.71	2	72
P	-8 67	26	163

Best Double Couple Mo=1.1*10**17

	Strike=	Dip=	Slip=
NP1:	258	19	97
NP2:	71	71	88

15 04 42 57.39 34 868N 141 683E 47km
5 4mb (93 obs.) 5.3Msz (32 obs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L.P.B.: 23S, 31C
Centroid Location.
Origin Time 04:42:57.7 0 6
Lot 34.31N 0.06 Lon 142.21E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scole 10**16 Nm

	Val=	Plg=	Azm=
T	6.87	67	228
N	2 32	23	36
P	-9.19	4	128

Best Double Couple Mo=8.0*10**16

	Strike=	Dip=	Slip=
NP1	240	45	123
NP2.	18	53	61

15 13 06 34 28 4 991S 145 459E 227km
5 5mb (61 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Dato Used GDSN
L P B 48S, **C
Centroid Location
Origin Time 13 06 39.6 0 1
Lot 5 19S 0 01 Lon 145.48E 0.01
Dep 227.6 0 8 Half-duration 2.8
Principal Axes:
Scole 10**18 Nm

	Val=	Plg=	Azm=
T	1 76	9	28
N	0 26	63	135
P	-2 02	25	294

Best Double Couple Mo=1 9*10**18

	Strike=	Dip=	Slip=
NP1	73	66	-168
NP2	338	79	-24

15 23 12 24 83 35 629N 77.788E 33km
4 9mb (43 obs.)
EASTERN KASHMIR
CENTROID, MOMENT TENSOR (HRV)
Data Used. GDSN
L P B.: 9S, 12C
Centroid Location:
Origin Time 23:12:23.2 2.3
Lat 35.19N 0.25 Lon 77.53E 0.14
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.50	3	321
N	-0.69	69	224
P	-3.82	20	52

Best Double Couple:Ma=4.2*10**16

	Strike=	Dip=	Slip=
NP1.	95	74	-13
NP2:	188	78	-163

16 05 44 49.17 14.735N 92.695W 57km
5 0mb (69 abs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B : 31S, 44C
Centroid Locatian:
Origin Time 05:44:48.1 0.4
Lat 14.25N 0.05 Lon 93.12W 0.05
Dep 53.9 4.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.18	29	42
N	1 65	13	305
P	-9.83	58	194

Best Double Couple.Mo=9.0*10**16

	Strike=	Dip=	Slip=
NP1.	164	19	-49
NP2:	302	76	-103

16 06 59 20.57 21.779S 173.768W 35km
5 6mb (54 obs.) 4 9Msz (26 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 59C
Centroid Locatian:
Origin Time 06:59:25.3 0.3
Lat 21.94S 0.04 Lan 173.44W 0.03
Dep 60.5 2.1 Half-duratian 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.13	68	332
N	0.11	19	186
P	-1.24	12	92

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

	Strike=	Dip=	Slip=
NP1.	159	37	58
NP2	18	59	112

16 21 08 38.75 1.413N 90.919W 22km
4.7mb (11 obs) 5.0Msz (1 obs)
GALAPAGOS ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L P.B.: 27S, 42C
Centroid Locatian:
Origin Time 21:08:42.1 0.4
Lat 1.60N 0.04 Lon 90.67W 0 04
Dep 15.0 FIX Half-durotion 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.34	0	219
N	-1.44	90	180
P	-7.89	0	129

Best Double Couple.Mo=8.6*10**16

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

18 08 45 19.44 28.444S 176.991W 33km
5.1mb (21 abs.) 5.3Msz (30 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L P.B.: 40S, 77C
Centroid Locatian:
Origin Time 08:45:22.8 0.3
Lot 28 59S 0.04 Lon 176.34W 0.02
Dep 15.0 FIX Half-duratian 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.16	70	272
N	0.40	3	10
P	-2.56	19	101

Best Double Couple:Mo=2.4*10**17

	Strike=	Dip=	Slip=
NP1.	197	26	97
NP2:	9	65	87

18 11 52 51.68 29.053S 176 753W 16km
6 2mb (9 obs) 6.7Msz (21 obs)
KERMADEC ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	190	22	90
NP2:	10	68	90

Principol Axes:

	Plg=	Azm=
T	67	280
P	23	100

Comment: The focal mechanism is poorly controlled and correspands to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. M
Energy 2.7±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 5 No. of sta: 8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	7 28	56	232
N	0.62	22	359
P	-7.90	25	100

Best Double Couple:Mo=7.6*10**18

	Strike=	Dip=	Slip=
NP1:	228	28	142
NP2:	352	73	67

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C M.W.: 46S, 90C
Centraid Locatian:
Origin Time 11:52:57.6 0.1
Lat 28.50S 0.01 Lan 176.40W 0.01
Dep 15.0 FIX Half-duration 4.6
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	8.58	66	293
N	0.43	3	196
P	-9.01	24	105

Best Double Cauple:Mo=8.8*10**18

	Strike=	Dip=	Slip=
NP1:	188	21	81
NP2:	17	69	93

18 17 38 30.33 28.772S 176.881W 33km
5.4mb (34 obs.) 6.1Msz (14 abs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L P.B 29S, 50C
Centroid Locotion:
Origin Time 17:38:35.1 0.3
Lat 28.71S 0 06 Lon 176.40W 0.04
Dep 17 0 BDY Half-duration 3.3
Principal Axes
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.61	66	286
N	0.96	1	193
P	-7.57	24	103

Best Double Couple:Mo=7.1*10**17

	Strike=	Dip=	Slip=
NP1:	191	21	87
NP2:	14	69	91

18 17 57 46.61 28.678S 176.893W 11km
5.9mb (69 obs.) 6.7Msz (53 obs.)
KERMADEC ISLANDS REGION
RADIATED ENERGY
No of sta: 10 Focal mech. C
Energy 2.7±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 28 No. af sta: 10
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.16	59	168
N	0.04	28	322
P	-1.19	12	58

Best Double Couple:Mo=1.2*10**19

	Strike=	Dip=	Slip=
NP1:	180	42	136
NP2:	306	62	57

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, **C
Centroid Locatian:
Origin Time 17:57:57.5 0.1
Lat 28.37S 0.02 Lon 176.27W 0.02
Dep 15.0 FIX Half-duration 5.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	6.45	67	283
N	1.12	0	14
P	-7 57	23	104

Best Double Couple:Mo=7.0*10**18

	Strike=	Dip=	Slip=
NP1:	195	22	91
NP2:	14	68	90

19 10 02 05.50 2.242S 137 922E 33km
5.2mb (40 obs.) 4.7Msz (5 obs.)

IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 17S, 22C
Centroid Location:
Origin Time 10:02: 9 4 1.5
Lat 1.99S 0.10 Lon 138.28E 0 09
Dep 31.7 4.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.81 Plg=50 Azm=351
N 0.40 27 119
P -10.20 27 224
Best Double Couple.Mo=1 0*10**17
NP1.Strike=359 Dip=31 Slip= 154
NP2: 112 77 62

19 12 23 30.60 10.175N 103 627W 10km
5 2mb (57 obs.) 5.3Msz (25 obs)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 86C
Centraid Location:
Origin Time 12:23:35.1 0.2
Lat 10.43N 0.02 Lon 103.57W 0.02
Dep 15.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**17 Nm
T Val= 4.63 Plg=14 Azm=308
N 0.66 72 86
P -5.28 11 215
Best Double Couple:Mo=5.0*10**17
NP1:Strike=351 Dip=72 Slip= 178
NP2: 82 88 18

19 15 33 00 24 28.299S 176 643W 33km
5 5mb (34 obs.) 5.7Msz (52 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 42S, 88C
Centraid Location:
Origin Time 15:33: 4.5 0.2
Lat 28 11S 0 03 Lon 176.05W 0.02
Dep 15 0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4 23 Plg=66 Azm=288
N 0.84 1 195
P -5.07 24 104
Best Double Couple Mo=4.7*10**17
NP1 Strike=191 Dip=21 Slip= 87
NP2. 15 69 91

