UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

APRIL - JUNE 1995

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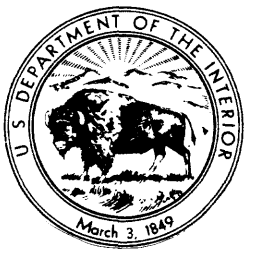

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1995

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

JUNE 1995

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	19	19.1	44.961	N	18.549	E	10	G			1.1	39	NORTHWESTERN BALKAN REGION. ML 3.3 (TTG), 3.3 (VIE), 3.3 (BRA).
	01	00	25	24.1*	52.940	N	142.847	E	33	N	4.1		0.9	22	SAKHALIN ISLAND
	01	00	26	35.5*	7.815	S	129.356	E	100	G	4.2		0.5	10	BANDA SEA
	01	00	54	40.6*	4.797	S	139.009	E	70	G	4.1		1.1	9	IRIAN JAYA, INDONESIA
	01	00	56	41.2&	60.013	N	153.421	W	144					31	SOUTHERN ALASKA. <AEIC>.
	01	01	01	11.6*	40.016	N	21.819	E	10	G			1.2	5	GREECE. MD 2.8 (ATH).
	01	01	05	25.3*	52.976	N	142.868	E	33	N	3.9		0.5	7	SAKHALIN ISLAND
	01	01	06	15.7&	30.300	N	103.350	W	10	G				11	WESTERN TEXAS. <SPEC>. mbLg 3.5 (GS). Felt (IV) at Alpine. Also felt at McCamey and Big Bend National Park. Held to mainshock location.
	01	01	33	45.4*	43.784	N	147.181	E	70	G	4.5		1.2	19	KURIL ISLANDS
	01	01	46	51.6*	20.817	S	178.667	W	620	G	5.0		0.9	28	FIJI ISLANDS REGION
	01	01	49	10.0*	23.575	S	170.159	E	33	N	4.5		1.1	14	LOYALTY ISLANDS REGION
	01	01	51	30.7	45.073	N	6.850	E	10	G			1.3	13	FRANCE. ML 2.1 (GEN), 1.8 (LDG).
	01	02	30	09.7&	59.934	N	151.639	W	50		3.6			103	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.9 (AEIC), 3.7 (PMR).
	01	02	58	31.6*	7.321	S	126.796	E	150	G	4.2		0.9	9	BANDA SEA
	01	03	29	44.7&	60.011	N	153.059	W	108		3.1			80	SOUTHERN ALASKA. <AEIC>.
	01	03	42	49.4?	12.36	N	125.34	E	33	N	4.5		1.3	16	SAMAR, PHILIPPINE ISLANDS
	01	03	51	45.8*	62.891	S	158.362	W	10	G	4.3	4.4	1.3	12	PACIFIC-ANTARCTIC RIDGE
	01	03	55	21.6?	36.88	N	5.71	W	10	G			0.1	4	STRAIT OF GIBRALTAR. mbLg 2.1 (MDD).
	01	04	18	33.4*	52.700	N	142.982	E	33	N	4.3		1.5	15	SAKHALIN ISLAND
	01	04	19	43.0	12.533	N	125.600	E	43	D	4.8	4.4	1.2	62	SAMAR, PHILIPPINE ISLANDS
	01	04	49	29.3&	34.287	N	96.732	W	5	G				13	OKLAHOMA. <TUL-P>. mbLg 3.0 (TUL), 3.0 (GS). Felt (V) at Tishomingo, (IV) at Ravia and (III) at Milburn.
	01	05	09	58.1&	40.103	N	21.861	E	10	G			1.2	5	GREECE. MD 3.0 (ATH).
	01	05	39	18.2*	10.803	S	163.817	E	33	N	4.1		1.2	13	SOLOMON ISLANDS
	01	05	46	14.6	23.810	S	70.356	W	33	N	4.1		1.1	18	NEAR COAST OF NORTHERN CHILE
	01	05	54	38.3&	63.539	N	150.785	W	8					46	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	01	06	40	39.3*	23.137	S	176.053	W	33	N	4.2		1.4	15	SOUTH OF FIJI ISLANDS
	01	07	44	09.4	32.204	S	71.679	W	40	G			0.7	13	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	01	07	53	20.1*	5.370	S	151.566	E	100	G	3.9		0.6	13	NEW BRITAIN REGION, P.N.G.
	01	09	55	50.9*	18.750	N	104.524	W	33	N	4.0		1.3	21	NEAR COAST OF JALISCO, MEXICO
	01	09	58	48.8*	22.384	S	170.065	E	33	N	4.8		1.3	35	LOYALTY ISLANDS REGION
	01	10	17	29.1	39.978	N	21.574	E	10	G	3.5		1.2	8	GREECE. MD 3.4 (ATH).
	01	10	58	05.4*	13.005	N	145.340	E	69		4.4		0.6	19	MARIANA ISLANDS
	01	11	25	15.5	34.794	N	71.177	E	40	G	4.0		1.3	24	PAKISTAN
	01	12	44	02.6*	12.318	N	125.218	E	100	G	4.1		1.0	14	SAMAR, PHILIPPINE ISLANDS
	01	13	21	05.2?	32.25	N	47.40	E	33	N	4.4		1.2	11	IRAN-IRAQ BORDER REGION
	01	14	04	51.7	38.193	N	21.679	E	5	G			0.9	8	GREECE. MD 3.3 (ATH).
	01	14	05	49.6&	37.001	N	2.272	W	5	G			0.7	10	SPAIN. mbLg 3.2 (MDD).
	01	14	32	40.5*	15.448	S	167.557	E	123	D	4.5		1.3	70	VANUATU ISLANDS
	01	14	58	04.9?	23.16	S	170.45	E	33	N	4.2		1.2	13	LOYALTY ISLANDS REGION
	01	15	35	29.0	19.814	S	169.395	E	115	D	5.1		1.2	180	VANUATU ISLANDS. mb 5.3 (BRK).
	01	15	49	51.5*	0.070	S	143.439	E	33	N	4.2		0.9	11	NINIGO ISLANDS REGION, P.N.G.
	01	15	59	12.0*	9.062	S	123.422	E	33	N	4.2		0.8	10	TIMOR REGION, INDONESIA
a	01	16	02	04.2	46.496	S	95.943	E	10	G	4.6	5.2	0.9	38	SOUTHEAST INDIAN RIDGE. Mw 5.5 (HRV).
	01	16	06	56.3*	46.287	S	95.254	E	10	G	3.9		0.7	9	SOUTHEAST INDIAN RIDGE
	01	16	19	02.2&	59.552	N	151.258	W	10					29	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	16	51	31.4	52.154	N	175.957	E	62		4.5		0.6	28	RAT ISLANDS, ALEUTIAN ISLANDS
	01	17	35	26.6*	14.477	S	167.074	E	207	D	4.3		1.3	54	VANUATU ISLANDS
	01	18	22	41.3	32.953	S	71.025	W	20	G			1.1	14	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	01	19	23	12.0&	40.287	N	124.331	W	9					4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.7 (GM).
	01	19	24	38.3*	11.907	N	86.872	W	100	G	4.2		1.5	13	NEAR COAST OF NICARAGUA
	01	19	47	27.2?	15.21	N	97.63	W	33	N	3.6		1.1	8	NEAR COAST OF OAXACA, MEXICO
	01	20	30	45.8	20.376	S	70.434	W	70	G	3.9		1.2	22	NEAR COAST OF NORTHERN CHILE
	01	20	35	12.9?	40.77	N	19.59	E	10	G			1.1	10	ALBANIA. ML 2.7 (TTG).

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	01	20	36	24.8*	3.384	N	128.420	E	50	G	4.0		1.0	13	NORTH OF HALMAHERA, INDONESIA
	01	21	20	54.9*	10.731	S	163.742	E	10	G	4.3	4.4	1.0	14	SOLOMON ISLANDS
	01	21	46	47.3	32.161	S	69.845	W	120	G			0.3	14	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	01	22	35	40.5	6.402	S	147.331	E	115		4.1		0.9	20	EASTERN NEW GUINEA REG., P.N.G.
	01	23	08	23.3	12.452	N	125.520	E	33	N	4.4		0.8	23	SAMAR, PHILIPPINE ISLANDS
	01	23	20	52.2?	10.91	S	163.81	E	10	G	4.1		1.0	6	SOLOMON ISLANDS
	01	23	32	52.1	39.656	N	20.369	E	10	G			1.0	7	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	01	23	45	09.6	79.553	N	3.855	E	10	G	4.4	3.8	1.0	67	GREENLAND SEA
	02	00	21	40.6*	75.275	N	10.768	E	15	G	3.5		1.3	7	SVALBARD REGION
	02	00	32	57.5	40.381	N	25.703	E	10	G			0.7	9	AEGEAN SEA. MD 3.3 (ATH).
	02	01	42	27.4&	33.188	N	115.597	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	02	17	52.2%	37.507	N	1.977	W	10	G			1.4	10	SPAIN. mbLg 2.4 (MDD).
	02	02	53	55.1	47.100	N	155.543	E	25	D	4.6	3.7	1.1	62	EAST OF KURIL ISLANDS
	02	03	13	50.1*	40.033	N	21.617	E	10	G			1.4	6	GREECE. MD 2.9 (ATH).
	02	03	17	34.0*	6.722	S	146.288	E	100	G	3.7		0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	02	03	44	51.7?	37.06	N	2.03	E	10	G			0.6	6	WESTERN MEDITERRANEAN SEA. mbLg 2.9 (MDD).
	02	04	59	28.5	40.075	N	21.697	E	5	G			0.6	6	GREECE. MD 3.0 (ATH).
	02	07	01	41.2&	40.394	N	125.435	W	24					41	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.5 (BRK).
	02	07	32	29.1?	15.68	S	174.59	W	33	N	4.9		1.3	17	TONGA ISLANDS
	02	07	47	16.7	40.088	N	21.655	E	14		4.0		1.4	25	GREECE. MD 3.5 (ATH). ML 3.3 (TTG).
	02	07	50	01.4&	61.548	N	146.465	W	38					83	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.0 (PMR). Fel (II) at Anchorage, Palmer and Valdez.
	02	07	51	12.6*	60.398	S	31.397	W	33	N	4.7	4.5	1.3	15	SCOTIA SEA
	02	10	01	09.3*	21.807	S	169.100	E	33	N	4.3		1.1	26	LOYALTY ISLANDS REGION
	02	10	22	28.3*	45.565	N	5.598	E	10	G			0.9	8	FRANCE
	02	10	49	39.6	35.576	N	26.565	E	20	G			0.6	16	CRETE. ML 4.2 (CSS). MD 3.9 (ATH).
	02	10	51	19.9*	51.638	N	7.608	E	5	G			1.1	7	GERMANY. ML 3.1 (UCC), 3.0 (DBN), 2.7 (BNS). Probably mining induced.
	02	13	23	17.2&	59.630	N	153.323	W	116					45	SOUTHERN ALASKA. <AEIC>.
	02	13	46	09.0*	43.519	N	0.535	W	5	G			1.4	5	PYRENEES. ML 3.2 (LDG). mbLg 3.1 (MDD). Felt (III) in the Lacq Oilfield area, France. Mining induced.
	02	14	47	43.8	39.260	N	22.924	E	10	G			1.0	8	GREECE. MD 3.0 (ATH).
	02	15	26	23.7*	53.147	N	143.161	E	33	N	4.2	3.5	1.3	25	SAKHALIN ISLAND. Felt (V) in the epicentral area and (III) at Okha.
a	02	15	45	08.8	4.304	S	143.573	E	104		5.0		1.2	70	NEW GUINEA, PAPUA NEW GUINEA. Mw 5.5 (HRV).
	02	15	52	35.1&	41.352	N	123.443	W	37					15	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	02	16	08	59.9	40.095	N	21.876	E	5	G			1.2	6	GREECE. MD 3.1 (ATH).
	02	16	18	07.9*	49.598	N	6.692	E	10	G			0.7	8	GERMANY. ML 2.8 (LDG). Mining induced.
	02	16	33	16.5	43.265	N	147.779	E	33	N	4.7	3.9	1.1	58	KURIL ISLANDS
	02	17	54	23.7?	19.76	S	178.56	W	400	G	4.0		1.1	21	FIJI ISLANDS REGION
	02	18	36	12.9?	8.34	N	83.85	W	33	N	4.0		0.6	5	COSTA RICA. MD 4.3 (UPA).
a	02	19	07	22.4	31.773	S	71.296	W	70	D	5.4		0.8	153	NEAR COAST OF CENTRAL CHILE. Mw 5.6 (HRV). MD 5.3 (SAN). Mo=3.1*10**17 Nm (PPT). Felt (V) in the La Ligua-Quillota-San Felipe area, (IV) at Santiago and (III) in the Los Vilos-Pichidangui area. Also felt (III) at Mendoza, Argentina.
	02	23	29	07.4	3.427	N	96.414	E	40	G	5.0		1.0	82	NORTHERN SUMATERA, INDONESIA
	02	23	53	51.6	37.561	N	29.788	E	34		3.9		1.0	54	TURKEY. MD 4.0 (ATH).
	03	00	11	43.3*	6.677	S	147.018	E	90	G	4.3		0.7	8	EASTERN NEW GUINEA REG., P.N.G.
	03	00	29	51.2%	44.556	N	7.451	E	10	G			0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
	03	00	46	15.9	34.249	N	25.580	E	59	D	4.0		1.2	65	CRETE. MD 3.9 (ATH).
	03	01	22	19.0?	6.24	S	146.21	E	100	G	3.7		0.3	4	EASTERN NEW GUINEA REG., P.N.G.
	03	01	29	01.5*	12.471	N	125.589	E	33	N	4.5		1.3	32	SAMAR, PHILIPPINE ISLANDS
	03	02	23	14.9*	12.191	N	86.829	W	130	G	4.2		0.4	10	NICARAGUA
	03	02	26	40.0%	37.457	N	3.981	W	10	G			0.9	9	SPAIN. mbLg 2.7 (MDD).
	03	02	34	07.9*	6.168	S	129.919	E	100	G	4.4		1.3	7	BANDA SEA
	03	02	38	23.5	43.124	N	2.084	W	10	G			0.7	10	SPAIN. mbLg 2.9 (MDD). ML 2.5 (LDG).
a	03	04	12	09.8	1.666	N	126.511	E	63	*	4.9		1.3	73	NORTHERN MOLUCCA SEA. Mw 5.2 (HRV).
	03	05	19	47.5*	32.244	N	141.640	E	33	N	4.2		1.1	26	SOUTH OF HONSHU, JAPAN
	03	05	39	12.7	32.385	S	117.138	E	10	G			0.7	6	WESTERN AUSTRALIA
	03	05	45	37.7?	12.55	S	167.60	E	33	N	4.1		1.0	7	SANTA CRUZ ISLANDS
	03	06	37	11.9%	46.266	N	1.839	W	10	G			0.8	17	FRANCE. ML 2.7 (LDG).
	03	07	38	03.5?	36.79	S	100.83	W	10	G	4.2		1.6	10	SOUTHERN PACIFIC OCEAN
	03	08	37	37.4&	61.775	N	149.888	W	50					38	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	03	08	44	21.5	20.809	S	178.688	W	569		4.9		1.3	117	FIJI ISLANDS REGION
	03	09	15	16.5?	12.10	N	125.79	E	100	G	4.0		0.7	6	SAMAR, PHILIPPINE ISLANDS
	03	09	58	40.3&	61.018	N	150.156	W	40					44	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.8 (PMR).
	03	10	20	14.0	40.115	N	21.609	E	20	G	4.0		1.4	38	GREECE. ML 3.8 (TTG). MD 3.5 (ATH).
	03	11	24	25.1	44.768	N	7.297	E	10	G			0.8	17	NORTHERN ITALY. ML 2.5 (GEN), 2.3 (LDG).
	03	11	29	25.2*	28.080	N	102.897	E	33	N	4.3		0.2	6	SICHUAN, CHINA
	03	11	40	48.9	51.658	N	16.244	E	14		3.6		1.0	27	POLAND. ML 3.7 (GRF), 3.5 (MOX).
a	03	11	57	31.1	2.967	N	96.173	E	31	D	5.3	4.7	0.8	216	NORTHERN SUMATERA, INDONESIA. Mw 5.1 (HRV).
	03	11	58	30.9?	8.05	N	92.08	E	33	N	4.8		0.5	13	NICOBAR ISLANDS, INDIA
	03	13	51	07.6?	34.48	S	70.36	W	10	G			1.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	03	14	09	15.7*	19.480	S	168.512	E	100	G	4.5		1.3	30	VANUATU ISLANDS
	03	14	17	31.9	48.076	N	147.405	E	434		3.8		0.6	18	SEA OF OKHOTSK
	03	14	27	57.4	39.270	N	0.484	W	10	G			1.2	18	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Valencia area.
	03	14	53	01.4*	52.943	N	166.666	W	33	N	4.2		0.6	10	FOX ISLANDS, ALEUTIAN ISLANDS
a	03	15	28	11.3	14.843	S	167.305	E	140	G	5.2		1.3	134	VANUATU ISLANDS. Mw 5.2 (HRV).
	03	15	42	05.7*	22.602	S	169.743	E	33	N	4.8	4.3	1.2	55	LOYALTY ISLANDS REGION
	03	16	00	25.5%	36.874	N	2.167	W	10	G			1.1	12	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	03	16	16	44.4%	39.936	N	1.972	W	10	G			1.0	6	SPAIN. mbLg 3.0 (MDD).
	03	16	47	29.8*	41.719	N	19.954	E	10	G			0.8	9	ALBANIA. ML 2.6 (SKO), 2.5 (TTG).
	03	16	58	01.5*	0.220	S	122.848	E	150	G	4.0		0.7	12	MINAHASSA PENINSULA, SULAWESI
a	03	17	07	42.5	5.883	S	148.344	E	111		4.9		1.0	55	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
	03	17	21	23.8	36.951	N	2.136	W	12				1.1	21	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Almeria area, Spain.
	03	17	21	39.4	37.192	N	114.826	W	5	G			0.6	21	SOUTHERN NEVADA. ML 3.8 (GS). MD 3.9 (REN).
	03	17	59	47.5	4.693	S	152.795	E	60	G	4.8		0.7	34	NEW BRITAIN REGION, P.N.G.
	03	18	00	19.9*	37.839	S	51.345	E	10	G	4.2		0.7	12	SOUTH INDIAN OCEAN
	03	19	01	29.3%	43.057	N	18.821	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	03	19	22	52.2*	7.139	S	129.387	E	33	N	3.9		1.0	11	BANDA SEA

	03	19	54	54.7?	36.85	N	2.23	W	10	G			0.7	8	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	03	20	08	08.4*	22.997	S	169.307	E	33	N	3.8		0.6	10	LOYALTY ISLANDS REGION
	03	20	08	33.1*	35.927	N	53.124	E	33	N	4.0		1.3	24	NORTHERN IRAN
	03	20	58	59.3	32.429	S	179.655	E	400	G	5.0		1.2	93	SOUTH OF KERMADEC ISLANDS
	03	21	42	41.4?	18.08	N	76.74	W	20	G	3.8		1.0	14	JAMAICA REGION
	03	21	49	33.3?	36.83	N	2.19	W	10	G			0.7	5	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	03	21	51	34.2*	20.266	S	177.843	W	450	G	4.1		1.5	20	FIJI ISLANDS REGION
	03	22	20	34.5	54.329	N	160.181	W	33	N	4.7	4.5	0.9	130	ALASKA PENINSULA. ML 4.6 (PMR).
	03	22	27	36.1	39.999	N	21.687	E	5	G			1.3	9	GREECE. MD 3.1 (ATH).
	03	22	44	32.0&	47.020	N	76.290	W	18	G	3.4			15	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.9 (OTT), 3.4 (GS). Felt at Grand-Remous and Maniwaki.
	03	23	04	07.4	42.935	N	20.317	E	10	G			1.2	11	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	03	23	17	21.7*	28.420	N	55.193	E	33	N	4.2		1.0	11	SOUTHERN IRAN
	03	23	40	58.2*	23.236	S	169.771	E	33	N	4.8	4.7	1.4	53	LOYALTY ISLANDS REGION
	04	01	07	37.6	54.095	N	164.099	W	40		4.7	4.2	0.9	130	UNIMAK ISLAND REGION. ML 4.7 (PMR). Felt (III) at Akutan and False Pass.
a	04	02	15	41.3	31.850	S	178.619	W	10	G	5.3		1.1	171	KERMADEC ISLANDS REGION. Mw 5.2 (HRV). Felt (II) on Raoul Island.
	04	03	12	26.0*	41.138	N	20.116	E	10	G			1.1	11	ALBANIA. ML 2.7 (TTG).
	04	03	18	09.2	40.662	N	23.553	E	10	G			1.3	16	GREECE. MD 3.2 (ATH).
	04	03	32	54.9?	33.08	S	70.05	W	33	N			1.1	7	CHILE-ARGENTINA BORDER REGION
	04	04	09	34.7*	52.739	N	143.120	E	33	N	4.3	3.5	1.2	26	SAKHALIN ISLAND
	04	05	47	07.6*	29.052	N	142.531	E	33	N	4.4		1.2	12	SOUTH OF HONSHU, JAPAN
	04	06	08	44.6&	37.418	N	118.620	W	12					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	04	06	19	01.6	7.285	S	145.055	E	33	N	4.8		0.9	26	NEAR S COAST OF NEW GUINEA, PNG.
	04	06	49	33.9	24.124	N	122.455	E	40	G	4.3		1.1	29	TAIWAN REGION
	04	08	24	33.1*	43.804	N	147.353	E	33	N	4.2		0.7	10	KURIL ISLANDS
	04	10	08	45.7&	61.709	N	151.882	W	90					62	SOUTHERN ALASKA. <AEIC>.
	04	10	15	25.4*	1.137	S	22.025	W	10	G	4.2		1.1	20	CENTRAL MID-ATLANTIC RIDGE
	04	10	48	26.0	11.544	N	126.130	E	70	G	4.5		1.2	30	PHILIPPINE ISLANDS REGION
	04	10	50	34.1*	10.741	S	74.255	W	100	G	4.1		1.2	15	CENTRAL PERU
	04	11	13	04.3	20.044	S	70.740	W	60	G	4.7		1.1	38	NEAR COAST OF NORTHERN CHILE
	04	11	33	44.5*	33.377	S	72.419	W	15	G	4.0		1.4	18	OFF COAST OF CENTRAL CHILE
	04	12	02	36.7	56.032	S	27.164	W	70	G	4.6		0.6	20	SOUTH SANDWICH ISLANDS REGION
	04	12	18	58.9	33.312	S	72.182	W	33	N	4.9		1.0	75	OFF COAST OF CENTRAL CHILE
	04	12	33	51.7	24.263	S	67.001	W	175	*	4.3		0.9	26	CHILE-ARGENTINA BORDER REGION
	04	12	34	45.2	44.322	N	7.315	E	10	G			0.6	17	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
	04	14	03	13.5*	9.803	S	159.440	E	540	G	4.8		1.0	15	SOLOMON ISLANDS
	04	14	16	36.5	40.627	N	79.097	E	50	G	4.3		1.5	37	SOUTHERN XINJIANG, CHINA
	04	15	11	59.3	42.922	N	145.266	E	74		4.6		0.9	75	HOKKAIDO, JAPAN REGION
	04	15	23	52.8*	18.442	S	175.646	W	150	G	4.5		1.2	18	TONGA ISLANDS
	04	16	40	39.4*	22.629	S	170.229	E	33	N	3.9		1.2	16	LOYALTY ISLANDS REGION
	04	16	45	13.9	11.396	N	125.805	E	33	N	4.4		0.8	25	SAMAR, PHILIPPINE ISLANDS
	04	16	55	40.4*	48.741	N	150.638	E	320	G	3.7		1.0	14	NORTHWEST OF KURIL ISLANDS
	04	16	59	45.0%	42.519	N	18.386	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	04	17	39	35.0	4.905	N	74.493	W	61		4.9		1.3	32	COLOMBIA. Felt slightly at Bogota, Ibague and San Juan de Rioseco.
	04	18	27	35.4*	38.810	N	27.628	E	10	G			1.0	5	TURKEY. MD 3.6 (ATH). Felt in the Manisa area.
	04	18	35	50.9?	23.05	N	124.73	E	33	N	4.2		1.5	6	SOUTHWESTERN RYUKYU ISLANDS
	04	19	37	00.8%	43.064	N	18.818	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	04	19	57	02.2*	21.230	N	120.883	E	33	N	3.9		1.1	9	TAIWAN REGION
	04	20	15	42.5*	40.192	N	21.576	E	10	G	3.7		1.8	24	GREECE. MD 3.3 (ATH). ML 3.2 (TTG).
	04	20	36	03.6	24.346	S	125.928	E	10	G			1.1	11	WESTERN AUSTRALIA
	04	20	57	33.6	5.324	S	151.197	E	86	D	4.6		0.8	26	NEW BRITAIN REGION, P.N.G.
	04	22	01	07.5&	60.097	N	152.913	W	117		4.2			101	SOUTHERN ALASKA. <AEIC>.
	04	22	04	50.0	44.674	N	6.858	E	10	G			0.6	12	FRANCE. ML 1.9 (LDG).
	04	23	09	44.1?	33.28	S	72.58	W	20	G			0.4	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	05	00	16	59.4	18.959	N	108.617	E	10	G	4.4		1.0	32	HAINAN ISLAND, CHINA
	05	00	47	31.9?	24.64	S	179.54	E	600	G	3.9		0.6	7	SOUTH OF FIJI ISLANDS
	05	01	01	54.1&	61.782	N	150.653	W	64					38	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	05	01	04	11.3&	60.302	N	152.079	W	75					22	SOUTHERN ALASKA. <AEIC>.
	05	01	11	17.0%	34.718	S	71.560	W	40	G			0.3	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	05	01	36	42.4?	39.36	N	139.42	E	250	G	4.1		0.9	8	NEAR WEST COAST OF HONSHU, JAPAN
	05	05	00	41.0*	33.651	N	139.984	E	97	?	4.0		1.1	15	SOUTH OF HONSHU, JAPAN
	05	05	11	09.0*	17.118	S	168.387	E	229	?	4.0		1.1	38	VANUATU ISLANDS
	05	05	20	19.0	39.367	N	20.246	E	10	G	4.6	3.8	1.3	172	GREECE-ALBANIA BORDER REGION. ML 4.6 (ROM), 4.4 (ATH), 4.4 (TTG), 4.3 (THE). Felt along the northwestern coast of Greece and on Corfu.
	05	05	36	53.4	44.796	N	28.041	W	10	G	4.1	3.7	0.9	38	NORTHERN MID-ATLANTIC RIDGE
	05	05	48	53.7*	1.768	N	30.364	W	10	G	4.3		1.3	19	CENTRAL MID-ATLANTIC RIDGE
	05	06	30	33.5*	23.331	S	170.646	E	33	N	4.3		1.2	16	LOYALTY ISLANDS REGION
	05	06	50	43.6%	47.091	N	2.216	W	10	G			0.7	15	FRANCE. ML 2.4 (LDG).
	05	07	04	50.2	30.270	S	177.831	W	33	N	5.0	4.7	1.1	41	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) on Raoul Island.
	05	07	06	21.8	40.433	N	29.312	E	10	G			1.0	9	TURKEY
	05	07	32	23.1?	15.02	N	60.43	W	100	G			0.1	7	LEEWARD ISLANDS
	05	07	42	09.9	44.890	N	28.112	W	10	G	4.6	4.3	1.0	58	NORTHERN MID-ATLANTIC RIDGE
	05	07	45	20.9	44.914	N	28.057	W	10	G	4.5		0.7	25	NORTHERN MID-ATLANTIC RIDGE
	05	07	47	06.4%	37.067	N	2.596	W	10	G			0.3	7	SPAIN. mbLg 2.8 (MDD).
	05	07	55	20.6*	44.948	N	28.004	W	10	G	3.7		0.5	13	NORTHERN MID-ATLANTIC RIDGE
	05	08	14	22.6	44.892	N	28.078	W	10	G	4.6	4.5	0.9	102	NORTHERN MID-ATLANTIC RIDGE
	05	08	29	43.0*	46.192	N	152.656	E	33	N	4.6		0.8	11	KURIL ISLANDS
	05	09	29	35.3*	35.248	N	2.363	W	10	G			0.8	16	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). Felt (II) on the Chafarinas Islands, Spain.
	05	10	55	32.9*	15.710	S	168.195	E	33	N	4.1		0.9	28	VANUATU ISLANDS
	05	11	12	50.4	42.064	N	20.602	E	10	G			1.1	10	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	05	12	43	59.5*	26.769	S	71.705	W	33	N	4.4		1.0	8	OFF COAST OF NORTHERN CHILE. Felt (III) at Copiapo.
	05	13	47	35.8	38.683	N	26.691	E	33	N	3.5		0.8	17	AEGEAN SEA. MD 3.9 (ATH).
	05	13	49	50.0&	59.913	N	153.266	W	125		3.1			77	SOUTHERN ALASKA. <AEIC>.
	05	14	15	09.0&	63.280	N	151.252	W	10					42	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
	05	14	59	46.9&	34.888	N	119.199	W	10					49	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.4 (GS). Felt at Gorman.
	05	15	34	49.9%	33.644	S	71.447	W	33	N			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).

	05	16	20	29.4*	27.502	S	70.430	W	33	N		1.0	13	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Copiapo.
	05	16	31	03.4*	40.255	N	21.701	E	5	G		0.3	5	GREECE. MD 3.0 (ATH).
	05	16	43	43.7?	36.77	N	2.95	W	10	G		0.0	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	05	16	46	02.6	30.052	N	67.957	E	33	N	4.5 3.7	1.0	68	PAKISTAN
	05	16	50	23.7?	38.81	N	21.51	E	5	G		1.1	4	GREECE. MD 3.0 (ATH).
	05	17	32	34.6*	39.993	N	21.642	E	5	G		0.3	5	GREECE. MD 3.0 (ATH).
	05	17	58	09.2	0.668	N	120.986	E	62	D	4.8	0.9	46	MINAHASSA PENINSULA, SULAWESI
	05	18	20	46.7*	40.064	N	21.486	E	10	G		0.5	5	GREECE. MD 3.1 (ATH).
	05	18	28	09.5*	40.129	N	21.468	E	5	G		0.9	5	GREECE. MD 3.0 (ATH).
	05	18	32	45.6	39.968	N	21.563	E	5	G	3.4	1.1	9	GREECE. MD 3.3 (ATH).
	05	18	45	13.1*	60.477	S	31.496	W	10	G	4.4 4.1	1.3	25	SCOTIA SEA
	05	19	31	03.5*	23.110	S	179.294	W	370	?	4.0	1.0	19	SOUTH OF FIJI ISLANDS
	05	19	35	50.6	2.153	N	126.604	E	33	N	4.5	0.9	19	NORTHERN MOLUCCA SEA
a	05	20	20	17.5	18.435	N	120.852	E	48		5.4 5.3	1.0	302	LUZON, PHILIPPINE ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Minor structural damage at Laoag. Felt in the Laoag area.
	05	20	23	33.5%	33.394	S	70.289	W	10	G		0.3	5	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	05	20	36	46.5*	4.879	S	154.028	E	400	G	3.9	0.6	14	SOLOMON ISLANDS
	05	21	13	36.1*	12.434	N	125.613	E	33	N	4.1	0.8	10	SAMAR, PHILIPPINE ISLANDS
	05	21	23	07.6?	3.85	S	144.33	E	33	N	3.6	0.6	6	NEAR N COAST OF NEW GUINEA, PNG.
	05	21	33	28.9*	23.661	S	170.243	E	33	N	4.0	0.9	14	LOYALTY ISLANDS REGION
	05	21	34	26.7*	13.467	S	166.538	E	100	G	4.0	1.0	12	VANUATU ISLANDS
	05	21	45	26.4*	23.142	S	169.818	E	33	N	4.0	0.8	16	LOYALTY ISLANDS REGION
	05	22	42	11.2*	14.737	S	167.196	E	200	G	4.2	1.1	60	VANUATU ISLANDS
a	05	23	15	43.1	12.160	N	57.848	E	10	G	5.0 4.8	1.0	124	ARABIAN SEA. Mw 5.2 (HRV).
	05	23	20	39.5%	34.340	S	70.603	W	110	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	05	23	22	04.6*	18.425	N	121.071	E	33	N	4.3	0.6	7	LUZON, PHILIPPINE ISLANDS
	05	23	56	12.6?	40.06	N	21.54	E	5	G		0.3	4	GREECE
	05	23	56	39.9?	40.40	N	20.98	E	5	G		0.6	4	GREECE-ALBANIA BORDER REGION
	06	00	03	05.1	26.533	N	67.355	E	33	N	4.7 4.1	1.0	67	PAKISTAN
	06	00	05	58.3	38.797	N	0.839	W	5	G		0.9	11	SPAIN. mbLg 2.7 (MDD).
	06	00	14	24.9*	1.314	N	123.251	E	33	N	4.6	1.1	22	MINAHASSA PENINSULA, SULAWESI
	06	00	23	52.3	43.507	N	1.874	W	10	G		0.8	11	PYRENEES. mbLg 2.9 (MDD). ML 2.6 (LDG).
	06	00	30	40.1%	44.593	N	6.666	E	10	G		0.7	6	FRANCE. ML 1.9 (GEN).
	06	00	46	52.0	40.157	N	21.761	E	10	G	3.8	1.3	27	GREECE. MD 3.4 (ATH). ML 3.2 (TTG).
	06	01	04	04.4*	53.089	S	139.923	E	10	G	3.9	0.8	10	WEST OF MACQUARIE ISLAND
	06	02	07	48.4	3.880	S	152.167	E	33	N	4.7	0.9	33	NEW IRELAND REGION, P.N.G.
	06	02	13	25.4?	4.25	S	152.01	E	200	G	4.3	0.7	7	NEW BRITAIN REGION, P.N.G.
	06	02	25	15.7?	23.14	S	175.13	W	33	N	4.1	0.5	6	TONGA ISLANDS REGION
	06	02	31	23.1*	27.029	N	55.396	E	33	N	4.1	0.5	21	SOUTHERN IRAN
	06	02	55	39.4?	4.74	S	135.56	E	33	N	4.2	1.3	5	IRIAN JAYA REGION, INDONESIA
	06	03	03	53.1*	18.776	S	169.301	E	264	*	4.7	1.1	62	VANUATU ISLANDS
	06	03	23	47.5*	26.639	S	175.870	W	58	?	4.6	1.0	34	SOUTH OF TONGA ISLANDS
	06	03	54	31.5?	20.33	S	178.78	W	600	G	4.3	0.7	8	FIJI ISLANDS REGION
a	06	04	04	58.2&	60.261	N	146.424	W	15	G	5.3 5.1		388	SOUTHERN ALASKA. <AEIC>. Mw 5.4 (HRV). ML 5.2 (AEIC), 5.6 (PMR). Ms 4.6 (BRK). Felt (IV) at Cordova; (III) at Cooper Landing, Elmendorf Air Force Base, Moose Pass, Seward and Valdez; (II) at Anchorage and Palmer. Also felt at Alyeska Pump Station 12 and Whittier.
	06	04	27	32.9&	60.272	N	146.402	W	15	G	3.8		94	SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC).
	06	04	35	59.7	40.175	N	21.634	E	20	G	4.2	1.2	117	GREECE. ML 4.3 (THE), 4.3 (TTG), 4.2 (ATH). Felt strongly at Kozani. Also felt at Grevena.
	06	04	41	57.6&	60.245	N	146.475	W	15	G			53	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	06	05	03	48.1*	2.608	S	102.096	E	68	*	4.5	1.2	28	SOUTHERN SUMATERA, INDONESIA
	06	05	06	09.1?	2.84	S	101.99	E	151	?	3.9	1.0	10	SOUTHERN SUMATERA, INDONESIA
	06	05	13	52.9*	18.975	S	169.357	E	280	*	4.6	1.2	72	VANUATU ISLANDS
	06	05	32	31.2&	60.265	N	146.486	W	15	G			45	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	06	05	44	05.5%	54.209	N	168.292	E	33	N	4.4	0.9	12	KOMANDORSKY ISLANDS REGION
	06	05	58	37.7%	44.528	N	6.768	E	10	G		0.2	5	FRANCE
	06	06	49	33.3	31.618	S	72.147	W	33	N	4.1	0.7	17	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	06	06	54	38.1?	31.82	S	71.85	W	33	N		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	06	07	01	44.8	31.530	S	72.106	W	10	G	4.3	1.2	28	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	06	07	26	58.7	31.736	S	71.906	W	30	G		0.5	16	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	06	07	58	21.0&	60.238	N	146.368	W	15	G	3.3		70	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
	06	08	01	17.0&	60.217	N	146.333	W	15	G			38	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	08	24	17.9	31.635	S	71.995	W	33	N		0.6	15	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	06	08	53	35.7*	47.268	N	0.895	W	5	G		0.9	13	FRANCE. ML 3.5 (LDG).
	06	09	02	05.0*	40.129	N	21.814	E	5	G		0.3	5	GREECE. MD 3.1 (ATH).
	06	09	30	39.4&	60.760	N	150.742	W	44				50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	10	00	52.4*	12.854	N	126.565	E	33	N	4.0	0.7	8	PHILIPPINE ISLANDS REGION
	06	10	22	08.7?	10.42	N	127.29	E	33	N	4.0	0.9	6	PHILIPPINE ISLANDS REGION
	06	10	53	41.0?	41.90	N	20.08	E	10	G		0.4	7	ALBANIA. ML 2.2 (TTG).
	06	10	57	31.7*	1.782	S	100.670	E	91	?	4.3	0.8	17	SOUTHERN SUMATERA, INDONESIA
	06	11	06	12.0&	53.750	N	131.350	W	10	G	4.2		24	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 4.3 (PGC). Felt at Prince Rupert, British Columbia. Also felt in the Masset-Queen Charlotte City area, Graham Island.
	06	11	21	05.2	44.252	N	6.644	E	10	G		0.3	19	FRANCE. ML 2.4 (LDG).
	06	12	16	14.7&	60.280	N	146.372	W	15	G	3.2		69	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
	06	12	33	32.7*	55.661	N	165.912	E	33	N	4.0	1.4	14	KOMANDORSKY ISLANDS REGION
	06	12	40	02.1&	40.260	N	120.305	W	0				5	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	06	12	55	26.6&	40.395	N	120.146	W	0				8	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 3.0 (BRK).
	06	13	11	50.5*	12.015	N	126.046	E	33	N	4.3	0.9	10	PHILIPPINE ISLANDS REGION
	06	13	17	34.3*	1.244	S	14.482	W	10	G	4.5 4.8	1.1	20	NORTH OF ASCENSION ISLAND
	06	13	31	15.3?	35.43	N	25.69	E	5	G		0.2	4	CRETE. MD 3.6 (ATH).
	06	13	34	06.4?	22.13	S	179.28	W	600	G	3.9	1.3	12	SOUTH OF FIJI ISLANDS
a	06	13	44	03.2	7.209	N	123.697	E	34		5.1 4.9	1.0	131	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	06	13	48	15.5%	33.487	S	70.847	W	70	G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	06	14	48	09.4?	12.76	N	126.62	E	33	N	3.7	0.7	6	PHILIPPINE ISLANDS REGION
	06	14	58	48.5%	37.259	N	4.190	W	5	G		0.7	13	SPAIN. mbLg 3.1 (MDD).
	06	15	11	46.9*	39.205	N	20.994	E	5	G		0.7	5	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	06	15	17	55.3	40.243	N	21.880	E	5	G		0.8	7	GREECE. MD 3.0 (ATH).
	06	15	22	16.0*	50.245	N	18.903	E	10	G		1.0	6	POLAND
	06	15	53	56.9?	45.89	N	28.80	W	10	G	3.9	0.4	8	NORTHERN MID-ATLANTIC RIDGE

	06	15	59	31.4*	25.300	S	13.609	W	10	G	4.2		1.2	14	SOUTHERN MID-ATLANTIC RIDGE
	06	16	09	33.1*	51.971	N	170.481	W	33	N	4.3		0.8	23	FOX ISLANDS, ALEUTIAN ISLANDS
	06	16	29	41.0*	34.239	S	71.040	W	60	G			0.4	12	NEAR COAST OF CENTRAL CHILE
	06	17	58	21.5	39.209	N	20.685	E	33	N	3.7		1.2	40	GREECE-ALBANIA BORDER REGION. ML 3.8 (ATH), 3.6 (THE). Felt at Arta, Greece.
	06	18	30	46.3&	63.279	N	151.259	W	12					48	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	06	18	59	13.1?	5.91	S	133.53	E	33	N	3.4		1.3	7	ARU ISLANDS REGION, INDONESIA
	06	19	12	12.2*	36.882	N	2.454	E	10	G			0.9	6	NORTHERN ALGERIA. mbLg 3.0 (MDD).
	06	19	25	25.0&	63.336	N	149.764	W	107					51	CENTRAL ALASKA. <AEIC>.
	06	19	39	39.0?	15.73	N	60.67	W	33	N			0.2	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	06	20	12	14.0*	38.817	N	21.589	E	5	G			1.0	6	GREECE. MD 2.9 (ATH).
	06	21	12	56.6*	39.188	N	20.912	E	5	G			0.4	5	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	06	21	19	42.2	39.200	N	20.730	E	55		4.0		1.0	41	GREECE-ALBANIA BORDER REGION. MD 3.7 (ATH).
	06	21	27	11.8&	36.220	N	89.470	W	5	G				14	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 3.1 (SLM). mbLg 3.6 (GS). Felt (III) at Bogota and Ridgely, Tennessee. Also felt at Dyersburg, Tennessee.
	06	22	25	39.0*	46.349	N	13.426	E	10	G			0.6	7	AUSTRIA. MD 2.4 (TRI). ML 2.2 (VIE).
	06	22	49	59.9*	59.739	S	26.460	W	33	N	4.7		1.1	25	SOUTH SANDWICH ISLANDS REGION
	06	23	21	23.9	22.967	N	121.485	E	33	N	4.8	4.5	1.0	100	TAIWAN REGION
	07	00	20	08.0*	4.591	N	126.555	E	33	N	4.5		1.0	19	TALAUD ISLANDS, INDONESIA
a	07	00	53	47.6	51.344	N	179.289	W	30	D	5.3	4.7	0.9	320	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.3 (HRV). ML 5.4 (PMR). Felt (III) on Adak.
	07	01	00	02.4*	33.639	S	179.517	W	33	N	4.6		1.2	16	SOUTH OF KERMADEC ISLANDS
	07	01	17	58.7&	46.231	N	0.043	E	10	G			0.9	9	FRANCE. ML 2.1 (LDG).
	07	01	27	47.2&	11.898	N	125.522	E	33	N	4.4		0.6	14	SAMAR, PHILIPPINE ISLANDS
	07	01	45	29.7	47.145	N	9.840	E	5	G			1.2	8	GERMANY. ML 2.3 (VIE), 2.3 (FUR).
	07	02	39	48.6*	20.058	S	177.536	W	488	?	4.5		1.1	21	FIJI ISLANDS REGION
	07	03	12	26.8*	51.951	N	170.503	W	33	N	4.0		1.3	20	FOX ISLANDS, ALEUTIAN ISLANDS
	07	03	35	44.4	45.676	N	5.811	E	5	G			1.2	11	FRANCE. ML 2.3 (LDG).
	07	04	52	05.8	10.055	N	122.261	E	33	N	4.5	4.0	0.8	20	PANAY, PHILIPPINE ISLANDS
	07	05	59	03.3?	5.42	S	147.05	E	220		4.5		1.2	9	EASTERN NEW GUINEA REG., P.N.G.
	07	06	34	19.1&	34.081	S	70.777	W	80	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	07	08	08	35.0*	0.666	N	123.868	E	200	G	4.6		1.1	25	MINAHASSA PENINSULA, SULAWESI
a	07	08	26	53.7*	34.828	S	54.194	E	10	G	4.9	4.7	1.2	23	SOUTHWEST INDIAN RIDGE. Mw 5.3 (HRV).
	07	08	35	37.3	45.515	N	6.699	E	10	G			0.3	11	FRANCE
	07	08	37	37.6	40.167	N	21.699	E	58		4.1		0.9	46	GREECE. MD 3.8 (ATH).
	07	09	02	31.2*	40.173	N	21.800	E	10	G			0.5	5	GREECE. MD 3.0 (ATH).
	07	09	12	09.6?	2.26	N	127.71	E	33	N	4.1		0.9	10	NORTHERN MOLUCCA SEA
	07	09	51	24.7*	16.758	N	99.685	W	33	N	3.8		1.0	15	NEAR COAST OF GUERRERO, MEXICO
	07	10	04	06.3&	31.989	N	49.234	E	33	N	4.3		0.9	9	WESTERN IRAN
	07	10	06	36.4*	50.268	N	18.841	E	10	G			0.4	5	POLAND. MG 3.4 (WAR).
	07	10	10	27.6&	32.864	N	115.776	W	14					25	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	07	10	28	12.8	40.115	N	21.894	E	10	G			0.6	6	GREECE. MD 3.1 (ATH).
	07	10	41	28.4?	34.49	S	70.34	W	10	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	07	10	47	47.0?	34.47	S	70.39	W	10	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	07	11	02	44.2	13.276	S	170.411	E	650	*	4.6		0.6	22	VANUATU ISLANDS REGION
a	07	11	43	14.9	0.308	S	15.984	W	10	G	4.9	4.6	0.8	92	NORTH OF ASCENSION ISLAND. Mw 5.1 (HRV).
	07	13	19	38.5*	11.443	N	125.887	E	33	N	4.2		1.1	12	SAMAR, PHILIPPINE ISLANDS
	07	13	32	29.0?	4.14	S	144.44	E	33	N	3.9		1.0	7	NEAR N COAST OF NEW GUINEA, PNG.
	07	14	08	45.3&	37.073	N	4.228	W	23				1.0	13	SPAIN. mbLg 2.9 (MDD).
	07	15	58	21.1*	22.996	S	169.691	E	33	N	4.3		1.2	27	LOYALTY ISLANDS REGION
	07	16	19	27.2	11.363	S	115.345	E	33	N	4.0		1.1	15	SOUTH OF BALI, INDONESIA
	07	16	20	34.0	36.968	N	2.145	W	10	G			0.8	37	STRAIT OF GIBRALTAR. MD 4.1 (PDA). mbLg 4.0 (MDD). Felt (IV) in the Almeria area, Spain.
	07	16	35	45.7*	8.412	S	119.751	E	186	*	4.3		1.0	10	FLORES REGION, INDONESIA
	07	17	27	22.0	23.858	N	94.532	E	86	D	4.6		0.9	26	MYANMAR-INDIA BORDER REGION
	07	17	58	37.0*	3.570	S	140.407	E	96	*	4.6		0.8	12	IRIAN JAYA, INDONESIA
	07	18	51	36.9?	21.41	S	169.47	E	33	N	4.0		1.4	12	LOYALTY ISLANDS REGION
	07	19	03	38.2?	43.50	N	18.85	E	10	G			0.5	7	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	07	19	29	49.7*	11.813	N	125.945	E	33	N	4.1		1.3	10	SAMAR, PHILIPPINE ISLANDS
	07	19	44	58.3*	11.812	N	125.743	E	33	N	4.2		1.0	13	SAMAR, PHILIPPINE ISLANDS
	07	19	57	59.2	12.916	S	168.619	E	600	G	4.8		0.9	127	SANTA CRUZ ISLANDS REGION
	07	20	02	56.8?	63.51	S	171.00	E	10	G	4.3	4.7	1.4	7	BALLENY ISLANDS REGION
	07	20	12	03.1*	18.758	S	65.617	E	10	G	4.0		0.9	15	MAURITIUS-REUNION REGION
	07	20	12	55.5	51.609	N	16.205	E	10	G			0.8	17	POLAND. ML 3.2 (GRF), 2.6 (CLL).
	07	20	23	44.6	40.129	N	21.768	E	5	G			0.4	14	GREECE. MD 3.2 (ATH). ML 3.1 (TTG).
	07	20	32	14.1?	37.00	N	2.31	W	5	G			0.5	4	SPAIN. mbLg 2.4 (MDD).
	07	20	36	47.6?	25.06	N	128.80	E	33	N	4.1		0.5	8	RYUKYU ISLANDS
a	07	20	59	43.5	11.809	N	125.859	E	33	N	4.9	4.4	1.0	85	SAMAR, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	07	21	22	22.3*	11.731	N	125.741	E	33	N	4.1		1.0	13	SAMAR, PHILIPPINE ISLANDS
	07	21	23	50.0*	11.816	N	125.882	E	33	N	4.1		0.9	10	SAMAR, PHILIPPINE ISLANDS
	07	21	29	03.8*	11.815	N	125.797	E	33	N	4.2		0.7	14	SAMAR, PHILIPPINE ISLANDS
	07	21	38	42.9&	63.532	N	150.041	W	134					83	CENTRAL ALASKA. <AEIC>.
	07	21	53	15.3&	11.785	N	125.632	E	33	N	4.2		0.7	9	SAMAR, PHILIPPINE ISLANDS
	07	22	17	17.9	11.759	N	125.737	E	33	N	4.5	4.3	0.7	45	SAMAR, PHILIPPINE ISLANDS
	07	22	26	03.7?	49.93	S	115.31	E	33	N	3.8		1.1	4	SOUTH OF AUSTRALIA
	07	22	28	50.5?	49.80	S	114.50	E	10	G	4.3		1.1	6	SOUTH OF AUSTRALIA
	07	22	30	09.0?	46.16	N	149.44	E	33	N	4.4		0.7	9	KURIL ISLANDS
	07	22	49	18.1	33.136	S	72.115	W	25	G	5.0		1.1	65	OFF COAST OF CENTRAL CHILE. MD 5.2 (SAN). Felt (IV) at Valparaiso.
	07	23	09	47.0	32.461	N	48.737	E	33	N	5.0	4.6	1.1	232	WESTERN IRAN
a	07	23	23	16.8	43.572	N	147.154	E	64		5.2		1.0	244	KURIL ISLANDS. Mw 5.0 (HRV). Felt (IV) on Shikotan and (III) at Kurilsk, Iturup.
	07	23	29	30.4	32.396	S	69.277	W	118	*			0.6	16	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	07	23	50	16.6*	6.974	S	129.489	E	122	*	4.4		0.7	14	BANDA SEA
	08	00	26	14.2*	23.224	S	169.559	E	80	G	4.0		0.9	13	LOYALTY ISLANDS REGION
	08	00	34	35.0*	43.297	N	146.825	E	74	*	4.5		1.1	27	KURIL ISLANDS
	08	00	41	11.8	39.945	N	21.766	E	5	G			1.1	7	GREECE. MD 3.0 (ATH).
	08	00	49	04.6	39.562	N	20.471	E	5	G			0.9	7	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	08	01	49	23.8?	23.80	S	168.84	E	10	G	4.0		0.7	6	NEW CALEDONIA
	08	02	06	10.5*	43.016	N	83.259	E	33	N	4.3		1.2	15	NORTHERN XINJIANG, CHINA
	08	02	13	47.9	40.047	N	21.520	E	10	G	3.7		1.2	29	GREECE. MD 3.7 (ATH).