20 02 22 52.14 28.562S 176.356W 33km
5 5mb (28 obs.) 5.5Msz (44 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 31C
Centroid Location:
Origin Time 02:22:51.6 0.5
Lat 28.41S 0.09 Lon 175.63W 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 13.67 Plg=61 Azm=322
N 2.12 13 206
P -15.79 25 110
Best Double Couple:Mo=1.5*10**17
NP1.Strike=173 Dip=24 Slip= 54
NP2. 31 71 104

20 07 44 38 58 5 649S 153 195E 33km
5.1mb (34 obs.) 4.4Msz (1 obs.)
NEW IRELAND REGION, P N G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B . 19S, 24C
Centroid Location:
Origin Time 07.44 45.8 0 8
Lot 5 57S 0.10 Lon 153 32E 0 11
Dep 28.3 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.84 Plg=23 Azm=109
N 1 22 14 13
P -6.06 62 255
Best Double Couple.Mo=5 4*10**16
NP1:Strike=225 Dip=25 Slip= -55
NP2: 8 70 -105

20 17 26 30.68 6.946S 155.776E 38km
5 5mb (60 obs.) 5.6Msz (48 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 92C
Centroid Location:
Origin Time 17:26:36.6 0.1
Lat 7.13S 0.02 Lon 155.70E 0.02
Dep 41.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.59 Plg=75 Azm=117
N 0.21 14 316
P -5.80 5 225
Best Double Cauple:Mo=5.7*10**17
NP1:Strike=300 Dip=42 Slip= 69
NP2: 148 51 108

21 16 54 48.55 49.182N 150.423E 348km
5.2mb (134 obs.)
NORTHWEST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 14C
Centroid Location
Origin Time 16.54 53.8 2.0
Lat 49.73N 0.14 Lon 150 05E 0 18
Dep 343.7 9 5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.46 Plg=25 Azm= 59
N 0.65 45 176
P -5.11 35 310
Best Double Couple Mo=4.8*10**16
NP1:Strike= 98 Dip=46 Slip=-171
NP2: 2 84 -44

22 12 33 45 04 64 624N 17.543W 5km
5.1mb (76 obs.) 4 8Msz (26 obs.)
ICELAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 49C
Centraid Location:
Origin Time 12:33:53.8 0.4
Lat 64.73N 0.04 Lon 17.56W 0 10
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 13.11 Plg=65 Azm=284
N -6 29 21 139
P -6.82 13 44
Best Double Cauple:Mo=1 0*10**17
NP1:Strike=109 Dip=37 Slip= 53
NP2: 331 61 114

22 15 01 43.48 6.499S 130.167E 147km
5.4mb (44 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B.: 30S, 41C
Centroid Location:
Origin Time 15 01:47 4 0.5
Lat 6.48S 0.05 Lon 130.13E 0.06
Dep 158.2 1 4 Half-durotion 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.95 Plg=46 Azm=247
N -2.83 12 144
P -9.12 41 43
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 66 Dip=13 Slip= 12
NP2: 324 87 102

22 16 32 43.73 30.149N 50.814E 33km
5.5mb (121 obs.) 4.8Msz (27 abs.)
NORTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P B : 22S, 34C
Centroid Location:
Origin Time 16:32:46.3 0.4
Lat 30 01N 0.07 Lon 50.40E 0 08
Dep 15.0 8DY Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.45 Plg=65 Azm=179
N -0.37 5 279
P -1.08 24 12
Best Double Couple Mo=1 3*10**17
NP1:Strike=112 Dip=21 Slip= 104
NP2. 278 70 85

23 11 29 19.35 60.549S 56.376W 10km
6.2mb (19 obs) 5.4Msz (29 obs.)
SOUTH SHETLAND ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 69C
Centroid Location:
Origin Time 11:29:24 2 0.2
Lat 60.59S 0.02 Lon 56 76W 0.05
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.49 Plg= 6 Azm=351
N 1.00 79 226
P -5.49 9 82
Best Double Cauple.Mo=5.0*10**17
NP1:Strike=126 Dip=79 Slip= -2
NP2: 216 88 -169

24 12 45 29.58 6.430S 147.396E 73km
5.1mb (28 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 61C
Centroid Location:
Origin Time 12:45:31.7 0.5
Lat 6.70S 0.04 Lon 147.44E 0.05
Dep 60.0 2.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.34 Plg=63 Azm= 82
N 0.49 26 278
P -6.84 7 185
Best Double Couple:Mo=6.6*10**16
NP1:Strike=249 Dip=45 Slip= 52
NP2: 117 57 121

25 07 23 17.05 28.673S 176.447W 60km
5.3mb (35 abs.) 5.1Msz (10 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 15S, 22C
Centraid Location:
Origin Time 07:23:17.1 1.4
Lat 28.52S 0.13 Lon 176.19W 0.11
Dep 28.7 5.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 9.74 Plg=33 Azm=110
N 0.49 4 17
P -10.22 56 281
Best Double Couple.Mo=1.0*10**17
NP1:Strike=217 Dip=12 Slip= -70
NP2 16 78 -94

25 07 44 10.87 28 835S 176.419W 70km
5 0mb (14 obs.) 5.4Msz (24 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B.. 31S, 49C
Centroid Location:
Origin Time 07:44:11.2 0.5
Lat 28.46S 0.05 Lon 176.14W 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.93 Plg=59 Azm=256
N 0.05 11 6
P -1.99 28 102
Best Double Couple.Mo=2.0*10**17
NP1:Strike=220 Dip=20 Slip= 126
NP2: 3 74 78

27 11 56 11.04 51.246N 158.914E 41km
5.6mb (123 obs.) 4.8Msz (31 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 27S, 41C
Centroid Location:
Origin Time 11.56:12.0 0.5
Lat 51.08N 0.06 Lon 159.44E 0.07
Dep 20 0 2.9 Half-durotion 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.79 Plg=60 Azm=350
N 0.15 18 226
P -8.94 23 128

Best Double Couple Mo=8.9*10**16
NP1:Strike=186 Dip=27 Slip= 47
NP2. 52 70 109

27 15 32 59.02 9.177S 115 873E 88km
5.2mb (24 obs.)
SOUTH OF BALI, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 25C
Centroid Location:
Origin Time 15:33: 6.2 1.0
Lat 9.24S 0.09 Lon 115.82E 0.10
Dep 98.5 6.3 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 6.16 Plg=41 Azm=176
N -1.16 35 303
P -5.00 29 56
Best Double Couple Mo=5 6*10**16
NP1:Strike=198 Dip=36 Slip= 168
NP2: 298 83 55

28 07 39 53.96 28.787S 176.620W 51km
4.9mb (17 obs) 5 3Msz (9 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 69C
Centroid Location:
Origin Time 07:39:58.0 0.3
Lat 28.57S 0.04 Lon 176.34W 0.04
Dep 16.0 2.3 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 1.81 Plg=62 Azm=258
N 0.25 8 3
P -2.06 27 97
Best Double Couple:Mo=1.9*10**17
NP1:Strike=205 Dip=20 Slip= 113
NP2: 0 72 82

28 23 33 52.90 62 922S 159 578W 10km
5.1mb (6 obs.) 5 4Msz (2 obs)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 41C
Centroid Location:
Origin Time 23:33:55 3 0.3
Lat 62.80S 0.05 Lon 160.57W 0.12
Dep 15.0 FIX Half-duration 1.3
Principal Axes.
Scale 10**17 Nm
T Val= 1.80 Plg=19 Azm=348
N -0 03 52 232
P -1.77 31 90
Best Double Couple:Mo=1.8*10**17
NP1:Strike=126 Dip=53 Slip= -10
NP2: 221 82 -143

29 03 46 10.00 11 026S 118.385E 40km
5.5mb (37 obs)
SOUTH OF SUMBAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 53C
Centroid Location
Origin Time 03.46: 9 4 0.3
Lat 11.34S 0.02 Lon 118 59E 0.04
Dep 27.9 2.0 Half-duration 1.2
Principal Axes.
Scale 10**17 Nm
T Val= 1.12 Plg= 0 Azm=184
N -0.10 0 94
P -1.03 90 180
Best Double Couple:Mo=1.1*10**17
NP1:Strike=274 Dip=45 Slip= -90
NP2: 94 45 -90

29 07 07 11.58 60.437S 152.775E 10km
4.8mb (10 obs.) 5.8Msz (28 obs)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B . 48S, **C
Centroid Location
Origin Time 07.07:24.8 0.1
Lat 60 92S 0 01 Lon 153 61E 0 03
Dep 15.0 FIX Half-duration 3.8
Principal Axes:
Scale 10**18 Nm
T Val= 4 35 Plg=11 Azm= 19
N -0 40 64 267
P -3 95 23 114
Best Double Couple Mo=4.2*10**18
NP1:Strike=155 Dip=66 Slip= -9
NP2: 249 81 -156

30 23 47 33.94 20.836S 172.957E 13km
5.9mb (55 obs) 6.7Msz (46 obs.)
VANUATU ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 70 Dip=83 Slip= 10
NP2: 339 80 173
Principal Axes:
T Plg=12 Azm=295
P 2 204
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 7.7±2.0*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 23
Principal Axes:
Scale 10**19 Nm
T Val= 1 29 Plg= 8 Azm=287
N -0 05 81 94
P -1.24 2 197
Best Double Couple.Mo=1.3*10**19
NP1:Strike=332 Dip=83 Slip= 175
NP2: 62 85 7
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, **C M.W.: 39S, 88C
Centroid Location:
Origin Time 23:47:42.5 0.1
Lat 20.72S 0.01 Lon 173.05E 0.01
Dep 15.0 FIX Half-duration 5.9
Principal Axes:
Scale 10**19 Nm
T Val= 1.32 Plg=12 Azm=103
N -0.13 75 317
P -1.20 8 195
Best Double Couple:Mo=1.3*10**19
NP1 Strike=239 Dip=76 Slip= 3
NP2. 148 87 166

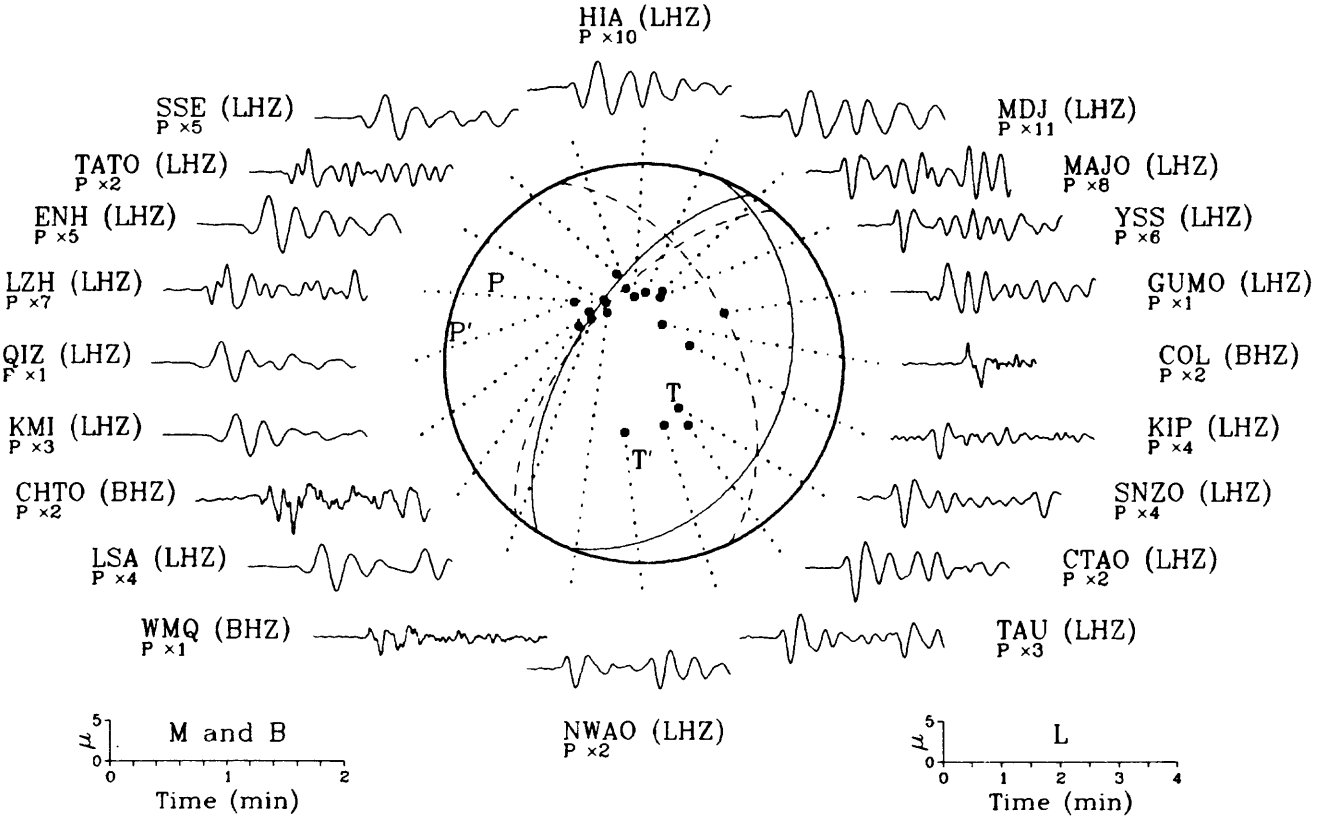
Corrected Entry to the May 1992 Monthly Listing

The event of May 19, 1992 at 15:31 08 6 UTC has been recomputed and should read:

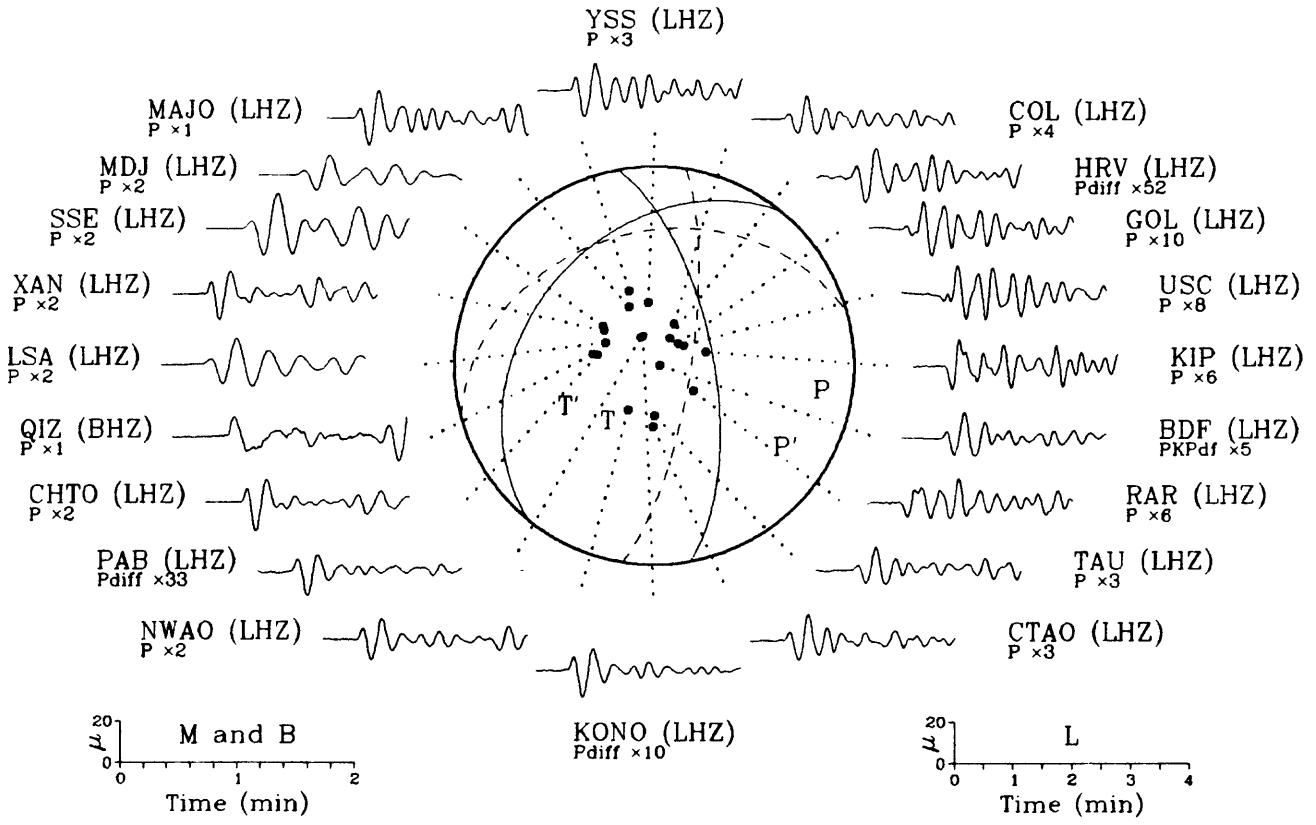
DAY	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
19	15 30 42 6?	19.47 N	176.32 W	282 ?	4.6	0.8		32	FIJI ISLANDS REGION