	08	02	49	58.3?	24.49	S	178.95	E	600	G	4.4	0.9	14	SOUTH OF FIJI ISLANDS
	08	03	08	30.9*	50.156	S	115.973	E	10	G	4.3	0.7	7	SOUTH OF AUSTRALIA
	08	03	12	29.3?	6.18	S	147.18	E	83	?	4.1	0.5	5	EASTERN NEW GUINEA REG., P.N.G.
	08	04	11	17.1*	50.041	S	114.924	E	10	G	4.3 4.6	0.9	13	SOUTH OF AUSTRALIA
	08	04	54	27.3	39.972	N	21.887	E	5	G		0.7	20	GREECE. MD 3.4 (ATH). ML 3.2 (TTG).
	08	05	25	54.2*	52.545	N	142.853	E	33	N	4.1	1.0	10	SAKHALIN ISLAND
	08	05	47	46.8%	42.145	N	19.232	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	08	06	14	15.6*	40.127	N	21.821	E	5	G		0.6	5	GREECE. MD 3.3 (ATH).
	08	06	32	08.0?	23.25	S	171.06	E	10	G	4.5	1.0	9	LOYALTY ISLANDS REGION
	08	07	32	15.9*	28.275	N	55.332	E	33	N	4.4	1.2	17	SOUTHERN IRAN
	08	07	37	09.0?	47.48	N	2.83	W	10	G		1.0	11	FRANCE. ML 2.8 (LDG).
	08	08	29	16.5	37.416	N	113.294	W	5	G		1.3	21	UTAH. ML 4.0 (GS). Felt (IV) at Kanarraville; (III) at Cedar City, Springdale and Virgin. Also felt at Colorado City and Toquerville.
	08	10	44	18.7?	22.88	S	170.39	E	33	N	4.4	1.3	11	LOYALTY ISLANDS REGION
	08	10	45	34.5	57.075	N	143.359	W	10	G		0.8	52	GULF OF ALASKA. ML 3.2 (AEIC), 3.0 (PGC).
	08	11	06	56.1	6.061	S	130.320	E	33	N	4.8 4.3	1.2	60	BANDA SEA
	08	11	21	19.6&	61.693	N	150.972	W	63				69	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	08	11	44	26.1*	16.587	N	62.087	W	150	G	3.7	0.5	9	LEEWARD ISLANDS
	08	13	36	26.3	9.781	N	126.270	E	33	N	4.4	0.5	16	MINDANAO, PHILIPPINE ISLANDS
	08	14	14	26.0&	59.875	N	153.089	W	121				42	SOUTHERN ALASKA. <AEIC>.
	08	14	15	08.6*	47.167	N	11.558	E	5	G		0.1	5	AUSTRIA. ML 0.9 (VIE).
	08	16	26	42.3%	34.439	S	70.413	W	10	G		0.6	10	CHILE-ARGENTINA BORDER REGION
	08	16	32	21.1&	48.465	N	121.827	W	6				66	WASHINGTON. <SEA-P>. MD 2.6 (SEA). Felt (III) at Hamilton and (II) at Concrete.
	08	16	47	56.0?	12.00	S	166.39	E	33	N	4.0	1.1	9	SANTA CRUZ ISLANDS
	08	17	16	10.2	9.474	S	112.844	E	59	*	4.5	0.7	29	SOUTH OF JAWA, INDONESIA
	08	17	45	34.9?	3.40	S	102.77	W	10	G	4.4 4.8	1.6	10	CENTRAL EAST PACIFIC RISE
	08	17	51	06.7?	31.54	S	179.99	E	400	G	4.0	1.0	11	KERMADEC ISLANDS REGION
	08	18	14	24.8?	4.00	S	103.12	W	10	G	4.5	1.5	11	CENTRAL EAST PACIFIC RISE
	08	18	33	23.3*	54.050	S	8.212	E	10	G	5.0 4.7	1.0	18	BOUVET ISLAND REGION
	08	18	36	32.7*	40.074	N	21.838	E	5	G		1.4	5	GREECE. MD 3.0 (ATH).
	08	18	39	38.6	40.116	N	21.825	E	5	G		1.1	6	GREECE. MD 3.0 (ATH).
	08	19	19	13.5*	15.916	S	167.789	E	190	?	4.0	0.7	13	VANUATU ISLANDS
	08	19	20	56.6%	44.225	N	8.612	E	5	G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
	08	19	45	54.9	3.096	N	19.438	E	10	G	4.4	0.7	20	ZAIRE
	08	20	21	09.5?	32.36	N	49.05	E	33	N	4.4	1.3	6	WESTERN IRAN
	08	20	24	39.2*	23.088	S	170.628	E	33	N	4.2	1.4	15	LOYALTY ISLANDS REGION
	08	20	47	59.0*	3.033	N	19.326	E	10	G	4.3	0.7	11	ZAIRE
	08	21	42	27.8?	22.49	S	170.65	E	33	N	4.0	1.0	7	LOYALTY ISLANDS REGION
	08	22	29	28.3*	45.587	N	15.102	E	10	G		1.1	7	NORTHWESTERN BALKAN REGION. MD 2.7 (TRI). ML 2.6 (VIE).
	08	22	32	18.4&	34.989	N	116.942	W	8				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS). Felt.
	08	22	49	51.3*	35.878	N	24.020	E	33	N	3.0	0.7	6	CRETE. MD 3.3 (ATH).
	08	23	08	40.4*	40.101	N	21.725	E	5	G		0.4	5	GREECE. MD 2.9 (ATH).
	08	23	58	50.8?	23.00	S	169.55	E	33	N	4.2	1.0	5	LOYALTY ISLANDS REGION
	09	00	46	17.1%	42.954	N	20.287	E	10	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	09	00	50	36.0?	32.35	S	71.64	W	10	G		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	09	01	12	58.7*	6.428	S	147.640	E	79		4.1	1.3	14	EASTERN NEW GUINEA REG., P.N.G.
	09	01	20	12.0?	5.20	N	127.93	E	33	N	4.2	0.8	5	PHILIPPINE ISLANDS REGION
	09	01	26	19.6	31.829	S	68.096	W	110	G		0.8	20	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	09	02	38	21.0	21.612	N	143.092	E	264	?	4.5	0.8	33	MARIANA ISLANDS REGION
	09	03	47	05.0*	5.597	S	103.198	E	33	N	4.2	0.9	16	SOUTHERN SUMATERA, INDONESIA
a	09	04	32	25.5	3.676	S	131.235	E	33	N	5.3 4.9	1.1	110	IRIAN JAYA REGION, INDONESIA. Mw 5.6 (HRV).
	09	04	45	13.9?	2.50	N	123.74	E	33	N	4.3	1.2	8	CELEBES SEA
	09	05	02	42.7?	4.57	S	131.30	E	33	N	4.5	1.3	14	BANDA SEA
a	09	05	35	50.0	21.509	S	67.980	W	132	D	5.3	1.0	184	CHILE-BOLIVIA BORDER REGION. Mw 5.5 (HRV). mb 5.3 (BRK).
	09	05	43	28.3*	12.494	N	125.708	E	33	N	4.8	1.5	76	SAMAR, PHILIPPINE ISLANDS
	09	06	36	53.7%	44.717	N	6.402	E	10	G		0.5	12	FRANCE
	09	06	47	45.5?	18.39	S	169.08	E	211	?	4.2	1.1	16	VANUATU ISLANDS
	09	06	58	11.2*	13.103	N	88.451	W	66	*	4.1	1.0	19	EL SALVADOR. MD 3.5 (SSS). Felt (II) at La Paz.
a	09	08	10	39.7	43.935	N	147.425	E	33	N	5.2 4.3	0.8	212	KURIL ISLANDS. Mw 5.2 (HRV). Ms 4.2 (BRK). Felt (IV) on Shikotan and (III) at Kurilsk, Iturup.
	09	08	24	07.4?	34.83	S	179.87	E	33	N	4.7	1.3	12	SOUTH OF KERMADEC ISLANDS
	09	08	41	55.0?	25.86	N	109.70	W	10	G		1.5	6	GULF OF CALIFORNIA
	09	08	43	43.1?	34.70	S	70.40	W	10	G		0.3	6	CHILE-ARGENTINA BORDER REGION
	09	08	45	47.6&	34.931	N	116.921	W	0				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	09	08	55	41.8?	12.32	N	126.16	E	33	N	4.6	1.4	14	PHILIPPINE ISLANDS REGION
	09	09	06	59.0?	11.34	N	85.15	W	150	G	3.5	0.8	5	NICARAGUA
	09	10	09	01.4?	17.04	N	97.84	W	100	G		1.4	7	OAXACA, MEXICO
	09	10	25	25.6&	34.933	N	116.921	W	0				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.5 (GS).
	09	10	35	19.8%	33.404	S	71.273	W	50	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	09	10	36	10.5*	19.293	N	121.897	E	33	N	4.1	0.8	11	PHILIPPINE ISLANDS REGION
	09	11	19	19.1*	19.031	N	145.669	E	200	G	4.0	0.5	10	MARIANA ISLANDS
	09	11	31	00.6*	65.204	N	134.164	W	10	G		1.6	5	NORTHERN YUKON TERRITORY, CANADA
	09	11	35	58.3	7.188	S	127.692	E	257	*	4.7	0.8	37	BANDA SEA
	09	12	01	56.0	24.038	S	66.945	W	181		4.8	0.9	37	SALTA PROVINCE, ARGENTINA
	09	12	05	07.5?	45.49	N	26.34	E	130	G		0.5	6	ROMANIA
	09	12	18	23.8	1.283	S	14.184	W	10	G	4.9 4.3	0.6	81	NORTH OF ASCENSION ISLAND
	09	12	29	07.2&	60.264	N	146.421	W	0	G			38	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	09	13	50	40.2	12.504	N	125.722	E	33	N	4.8 4.2	1.0	86	SAMAR, PHILIPPINE ISLANDS
	09	14	00	41.2*	43.707	N	18.504	E	10	G		1.1	9	NORTHWESTERN BALKAN REGION. ML 3.1 (TTG).
	09	14	54	04.8?	22.02	S	168.55	E	170	G	3.8	0.9	11	NEW CALEDONIA
	09	15	09	08.6?	43.59	N	18.62	E	10	G		1.0	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	09	15	17	32.4&	60.276	N	150.845	W	49				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	15	20	48.2	40.195	N	21.645	E	10	G	4.0	1.5	53	GREECE. ML 4.0 (TTG), 3.7 (THE). MD 3.8 (ATH). Felt strongly at Kozani. Also felt at Grevena.
	09	16	29	08.1?	12.59	N	88.24	W	50	G	3.7	0.8	16	OFF COAST OF CENTRAL AMERICA. MD 3.5 (SSS). Felt (II) at La Paz, El Salvador.
	09	16	35	04.6	7.325	S	128.502	E	89	*	4.7	0.7	33	BANDA SEA
	09	16	42	27.4&	36.807	N	121.538	W	8				15	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.7 (GS).
a	09	17	01	35.7	46.376	N	152.558	E	33	N	5.0 4.5	0.9	146	KURIL ISLANDS. Mw 5.2 (HRV).

09	18	45	17.2*	46.447	N	152.522	E	59	*	4.1		1.0	20	KURIL ISLANDS
09	18	45	54.1*	34.531	S	71.158	W	70	G			0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
09	18	53	24.0&	42.055	N	20.059	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
09	18	56	52.9&	33.129	S	70.282	W	10	G			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
09	19	09	17.2	40.785	N	25.442	E	10	G			1.1	8	AEGEAN SEA. MD 3.2 (ATH).
09	19	37	22.9&	37.051	N	4.082	W	50	G			0.7	7	SPAIN
09	19	44	04.3&	33.273	N	116.812	W	14					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS) Felt.
09	20	39	42.0&	60.470	N	151.665	W	48					35	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
09	20	46	13.9?	4.39	S	80.34	W	33	N	3.8		1.7	12	PERU-ECUADOR BORDER REGION. Felt (III) at Talara and (II) at Sullana, Peru.
09	21	03	40.1	53.277	N	160.089	E	56	D	4.4		0.9	51	NEAR EAST COAST OF KAMCHATKA
09	21	36	57.4*	44.440	N	128.908	W	10	G	3.8		1.3	17	OFF COAST OF OREGON
09	21	58	32.4&	59.039	N	154.142	W	120		3.7			103	SOUTHERN ALASKA. <AEIC>.
09	22	03	37.3&	60.258	N	146.460	W	0	G				47	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
09	22	17	27.6&	31.045	S	116.604	E	5	G			0.4	5	WESTERN AUSTRALIA
09	22	58	33.6&	60.097	N	152.031	W	59					14	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
09	23	04	56.6	50.450	N	18.969	E	10	G	3.8		1.2	9	POLAND
09	23	28	23.1?	44.57	N	7.29	E	5	G			0.2	4	NORTHERN ITALY. ML 1.7 (GEN).
09	23	30	36.8?	28.56	N	34.60	E	10	G			0.3	8	EGYPT. ML 4.2 (JER). MD 4.0 (HLW).
10	00	18	43.1*	32.624	S	70.966	W	70	G			0.2	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
10	00	21	58.2	15.976	N	61.064	W	33	N			0.4	8	LEEWARD ISLANDS. ML 2.7 (FDF).
10	02	24	41.6*	17.750	S	178.730	W	640	*	4.3		0.7	20	FIJI ISLANDS REGION
10	02	36	10.6	7.097	S	146.990	E	33	N	4.8		0.8	52	EASTERN NEW GUINEA REG., P.N.G. ML 5.1 (PMG).
10	02	47	14.7	53.090	N	142.822	E	33	N	4.5		0.9	75	SAKHALIN ISLAND. Felt (IV) at Neftegorsk and (II) at Okha.
10	03	47	18.7*	50.409	N	18.964	E	10	G			1.4	7	POLAND
10	03	50	37.5	12.161	N	125.671	E	33	N	4.7	4.2	1.1	59	SAMAR, PHILIPPINE ISLANDS
10	04	01	30.1*	12.157	N	125.733	E	33	N	4.1		0.8	18	SAMAR, PHILIPPINE ISLANDS
10	04	04	23.6&	59.938	N	152.900	W	104					42	SOUTHERN ALASKA. <AEIC>.
10	04	08	20.6*	23.060	S	169.955	E	33	N	4.6		1.0	21	LOYALTY ISLANDS REGION
10	04	21	06.9	44.612	N	7.208	E	10	G			0.3	17	NORTHERN ITALY. ML 2.4 (GEN), 2.3 (LDG).
10	04	36	30.1&	61.524	N	150.774	W	67					35	SOUTHERN ALASKA. <AEIC>. ML 2.6 (PMR).
10	04	39	03.2	44.302	N	6.686	E	10	G			0.3	16	FRANCE. ML 2.4 (LDG).
10	04	58	49.4?	34.59	S	70.88	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 1.7 (SAN).
10	05	08	55.7	31.685	N	104.208	E	33	N	4.7		1.1	57	SICHUAN, CHINA. ML 4.6 (BJI).
10	05	23	30.4	61.483	N	139.087	W	5	G			1.0	20	SOUTHERN YUKON TERRITORY, CANADA. ML 3.2 (AEIC), 3.0 (PGC). Felt at Burwash Landing.
10	05	49	36.2?	27.86	N	54.85	E	33	N	4.3		1.4	12	SOUTHERN IRAN
10	06	17	59.4*	10.352	S	161.275	E	105	D	3.9		1.1	11	SOLOMON ISLANDS
10	06	21	00.3	7.793	S	108.152	E	87		4.7		0.7	37	JAWA, INDONESIA
10	06	27	04.8?	36.53	N	21.84	E	5	G			1.7	4	SOUTHERN GREECE. ML 3.5 (ATH).
10	06	37	47.5&	33.771	S	71.724	W	40	G			0.4	7	NEAR COAST OF CENTRAL CHILE
10	07	42	46.2?	33.58	S	70.14	W	110	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
10	07	57	11.5&	60.833	N	152.634	W	145		3.2			86	SOUTHERN ALASKA. <AEIC>.
10	08	28	11.9&	63.498	N	151.143	W	10					10	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.7 (PMR).
10	10	12	08.0	40.149	N	21.869	E	5	G			1.1	10	GREECE. MD 3.1 (ATH).
10	11	25	32.4?	44.89	N	5.52	E	5	G			0.5	6	FRANCE. ML 2.6 (LDG).
10	11	37	35.5&	33.703	N	116.822	W	15					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
10	11	43	16.4&	61.310	N	150.926	W	63					58	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
10	12	15	02.1?	4.83	S	152.06	E	250	G	4.1		0.9	10	NEW BRITAIN REGION, P.N.G.
10	13	32	54.5?	1.20	N	67.53	E	10	G	4.6		1.3	15	CARLSBERG RIDGE
10	14	40	31.3*	58.184	N	142.699	W	10	G	2.8		0.7	23	GULF OF ALASKA. ML 2.6 (AEIC), 3.2 (PGC).
10	14	58	47.8	37.652	N	137.447	E	33	N	4.7		1.0	67	NEAR WEST COAST OF HONSHU, JAPAN
10	15	37	08.2?	22.70	S	179.25	W	600	G	3.8		0.5	7	SOUTH OF FIJI ISLANDS
10	15	38	49.9&	59.114	N	153.783	W	108					31	SOUTHERN ALASKA. <AEIC>.
10	19	00	35.0*	6.714	S	147.622	E	57	*	3.6		1.3	8	EASTERN NEW GUINEA REG., P.N.G.
10	19	04	07.9&	61.611	N	147.285	W	28					79	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
10	19	10	13.0	3.730	N	126.328	E	122	?	4.6		1.2	49	TALAUD ISLANDS, INDONESIA
10	19	15	21.8	44.010	N	146.982	E	33	N	4.2		0.8	19	KURIL ISLANDS
10	19	37	28.5*	35.511	N	0.131	W	10	G	3.4		0.9	14	NORTHERN ALGERIA. mbLg 3.8 (MDD).
10	20	25	01.9?	10.97	N	62.22	W	33	N			0.4	5	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
10	20	40	30.3	44.407	N	7.344	E	5	G			0.6	17	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
10	20	51	40.4*	53.865	S	134.620	W	10	G	4.6	3.8	0.9	25	PACIFIC-ANTARCTIC RIDGE
10	21	35	57.0*	5.233	S	102.477	E	33	N	4.3		1.0	13	SOUTHERN SUMATERA, INDONESIA
11	00	03	15.4?	22.70	S	170.21	E	33	N	4.2		1.2	14	LOYALTY ISLANDS REGION
11	00	19	12.4*	19.424	S	177.702	W	555	*	4.1		0.8	15	FIJI ISLANDS REGION
11	00	37	40.4&	34.076	S	70.320	W	10	G			0.3	5	CHILE-ARGENTINA BORDER REGION
11	01	05	58.6&	63.209	N	150.691	W	133					63	CENTRAL ALASKA. <AEIC>.
11	02	06	16.4?	15.43	N	61.05	W	100	G			0.2	4	LEEWARD ISLANDS
11	02	38	00.1?	44.06	N	147.66	E	33	N	3.9		0.6	8	KURIL ISLANDS
11	03	15	58.9*	4.532	N	126.127	E	110	?	4.2		1.1	15	TALAUD ISLANDS, INDONESIA
11	03	33	53.2&	57.685	N	156.498	W	103					11	ALASKA PENINSULA. <AEIC>.
11	03	45	10.5	12.490	N	124.953	E	33	N	4.3		0.6	19	SAMAR, PHILIPPINE ISLANDS
11	03	49	35.5?	21.48	S	179.11	W	600	G			0.9	13	FIJI ISLANDS REGION
11	04	09	31.1&	65.579	N	151.989	W	14					32	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC).
11	04	12	47.5	32.340	N	137.876	E	383		4.3		0.7	24	SOUTH OF HONSHU, JAPAN
11	04	42	43.8&	34.940	N	116.887	W	0					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
11	04	50	35.6*	7.027	S	129.134	E	153	*	4.6		1.1	10	BANDA SEA
11	05	02	43.5*	3.360	S	135.807	E	33	N	4.1		1.6	6	IRIAN JAYA REGION, INDONESIA
11	05	20	41.8&	34.940	N	116.885	W	0					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
11	05	25	50.2&	59.625	N	152.279	W	64					26	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
11	05	46	47.9*	37.298	N	71.774	E	33	N	4.5		0.6	13	AFGHANISTAN-TAJIKISTAN BORD REG.
11	05	56	28.6?	37.66	N	72.18	E	33	N	4.7		1.0	12	TAJIKISTAN
11	06	04	18.4	40.354	N	120.060	W	5	G			0.2	9	NORTHERN CALIFORNIA. ML 2.8 (GS), 3.0 (BRK). MD 2.9 (GM).
11	07	48	04.5*	6.861	S	80.594	W	35	D	4.5		1.2	28	NEAR COAST OF NORTHERN PERU
11	07	48	15.1*	33.250	S	72.790	W	5	G	4.7		1.5	27	OFF COAST OF CENTRAL CHILE. MD 4.9 (SAN).
11	08	26	35.5?	29.86	N	67.72	E	33	N	4.1		0.8	10	PAKISTAN
11	08	30	37.0*	33.298	S	72.451	W	5	G			0.5	13	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
11	09	02	52.4&	63.268	N	151.126	W	5					67	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.8 (PMR).
11	09	47	16.9	85.428	N	12.227	E	10	G	4.3	4.4	0.9	52	NORTH OF SVALBARD
11	10	48	56.1&	59.952	N	153.555	W	153					15	SOUTHERN ALASKA. <AEIC>.