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

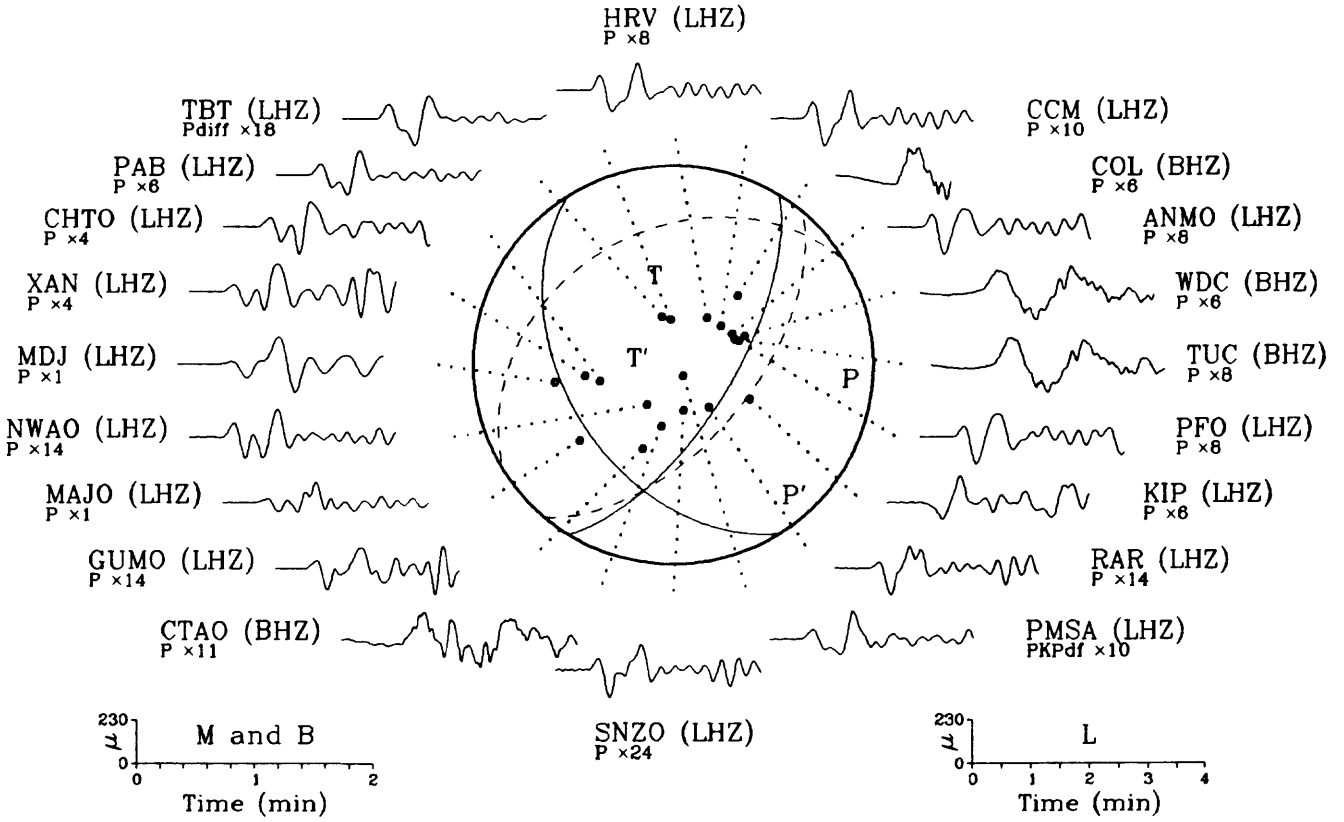
04 June 1993 10:49:33.65
North of Halmahera, Indonesia



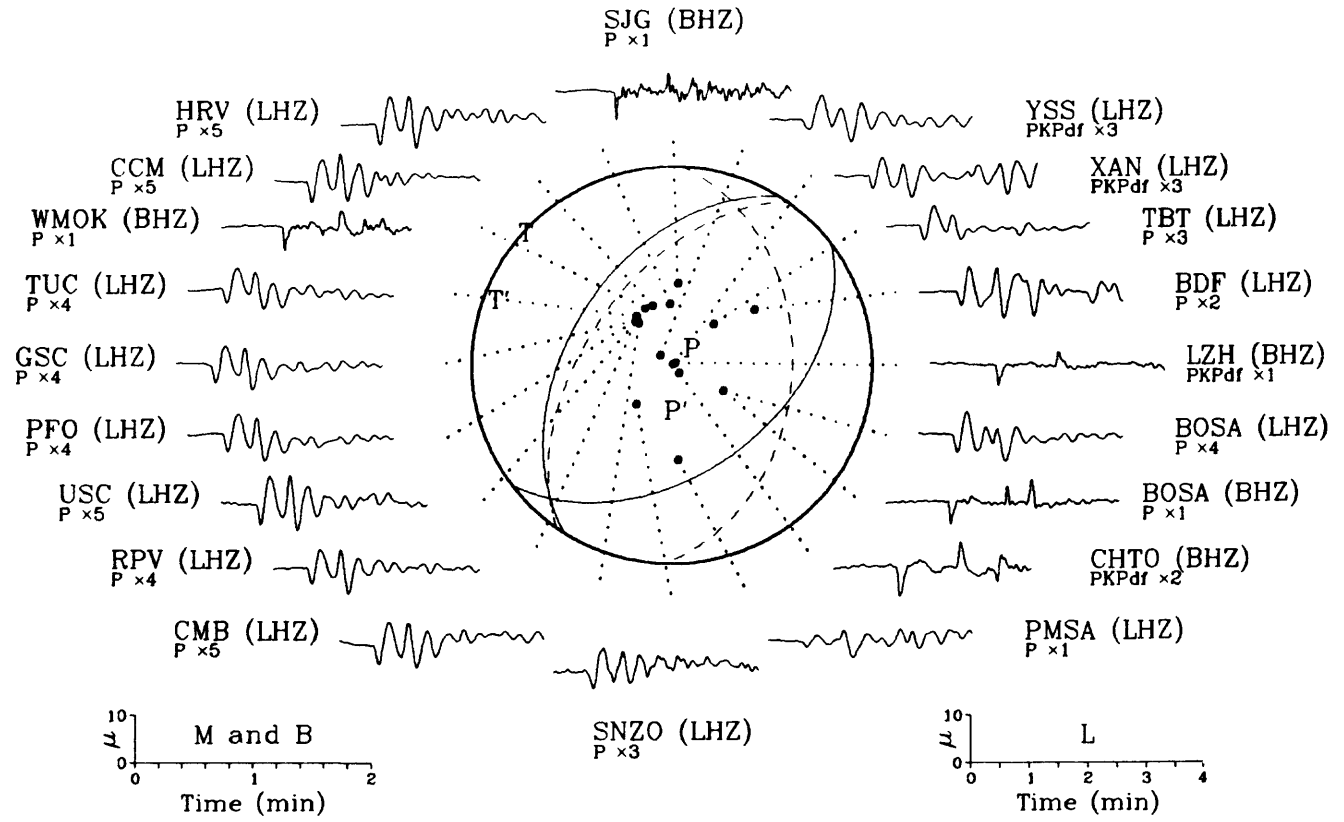
06 June 1993 13:23:20.86
Mariana Islands



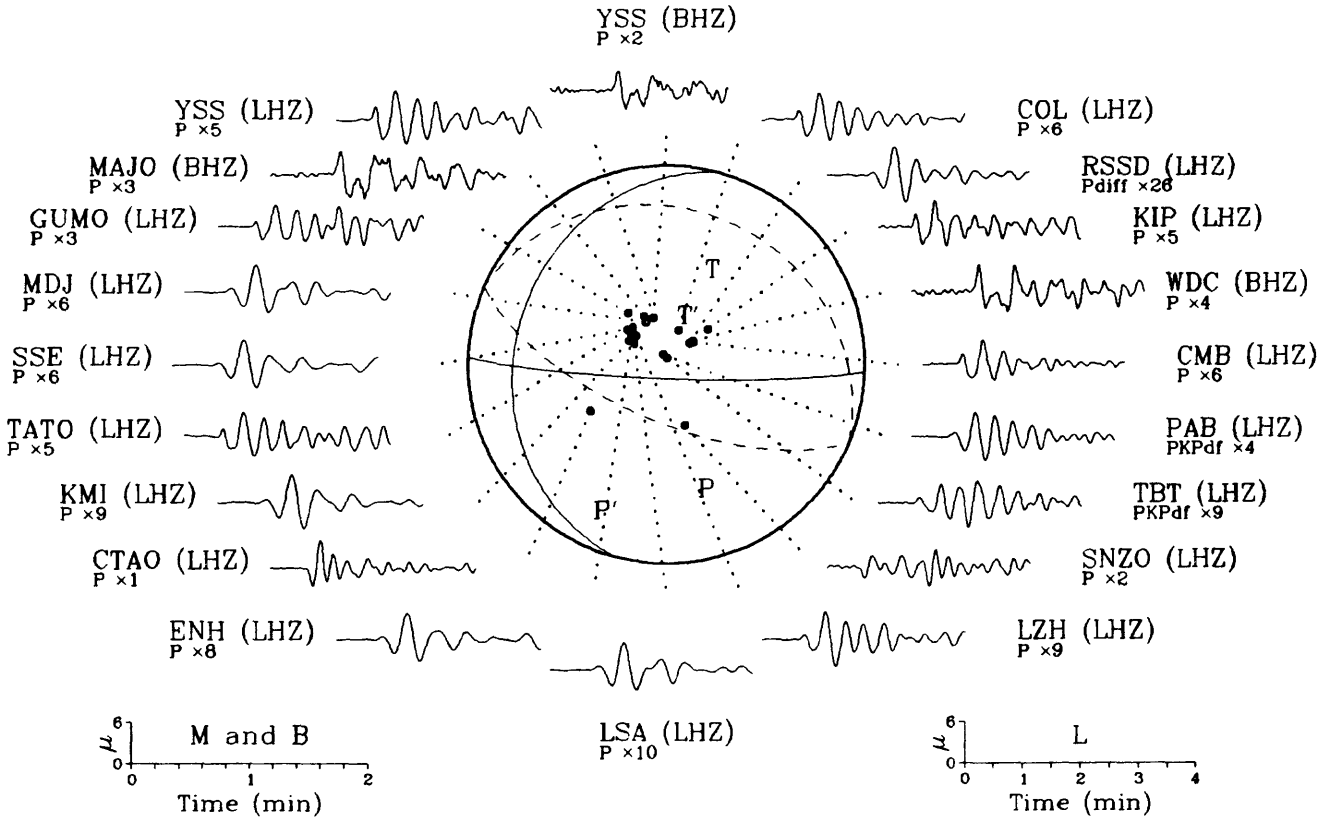
08 June 1993 13:03:36.48
Near East Coast of Kamchatka



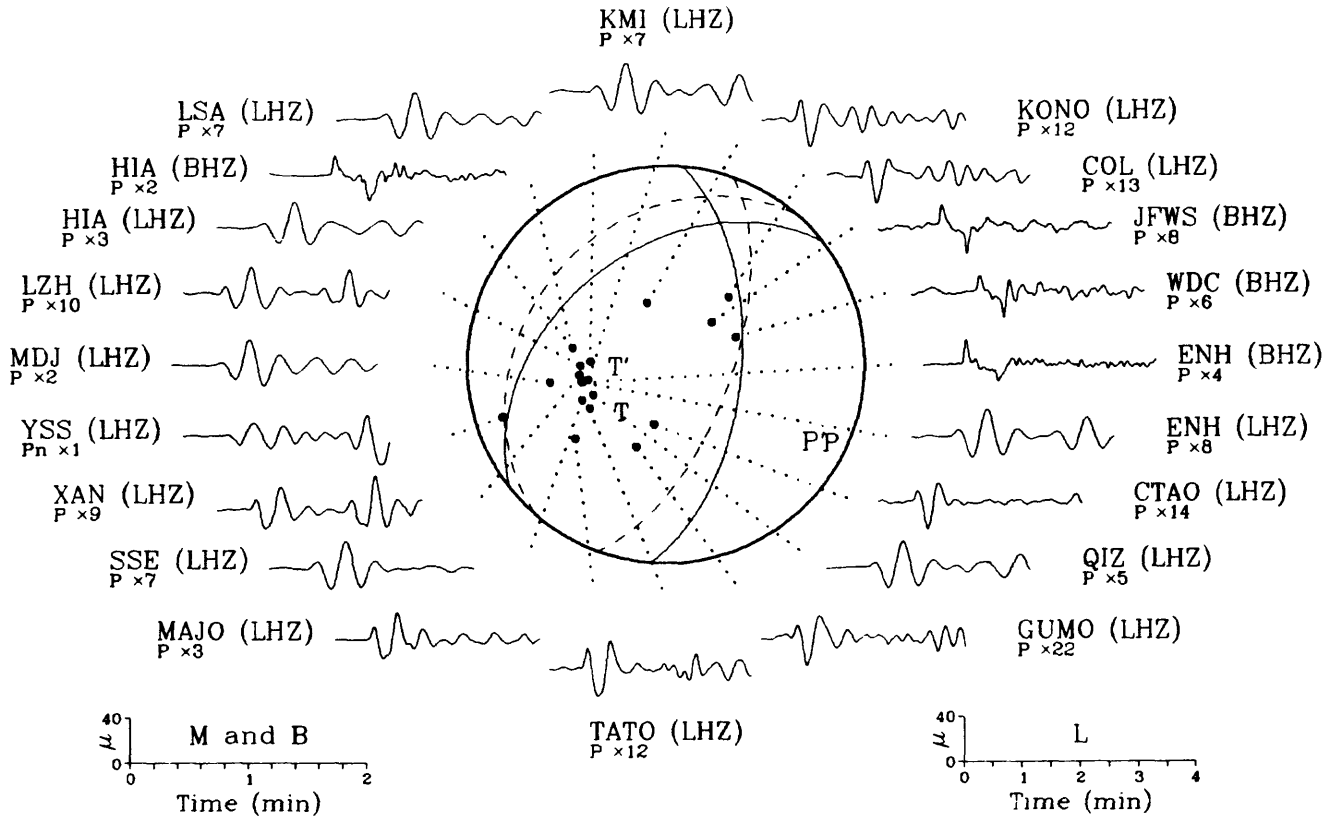
08 June 1993 23:17:41.44
San Juan Province, Argentina