	11	10	54	45.8&	60.253	N	146.453	W	0				26	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	11	14	49.4	44.671	N	9.534	E	5	G		0.8	23	NORTHERN ITALY. ML 2.6 (GEN), 2.6 (LDG).
	11	11	24	12.4	33.119	S	69.189	W	5	G		0.4	13	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	11	11	47	23.6?	5.34	S	153.50	E	140	?	4.3	1.3	11	NEW IRELAND REGION, P.N.G.
	11	11	50	57.6%	47.950	N	6.556	E	10	G		0.4	5	FRANCE. ML 1.9 (LDG).
	11	13	24	05.3&	60.616	N	142.629	W	15		4.1		65	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC).
	11	13	49	50.6%	43.059	N	19.882	E	5	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	11	14	09	25.4?	12.66	N	125.63	E	33	N	4.5	0.8	8	SAMAR, PHILIPPINE ISLANDS
	11	14	22	36.8%	18.154	N	67.204	W	10	G		0.7	11	MONA PASSAGE. MD 3.1 (MPR).
	11	14	53	13.7	3.884	S	127.480	E	27	D	4.8	1.1	38	SERAM, INDONESIA
	11	15	39	10.4*	49.854	N	29.003	W	10	G	4.2 3.4	0.9	27	NORTHERN MID-ATLANTIC RIDGE
	11	16	25	30.4	43.364	N	16.945	E	10	G		0.9	15	NORTHWESTERN BALKAN REGION. Felt (V) at Makarska.
	11	16	29	45.7*	22.977	S	169.467	E	33	N	4.4	1.4	28	LOYALTY ISLANDS REGION
	11	17	08	20.6	43.324	N	147.022	E	33	N	4.3	0.7	17	KURIL ISLANDS
	11	17	20	11.1	40.143	N	21.682	E	10	G	3.7	1.1	47	GREECE. ML 3.9 (ROM), 3.7 (TTG), 3.6 (THE). MD 3.6 (ATH). Felt at Grevena and Kozani.
	11	18	00	25.4*	51.059	N	15.800	E	10	G		0.9	7	POLAND
	11	18	51	46.6	40.000	N	21.604	E	10	G	4.8	1.2	184	GREECE. MD 4.4 (ATH). ML 4.3 (THE). Felt strongly at Kozani. Felt at Grevena. Also felt (IV) at Bitola, former Yugoslav Republic of Macedonia.
a	11	19	20	50.4	11.742	N	125.859	E	33	D	5.1 5.4	1.1	157	SAMAR, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Ms 5.3 (BRK).
	11	19	27	11.5?	75.55	N	34.31	E	10	G		1.2	10	BARENTS SEA. ML 2.8 (NAO).
	11	19	53	33.9	9.082	S	158.691	E	25	D	4.8 5.1	1.0	64	SOLOMON ISLANDS
	11	20	03	51.0%	34.015	S	70.687	W	80	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	11	20	28	58.7&	36.807	N	121.543	W	9				45	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK), 3.1 (GS).
	11	20	38	22.3	40.094	N	21.584	E	10	G	4.0	1.4	23	GREECE. ML 3.7 (ROM), 3.6 (ATH).
	11	20	52	32.6?	49.94	N	28.95	W	10	G	4.0	0.5	8	NORTHERN MID-ATLANTIC RIDGE
	11	21	16	57.1	44.688	N	9.558	E	5	G		1.1	22	NORTHERN ITALY. ML 2.6 (LDG), 2.5 (GEN).
	11	21	20	11.6?	11.58	N	125.38	E	33	N	4.5	1.4	9	SAMAR, PHILIPPINE ISLANDS
a	11	21	55	48.5	32.624	N	69.680	E	28	D	5.2 5.5	1.0	243	PAKISTAN. Mw 5.7 (HRV).
	11	22	03	50.3*	32.543	N	69.493	E	33	N	4.5	1.0	33	PAKISTAN
	11	22	17	52.8*	46.140	N	12.733	E	10	G		1.6	5	NORTHERN ITALY. MD 2.6 (TRI).
	11	22	50	29.2&	40.410	N	120.110	W	0				13	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
	11	23	23	25.3*	16.050	S	174.050	W	50	?	4.4	1.2	27	TONGA ISLANDS
	11	23	37	30.5%	33.774	S	70.282	W	120	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	11	23	39	51.1	31.887	N	92.446	E	33	N	4.2	1.4	32	XIZANG. ML 3.6 (BJI).
a	12	00	16	47.4	2.369	S	121.197	E	64		5.0	1.1	112	SULAWESI, INDONESIA. Mw 5.3 (HRV). Felt (II) at Palu.
	12	01	04	48.9?	34.56	S	70.38	W	10	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	12	01	30	50.0	39.972	N	21.721	E	10	G		0.8	6	GREECE
	12	01	31	18.7	40.452	N	24.039	E	10	G	3.9	1.0	59	AEGEAN SEA. MD 3.8 (ATH). ML 3.7 (THE), 3.7 (TTG). Felt in central and eastern Khalkidhiki and in the Athos region, Greece.
	12	01	44	31.8?	13.04	N	88.46	W	33	N	4.4	1.5	8	EL SALVADOR
	12	01	48	24.4&	46.405	N	119.263	W	1				70	WASHINGTON. <SEA-P>. MD 3.3 (SEA). Felt.
	12	02	52	12.6	40.030	N	21.763	E	10	G		0.5	10	GREECE. MD 3.1 (ATH).
	12	03	11	18.4*	39.575	N	21.536	E	10	G		1.5	5	GREECE. MD 3.1 (ATH).
	12	03	19	51.2	39.972	N	21.732	E	10	G		1.4	15	GREECE. MD 3.3 (ATH).
a	12	03	35	48.8	8.304	S	75.908	W	34	D	5.7 5.0	0.9	386	CENTRAL PERU. Mw 5.4 (GS), 5.4 (HRV). Ms 4.8 (BRK). Felt (IV) at Tingo Maria, (III) at Huanuco and (II) at Pucallpa.
	12	03	37	30.0*	31.781	N	104.256	E	10	G	4.4	0.6	10	SICHUAN, CHINA. ML 3.7 (BJI).
	12	04	37	30.7?	33.31	S	72.62	W	10	G		0.9	14	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	12	04	41	54.4?	33.32	S	72.56	W	33	N		0.5	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	12	04	43	33.2*	33.364	S	72.475	W	28		4.0	1.2	20	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	12	04	49	22.3&	60.257	N	146.359	W	15	G	3.2		57	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	12	05	27	54.0	39.984	N	21.665	E	10	G		1.0	15	GREECE. MD 3.4 (ATH).
	12	06	21	56.7	40.634	N	20.709	E	10	G		1.4	11	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.7 (TTG).
	12	06	45	04.2?	35.97	N	27.24	E	10	G		1.4	5	DODECANESE ISLANDS. MD 3.6 (ATH).
	12	07	12	15.9%	34.000	S	70.646	W	100	G		0.1	9	CHILE-ARGENTINA BORDER REGION
	12	08	50	37.2?	31.76	S	71.76	W	27			0.4	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	12	08	51	35.3&	63.271	N	151.075	W	12				43	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).
	12	09	21	50.0&	36.830	N	121.567	W	7				36	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	12	10	14	51.1*	40.556	N	23.678	E	10	G		1.5	9	GREECE. MD 2.8 (ATH).
	12	11	15	03.3&	60.242	N	146.424	W	15	G			40	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	12	11	34	57.8?	40.27	N	21.70	E	10	G		1.2	4	GREECE. MD 3.0 (ATH).
	12	12	49	11.6	40.002	N	21.758	E	10	G		1.1	13	GREECE. MD 3.4 (ATH).
	12	12	56	33.2?	51.47	N	179.70	E	33	N	4.0	0.7	5	RAT ISLANDS, ALEUTIAN ISLANDS
	12	13	09	44.8?	10.81	S	123.21	E	33	N	4.4	1.7	9	TIMOR REGION, INDONESIA
	12	13	28	01.1%	33.828	S	70.763	W	80	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
	12	13	55	42.7?	40.06	N	21.75	E	10	G		0.8	4	GREECE. MD 2.9 (ATH).
	12	14	47	58.3	39.218	N	95.292	E	24	D	5.1 4.5	0.9	154	GANSU, CHINA. ML 4.7 (BJI).
	12	15	48	29.1	6.366	S	128.145	E	335		4.5	1.1	26	BANDA SEA
	12	15	57	42.2*	44.340	N	17.089	E	10	G		0.6	14	NORTHWESTERN BALKAN REGION. ML 3.1 (TTG).
	12	16	19	08.2%	44.362	N	7.452	E	10	G		0.7	6	NORTHERN ITALY. ML 1.7 (GEN).
	12	16	28	49.5?	40.21	N	21.73	E	10	G		0.1	4	GREECE. MD 2.9 (ATH).
	12	17	00	06.2	40.617	N	20.787	E	10	G		0.8	13	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.7 (TTG).
	12	17	23	58.0&	60.953	N	138.420	W	5	G	5.1 4.1		223	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 5.2 (PGC), 4.8 (AEIC). Felt strongly at Sheep Mountain. Felt along the Alaska Highway from Burwash Landing to Whitehorse.
	12	17	26	33.6	40.163	N	21.755	E	10	G		1.1	6	GREECE. MD 2.9 (ATH).
	12	17	47	16.4	33.756	S	70.331	W	9		5.0	1.1	65	CHILE-ARGENTINA BORDER REGION. MD 4.8 (SAN). Felt (V) at Rancagua; (IV) at Santiago, Valparaiso and Vina del Mar, Chile.
	12	17	50	10.0&	60.950	N	138.430	W	5	G			11	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 2.7 (PGC), 2.7 (AEIC). Felt at Sheep Mountain.
	12	17	52	49.9%	33.735	S	70.435	W	10	G		0.6	8	CHILE-ARGENTINA BORDER REGION
	12	17	55	19.4%	33.714	S	70.432	W	10	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	12	18	06	03.5%	33.714	S	70.430	W	10	G		0.8	5	CHILE-ARGENTINA BORDER REGION
	12	18	10	25.6%	33.707	S	70.456	W	10	G		0.9	6	CHILE-ARGENTINA BORDER REGION

	12	18	13	34.0	41.747	N	12.423	E	10	G		1.1	54	SOUTHERN ITALY. MD 3.6 (ROM). ML 3.6 (LDG). Felt at Rome.
	12	18	19	06.0*	11.682	N	125.935	E	33	D	4.6	0.8	40	SAMAR, PHILIPPINE ISLANDS
	12	18	43	37.9&	60.257	N	146.391	W	0	G			31	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	12	20	27	06.7%	38.215	N	22.238	E	33	N		0.8	7	GREECE. MD 3.0 (ATH).
	12	20	33	17.4*	46.073	N	149.192	E	33	N	4.2	0.9	15	KURIL ISLANDS
	12	21	08	51.7&	33.181	N	115.601	W	4				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS). Felt.
	12	21	11	20.8%	33.692	S	70.428	W	10	G		1.0	14	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	12	21	23	05.9&	36.341	N	118.084	W	10				38	CENTRAL CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.5 (PAS), 3.5 (GS).
	12	21	59	14.9%	33.742	S	70.374	W	10	G		0.3	5	CHILE-ARGENTINA BORDER REGION
	12	22	18	48.9*	19.529	N	109.180	W	10	G	4.6	1.3	50	REVILLA GIGEDO ISLANDS REGION
	12	22	49	32.4*	0.983	N	126.247	E	33	N	4.1	1.6	6	NORTHERN MOLUCCA SEA
	12	22	51	52.8?	35.13	N	27.53	E	33	N		1.0	5	DODECANESE ISLANDS. MD 3.8 (ATH).
	12	23	31	50.6	51.439	N	176.819	W	33	N	4.8 4.2	1.5	72	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR). Felt (III) on Adak.
	13	00	43	03.5	33.363	S	72.332	W	33	N	3.9	0.7	17	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	13	00	48	49.3?	33.25	S	72.53	W	10	G		0.3	9	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	13	01	36	50.7?	33.35	S	72.45	W	33	N		0.6	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	13	01	59	03.2%	33.727	S	70.439	W	10	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	13	02	24	40.3?	6.64	N	93.99	E	33	N	4.5	1.4	19	NICOBAR ISLANDS, INDIA
	13	03	08	23.1&	59.662	N	151.830	W	62				50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	13	03	09	11.0&	45.918	N	122.980	W	25				62	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 3.0 (SEA). Felt (IV) at Rainier; (II) at Kelso and Longview; (II) at Carrolls and Clatskanie.
	13	03	35	55.0?	34.36	S	70.43	W	10	G		0.6	9	CHILE-ARGENTINA BORDER REGION
	13	04	53	01.7%	33.720	S	70.426	W	10	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	13	04	53	02.9&	34.266	N	118.509	W	15				46	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS). Felt (III) at Reseda. Felt in the San Fernando Valley.
	13	06	15	39.3	53.129	N	143.069	E	10	G	4.6 4.2	1.0	70	SAKHALIN ISLAND. Felt (IV) in the epicentral area and (III) at Neftegorsk.
	13	06	26	23.2%	33.722	S	70.440	W	10	G		0.6	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	13	07	37	28.8	40.776	N	15.496	E	10	G	3.7	1.1	16	SOUTHERN ITALY. MD 3.3 (ROM).
	13	07	49	47.3%	33.272	S	70.125	W	110	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	13	08	31	47.5*	11.343	N	125.823	E	33	N	4.4	1.1	22	SAMAR, PHILIPPINE ISLANDS
	13	08	52	26.5?	16.84	N	61.63	W	80	G		0.8	5	LEEWARD ISLANDS
	13	09	43	36.1*	7.091	S	156.266	E	269	?	4.4	0.7	14	SOLOMON ISLANDS
a	13	10	42	39.8	53.098	N	142.908	E	13	D	5.2 4.5	0.8	255	SAKHALIN ISLAND. Mw 5.2 (HRV). Felt (VI) at Russa; (IV) at Moskalvo and Okha.
	13	11	10	23.0	12.199	N	125.132	E	40	D	4.9 4.3	0.9	89	SAMAR, PHILIPPINE ISLANDS
	13	11	59	03.2*	31.934	S	68.530	W	120	G		0.9	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
	13	12	13	25.7*	12.371	N	88.680	W	33	N	4.5	1.1	31	OFF COAST OF CENTRAL AMERICA. MD 3.9 (SSS). Felt (II) at San Salvador, El Salvador.
	13	12	23	08.7&	62.310	N	150.101	W	0	G			59	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
	13	13	20	45.4%	32.633	S	71.339	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	13	14	09	26.8?	43.76	N	8.36	E	5	G		0.3	7	CORSICA. ML 2.3 (GEN).
	13	14	09	43.5?	34.51	S	70.78	W	100	G		0.2	5	CHILE-ARGENTINA BORDER REGION
	13	14	33	30.7%	33.136	S	70.135	W	120	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	13	15	55	00.8*	36.419	N	69.654	E	33	N	4.5	1.5	18	HINDU KUSH REGION, AFGHANISTAN
	13	16	10	07.8?	23.56	S	169.45	E	33	N	4.1	0.8	10	LOYALTY ISLANDS REGION
	13	17	32	28.9	42.439	N	18.607	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. MD 2.6 (TTG).
	13	17	50	28.4&	60.476	N	150.752	W	40				42	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	18	13	18.7	40.118	N	143.785	E	33	D	4.6 4.4	1.0	71	OFF EAST COAST OF HONSHU, JAPAN
	13	18	25	19.8*	32.268	S	71.850	W	30			0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	13	18	46	30.0&	53.740	N	132.000	W	10	G	4.1		9	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.9 (PGC). Felt strongly at Masset and Port Clements. Also felt at Skidegate.
	13	18	51	47.6?	30.42	S	179.06	E	500	G	4.0	1.5	11	KERMADEC ISLANDS REGION
	13	18	58	05.0	47.299	N	9.226	E	5	G		1.2	16	GERMANY. ML 2.5 (LDG), 2.4 (VIE).
	13	19	33	43.1*	35.167	N	32.282	E	10	G	4.2	1.2	56	CYPRUS REGION. ML 4.3 (ISK), 4.1 (CSS), 4.0 (BHL). Felt (IV) in the Polis area and (III) at Paphos.
	13	19	53	39.7&	34.229	N	116.744	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.4 (PAS), 2.6 (GS).
	13	20	10	14.5	11.494	N	125.986	E	33	N	4.4	1.1	27	SAMAR, PHILIPPINE ISLANDS
	13	20	27	07.0%	44.999	N	3.139	E	5	G		0.4	12	FRANCE. ML 2.8 (LDG).
a	13	21	35	00.0	53.000	N	142.748	E	11	D	5.3 4.8	0.9	290	SAKHALIN ISLAND. Mw 5.2 (HRV). Felt (VI) in the epicentral area and (IV) at Moskalvo and Okha.
	13	21	38	51.9	53.092	N	142.787	E	10	G	4.5	0.5	26	SAKHALIN ISLAND
	13	22	36	43.3&	40.306	N	124.553	W	11				28	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.5 (GM). ML 3.2 (GS), 3.1 (BRK).
	13	23	31	12.0&	63.557	N	151.058	W	8				10	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.8 (PMR).
	13	23	38	34.2?	11.53	N	125.79	E	33	N	3.9	0.4	7	SAMAR, PHILIPPINE ISLANDS
	14	00	48	38.1%	44.453	N	7.179	E	10	G		0.3	7	NORTHERN ITALY. ML 2.0 (GEN).
	14	01	32	41.9?	35.77	N	1.79	W	5	G		1.1	6	NORTHERN ALGERIA. mbLg 3.4 (MDD).
	14	02	01	43.8	11.460	N	125.928	E	33	N	4.5	0.8	29	SAMAR, PHILIPPINE ISLANDS
	14	02	35	22.0	40.001	N	21.819	E	10	G		0.4	6	GREECE. MD 3.0 (ATH).
	14	03	11	14.0?	53.22	N	159.48	E	33	N	4.4	1.1	10	NEAR EAST COAST OF KAMCHATKA
	14	04	28	07.7*	44.169	N	146.877	E	33	N	4.5	1.2	36	KURIL ISLANDS
	14	04	38	59.9	6.163	S	130.617	E	141	*	4.7	1.0	38	BANDA SEA
	14	04	47	21.7?	36.43	N	70.86	E	204	*	3.8	0.5	16	HINDU KUSH REGION, AFGHANISTAN
	14	05	27	02.7	44.833	N	9.826	E	10	G		1.0	46	NORTHERN ITALY. ML 3.6 (GRF), 3.4 (LDG), 3.1 (VIE).
	14	05	42	33.3	36.585	N	58.598	E	33	N	4.5	1.4	50	NORTHERN IRAN. ML 4.8 (TEH). Felt in the Mashhad-Neyshabur area.
a	14	05	43	39.8	11.679	N	88.885	W	28	D	5.1 4.8	1.1	206	OFF COAST OF CENTRAL AMERICA. Mw 5.5 (HRV). MD 5.1 (SSS). Ms 4.4 (BRK). Felt (III) at San Salvador, El Salvador.
	14	06	05	42.8?	15.31	N	127.55	E	33	N	4.1	1.5	9	EAST OF PHILIPPINE ISLANDS
	14	07	24	31.4*	11.641	N	126.063	E	33	N	4.1	1.0	12	PHILIPPINE ISLANDS REGION
	14	08	25	30.1%	44.740	N	9.741	E	10	G		0.7	10	NORTHERN ITALY
	14	09	04	07.7	40.070	N	21.628	E	10	G		0.4	6	GREECE. MD 3.1 (ATH).
	14	09	42	29.4	39.989	N	21.785	E	10	G	3.7	1.3	23	GREECE. MD 3.4 (ATH). ML 3.3 (TTG).
	14	09	53	46.4&	62.057	N	151.285	W	76				54	CENTRAL ALASKA. <AEIC>.
	14	10	07	17.9*	18.250	S	174.335	W	33	N	4.5	0.9	28	TONGA ISLANDS