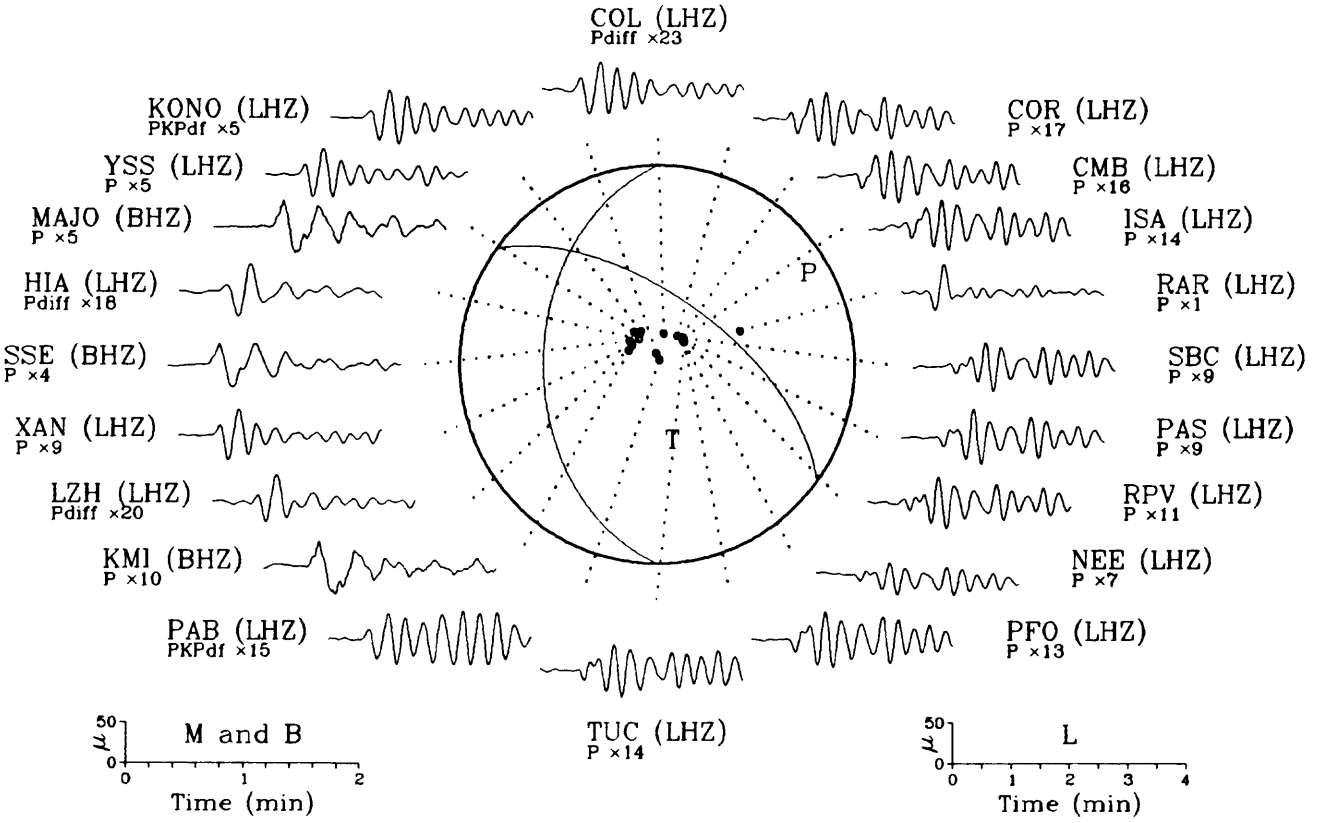
12 June 1993 05:45:21.21
Solomon Islands



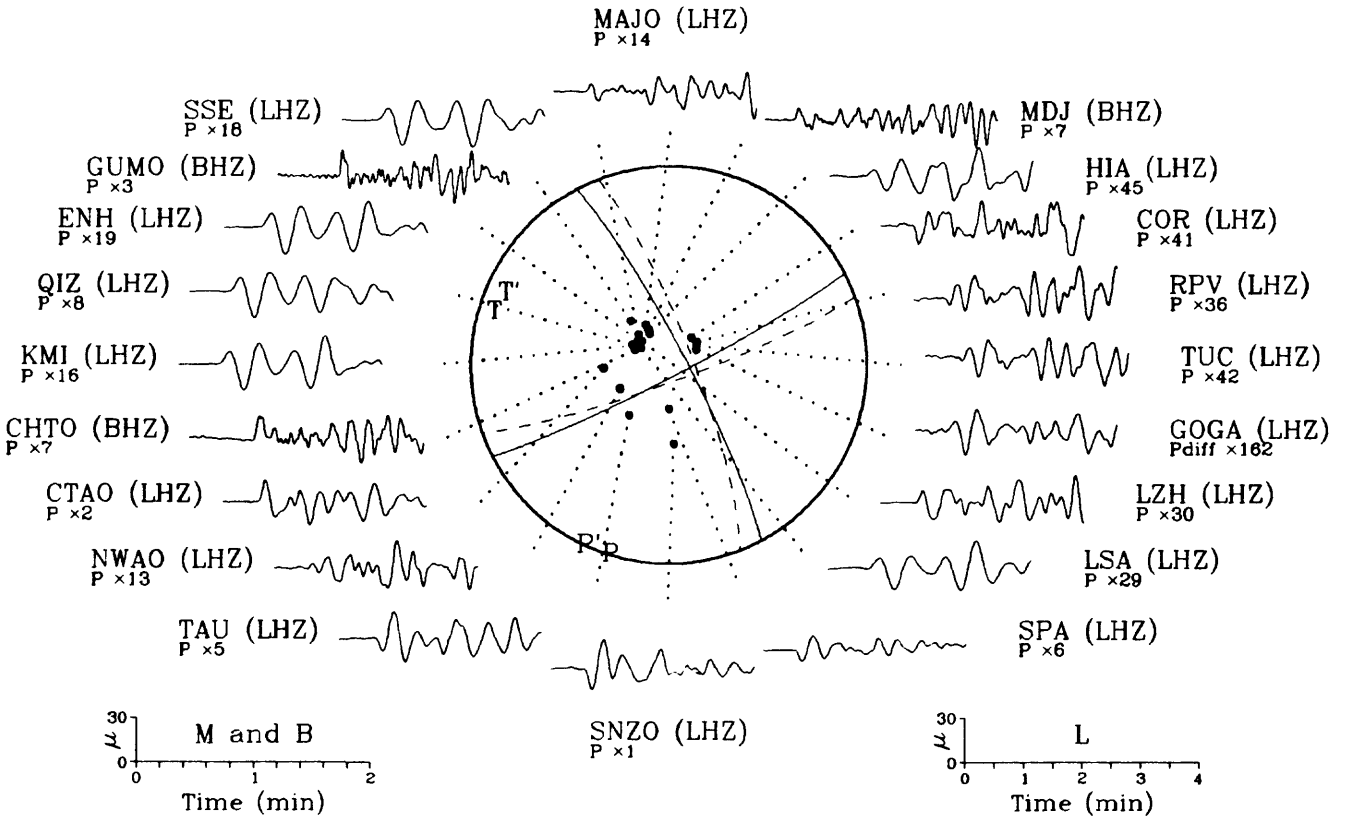
12 June 1993 20:33:25.70
Near East Coast of Kamchatka