a	14	11	11	47.4	12.128	N	88.360	W	25	D	5.7	6.1	1.2	379	OFF COAST OF CENTRAL AMERICA. Mw 6.6 (HRV). Mo=2.5*10**19 Nm (PPT).
	14	11	15	04.2	12.117	N	88.339	W	33	N	5.6		1.3	99	OFF COAST OF CENTRAL AMERICA
	14	11	19	28.1	46.614	N	6.575	E	10	G			0.8	11	SWITZERLAND. ML 2.8 (LDG).
	14	12	06	38.9&	34.624	N	116.596	W	7					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS).
	14	12	11	59.7	42.355	N	21.423	E	10	G	3.8		1.0	79	NORTHWESTERN BALKAN REGION. ML 4.0 (SKO), 4.0 (THE), 3.9 (TTG). MD 3.8 (ATH). Felt (V) in the former Yugoslav Republic of Macedonia.
	14	12	24	49.7*	70.572	N	31.617	E	10	G			0.8	8	BARENTS SEA. ML 3.0 (NAO).
	14	12	37	06.7&	63.056	N	149.783	W	92		3.5			94	CENTRAL ALASKA. <AEIC>.
	14	13	23	28.4&	58.931	N	152.967	W	71					34	KODIAK ISLAND REGION. <AEIC>.
	14	13	25	29.8&	59.778	N	152.283	W	69					43	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	14	13	30	37.4	35.595	N	6.957	W	10	G			1.0	21	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). MD 3.0 (RBA).
	14	13	49	02.8%	33.722	S	70.428	W	10	G			0.5	8	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	14	13	49	09.2*	41.174	S	85.409	E	10	G	4.6		0.6	15	SOUTHEAST INDIAN RIDGE
	14	13	59	37.2&	62.828	N	149.165	W	67					44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	14	14	11	36.3	11.370	N	125.442	E	33	N	4.6	3.9	1.0	43	SAMAR, PHILIPPINE ISLANDS
	14	14	48	57.8?	5.92	S	128.61	E	263	?	3.8		0.5	7	BANDA SEA
	14	15	55	43.6?	34.70	S	71.14	W	70	G			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 2.3 (SAN).
a	14	16	12	59.1	24.822	S	70.049	W	49	D	5.4		1.2	142	NEAR COAST OF NORTHERN CHILE. Mw 5.4 (HRV). Felt (V) at Taltal; (IV) at Camar, Copiapo, Diego de Almagro, Inca de Oro, Mejillones and Talabre; (III) at Antofagasta, Chanaral, El Salvador, Potrerillos, Sierra Gorda, Tierra Amarilla and Tocopilla.
	14	16	14	30.1*	15.679	S	167.240	E	107	*	4.2		1.2	33	VANUATU ISLANDS
	14	16	41	53.2	20.138	S	133.654	E	10	G	4.8		1.2	55	NORTHERN TERRITORY, AUSTRALIA
	14	17	24	04.5*	11.596	N	125.666	E	33	N	4.2		0.7	13	SAMAR, PHILIPPINE ISLANDS
	14	17	32	01.0	2.950	S	79.794	W	33	N	4.9		1.0	61	NEAR COAST OF ECUADOR. Felt (III) at Tumbes, Peru.
	14	18	43	15.1	0.948	N	123.457	E	24	D	4.5	4.0	1.1	26	MINAHASSA PENINSULA, SULAWESI
	14	18	58	50.1*	6.339	S	130.038	E	100	G	4.5		1.1	23	BANDA SEA
	14	19	31	09.4*	11.605	N	125.865	E	33	N	4.3		0.7	20	SAMAR, PHILIPPINE ISLANDS
	14	20	34	56.9*	39.990	N	21.503	E	10	G			1.2	5	GREECE. MD 3.0 (ATH).
	14	20	43	56.4	40.425	N	19.478	E	10	G			0.8	16	ALBANIA. MD 3.3 (ATH). ML 3.1 (TTG).
	14	21	22	45.1?	49.02	S	121.58	E	10	G	4.0		0.8	11	SOUTH OF AUSTRALIA
	14	22	35	39.2?	32.31	N	138.49	E	33	N	4.5		0.9	14	SOUTH OF HONSHU, JAPAN
	14	22	43	42.4*	30.812	N	141.417	E	33	N	4.3		1.2	12	SOUTH OF HONSHU, JAPAN
	14	23	10	16.9*	12.086	N	88.346	W	16	D	4.7		1.2	38	OFF COAST OF CENTRAL AMERICA
	14	23	55	20.7&	58.650	N	154.420	W	0	G				24	ALASKA PENINSULA. <AEIC>. ML 2.9 (AEIC).
a	15	00	15	48.7	38.401	N	22.283	E	14	G	6.1	6.5	1.3	606	GREECE. Mw 6.3 (GS), 6.5 (HRV). Ms 6.4 (BRK). MD 6.0 (ATH). ML 6.0 (TTG), 5.7 (THE). Twenty-six people killed and 60 injured in the Aiyion area. Extensive damage at Aiyion and Eratini. Damage also at Corinth, Patrai and Pirgos. Preliminary estimate of 660 million U.S. dollars damage. Felt at Athens, Ioannina, Kalamai, Kardhitsa and Kozani. Also felt on Kefallinia. Depth from broadband displacement seismograms.
	15	00	31	00.4	38.382	N	22.418	E	10	G	5.4		1.1	396	GREECE. MD 5.3 (TTG). ML 5.1 (ATH).
	15	01	08	37.8	38.341	N	22.097	E	10	G			0.7	9	GREECE. MD 3.3 (ATH).
	15	01	14	35.4	40.116	N	21.776	E	10	G			0.9	10	GREECE. MD 3.3 (ATH).
	15	01	16	21.0	38.395	N	22.229	E	10	G	4.2		1.4	25	GREECE. MD 3.5 (ATH).
	15	01	21	28.1	38.253	N	22.131	E	10	G	3.7		1.4	12	GREECE. MD 3.5 (ATH).
	15	01	24	59.1	38.324	N	22.108	E	10	G			0.9	9	GREECE. MD 3.3 (ATH).
	15	01	28	00.8	38.356	N	22.183	E	10	G			0.8	9	GREECE. MD 3.3 (ATH).
	15	01	36	09.7	43.468	N	147.075	E	33	N	4.9		1.1	84	KURIL ISLANDS
	15	01	51	28.3	38.351	N	22.215	E	10	G			1.0	11	GREECE. MD 3.3 (ATH).
	15	02	07	33.2	24.713	N	141.325	E	195	D	4.4		1.0	50	VOLCANO ISLANDS REGION
	15	02	32	58.2?	32.55	S	69.92	W	130	G			0.3	10	MENDOZA PROVINCE, ARGENTINA. MD 3.5 (SAN).
	15	02	38	07.1	38.321	N	22.061	E	10	G	3.6		0.9	9	GREECE. MD 3.4 (ATH).
	15	02	44	32.4*	12.029	N	88.438	W	33	N	4.3		1.4	31	OFF COAST OF CENTRAL AMERICA
	15	02	47	19.9*	11.981	N	88.492	W	33	N	4.5		1.0	17	OFF COAST OF CENTRAL AMERICA
	15	02	48	14.0?	38.55	N	22.16	E	10	G	3.7		1.4	7	GREECE. MD 3.0 (ATH).
	15	03	01	35.7?	31.60	N	49.85	E	33	N	4.2		1.4	13	WESTERN IRAN
	15	03	10	57.6?	12.70	N	119.80	E	33	N	4.3		1.4	9	PHILIPPINE ISLANDS REGION
	15	03	13	54.9*	32.329	S	71.483	W	33	N			0.3	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	15	04	43	11.8*	38.320	N	22.091	E	10	G			1.2	6	GREECE. MD 3.0 (ATH).
	15	04	48	07.5*	38.303	N	22.149	E	10	G			1.5	6	GREECE. MD 2.9 (ATH).
	15	04	51	18.4	38.283	N	22.347	E	10	G	4.6	4.3	1.2	171	GREECE. ML 4.3 (TIR), 4.3 (TTG). MD 4.1 (ATH).
	15	05	01	34.5*	38.511	N	22.237	E	10	G			0.5	6	GREECE. MD 3.2 (ATH).
	15	05	31	46.9	51.092	N	156.260	E	124	D	4.9		1.0	141	KAMCHATKA
	15	06	12	14.4	19.036	N	67.878	W	10	G			0.2	10	MONA PASSAGE. MD 3.7 (MPR).
	15	06	15	42.3%	38.372	N	22.107	E	10	G			1.0	5	GREECE. MD 2.9 (ATH).
	15	06	23	15.5?	38.29	N	22.34	E	10	G			1.1	4	GREECE. MD 2.8 (ATH).
	15	06	36	10.6	6.264	S	125.748	E	534		5.0		0.8	136	BANDA SEA
	15	06	48	27.9%	33.718	S	70.439	W	10	G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	15	06	48	39.8?	18.79	S	169.40	E	277	?	4.2		0.9	14	VANUATU ISLANDS
	15	07	00	59.9	38.390	N	22.224	E	10	G	4.5		1.3	92	GREECE. MD 4.1 (ATH).
	15	07	17	39.0	38.242	N	22.064	E	10	G			0.8	7	GREECE. MD 3.2 (ATH).
	15	07	20	06.3*	38.277	N	22.205	E	10	G			0.9	5	GREECE. MD 3.2 (ATH).
	15	07	57	38.7	21.149	N	123.250	E	33	N	4.2		1.3	19	SOUTHEAST OF TAIWAN
	15	07	58	11.7?	38.40	N	22.28	E	10	G			0.9	4	GREECE. MD 2.9 (ATH).
	15	08	16	35.2	38.257	N	22.173	E	10	G			1.1	14	GREECE. MD 3.3 (ATH).
	15	08	22	32.9	38.356	N	22.119	E	10	G			1.1	6	GREECE. MD 3.1 (ATH).
	15	08	36	36.9&	40.418	N	120.097	W	4					26	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (GS), 3.2 (BRK).
	15	08	40	24.3*	38.255	N	22.076	E	10	G			1.0	5	GREECE. MD 3.1 (ATH).
	15	09	14	31.0?	33.67	N	136.24	E	396	*	4.0		0.2	6	NEAR S. COAST OF WESTERN HONSHU
	15	09	51	13.2*	4.094	N	122.995	E	600	G	4.0		0.7	8	CELEBES SEA
	15	10	03	46.8?	38.35	N	22.13	E	10	G			0.1	4	GREECE. MD 3.0 (ATH).
	15	10	33	36.4*	38.365	N	22.013	E	10	G			0.6	5	GREECE. MD 3.0 (ATH).
	15	10	35	39.6&	61.467	N	148.099	W	9					38	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	15	10	41	49.9	38.339	N	22.146	E	10	G	4.0		1.2	30	GREECE. MD 3.8 (ATH).
	15	11	28	33.9&	60.374	N	150.793	W	37					32	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	15	12	17	14.0?	18.80	S	169.33	E	216	?	4.2		1.5	13	VANUATU ISLANDS

	15	12	53	13.6?	51.32	N	179.58	E	33	N	4.3	1.2	11	RAT ISLANDS, ALEUTIAN ISLANDS
	15	13	33	20.0	38.275	N	22.166	E	10	G		0.8	7	GREECE. MD 3.1 (ATH).
	15	14	14	52.6&	61.856	N	149.883	W	44				22	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	15	14	22	21.2	40.643	N	19.811	E	10	G		0.9	16	ALBANIA. ML 3.4 (TTG). MD 3.2 (ATH).
	15	14	28	19.9	52.828	N	160.632	E	33	N	4.3	0.9	30	OFF EAST COAST OF KAMCHATKA
	15	14	35	15.5	38.261	N	22.105	E	10	G		1.1	8	GREECE. MD 3.3 (ATH).
	15	15	06	31.0	38.905	N	22.289	E	10	G	4.3	1.3	84	GREECE. MD 4.0 (ATH). ML 4.0 (TTG).
	15	15	37	38.1&	37.830	N	6.082	W	10	G		1.2	5	SPAIN. mbLg 2.8 (MDD).
	15	15	50	16.5?	23.50	S	179.63	W	579	?	4.1	1.5	14	SOUTH OF FIJI ISLANDS
	15	16	20	33.2?	38.25	N	22.02	E	10	G		1.5	4	GREECE. MD 3.0 (ATH).
	15	16	57	24.3&	38.294	N	22.198	E	10	G		1.0	6	GREECE. MD 3.0 (ATH).
	15	17	20	03.4	38.304	N	22.120	E	10	G		1.2	8	GREECE. MD 3.0 (ATH).
	15	17	33	11.5&	34.200	S	70.907	W	80	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	15	17	49	56.0&	38.344	N	22.147	E	10	G		0.8	7	GREECE. MD 2.9 (ATH).
	15	17	56	40.8	6.385	S	127.953	E	354	*	4.2	1.0	26	BANDA SEA
	15	17	58	30.8*	8.383	S	125.828	E	33	N	4.4	1.1	11	TIMOR REGION, INDONESIA
	15	18	08	04.0*	2.133	S	121.385	E	33	N	3.6	0.9	8	SULAWESI, INDONESIA
	15	18	12	48.0	38.894	N	22.202	E	10	G		1.5	8	GREECE. MD 3.1 (ATH).
	15	18	15	01.2?	35.63	N	26.45	E	5	G		1.7	4	CRETE. MD 3.4 (ATH).
	15	18	37	28.0	38.446	N	69.928	E	33	N	4.6	1.4	75	TAJIKISTAN. ML 4.8 (BJI).
a	15	18	58	10.7	60.269	S	31.203	W	10	G	5.0	1.0	50	SCOTIA SEA. Mw 5.7 (HRV).
	15	18	58	38.1*	60.197	S	31.697	W	10	G	5.2 4.9	1.0	34	SCOTIA SEA
	15	19	21	36.9?	28.27	S	177.76	W	33	N	4.4	0.6	5	KERMADEC ISLANDS REGION. Felt (II) on Raoul Island.
	15	19	23	52.9*	60.360	S	31.205	W	10	G	5.1 5.3	1.1	29	SCOTIA SEA
	15	19	25	37.0*	60.430	S	31.644	W	10	G	5.2	0.1	10	SCOTIA SEA
	15	19	59	37.8?	38.31	N	21.95	E	10	G		1.1	7	GREECE. MD 3.4 (ATH).
	15	21	07	30.0?	33.36	S	72.32	W	33	N		1.2	16	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	15	21	36	44.6	38.273	N	21.944	E	10	G		1.0	9	GREECE. MD 3.1 (ATH).
	15	22	01	35.8	38.857	N	22.212	E	10	G		1.0	9	GREECE. MD 3.2 (ATH).
	15	22	05	39.0&	60.700	N	151.949	W	72				51	KENAI PENINSULA, ALASKA. <AEIC>.
	15	22	09	31.4?	35.10	N	25.17	E	10	G		1.2	5	CRETE. MD 3.8 (ATH). Felt in southern Crete.
	15	22	12	17.2&	38.820	N	122.804	W	5				34	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.0 (BRK).
	15	22	37	55.4*	38.306	N	22.132	E	10	G		1.4	5	GREECE. MD 3.0 (ATH).
	15	23	14	48.4*	43.475	N	146.797	E	33	N	4.8	0.8	66	KURIL ISLANDS
	15	23	18	26.6&	40.399	N	125.498	W	27				22	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	15	23	33	19.3	43.397	N	146.969	E	33	N	4.9	0.6	114	KURIL ISLANDS
	16	00	21	33.8	38.837	N	22.298	E	10	G		1.3	8	GREECE. MD 3.0 (ATH).
	16	00	28	15.1	68.080	N	18.474	W	10	G	4.0 3.8	0.9	22	ICELAND REGION
	16	00	50	32.8?	38.19	N	21.87	E	10	G		0.4	4	GREECE. MD 3.0 (ATH).
	16	00	52	08.3*	40.061	N	21.815	E	10	G		1.6	6	GREECE. MD 3.0 (ATH).
	16	01	22	20.1*	17.845	S	178.815	W	485	*	4.5	1.1	39	FIJI ISLANDS REGION
	16	01	36	16.8&	33.731	S	70.427	W	10	G		0.4	8	CHILE-ARGENTINA BORDER REGION
	16	02	52	33.3*	38.230	N	22.140	E	10	G		1.8	6	GREECE. MD 3.0 (ATH).
	16	03	03	10.1	38.346	N	22.085	E	10	G		0.8	9	GREECE. MD 3.1 (ATH).
	16	03	07	02.5*	30.394	S	71.644	W	10	G		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	16	03	12	27.8*	12.348	N	125.721	E	33	N	4.2	1.5	19	SAMAR, PHILIPPINE ISLANDS
	16	03	12	33.8?	18.45	N	67.83	W	100	G		0.3	10	MONA PASSAGE. MD 3.4 (MPR).
	16	03	37	52.9?	38.19	N	2.39	W	5	G		0.2	4	SPAIN. mbLg 2.4 (MDD).
	16	04	20	36.1&	36.753	N	121.371	W	10				26	CENTRAL CALIFORNIA. <GM-P>. MD 3.9 (GM). ML 4.1 (GS), 3.9 (BRK). Mo=8.0*10**14 Nm (BRK). Felt (IV) at Hollister, San Juan Bautista and Soledad. Felt (III) at Salinas.
	16	04	20	37.9*	32.890	S	69.015	W	10	G		0.7	11	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	16	04	44	53.3?	13.07	N	88.08	W	30	D	3.9	0.8	8	EL SALVADOR
	16	05	00	50.9?	34.42	S	70.90	W	90	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	16	05	24	39.0?	4.46	S	152.69	E	85	?	4.2	1.2	18	NEW BRITAIN REGION, P.N.G.
	16	05	49	06.1*	46.585	N	154.411	E	33	N	4.7	1.5	27	EAST OF KURIL ISLANDS
	16	06	00	41.0&	59.969	N	151.773	W	57				64	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	16	06	19	07.3	4.154	S	142.307	E	127	*	5.0	1.1	22	NEW GUINEA, PAPUA NEW GUINEA
	16	06	43	45.8?	32.13	S	71.27	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	16	07	20	40.4&	38.364	N	22.047	E	10	G		0.7	6	GREECE. MD 3.0 (ATH).
	16	07	27	12.2&	38.267	N	22.010	E	10	G		1.0	7	GREECE. MD 3.3 (ATH).
	16	07	44	02.9*	10.933	N	43.777	W	10	G	4.2 4.0	1.2	20	NORTHERN MID-ATLANTIC RIDGE
	16	08	12	02.6	40.002	N	21.684	E	10	G		1.3	12	GREECE. MD 3.5 (ATH).
	16	08	24	35.1&	38.278	N	22.147	E	10	G		0.7	6	GREECE. MD 3.3 (ATH).
	16	09	05	34.9&	33.735	S	70.431	W	10	G		0.6	6	CHILE-ARGENTINA BORDER REGION
	16	09	12	34.7	37.404	N	72.137	E	181	*	4.0	0.9	27	TAJIKISTAN
	16	09	31	44.8&	60.995	N	150.120	W	36				54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	16	09	35	24.2?	8.04	S	109.12	E	128	?	4.8	1.3	23	JAWA, INDONESIA
	16	10	21	49.1?	32.40	S	71.79	W	10	G		0.9	10	NEAR COAST OF CENTRAL CHILE
	16	10	46	00.6&	38.280	N	22.017	E	10	G		0.7	6	GREECE. MD 3.1 (ATH).
	16	11	03	19.8&	38.345	N	22.066	E	10	G		0.7	6	GREECE. MD 2.9 (ATH).
	16	11	08	13.6&	38.303	N	22.101	E	10	G		1.0	6	GREECE. MD 3.0 (ATH).
	16	11	33	17.6&	32.749	S	71.583	W	10	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	16	11	47	42.4&	38.428	N	22.207	E	10	G		1.2	6	GREECE. MD 2.9 (ATH).
	16	12	11	45.4&	38.326	N	22.110	E	10	G		1.1	7	GREECE. MD 3.0 (ATH).
	16	12	13	11.4	44.286	N	71.915	W	5	G		0.6	18	VERMONT-NEW HAMPSHIRE REGION. mbLg 3.8 (GS), 3.8 (OTT). Felt (V) at McIndoe Falls and South Ryegate; (IV) at Barnet, Concord, Groton, Passumpsic, Peacham, Ryegate and Wells River; (III) at Danville, East Ryegate, Lower Waterford and St. Johnsbury; (II) at Hardwich, Vermont. Felt (V) at Monroe and Woodsville; (IV) at Bath, Bethlehem, Lincoln, Lisbon, Littleton and Twin Mountain, New Hampshire. Felt in northern New Hampshire and Vermont.
	16	12	50	22.2&	38.309	N	22.073	E	10	G		1.2	6	GREECE. MD 3.1 (ATH).
	16	13	25	52.6&	42.623	N	19.033	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
a	16	13	49	49.3	18.269	S	178.010	W	566	D	5.6	1.0	332	FIJI ISLANDS REGION. Mw 5.7 (HRV). mb 5.0 (BRK).
	16	13	53	36.7*	43.584	N	17.514	E	5	G		1.2	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	16	15	28	40.9&	38.801	N	122.807	W	2				9	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
	16	15	30	27.9*	49.772	S	125.469	E	10	G	4.2	0.6	12	SOUTH OF AUSTRALIA
	16	15	54	31.3&	38.321	N	22.089	E	10	G		1.1	7	GREECE. MD 2.9 (ATH).
	16	16	40	19.3*	38.356	N	22.220	E	10	G	3.7	1.6	16	GREECE. MD 3.5 (ATH).

	16	16	41	42.3%	44.169	N	6.927	E	10	G			0.3	9	FRANCE. ML 2.1 (GEN).
	16	17	19	12.6?	38.30	N	22.19	E	10	G			0.2	4	GREECE. MD 3.0 (ATH).
	16	17	26	35.8?	38.32	N	22.11	E	10	G			0.6	4	GREECE. MD 3.0 (ATH).
	16	17	45	21.4*	10.640	S	113.036	E	33	N	4.1		1.1	26	SOUTH OF JAWA, INDONESIA
	16	17	47	31.7&	60.323	N	152.428	W	108					79	SOUTHERN ALASKA. <AEIC>.
	16	18	13	45.7?	38.21	N	21.63	E	10	G			0.5	4	GREECE. MD 2.7 (ATH).
	16	18	16	00.2?	38.37	N	22.11	E	10	G			0.7	4	GREECE. MD 2.7 (ATH).
	16	18	23	10.7	38.352	N	22.086	E	10	G			1.3	12	GREECE. MD 3.4 (ATH).
	16	18	46	32.2%	38.257	N	22.110	E	10	G			1.1	8	GREECE. MD 3.5 (ATH).
	16	18	49	52.0?	38.39	N	22.01	E	10	G			1.5	4	GREECE
	16	18	50	48.2%	38.387	N	22.051	E	10	G			1.6	6	GREECE. MD 3.0 (ATH).
	16	19	29	45.7%	38.342	N	22.113	E	10	G			0.6	8	GREECE. MD 3.5 (ATH).
	16	19	30	55.6*	7.368	S	145.091	E	33	N	3.9		0.9	8	NEAR S COAST OF NEW GUINEA, PNG.
	16	19	47	55.1&	34.031	N	117.513	W	3					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.1 (PAS). Felt.
	16	20	02	27.5*	22.020	S	176.006	W	57	?	4.6		1.2	24	SOUTH OF FIJI ISLANDS
	16	20	13	13.7?	56.16	N	160.51	E	126	?	4.3		1.3	14	KAMCHATKA
	16	20	32	03.5%	38.311	N	22.097	E	10	G			1.2	6	GREECE. MD 3.0 (ATH).
	16	21	00	22.8%	38.229	N	22.140	E	10	G			1.4	8	GREECE. MD 3.2 (ATH).
	16	21	11	08.4?	29.42	N	69.29	E	33	N	4.1		1.5	14	PAKISTAN
	16	22	37	59.1?	38.37	N	22.06	E	10	G			1.2	4	GREECE. MD 2.8 (ATH).
	16	22	56	00.5%	38.330	N	22.186	E	10	G			0.8	8	GREECE. MD 3.3 (ATH).
	16	23	02	52.9%	38.245	N	21.987	E	10	G			0.5	6	GREECE. MD 3.0 (ATH).
	16	23	23	13.3	5.345	S	103.595	E	67	D	4.8		0.8	53	SOUTHERN SUMATERA, INDONESIA
	16	23	23	46.2?	38.39	N	22.17	E	10	G			1.4	4	GREECE. MD 2.8 (ATH).
	16	23	34	18.1	55.457	N	165.008	E	33	N	4.2		1.3	28	KOMANDORSKY ISLANDS REGION
	17	00	03	54.2&	59.808	N	153.853	W	145					31	SOUTHERN ALASKA. <AEIC>.
	17	01	07	56.4?	38.45	N	22.33	E	10	G			0.7	4	GREECE. MD 2.7 (ATH).
	17	01	11	05.2%	44.478	N	6.995	E	10	G			0.2	5	FRANCE. ML 1.6 (GEN).
	17	01	14	14.4&	61.576	N	149.981	W	45					36	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	17	01	16	19.6%	33.730	S	70.426	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION
	17	01	21	09.4&	34.352	N	116.468	W	7					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS). Felt.
	17	01	21	58.7?	38.36	N	22.01	E	10	G			1.7	4	GREECE. MD 2.9 (ATH).
a	17	01	37	12.1	8.259	S	123.008	E	38	D	5.4	5.2	1.2	154	FLORES REGION, INDONESIA. Mw 5.6 (HRV). Some buildings damaged and landslides at Larantuka.
	17	02	08	09.9*	22.381	N	144.857	E	108	*	4.6		0.9	87	VOLCANO ISLANDS REGION
	17	02	16	34.7?	38.36	N	22.06	E	10	G			1.2	4	GREECE
	17	02	29	18.0	22.391	N	145.007	E	33	N	4.6		1.0	59	NORTH PACIFIC OCEAN
	17	02	45	26.5*	55.693	N	165.586	E	33	N	4.1		0.6	18	KOMANDORSKY ISLANDS REGION
	17	02	45	56.9%	33.696	S	71.176	W	50	G			0.2	9	NEAR COAST OF CENTRAL CHILE
	17	03	23	02.9%	45.919	N	2.749	E	5	G			0.5	9	FRANCE. ML 2.3 (LDG).
	17	04	11	31.0%	38.942	N	23.845	E	10	G			0.9	5	GREECE. MD 3.3 (ATH).
	17	04	23	20.8*	3.595	S	145.384	E	33	N	4.5	4.6	1.2	20	NEAR N COAST OF NEW GUINEA, PNG.
	17	04	23	51.2&	63.255	N	151.018	W	13					36	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
	17	04	31	08.9	32.147	N	131.648	E	65		4.2		1.4	26	KYUSHU, JAPAN. Felt (III JMA) in parts of Miyazaki Prefecture.
	17	04	33	13.8%	38.369	N	22.122	E	10	G			0.4	5	GREECE. MD 3.1 (ATH).
	17	04	57	42.8%	38.300	N	21.957	E	10	G			1.6	6	GREECE. MD 2.9 (ATH).
	17	05	17	18.0	9.428	S	117.738	E	89	*	4.6		1.1	36	SUMBAWA REGION, INDONESIA
	17	05	36	27.7	13.565	N	122.787	E	30		4.7	4.3	0.8	48	LUZON, PHILIPPINE ISLANDS
	17	05	57	27.5	36.870	N	68.659	E	33	N	4.0		0.9	20	HINDU KUSH REGION, AFGHANISTAN
a	17	06	02	00.2	3.196	N	126.915	E	33	N	5.1	4.4	1.1	120	TALAUD ISLANDS, INDONESIA. Mw 5.3 (HRV).
	17	06	14	53.3*	40.009	N	21.594	E	10	G	4.3		1.7	37	GREECE. ML 3.9 (TIR), 3.8 (ATH), 3.8 (TTG).
	17	06	39	39.5%	46.752	N	2.713	E	10	G			0.7	8	FRANCE. ML 2.0 (LDG).
	17	06	52	46.0%	33.487	S	70.088	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	17	06	53	06.2%	38.331	N	22.071	E	10	G			0.8	5	GREECE. MD 2.9 (ATH).
	17	07	18	16.8*	16.792	N	61.177	W	33	N			0.4	11	LEEWARD ISLANDS. ML 3.5 (FDF). MD 3.4 (TRN).
	17	07	19	46.7?	34.44	S	70.36	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	17	07	47	59.4*	34.576	N	46.237	E	33	N	4.4		0.2	8	WESTERN IRAN
	17	07	49	53.6%	39.993	N	21.514	E	10	G			1.4	6	GREECE. MD 3.2 (ATH).
	17	07	56	38.3&	34.650	N	116.658	W	5					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	17	08	08	36.6?	38.35	N	22.05	E	10	G			0.7	4	GREECE. MD 2.6 (ATH).
	17	08	51	24.2%	38.328	N	22.178	E	10	G			1.3	6	GREECE. MD 3.0 (ATH).
	17	08	59	10.3%	46.046	N	2.494	E	5	G			0.5	13	FRANCE. ML 2.4 (LDG).
	17	09	44	17.1%	38.345	N	21.970	E	10	G			1.2	5	GREECE. MD 2.9 (ATH).
	17	10	01	30.5%	42.435	N	18.710	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	17	10	06	06.2	34.203	N	76.209	E	40	*	4.6		1.1	72	EASTERN KASHMIR
	17	10	09	21.1*	33.369	S	73.038	W	33	N			0.5	14	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	17	10	11	51.7%	38.304	N	22.042	E	10	G			1.4	5	GREECE. MD 2.9 (ATH).
	17	10	18	03.5%	38.389	N	22.151	E	10	G			1.6	5	GREECE. MD 2.9 (ATH).
	17	10	43	22.6?	40.19	N	21.80	E	10	G			1.5	4	GREECE. MD 3.0 (ATH).
	17	10	55	11.7%	38.407	N	22.212	E	10	G			0.2	6	GREECE. MD 2.8 (ATH).
	17	11	03	19.2%	38.368	N	22.112	E	10	G			0.5	5	GREECE. MD 3.2 (ATH).
	17	11	12	00.0%	38.324	N	22.098	E	10	G			0.8	8	GREECE. MD 3.2 (ATH).
	17	11	20	58.7%	38.350	N	22.131	E	10	G			1.3	9	GREECE. MD 3.3 (ATH).
	17	12	04	54.1&	46.837	N	120.722	W	2					61	WASHINGTON. <SEA-P>. MD 2.7 (SEA). ML 2.6 (GS). Felt.
	17	12	29	40.7&	34.276	N	118.468	W	10					44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS). Felt in the San Fernando area.
	17	12	37	29.2&	59.942	N	152.795	W	100					29	SOUTHERN ALASKA. <AEIC>.
	17	13	19	46.9&	38.834	N	119.742	W	2					32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (GS).
	17	13	46	26.5%	38.304	N	22.075	E	10	G			0.9	6	GREECE. MD 3.0 (ATH).
	17	14	09	44.3*	11.825	N	126.306	E	33	N	4.0		1.1	8	PHILIPPINE ISLANDS REGION
	17	14	10	29.8%	38.361	N	22.042	E	10	G			1.5	6	GREECE. MD 3.0 (ATH).
	17	14	20	28.4	38.455	N	22.387	E	10	G	4.0		1.4	52	GREECE. ML 3.8 (ATH).
	17	14	24	27.9%	38.347	N	22.012	E	10	G			0.9	8	GREECE. MD 3.2 (ATH).
	17	14	37	33.6%	38.397	N	22.082	E	10	G			0.1	5	GREECE. MD 2.9 (ATH).
	17	14	38	40.3?	38.39	N	22.00	E	10	G			0.1	4	GREECE. MD 2.7 (ATH).
	17	14	54	22.2?	38.31	N	22.07	E	10	G			0.1	4	GREECE. MD 3.2 (ATH).
	17	14	58	15.2*	31.534	S	71.906	W	33	N			1.3	17	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	17	14	58	27.8*	15.549	S	167.596	E	136	*	4.5		1.1	51	VANUATU ISLANDS
	17	15	55	53.6%	38.348	N	22.012	E	10	G			1.5	6	GREECE. MD 3.1 (ATH).
	17	15	56	50.0?	35.24	N	106.75	E	10	G			0.6	4	GANSU, CHINA. ML 3.3 (BJI).

	17	16	07	42.2%	38.336	N	22.060	E	10	G		0.9	7	GREECE. MD 3.1 (ATH).
	17	16	14	14.7?	24.43	S	179.74	E	500	G	3.9	1.5	12	SOUTH OF FIJI ISLANDS
	17	16	18	51.2?	35.25	N	25.20	E	10	G		0.6	4	CRETE. MD 3.8 (ATH).
	17	16	37	27.6%	38.332	N	22.076	E	10	G		1.3	6	GREECE. MD 2.9 (ATH).
	17	16	46	14.2?	32.59	N	46.37	E	33	N	4.2	0.6	7	IRAN-IRAQ BORDER REGION
	17	17	07	20.4*	40.596	N	78.862	E	33	N	4.1	1.3	10	SOUTHERN XINJIANG, CHINA. ML 3.5 (BJI).
	17	17	14	01.9*	35.385	N	26.998	E	10	G		1.6	5	CRETE. MD 3.8 (ATH).
	17	17	23	32.0*	0.064	N	124.689	E	33	N	3.9	0.8	9	MINAHASSA PENINSULA, SULAWESI
	17	17	33	21.7?	38.32	N	22.22	E	10	G		0.9	4	GREECE. MD 2.6 (ATH).
	17	17	48	08.2	40.120	N	21.723	E	10	G	3.9	1.5	28	GREECE. ML 3.7 (ATH), 3.6 (TTG).
	17	17	58	53.9	6.751	N	126.858	E	90	*	4.3	0.8	30	MINDANAO, PHILIPPINE ISLANDS
	17	18	05	44.0?	43.73	N	147.46	E	33	N	4.2	1.6	11	KURIL ISLANDS
	17	19	19	05.2*	25.482	N	142.766	E	33	N	4.6 3.9	1.3	13	VOLCANO ISLANDS REGION
	17	19	21	05.4?	33.35	S	72.60	W	10	G		0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	17	19	47	19.0%	38.414	N	22.231	E	10	G		1.0	7	GREECE. MD 2.9 (ATH).
	17	20	07	36.8	44.470	N	7.320	E	5	G		0.7	16	NORTHERN ITALY. ML 2.2 (GEN), 2.1 (LDG).
	17	20	29	59.6	23.897	N	126.004	E	33	N	4.3 4.1	1.3	41	SOUTHEAST OF RYUKYU ISLANDS
	17	20	38	59.7%	38.004	N	22.094	E	10	G		0.9	5	GREECE. MD 2.9 (ATH).
	17	21	09	20.6	23.112	N	94.105	E	33	N	4.9	1.0	133	MYANMAR-INDIA BORDER REGION
	17	21	25	06.9	7.298	N	127.098	E	42	D	4.4 4.3	1.1	42	PHILIPPINE ISLANDS REGION
	17	21	35	22.2?	38.33	N	22.10	E	10	G		0.6	4	GREECE. MD 2.7 (ATH).
	17	21	51	16.1*	40.179	N	21.709	E	10	G		1.5	9	GREECE. MD 2.9 (ATH).
	17	22	30	58.8%	38.290	N	22.045	E	10	G		0.6	8	GREECE. MD 3.3 (ATH).
	17	23	10	19.6%	38.342	N	22.202	E	10	G		1.0	6	GREECE. MD 2.9 (ATH).
	17	23	46	15.0*	35.649	N	2.667	W	5	G		0.6	7	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	18	00	12	52.5%	44.430	N	6.825	E	10	G		0.3	6	FRANCE. ML 2.5 (LDG).
	18	00	34	39.1?	38.38	N	22.04	E	10	G		0.9	4	GREECE. MD 3.0 (ATH).
	18	00	38	10.8%	38.327	N	21.986	E	10	G		1.2	5	GREECE. MD 2.9 (ATH).
	18	00	49	27.6*	1.328	S	80.896	W	33	N	4.1	1.4	13	NEAR COAST OF ECUADOR. Felt (III) at Manta and Portoviejo.
	18	00	58	07.8	44.406	N	6.831	E	10	G		0.4	7	FRANCE. ML 1.8 (LDG), 1.5 (GEN).
	18	01	10	59.1*	32.023	N	129.112	E	33	N	4.3	1.0	13	KYUSHU, JAPAN
	18	01	14	06.5	38.396	N	22.218	E	10	G	3.9	1.3	44	GREECE. ML 4.0 (ROM), 3.7 (ATH).
	18	01	17	37.4%	38.385	N	22.061	E	10	G		0.2	5	GREECE. MD 2.6 (ATH).
	18	01	48	03.7%	38.404	N	22.166	E	10	G		1.4	5	GREECE. MD 3.1 (ATH).
	18	01	54	32.7?	38.38	N	22.01	E	10	G		1.2	4	GREECE. MD 2.6 (ATH).
	18	02	14	05.9%	38.481	N	22.171	E	10	G		1.7	6	GREECE. MD 2.9 (ATH).
	18	02	16	33.8?	38.39	N	22.05	E	10	G		1.2	4	GREECE. MD 2.6 (ATH).
	18	02	25	08.1%	44.450	N	6.765	E	10	G		0.3	8	FRANCE. ML 2.0 (LDG), 1.8 (GEN).
	18	02	29	22.2%	44.457	N	6.786	E	10	G		0.6	8	FRANCE. ML 2.0 (LDG), 1.7 (GEN).
	18	02	41	58.7?	38.38	N	22.05	E	10	G		1.6	4	GREECE. MD 2.7 (ATH).
	18	02	44	24.6%	38.383	N	22.169	E	10	G		0.1	5	GREECE. MD 2.8 (ATH).
	18	02	49	40.1&	63.631	N	149.644	W	123				8	CENTRAL ALASKA. <AEIC>.
	18	03	24	57.2%	38.337	N	22.061	E	10	G		0.8	7	GREECE. MD 3.1 (ATH).
a	18	03	42	09.5	2.449	N	95.391	W	10	G	4.9 5.0	1.1	76	GALAPAGOS ISLANDS REGION. Mw 5.5 (HRV). Ms 5.1 (BRK).
	18	03	52	37.7%	38.396	N	22.015	E	10	G		0.9	5	GREECE. MD 2.8 (ATH).
	18	03	53	59.5%	38.356	N	21.980	E	10	G		1.7	6	GREECE. MD 3.1 (ATH).
	18	03	55	12.5?	38.48	N	22.15	E	10	G		0.2	4	GREECE. MD 2.9 (ATH).
	18	03	57	20.2?	38.36	N	22.09	E	10	G		1.5	4	GREECE. MD 2.6 (ATH).
	18	04	00	47.6%	38.357	N	22.090	E	10	G		0.7	7	GREECE. MD 3.0 (ATH).
	18	04	25	47.0?	38.42	N	22.17	E	10	G		1.1	4	GREECE. MD 2.6 (ATH).
	18	04	27	07.2?	38.38	N	22.03	E	10	G		1.3	4	GREECE. MD 2.7 (ATH).
	18	04	28	23.7	38.429	N	22.259	E	10	G	4.3	1.4	79	GREECE. MD 3.9 (ATH).
	18	04	34	19.5%	38.373	N	22.065	E	10	G		1.2	5	GREECE. MD 2.9 (ATH).
	18	04	40	24.7?	44.44	N	6.67	E	10	G		0.7	4	FRANCE. ML 1.6 (GEN).
	18	04	43	28.7*	6.365	N	74.099	W	33	N	4.1	1.3	11	NORTHERN COLOMBIA
	18	04	47	19.7%	38.369	N	22.042	E	10	G		0.9	8	GREECE. MD 3.1 (ATH).
	18	04	52	06.2%	38.339	N	22.076	E	10	G		0.8	8	GREECE. MD 3.3 (ATH).
	18	05	34	17.6&	62.910	N	149.778	W	82				50	CENTRAL ALASKA. <AEIC>.
	18	06	23	09.7	21.650	S	176.620	W	123	?	4.5	1.0	29	FIJI ISLANDS REGION
	18	06	24	26.2*	32.618	S	71.371	W	23		4.3	0.5	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	18	06	58	44.7	5.257	N	73.014	W	33	N	4.3	1.0	32	COLOMBIA
	18	06	59	11.8	34.470	N	25.446	E	23		4.4	1.3	133	CRETE. MD 4.3 (ATH). Felt on Crete.
	18	07	07	12.5&	37.686	N	113.917	W	5				12	UTAH. <SLC-P>. MD 3.3 (SLC).
	18	07	40	32.5%	34.076	S	70.322	W	10	G		0.2	5	CHILE-ARGENTINA BORDER REGION
	18	08	21	57.1?	34.47	N	139.93	E	85	?	4.3	0.2	6	NEAR S. COAST OF HONSHU, JAPAN
	18	08	34	50.1*	38.349	N	22.016	E	10	G		1.0	7	GREECE. MD 3.3 (ATH).
	18	08	44	08.0?	45.92	N	1.24	W	5	G		0.5	9	FRANCE. ML 3.1 (LDG).
	18	09	59	17.8%	33.733	S	70.415	W	10	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	18	10	40	05.9%	44.470	N	7.278	E	10	G		0.4	11	NORTHERN ITALY. ML 2.2 (GEN).
	18	10	54	02.1%	38.425	N	21.718	E	10	G		1.6	5	GREECE. MD 3.2 (ATH).
	18	11	04	32.3	47.230	N	10.441	E	5	G		0.8	18	AUSTRIA. ML 2.8 (LDG), 2.7 (GRF), 2.2 (VIE).
a	18	11	54	34.1	17.868	S	176.384	W	31	D	5.0 5.2	1.4	92	FIJI ISLANDS REGION. Mw 5.5 (HRV). Ms 4.8 (BRK).
	18	12	08	51.1*	38.322	N	22.132	E	10	G	3.3	1.6	10	GREECE. MD 3.4 (ATH).
	18	12	32	24.3*	32.722	S	70.177	W	110	G		0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	18	12	47	20.8%	38.350	N	21.935	E	10	G		1.6	5	GREECE. MD 2.9 (ATH).
	18	13	08	43.1*	7.620	S	107.077	E	89	*	4.6	1.4	32	JAWA, INDONESIA
	18	13	14	11.1?	32.32	S	71.62	W	10	G		0.6	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	18	13	17	37.8?	38.19	N	22.15	E	10	G		0.5	4	GREECE. MD 2.9 (ATH).
	18	13	52	35.3	38.347	N	22.046	E	10	G	3.7	1.3	11	GREECE. MD 3.4 (ATH).
	18	14	25	53.5&	59.757	N	153.312	W	122				70	SOUTHERN ALASKA. <AEIC>.
	18	15	46	12.2&	36.844	N	121.580	W	8				38	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
	18	15	56	46.3*	25.189	N	142.413	E	25	D	4.2	0.8	15	VOLCANO ISLANDS REGION
	18	16	51	30.0	3.581	S	145.238	E	33	N	4.8 4.5	1.5	44	NEAR N COAST OF NEW GUINEA, PNG.
	18	17	28	09.1	40.024	N	21.446	E	19	D	4.4	1.5	97	GREECE. ML 4.3 (ROM), 4.1 (ATH). MD 4.2 (TTG).
a	18	18	02	17.0*	14.884	S	175.616	W	33	N	4.6 4.9	1.3	36	SAMOA ISLANDS REGION. Mw 5.4 (HRV).
	18	18	30	17.6%	38.716	N	2.841	W	5	G		1.0	9	SPAIN. mbLg 3.0 (MDD).
	18	18	36	15.8	30.975	N	142.908	E	33	N	4.6 4.1	1.0	51	SOUTH OF HONSHU, JAPAN
	18	18	56	57.9?	51.40	N	15.83	E	10	G		0.7	7	POLAND. ML 3.5 (GRF), 2.8 (MOX).
	18	18	58	58.4?	38.36	N	22.01	E	10	G		1.0	4	GREECE. MD 2.8 (ATH).
	18	19	03	11.0%	38.351	N	21.966	E	10	G		1.6	5	GREECE. MD 2.9 (ATH).
	18	19	28	42.3&	36.008	N	117.817	W	2				37	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).