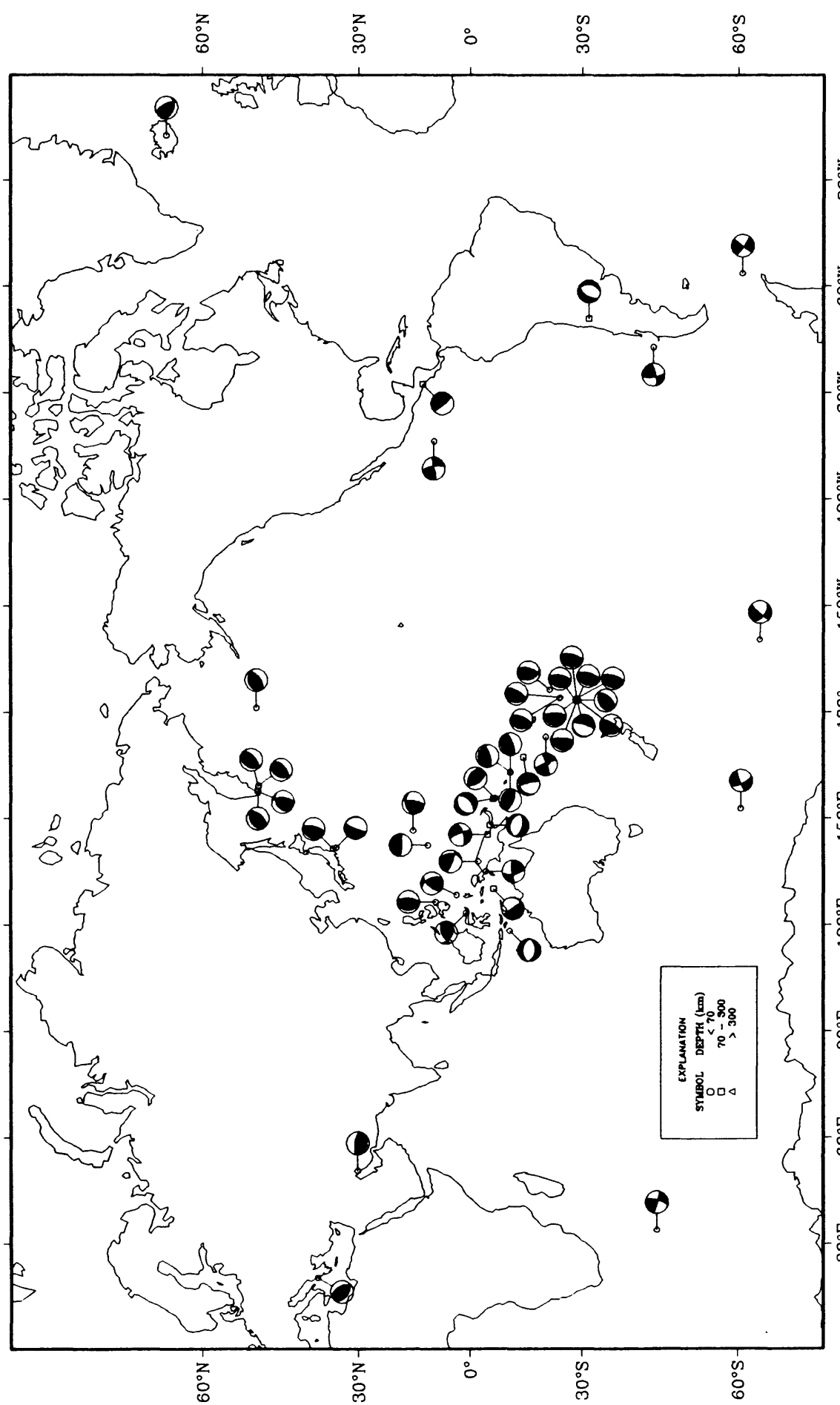
18 June 1993 17:57:46.61
Kermadec Islands Region