	18	19	30	14.1&	36.140	N	119.996	W	8				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.9 (PAS), 2.7 (GS).
	18	20	15	10.5%	38.340	N	21.798	E	10	G		0.9	5	GREECE. MD 2.9 (ATH).
	18	20	32	40.8	3.396	S	136.688	E	33	N	4.7	1.1	44	IRIAN JAYA, INDONESIA
	18	21	11	47.0%	32.992	S	71.256	W	50	G		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	21	16	01.6&	60.239	N	150.198	W	31				56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	21	36	15.3?	34.22	S	70.36	W	10	G		0.3	4	CHILE-ARGENTINA BORDER REGION
	18	21	42	01.1%	34.122	S	70.467	W	10	G		0.5	8	CHILE-ARGENTINA BORDER REGION
	18	22	15	50.5	32.658	S	71.648	W	10	G		0.8	16	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	18	22	18	22.9&	61.650	N	151.372	W	75				57	SOUTHERN ALASKA. <AEIC>.
	18	22	23	23.1&	39.836	N	120.724	W	13				82	NORTHERN CALIFORNIA. <GM-P>. MD 4.2 (GM). ML 4.3 (BRK). Mo=1.5*10**15 Nm (BRK). Felt (V) at Quincy and Taylorsville; (IV) at Blairsden, Canyon Dam, Cromberg and Portola; (III) at Clio and Strawberry Valley. Felt as far as Sacramento.
	18	22	32	01.0?	38.44	N	22.16	E	10	G		1.3	4	GREECE. MD 2.6 (ATH).
	18	23	02	30.7*	40.118	N	21.518	E	10	G	3.8	1.3	10	GREECE. MD 3.3 (ATH).
	18	23	15	33.6%	45.941	N	0.130	E	10	G		1.5	11	FRANCE. ML 2.5 (LDG).
	18	23	43	09.0%	40.003	N	21.522	E	10	G		1.0	5	GREECE. MD 3.1 (ATH).
	18	23	47	34.3	43.823	N	147.167	E	33	N	4.9 3.9	0.9	97	KURIL ISLANDS
	18	23	51	38.3&	39.836	N	120.728	W	11				26	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
a	19	00	27	15.7	6.021	S	146.688	E	54		4.9 4.4	1.1	57	EASTERN NEW GUINEA REG., P.N.G. Mw 5.2 (HRV).
a	19	00	57	44.1	44.090	N	150.415	E	33	N	5.3 4.8	0.8	266	EAST OF KURIL ISLANDS. Mw 5.2 (HRV).
	19	02	13	36.8*	43.406	N	147.330	E	33	N	4.8	0.8	12	KURIL ISLANDS
	19	03	53	58.7	40.052	N	21.825	E	10	G	4.4 3.8	1.4	98	GREECE. ML 4.3 (ATH). MD 4.2 (TTG).
	19	04	37	46.0*	40.890	N	20.890	E	10	G		1.1	12	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 3.1 (TTG).
	19	04	41	31.4	40.203	N	21.673	E	10	G	4.3	1.4	73	GREECE. ML 4.0 (ATH). MD 4.0 (TTG).
	19	06	08	24.0*	20.601	S	178.233	W	561	*	4.4	1.1	18	FIJI ISLANDS REGION
	19	06	19	17.7	38.311	N	22.211	E	10	G	4.0	1.3	25	GREECE. MD 3.9 (ATH).
	19	06	25	34.2*	31.895	S	71.708	W	10	G		0.4	12	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	19	07	07	03.3*	40.131	N	21.634	E	10	G	4.1	1.6	24	GREECE. ML 3.9 (ATH), 3.7 (TTG).
	19	09	12	42.4	48.186	N	146.171	E	496		4.2	0.7	21	SEA OF OKHOTSK
	19	09	49	48.7	44.803	N	10.710	E	10	G		1.0	16	NORTHERN ITALY. ML 2.9 (VIE).
	19	09	59	18.1&	41.092	N	123.459	W	40				21	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	19	10	12	09.4*	30.112	S	178.503	W	92	*	4.8	1.4	19	KERMADEC ISLANDS, NEW ZEALAND
	19	10	34	15.7*	15.308	S	71.304	W	166	*	4.1	1.2	20	SOUTHERN PERU
	19	10	40	39.1&	34.941	N	116.885	W	0				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS). Felt at Barstow.
	19	11	19	29.0?	38.42	N	22.09	E	10	G		1.5	4	GREECE. MD 2.7 (ATH).
	19	11	41	43.0	9.134	S	123.933	E	33	N	4.3	1.1	20	TIMOR REGION, INDONESIA
	19	12	37	21.0?	44.68	N	129.47	W	10	G		0.5	43	OFF COAST OF OREGON
	19	12	49	34.8*	24.023	S	66.823	W	204	*	4.3	1.7	20	SALTA PROVINCE, ARGENTINA
	19	12	57	26.9*	44.095	N	147.489	E	33	N	4.4	0.9	10	KURIL ISLANDS
	19	13	30	41.2*	23.277	S	170.147	E	33	N	4.5	1.1	24	LOYALTY ISLANDS REGION
	19	13	48	06.3?	37.33	N	2.62	W	10	G		0.6	4	SPAIN. mbLg 2.3 (MDD).
	19	14	21	07.7%	38.357	N	22.208	E	10	G		0.9	7	GREECE. MD 3.1 (ATH).
	19	14	44	32.3&	58.571	N	156.615	W	192		3.9		70	ALASKA PENINSULA. <AEIC>.
a	19	14	45	39.5&	58.992	N	151.206	W	33	N	5.0 4.3		261	KODIAK ISLAND REGION. <AEIC>. Mw 4.9 (HRV). ML 4.8 (AEIC), 4.9 (PMR). Felt (III) at Ninilchik. Also felt at Homer, Port Graham and Seldovia.
	19	14	58	05.5*	17.388	S	178.857	W	579	*	4.4	0.9	17	FIJI ISLANDS REGION
	19	15	00	20.0	40.011	N	21.868	E	10	G	4.6	1.4	62	GREECE. ML 4.0 (ATH), 4.0 (TTG).
	19	15	32	21.7	6.417	S	154.086	E	44	D	4.8 4.5	1.0	49	SOLOMON ISLANDS
	19	15	40	03.3&	61.025	N	152.626	W	152				13	SOUTHERN ALASKA. <AEIC>.
	19	15	44	02.6*	46.196	N	16.037	E	10	G		0.7	6	NORTHWESTERN BALKAN REGION. MD 3.1 (LJU).
	19	17	23	33.4?	38.28	N	22.05	E	10	G		1.4	4	GREECE. MD 2.8 (ATH).
	19	18	21	44.8?	11.04	N	142.23	E	33	N	4.1	0.7	8	SOUTH OF MARIANA ISLANDS
	19	19	02	41.7?	25.23	S	179.77	E	500	G	4.4	1.3	12	SOUTH OF FIJI ISLANDS
	19	20	08	28.8%	38.357	N	22.050	E	10	G		0.7	5	GREECE. MD 2.9 (ATH).
	19	20	48	13.9%	33.146	S	70.296	W	5	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	19	20	54	28.3%	38.380	N	22.025	E	10	G		1.3	5	GREECE. MD 2.9 (ATH).
	19	21	21	37.1%	40.166	N	21.945	E	10	G		0.5	10	GREECE. MD 3.2 (ATH).
	19	22	20	36.2?	38.37	N	22.09	E	10	G		0.6	4	GREECE. MD 2.7 (ATH).
	19	22	25	41.8%	44.033	N	7.762	E	5	G		0.5	5	NORTHERN ITALY. ML 1.6 (GEN).
	19	23	23	07.1%	33.757	S	69.965	W	130	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	19	23	40	42.3&	34.333	N	118.709	W	2				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	19	23	41	24.4?	11.07	S	66.49	E	10	G	4.1	1.2	6	MID-INDIAN RIDGE
	20	01	32	30.8?	31.02	S	70.01	W	120	G		0.8	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	20	01	47	29.9?	38.35	N	22.69	E	10	G		0.8	4	GREECE
	20	01	50	10.3?	38.29	N	22.03	E	10	G		1.0	4	GREECE. MD 2.5 (ATH).
	20	01	54	43.3	50.485	N	3.901	E	20	G	4.3	1.1	170	BELGIUM. ML 4.9 (LDG), 4.9 (GRF), 4.8 (DBN), 4.8 (BNS), 4.6 (UCC), 4.3 (MOX). MD 4.5 (STR). Felt (III) at Aachen, Germany. Felt at Cologne, Kerpen and Monschau, Germany. Also felt in northern France and the Netherlands.
	20	02	59	09.8%	40.227	N	21.925	E	10	G		1.4	10	GREECE. MD 3.1 (ATH).
	20	03	20	11.3&	60.708	N	152.835	W	140				38	SOUTHERN ALASKA. <AEIC>.
	20	03	26	46.6?	38.28	N	22.19	E	10	G		0.2	4	GREECE. MD 2.7 (ATH).
	20	03	56	23.4?	38.29	N	22.02	E	10	G		1.2	4	GREECE. MD 2.7 (ATH).
	20	03	58	20.8%	38.263	N	22.008	E	10	G		0.7	5	GREECE. MD 2.8 (ATH).
	20	04	13	52.8*	5.465	S	152.080	E	33	N	4.3	1.2	15	NEW BRITAIN REGION, P.N.G.
	20	04	35	42.3	51.696	N	16.244	E	10	G		0.6	14	POLAND. ML 3.2 (MOX), 2.7 (CLL).
	20	04	38	17.0	44.408	N	7.293	E	10	G		0.5	17	NORTHERN ITALY. ML 2.7 (GEN), 2.7 (LDG).
	20	05	39	54.0	40.761	N	20.905	E	10	G		1.5	13	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 3.2 (TTG).
	20	05	47	18.3	15.730	N	46.699	W	10	G	4.8	0.8	52	NORTHERN MID-ATLANTIC RIDGE
	20	06	16	05.1?	38.29	N	22.03	E	10	G		0.7	4	GREECE. MD 2.7 (ATH).
	20	06	23	37.3%	38.339	N	22.015	E	10	G		1.7	5	GREECE. MD 2.8 (ATH).
	20	06	31	34.7%	38.276	N	21.883	E	10	G		0.7	8	GREECE. MD 3.3 (ATH).
	20	06	36	48.4	38.507	N	21.542	E	10	G		1.3	14	GREECE. MD 3.4 (ATH).
	20	06	55	57.3?	13.07	N	89.45	W	33	N		0.3	11	EL SALVADOR. MD 3.4 (SSS). Felt (II) at San Salvador.
	20	07	41	01.2&	38.803	N	118.704	W	0				19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).

														ML 2.9 (GS).
	20	08	04	39.7*	8.413	S	80.399	W	33	N	4.4	1.3	29	OFF COAST OF NORTHERN PERU
	20	12	15	46.5?	37.99	N	22.04	E	10	G		0.9	4	SOUTHERN GREECE. MD 2.9 (ATH).
	20	12	17	47.9?	38.00	N	22.03	E	10	G		1.3	4	SOUTHERN GREECE. MD 2.8 (ATH).
	20	12	25	22.7&	65.082	N	148.800	W	17				6	NORTHERN ALASKA. <AEIC>. ML 2.4 (AEIC), 2.6 (PMR).
	20	13	11	18.2	17.875	N	62.848	W	100		4.2	0.7	32	LEEWARD ISLANDS. MD 4.2 (TRN). Felt on St. Barthelemy and St. Martin.
	20	13	34	14.5?	40.02	N	21.48	E	10	G		1.0	4	GREECE. MD 3.1 (ATH).
	20	14	00	13.9?	39.93	N	21.52	E	10	G		1.6	4	GREECE. MD 3.1 (ATH).
	20	14	38	32.8	38.364	N	22.085	E	10	G		0.7	9	GREECE. MD 3.5 (ATH).
	20	14	58	18.9	9.608	N	124.446	E	62	*	4.5	0.9	33	MINDANAO, PHILIPPINE ISLANDS
	20	15	05	11.0?	38.36	N	22.10	E	10	G		0.2	4	GREECE. MD 2.9 (ATH).
	20	15	15	12.9*	24.449	S	176.814	W	33	N	4.6	1.2	26	SOUTH OF FIJI ISLANDS
	20	15	58	39.3&	61.527	N	150.779	W	60				49	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
	20	16	07	28.6%	38.349	N	22.090	E	10	G		1.4	8	GREECE. MD 3.2 (ATH).
	20	17	11	03.3?	55.23	N	19.19	E	10	G	4.3	1.2	9	BALTIC SEA
	20	17	35	36.4?	18.35	S	169.08	E	229	?	3.9	1.5	16	VANUATU ISLANDS
a	20	17	56	11.8*	56.206	S	27.242	W	101	D	5.0	1.0	29	SOUTH SANDWICH ISLANDS REGION. Mw 5.2 (HRV).
	20	18	07	12.2?	33.41	S	72.23	W	33	N		0.9	12	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	20	19	20	47.6	40.130	N	21.935	E	10	G		1.4	11	GREECE. MD 3.4 (ATH).
	20	20	15	18.4%	37.772	N	3.361	W	10	G		0.5	6	SPAIN. mbLg 2.9 (MDD).
	20	20	21	42.2%	38.305	N	22.067	E	10	G		0.8	7	GREECE. MD 3.0 (ATH).
	20	20	25	49.3?	38.36	N	22.10	E	10	G		0.6	4	GREECE. MD 2.4 (ATH).
	20	21	22	09.9	61.879	N	3.801	E	10	G		1.2	27	NORWEGIAN SEA. MD 3.2 (BER). ML 3.1 (NAO).
	20	21	48	41.7*	13.118	S	167.059	E	248	?	4.3	1.2	54	VANUATU ISLANDS
	20	22	28	49.1	65.098	N	139.019	W	10	G	4.2	1.0	65	NORTHERN YUKON TERRITORY, CANADA. ML 4.4 (PGC), 4.4 (AEIC), 4.4 (PMR).
	20	22	32	02.8?	38.45	N	22.29	E	10	G		0.3	4	GREECE. MD 2.3 (ATH).
	20	23	13	47.6?	38.31	N	3.29	W	10	G		0.8	4	SPAIN. mbLg 2.4 (MDD).
	21	00	01	59.7?	38.33	N	22.09	E	5	G		0.4	4	GREECE. MD 2.6 (ATH).
	21	00	51	23.1?	38.40	N	22.19	E	5	G		0.4	4	GREECE. MD 2.6 (ATH).
	21	01	03	20.0%	38.331	N	22.073	E	10	G		0.8	8	GREECE. ML 3.1 (ATH).
	21	01	18	15.3?	6.40	S	79.12	W	33	N	4.3	1.2	6	NEAR COAST OF NORTHERN PERU
	21	01	33	30.3	50.469	N	18.930	E	10	G		1.2	7	POLAND. MG 2.8 (WAR).
	21	01	33	34.4?	38.24	N	7.82	W	10	G		0.6	5	PORTUGAL. mbLg 2.8 (MDD). Felt (III) at Reguengos de Monsaraz.
	21	02	24	25.9%	38.291	N	22.083	E	5	G		0.5	8	GREECE. ML 3.2 (ATH).
	21	03	01	00.4?	6.74	S	151.06	E	33	N	4.3	1.4	9	NEW BRITAIN REGION, P.N.G.
	21	03	13	23.6?	51.12	N	177.47	W	33	N	4.4	0.7	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	21	03	15	57.5*	20.106	N	103.238	E	10	G	4.2	1.2	11	SOUTHEAST ASIA
	21	03	20	11.7	58.461	N	142.529	W	10	G		0.7	22	GULF OF ALASKA. ML 2.7 (AEIC), 2.5 (PGC).
	21	04	15	51.6?	36.04	N	2.93	E	10	G		1.0	12	NORTHERN ALGERIA. mbLg 3.6 (MDD). ML 3.4 (LDG).
	21	05	25	58.5?	33.28	S	72.03	W	33	N		0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	21	05	30	21.7	38.418	N	22.187	E	10	G		1.2	12	GREECE. ML 3.3 (ATH).
	21	05	51	32.6*	1.423	S	99.933	E	33	N	4.5	1.2	12	SOUTHERN SUMATERA, INDONESIA
	21	05	59	16.1&	40.387	N	124.151	W	29				37	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.2 (GS), 3.1 (BRK).
	21	06	07	24.7&	62.480	N	149.849	W	65				61	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	21	06	59	19.9&	62.743	N	149.689	W	15				48	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
	21	07	37	03.2*	4.772	S	134.018	E	33	N	4.4 4.3	1.3	14	IRIAN JAYA REGION, INDONESIA
	21	08	06	20.5&	34.941	N	116.884	W	0				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	21	08	28	41.8*	37.729	N	106.422	E	33	N	4.5	1.4	6	WESTERN NEI MONGOL, CHINA. ML 3.9 (BJI).
	21	09	07	01.6	20.349	N	103.252	E	33	N	4.4	1.2	34	SOUTHEAST ASIA
	21	09	49	36.9%	38.339	N	21.949	E	5	G		1.6	5	GREECE. MD 2.8 (ATH).
	21	09	53	19.8	38.744	N	26.491	E	12		4.2	1.1	30	AEGEAN SEA. ML 3.9 (ATH). Felt along the west coast of Turkey.
	21	10	21	06.5?	15.02	S	173.65	W	33	N	4.3 4.6	1.1	16	TONGA ISLANDS
	21	11	45	37.1?	38.33	N	22.07	E	10	G		0.6	4	GREECE. MD 2.8 (ATH).
	21	12	14	43.7?	48.32	S	165.78	E	33	N	4.2	1.4	7	OFF W. COAST OF S. ISLAND, N.Z.
	21	12	44	04.6%	44.797	N	7.568	E	37	?		0.3	11	NORTHERN ITALY
	21	12	53	05.7?	3.29	S	130.98	E	33	N	4.0	1.4	8	SERAM, INDONESIA
	21	13	03	19.6%	40.241	N	21.703	E	5	G		1.0	6	GREECE. MD 3.2 (ATH).
	21	13	32	11.4?	38.44	N	22.08	E	33	N		1.5	4	GREECE. MD 2.8 (ATH).
	21	15	01	05.1%	38.391	N	21.497	E	33	N		1.4	7	GREECE. ML 3.3 (ATH).
	21	15	06	01.0?	38.35	N	21.96	E	5	G		1.6	4	GREECE. MD 2.6 (ATH).
a	21	15	28	51.7	61.673	S	154.766	E	10	G	5.8 6.7	1.3	230	BALLENY ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Mo=1.3*10**19 Nm (PPT).
	21	15	31	51.0*	31.801	S	71.791	W	33	N		0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	21	16	24	40.3	37.690	N	21.192	E	51	*	3.7	0.9	17	SOUTHERN GREECE. MD 3.7 (ATH).
	21	16	33	06.0	11.538	S	77.530	W	71	D	5.6	0.9	214	NEAR COAST OF PERU. Some structural damage (V) at Huacho. Felt (V) at Lima; (IV) at Barranca and Canta; (II) at Trujillo.
	21	16	50	10.1?	38.38	N	22.31	E	10	G		0.3	4	GREECE. MD 2.8 (ATH).
	21	17	07	33.7?	1.47	N	84.21	W	33	N	4.0	0.7	5	OFF COAST OF ECUADOR
	21	17	09	52.2%	17.042	N	99.324	W	10	G		1.4	5	GUERRERO, MEXICO
	21	17	54	54.3?	44.31	N	146.99	E	33	N	4.7	1.2	7	KURIL ISLANDS
	21	18	16	16.1*	41.924	N	19.622	E	10	G		0.5	9	ALBANIA. ML 2.6 (TTG).
	21	18	35	14.7?	31.30	S	69.08	W	200	G		0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (SAN).
	21	18	35	41.2	21.780	N	85.327	E	33	N	4.7	1.0	47	SOUTHERN INDIA. Felt in Orissa State.
	21	18	42	31.1?	44.47	N	6.67	E	5	G		0.2	4	FRANCE. ML 1.7 (GEN).
	21	19	15	02.2%	33.756	S	71.002	W	60	G		0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	21	19	58	05.2?	39.99	N	21.68	E	5	G		1.2	4	GREECE. MD 3.1 (ATH).
a	21	20	24	14.6	51.104	N	130.518	W	10	G	5.1 5.1	1.2	170	QUEEN CHARLOTTE ISLANDS REGION. Mw 5.4 (HRV). ML 5.2 (PGC).
	21	20	49	14.1&	59.614	N	152.984	W	108				34	SOUTHERN ALASKA. <AEIC>.
	21	21	09	12.4&	60.017	N	153.477	W	141				29	SOUTHERN ALASKA. <AEIC>.
	21	21	17	36.2&	32.985	N	117.818	W	6	G	4.6		65	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.3 (PAS), 4.1 (BRK). MD 4.0 (ECX). Felt (IV) at Orange; (III) at Camp Pendleton, Dana Point, Encinitas, Escondido, Huntington Beach, Lakeside, Oceanside, Ramona and San Luis Rey, California.
	21	21	33	34.0*	45.565	N	26.540	E	148	*		0.9	19	ROMANIA
	21	23	19	09.0&	59.705	N	153.551	W	124				30	SOUTHERN ALASKA. <AEIC>.