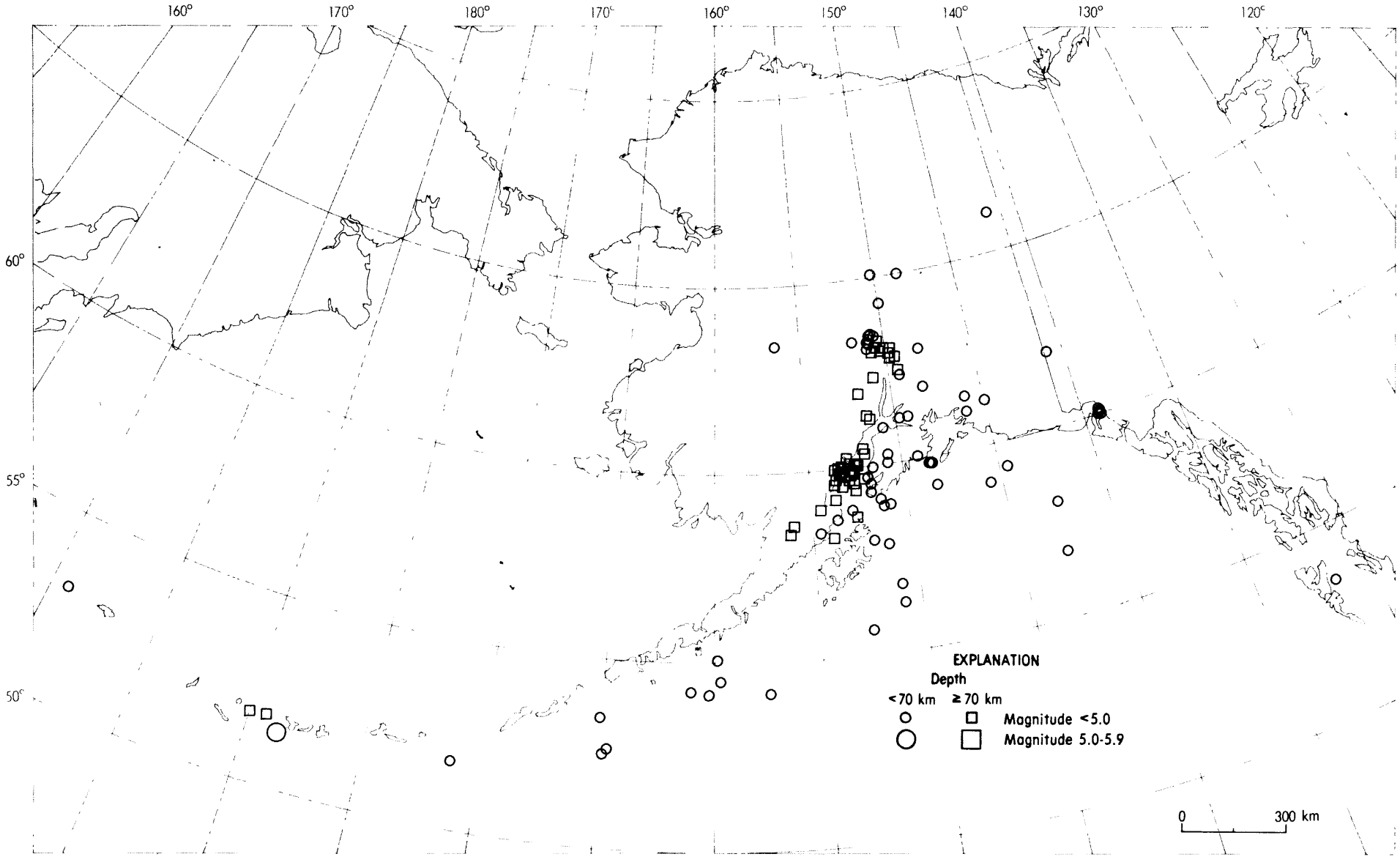


30 June 1993 23:47:33.94
Vanuatu Islands Region

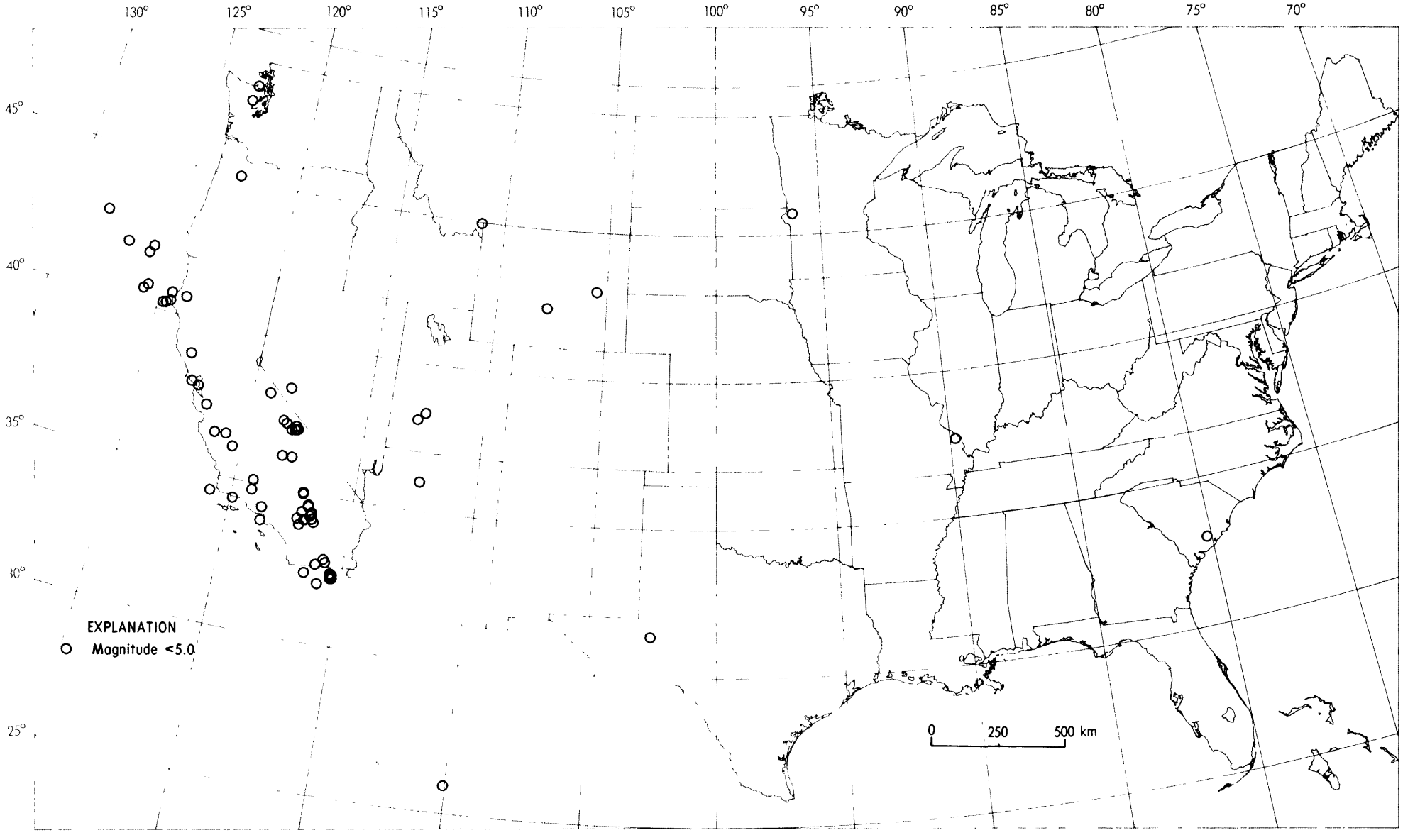


Earthquake Focal Mechanisms for June 1993

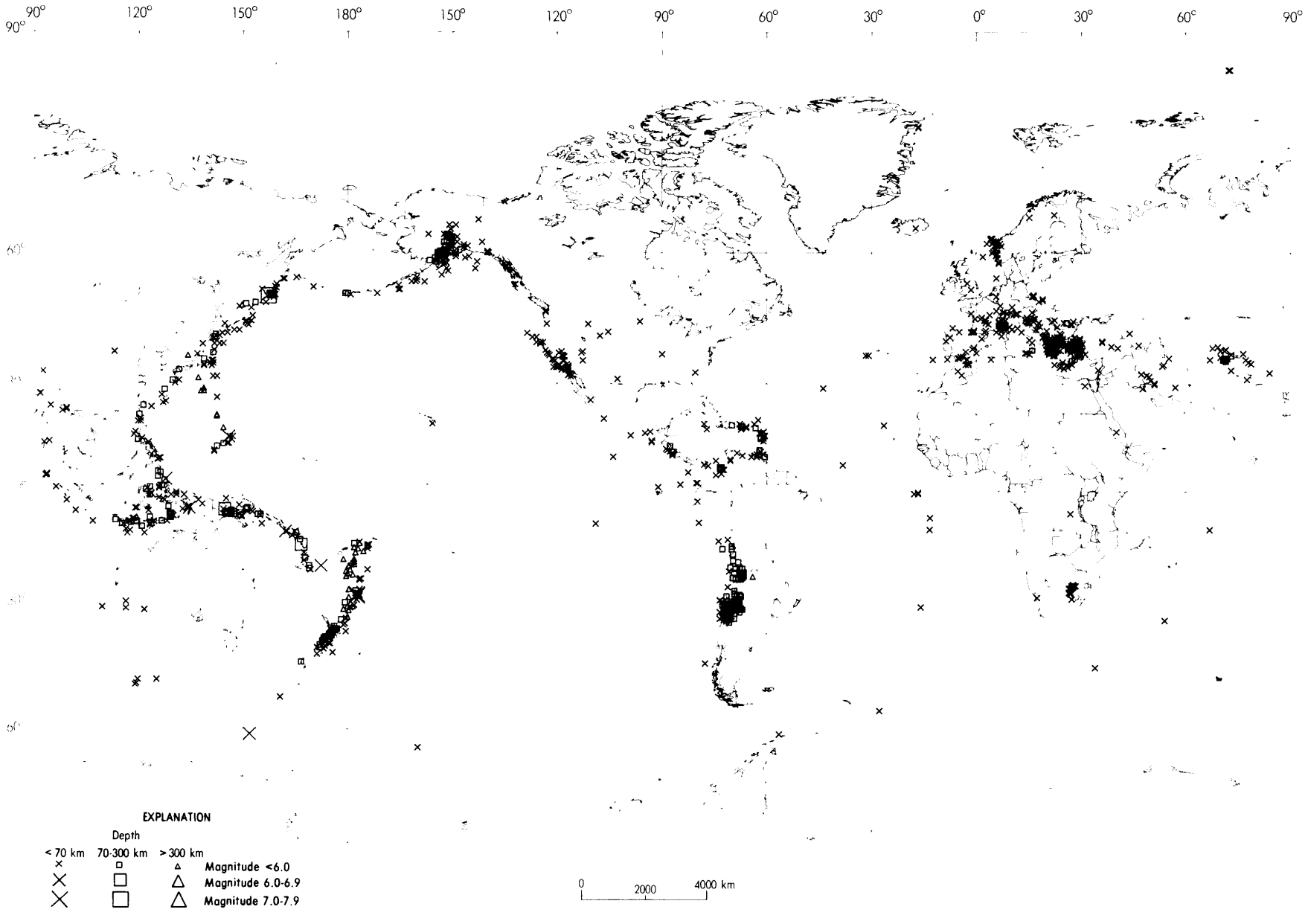




Earthquake epicenters in Alaska and adjacent regions for June, 1993.



Earthquake epicenters in the conterminous United States and adjacent regions for June, 1993.



Printed on Recycled Paper

☆U.S. GOVERNMENT PRINTING OFFICE: 1993—840-236

Earthquakes located in June, 1993.

CHANGE OF ADDRESS FORM

NAME—FIRST, LAST

COMPANY NAME OR ADDITIONAL ADDRESS LINE

STREET ADDRESS

CITY | STATE | ZIP CODE

PLEASE PRINT OR TYPE

(or) COUNTRY

Mail this form to: NEW ADDRESS

Superintendent of Documents
Government Printing Office SSOM
Washington, D.C. 20402

Attach last subscription label here.

SUBSCRIPTION ORDER FORM

SUBSCRIPTION ORDER FORM

ENTER MY SUBSCRIPTION TO:

@ $ **Domestic; @ $** **Foreign.**

NAME—FIRST, LAST

COMPANY NAME OR ADDITIONAL ADDRESS LINE

STREET ADDRESS

CITY | STATE | ZIP CODE

PLEASE PRINT OR TYPE

(or) COUNTRY

☐ Remittance Enclosed (Make checks payable to Superintendent of Documents)

☐ Charge to my Deposit Account No. .....

MAIL ORDER FORM TO:
Superintendent of Documents
Government Printing Office
Washington, D.C. 20402