	22	00	00	36.3?	11.08	N	86.91	W	33	N	4.4		0.9	11	NEAR COAST OF NICARAGUA
	22	00	16	50.7	17.494	S	178.627	W	467	*	4.5		1.0	41	FIJI ISLANDS REGION
	22	00	57	42.9*	43.948	N	140.339	E	225	*	4.1		1.0	30	HOKKAIDO, JAPAN REGION
a	22	01	01	19.0	50.372	N	89.949	E	14	D	5.5	5.2	0.9	345	RUSSIA-MONGOLIA BORDER REGION. Mw 5.5 (HRV). Ms 5.0 (BRK).
	22	01	03	37.3?	38.26	N	21.89	E	5	G			1.5	4	GREECE. MD 2.6 (ATH).
	22	02	16	51.4&	63.036	N	150.922	W	129					66	CENTRAL ALASKA. <AEIC>.
	22	02	27	39.5&	63.049	N	151.154	W	14					53	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR).
	22	02	34	42.1?	66.91	N	161.31	W	10	G			0.9	4	NORTHERN ALASKA. ML 2.9 (PMR).
	22	03	37	23.2?	35.28	N	25.05	E	5	G	3.2		1.2	4	CRETE. MD 3.5 (ATH).
	22	03	53	24.7	34.032	N	24.914	E	5	G	4.3		0.9	20	CRETE. MD 4.0 (ATH).
	22	04	26	58.3&	59.125	N	152.363	W	73		4.1			125	SOUTHERN ALASKA. <AEIC>. Felt (III) at Port Graham.
	22	04	42	40.8?	38.31	N	22.07	E	5	G			0.8	4	GREECE. MD 2.9 (ATH).
	22	04	44	57.7%	38.305	N	22.037	E	10	G			1.6	5	GREECE. MD 2.8 (ATH).
	22	04	49	20.8	13.567	N	91.502	W	33	N	4.4	4.2	1.1	45	NEAR COAST OF GUATEMALA. Felt (II) at San Salvador, El Salvador.
	22	05	26	08.6	36.910	N	35.058	E	42	D	4.1		0.5	29	TURKEY. Felt at Adana.
	22	05	27	58.1*	42.999	N	126.795	W	10	G			0.6	41	OFF COAST OF OREGON
	22	05	51	20.3	44.665	N	6.811	E	9				0.6	18	FRANCE. ML 2.5 (GEN), 2.4 (LDG).
	22	06	12	19.5*	0.751	S	122.891	E	33	N	3.6		1.0	7	MINAHASSA PENINSULA, SULAWESI
	22	06	22	05.6*	55.638	N	163.952	E	33	N	4.1		1.4	14	OFF EAST COAST OF KAMCHATKA
	22	06	44	59.2&	63.275	N	151.091	W	7					63	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
	22	06	58	30.9%	38.321	N	21.892	E	5	G			1.2	5	GREECE. MD 2.9 (ATH).
	22	07	08	27.8%	38.415	N	21.975	E	10	G			0.9	6	GREECE. ML 3.1 (ATH).
	22	07	19	55.9&	59.908	N	153.159	W	127					49	SOUTHERN ALASKA. <AEIC>.
	22	07	48	51.0	32.904	S	71.511	W	33	N	3.9		1.3	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
a	22	07	57	10.9	16.413	S	168.108	E	33	N	5.6	5.3	1.1	268	VANUATU ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Ms 5.3 (BRK). Mo=8.4*10**17 Nm (PPT).
	22	08	38	00.3?	37.29	N	3.75	W	10	G			0.2	4	SPAIN. mbLg 2.5 (MDD).
	22	08	41	14.2?	0.21	N	123.43	E	179	?	4.5		1.4	8	MINAHASSA PENINSULA, SULAWESI
	22	08	43	54.7*	29.879	N	141.708	E	33	N	4.5		1.1	15	SOUTH OF HONSHU, JAPAN
	22	09	42	01.0%	38.308	N	22.020	E	5	G			1.3	5	GREECE. MD 2.9 (ATH).
	22	11	29	27.3	40.081	N	21.731	E	5	G			0.6	6	GREECE. MD 3.5 (ATH).
	22	11	53	04.8&	63.269	N	151.180	W	9		4.3			130	CENTRAL ALASKA. <AEIC>. ML 4.7 (AEIC), 4.8 (PMR). Felt (IV) in the western part of Denali National Park and (III) at Skwentna. Also felt at Denali National Park Headquarters and Kantishna.
	22	12	04	37.3*	6.436	N	77.540	W	33	N	4.2		1.2	18	NEAR WEST COAST OF COLOMBIA
	22	12	30	37.8%	39.969	N	21.482	E	5	G			1.5	5	GREECE. MD 3.0 (ATH).
	22	12	32	11.0	32.532	N	141.615	E	44	D	4.5		1.1	20	SOUTH OF HONSHU, JAPAN
	22	14	18	39.0&	59.754	N	152.168	W	64					57	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	22	14	28	51.2%	38.319	N	22.046	E	5	G			0.5	5	GREECE. ML 3.0 (ATH).
	22	15	22	36.4*	19.120	N	145.686	E	147	*	4.4		1.1	17	MARIANA ISLANDS
	22	15	38	47.1?	25.53	N	143.04	E	33	N	4.8		0.8	8	VOLCANO ISLANDS REGION
	22	16	00	00.1*	51.358	N	16.146	E	10	G			0.4	5	POLAND. MG 2.5 (WAR).
	22	16	13	14.5%	33.142	S	70.234	W	5	G			0.5	5	CHILE-ARGENTINA BORDER REGION
	22	16	22	44.9&	63.210	N	150.913	W	19					50	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	22	18	03	20.7	36.518	N	140.380	E	117		4.5		0.9	45	NEAR EAST COAST OF HONSHU, JAPAN
	22	18	30	15.6	5.613	S	147.726	E	175		5.0		0.8	67	EASTERN NEW GUINEA REG., P.N.G.
	22	18	59	03.7?	6.25	S	129.69	E	161	?	4.3		0.6	10	BANDA SEA
a	22	19	47	00.4	0.815	N	124.162	E	215	D	5.4		1.0	198	MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
	22	20	08	11.3	40.107	N	19.847	E	5	G			1.0	14	ALBANIA. ML 3.4 (TTG). MD 3.2 (ATH).
	22	20	21	59.2*	56.295	S	142.775	W	10	G	4.6		1.1	11	PACIFIC-ANTARCTIC RIDGE
	22	20	59	19.9?	63.20	S	171.01	E	10	G	4.3	4.1	1.5	13	BALLENY ISLANDS REGION
	22	22	58	32.2	25.881	N	142.706	E	29	D	4.6	3.8	0.8	25	VOLCANO ISLANDS REGION
	23	00	21	09.3*	11.434	N	86.302	W	5	G	4.3		1.0	25	NEAR COAST OF NICARAGUA
	23	00	28	44.5*	33.789	S	68.551	W	10	G			0.6	13	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
	23	00	42	45.0*	51.940	N	177.715	E	33	N	4.1	3.6	1.4	24	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.2 (PMR).
	23	01	02	49.7*	3.294	S	134.327	E	33	N	4.3		1.1	9	IRIAN JAYA REGION, INDONESIA
	23	02	16	51.4?	36.54	N	114.64	E	33	N	3.8		1.1	4	SOUTHEASTERN CHINA. ML 3.6 (BJI).
	23	03	08	24.3&	45.606	N	122.426	W	1					30	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.8 (SEA).
	23	03	14	37.3%	33.724	S	70.444	W	10	G			0.6	7	CHILE-ARGENTINA BORDER REGION
	23	03	40	27.2&	61.079	N	151.093	W	75					45	SOUTHERN ALASKA. <AEIC>.
	23	03	50	22.2	44.233	N	10.917	E	9				0.9	15	NORTHERN ITALY. ML 2.6 (LDG).
	23	04	12	21.1	11.590	N	125.962	E	31	D	4.7	4.3	1.0	53	SAMAR, PHILIPPINE ISLANDS
	23	04	38	17.5&	47.462	N	115.765	W	2	G				31	MONTANA. <BUT-P>. ML 2.9 (BUT), 2.8 (GS). Possible rockburst at the Lucky Friday Mine near Mullan, Idaho.
	23	05	01	09.0?	54.78	N	161.84	E	33	N	4.3		1.1	7	NEAR EAST COAST OF KAMCHATKA
	23	06	32	21.5%	47.136	N	6.735	E	10	G			0.3	8	FRANCE. ML 2.3 (LDG).
	23	06	33	48.5%	33.985	S	71.363	W	50	G			0.1	11	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	23	07	17	08.0&	35.038	N	116.999	W	5					44	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	23	08	16	37.4?	19.22	N	67.62	W	10	G			0.2	7	MONA PASSAGE. MD 3.3 (MPR).
	23	09	23	19.7?	34.44	S	70.37	W	10	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
a	23	10	15	09.5	18.020	S	174.634	W	64	*	5.1		0.8	80	TONGA ISLANDS. Mw 5.1 (HRV).
	23	10	18	58.7&	36.377	N	120.375	W	9					42	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.1 (PAS), 2.9 (GS).
	23	10	34	12.2	17.798	N	66.642	W	10	G			0.3	8	PUERTO RICO REGION. MD 2.4 (MPR).
	23	11	20	48.4%	36.667	N	3.209	W	10	G			0.4	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	23	11	31	10.9&	60.156	N	152.546	W	89					50	SOUTHERN ALASKA. <AEIC>.
	23	12	30	09.8*	6.397	S	146.449	E	79	*	3.7		0.7	8	EASTERN NEW GUINEA REG., P.N.G.
	23	13	41	49.9*	33.521	S	70.593	W	90	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	23	14	29	25.1	8.202	S	117.725	E	33	N	4.2		1.3	19	SUMBAWA REGION, INDONESIA
	23	14	32	52.3	38.277	N	22.117	E	5	G			0.8	7	GREECE. ML 2.8 (ATH).
	23	14	55	05.3	27.581	N	139.751	E	481		4.9		0.9	99	BONIN ISLANDS REGION
a	23	16	10	57.1	24.563	S	177.263	W	108	D	5.4		0.9	173	SOUTH OF FIJI ISLANDS. Mw 5.8 (HRV). Mo=5.9*10**17 Nm (PPT).
	23	16	12	11.0*	43.815	N	128.529	W	10	G	3.5		0.7	30	OFF COAST OF OREGON
	23	17	33	29.0*	7.449	S	130.225	E	33	N	4.3		1.1	10	TANIMBAR ISLANDS REG., INDONESIA
	23	18	14	25.5*	55.496	N	111.830	E	33	N	4.2		1.5	18	LAKE BAYKAL REGION, RUSSIA
	23	18	29	37.4*	12.316	N	125.214	E	33	N	4.5		0.9	13	SAMAR, PHILIPPINE ISLANDS
	23	19	25	10.3&	37.648	N	118.878	W	5					29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
	23	20	07	56.9*	15.269	S	173.282	W	33	N	4.5		0.8	14	TONGA ISLANDS

	23	20	19	25.8&	39.291	N	120.063	W	12				27	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	23	20	38	09.6?	11.83	N	88.09	W	33	N	4.5	0.9	8	OFF COAST OF CENTRAL AMERICA
	23	21	57	15.8&	37.651	N	118.879	W	5				46	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (GS), 3.0 (BRK).
	23	22	51	39.6*	51.713	N	7.696	E	10	G		0.8	7	GERMANY. ML 3.0 (BNS), 2.8 (UCC). Probably mining induced.
	23	23	07	13.6	50.170	N	90.134	E	33	N	4.1	1.1	22	RUSSIA-MONGOLIA BORDER REGION
	23	23	50	22.0?	32.29	S	72.04	W	33	N		0.7	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	23	23	58	35.8?	34.21	S	71.72	W	50	G		0.2	6	NEAR COAST OF CENTRAL CHILE
	24	00	04	12.5&	44.451	N	7.296	E	10	G		0.1	7	NORTHERN ITALY. ML 2.0 (GEN).
	24	00	52	10.1	51.622	N	16.206	E	10	G		1.1	16	POLAND. ML 3.3 (GRF).
	24	01	42	48.0&	37.648	N	118.877	W	4				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	24	02	03	08.6*	23.343	S	66.668	W	215	*	4.2	1.1	10	JUJUY PROVINCE, ARGENTINA
	24	02	17	46.3	40.202	N	21.685	E	5	G	3.9	1.0	30	GREECE. ML 3.6 (ATH).
	24	02	41	38.4	3.507	N	95.076	E	33	N	4.5	1.1	26	OFF W COAST OF NORTHERN SUMATERA
	24	02	46	29.9?	5.57	S	144.76	E	33	N		1.2	4	NEW GUINEA, PAPUA NEW GUINEA
	24	02	58	29.8&	38.821	N	122.792	W	4				11	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	24	03	04	09.2&	47.290	N	6.593	E	10	G		0.8	8	FRANCE. ML 2.3 (LDG).
	24	03	07	29.3*	32.235	S	69.803	W	120	G		0.4	13	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	24	03	22	21.8	10.336	S	120.466	E	40	*	4.7	1.4	42	SUMBA REGION, INDONESIA. Felt (II) at Waingapu.
	24	03	22	21.8*	35.715	N	21.497	E	33	N		1.0	15	CENTRAL MEDITERRANEAN SEA. MD 3.6 (ATH).
	24	05	27	57.4*	36.701	N	1.539	E	10	G		0.8	5	NORTHERN ALGERIA. mbLg 2.7 (MDD).
	24	05	28	17.0*	23.250	S	170.565	E	33	N	4.4	1.2	15	LOYALTY ISLANDS REGION
	24	05	28	52.2*	23.292	S	170.667	E	33	N	4.9 5.1	1.5	36	LOYALTY ISLANDS REGION
	24	06	33	27.5?	40.57	N	24.63	E	10	G		0.8	6	AEGEAN SEA
	24	06	35	19.2?	24.20	S	179.84	W	492	?	4.1	1.2	13	SOUTH OF FIJI ISLANDS
	24	06	41	50.6*	36.383	N	21.701	E	84	*		1.2	11	SOUTHERN GREECE. MD 3.4 (ATH).
a	24	06	58	06.6	3.959	S	153.930	E	386	D	6.2	1.0	496	NEW IRELAND REGION, P.N.G. Mw 6.8 (GS), 6.8 (HRV). mb 6.1 (BRK). Mo=4.0*10**19 Nm (PPT).
	24	07	02	09.9&	34.038	S	70.074	W	10	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	24	08	41	33.6*	17.243	N	40.532	E	10		4.4	0.9	22	RED SEA. MD 4.8 (RYD).
	24	09	16	31.6?	32.26	S	178.67	W	33	N	4.6	1.4	15	SOUTH OF KERMADEC ISLANDS
	24	09	48	37.2?	9.60	S	123.16	E	55	?	3.6	1.1	6	TIMOR REGION, INDONESIA
	24	09	54	45.9*	31.580	S	69.443	W	99	?		0.9	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	24	10	24	22.8&	33.789	S	71.109	W	60	G		0.2	9	NEAR COAST OF CENTRAL CHILE
	24	11	06	54.6&	30.349	S	117.699	E	10	G		0.9	5	WESTERN AUSTRALIA
	24	11	20	22.0*	23.363	S	170.562	E	33	N	4.4	1.2	28	LOYALTY ISLANDS REGION
	24	12	31	32.9*	23.288	S	170.765	E	33	N	4.6	1.2	24	LOYALTY ISLANDS REGION
	24	13	08	46.6*	58.298	S	25.416	W	33	N	4.4	0.9	11	SOUTH SANDWICH ISLANDS REGION
	24	13	16	54.8	38.237	N	22.057	E	5	G		1.1	10	GREECE. ML 3.3 (ATH).
	24	13	27	19.4	38.357	N	22.226	E	5	G		0.8	10	GREECE. ML 3.4 (ATH).
	24	15	07	17.1*	16.379	S	177.300	W	416	*	4.1	1.1	19	FIJI ISLANDS REGION
	24	15	08	33.2&	36.123	N	120.214	W	10				50	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.4 (BRK).
	24	15	15	38.6?	31.14	S	71.98	W	40	G		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	24	15	54	30.1	42.626	N	18.290	E	5	G		0.2	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	24	15	56	30.4&	48.165	N	0.767	W	5	G		1.2	19	FRANCE. ML 3.7 (LDG).
	24	15	57	40.4	37.983	N	31.318	W	10	G	4.8	0.9	78	AZORES ISLANDS REGION
	24	16	54	57.9&	33.687	S	70.548	W	90	G		0.1	9	CHILE-ARGENTINA BORDER REGION
	24	16	55	29.6*	35.291	S	15.869	W	10	G	4.7 4.3	0.9	16	TRISTAN DA CUNHA REGION
	24	17	37	03.8	18.539	S	177.767	W	545		4.6	1.1	66	FIJI ISLANDS REGION
	24	17	46	03.4	12.059	N	125.596	E	33	N	4.8	0.8	39	SAMAR, PHILIPPINE ISLANDS
	24	18	13	44.4	41.663	N	20.248	E	10	G		0.9	12	ALBANIA. ML 2.7 (TTG).
	24	18	15	30.4?	33.30	S	72.63	W	33	N		0.4	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	24	18	16	03.7*	33.368	S	72.471	W	33	N		0.6	9	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	24	18	45	15.2?	35.77	N	4.63	W	104	?		0.6	11	STRAIT OF GIBRALTAR. MD 3.1 (MDD).
	24	19	31	53.1&	46.245	N	1.829	E	5	G		0.8	15	FRANCE. ML 2.8 (LDG).
	24	20	14	24.7*	26.542	N	127.623	E	145	?	3.6	0.6	9	RYUKYU ISLANDS
	24	21	22	03.8	9.439	N	93.128	E	33	N	4.4	1.1	38	NICOBAR ISLANDS, INDIA
	24	21	26	49.7&	61.733	N	151.681	W	97				60	SOUTHERN ALASKA. <AEIC>.
	24	21	58	30.9?	8.80	S	125.99	E	33	N	3.6	1.4	9	TIMOR REGION, INDONESIA
	24	22	04	53.0?	38.34	N	21.97	E	5	G		0.2	4	GREECE. MD 2.7 (ATH).
	24	22	23	18.3?	38.37	N	21.96	E	10	G		0.4	4	GREECE. MD 2.6 (ATH).
	24	23	38	40.5?	33.30	S	72.69	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	25	01	05	32.4	38.296	N	21.761	E	24		4.1	1.1	49	GREECE. ML 3.7 (ATH), 3.7 (THE). Felt strongly at Patrai.
	25	02	01	24.6&	38.385	N	22.248	E	10	G		0.6	5	GREECE. ML 2.8 (ATH).
	25	02	08	52.3&	37.225	N	6.429	W	10	G		0.2	5	SPAIN. mbLg 3.3 (MDD).
a	25	02	10	39.7	3.321	S	150.458	E	32	D	5.7 6.3	1.0	192	NEW IRELAND REGION, P.N.G. Mw 6.2 (GS), 6.2 (HRV). Ms 6.3 (BRK). Mo=7.7*10**18 Nm (PPT).
	25	02	23	52.5&	33.994	N	116.733	W	17				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt in the Palm Springs area.
	25	02	42	38.2	38.330	N	22.083	E	5	G		0.7	6	GREECE. ML 3.0 (ATH).
	25	03	29	22.1*	17.904	N	66.273	W	10	G		0.4	8	PUERTO RICO REGION. MD 2.6 (MPR).
	25	03	38	58.8?	17.90	S	178.77	W	654	?	4.4	0.5	12	FIJI ISLANDS REGION
	25	04	42	15.7?	44.41	N	7.39	E	5	G		0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
	25	04	52	45.0?	56.44	N	151.38	W	10	G		0.6	29	KODIAK ISLAND REGION. ML 3.2 (AEIC).
	25	04	59	44.6*	31.037	N	140.964	E	33	N	4.6	1.1	12	SOUTH OF HONSHU, JAPAN
	25	05	05	17.6	56.333	S	26.613	W	60	?	5.2	0.9	72	SOUTH SANDWICH ISLANDS REGION
	25	06	38	32.3	38.051	N	72.984	E	163		5.0	0.9	242	TAJIKISTAN
a	25	06	59	06.2	24.600	N	121.700	E	52	D	5.8 5.6	1.0	442	TAIWAN. Mw 5.9 (GS), 6.0 (HRV). mb 6.1 (BRK). One person killed, three injured and six houses damaged by landslides in the epicentral area. Felt throughout Taiwan. Also felt (II JMA) on Kin-men and Peng-hu.
	25	07	00	37.5&	38.312	N	22.226	E	5	G		0.7	5	GREECE. ML 3.0 (ATH).
	25	07	51	27.1	29.027	S	70.278	W	95	D	4.1	1.0	39	CENTRAL CHILE. MD 4.6 (SAN).
	25	08	03	29.8	43.192	N	146.511	E	41	D	4.9	0.8	108	KURIL ISLANDS
	25	08	58	31.0	52.894	N	142.752	E	33	N	4.5	1.0	34	SAKHALIN ISLAND. Felt (III) at Okha and Russa.
	25	09	11	32.3	7.789	N	75.548	W	33	N	4.7	1.0	104	NORTHERN COLOMBIA
	25	09	14	25.1?	18.81	N	66.97	W	25	G		0.5	4	PUERTO RICO REGION. MD 3.7 (MPR).
	25	09	35	32.1&	60.623	N	151.478	W	52				47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	25	11	00	47.4?	32.47	S	71.69	W	5	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
a	25	12	25	40.3	26.116	N	124.753	E	194		5.2	1.0	307	NORTHEAST OF TAIWAN. Mw 5.2 (HRV).

	25	13	40	35.3?	36.39	N	5.77	E	10	G			1.1	5	NORTHERN ALGERIA
	25	13	41	52.0	51.631	N	16.335	E	5	G			0.8	15	POLAND. ML 3.4 (VIE), 3.3 (GRF).
	25	13	54	20.7&	41.928	N	19.705	E	10	G			0.4	8	ALBANIA. ML 2.1 (TTG).
	25	14	12	54.7	38.264	N	21.980	E	5	G			0.8	9	GREECE. ML 3.1 (ATH).
	25	14	15	59.7?	38.25	N	22.01	E	10	G			0.7	4	GREECE. MD 2.8 (ATH).
	25	14	52	53.4*	18.848	N	145.183	E	196	*	4.3		0.8	32	MARIANA ISLANDS
	25	15	04	15.7&	38.246	N	21.977	E	10	G			1.0	5	GREECE. MD 2.7 (ATH).
	25	15	22	30.6?	11.52	N	125.85	E	33	N	3.8		1.0	7	SAMAR, PHILIPPINE ISLANDS
	25	15	36	01.7*	40.066	N	21.748	E	10	G			1.3	6	GREECE. MD 3.0 (ATH).
	25	15	42	24.6?	38.34	N	21.98	E	5	G			1.4	4	GREECE. MD 2.9 (ATH).
	25	15	46	32.5?	8.27	S	158.18	E	103	?	3.9		0.9	10	SOLOMON ISLANDS
	25	16	11	38.3&	33.194	S	70.285	W	110	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	25	16	34	43.8?	38.26	N	22.01	E	10	G			0.5	4	GREECE. MD 2.6 (ATH).
	25	17	25	19.4*	0.076	S	100.195	E	33	N	4.2		1.2	19	SOUTHERN SUMATERA, INDONESIA
	25	17	31	51.1*	47.258	N	8.633	E	10	G			1.2	10	SWITZERLAND. ML 2.9 (LDG), 2.8 (GRF), 2.7 (VIE).
	25	18	53	06.0	47.596	N	8.706	E	10	G			0.8	50	SWITZERLAND. ML 3.9 (VIE), 3.9 (GRF), 3.7 (LDG), 3.6 (MOX).
	25	20	12	48.8	44.438	N	7.277	E	10	G			0.6	14	NORTHERN ITALY. ML 2.2 (GEN), 2.2 (LDG).
	25	20	24	29.0	45.728	N	26.875	E	92		3.6		1.0	18	ROMANIA
	25	20	38	10.2&	38.271	N	22.015	E	5	G			0.4	4	GREECE. MD 3.0 (ATH).
	25	21	48	57.1?	44.51	N	7.32	E	5	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	25	22	04	29.5?	48.32	N	1.20	W	10	G			0.3	4	FRANCE. ML 1.6 (LDG).
	25	22	59	35.1?	23.18	S	169.26	E	42	?	4.0		1.2	14	LOYALTY ISLANDS REGION
	25	23	05	15.4?	38.28	N	21.97	E	5	G			0.8	4	GREECE. MD 2.6 (ATH).
	25	23	37	02.4?	6.58	S	106.37	E	169	?	4.4		0.7	14	JAWA, INDONESIA
	26	00	04	34.7	21.819	N	143.009	E	308	*	4.4		0.8	39	MARIANA ISLANDS REGION
	26	00	36	17.0	36.747	N	81.452	W	5	G	3.1		0.7	15	NORTH CAROLINA. mbLg 3.5 (GS). Felt (V) at Chilhowie, Independence, Mouth of Wilson, Sugar Grove and Trout Dale; (IV) at Atkins and (III) at Richlands, Virginia. Felt (IV) at Jefferson and West Jefferson, North Carolina. Also felt (III) at Lansing, North Carolina.
	26	01	49	16.8	38.238	N	21.908	E	5	G			0.9	7	GREECE. ML 3.0 (ATH).
	26	01	52	58.2	38.227	N	21.985	E	5	G			1.2	10	GREECE. ML 3.1 (ATH).
	26	02	20	17.2?	38.28	N	22.03	E	10	G			1.1	4	GREECE. ML 3.1 (ATH).
a	26	02	51	40.2	55.380	S	27.907	W	33	N	5.1	4.8	1.1	42	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
	26	02	59	40.6?	36.41	N	3.09	W	10	G			0.1	4	STRAIT OF GIBRALTAR. mbLg 2.1 (MDD).
	26	03	24	47.8?	38.38	N	22.06	E	5	G			0.7	4	GREECE. MD 2.7 (ATH).
	26	03	25	50.7&	62.022	N	151.861	W	99					71	CENTRAL ALASKA. <AEIC>.
a	26	03	41	42.3	55.359	S	27.899	W	33	N	5.4	5.2	0.9	104	SOUTH SANDWICH ISLANDS REGION. Mw 5.6 (GS), 5.6 (HRV).
	26	04	09	03.7	35.310	N	26.663	E	74		3.9		1.2	57	CRETE. MD 4.2 (ATH).
	26	04	34	27.3	55.379	S	27.706	W	33	N	4.7	4.8	0.9	26	SOUTH SANDWICH ISLANDS REGION
	26	04	50	15.9	11.896	N	143.702	E	44	D	4.3		0.8	16	SOUTH OF MARIANA ISLANDS
	26	05	02	16.8*	7.679	S	154.366	E	150	*	4.0		1.0	10	SOLOMON ISLANDS
	26	05	41	05.9&	48.350	N	125.308	W	29		3.3			36	VANCOUVER ISLAND REGION. <SEA-P>. MD 3.0 (SEA). ML 3.2 (PGC).
	26	05	56	46.3&	59.250	N	152.878	W	167					21	SOUTHERN ALASKA. <AEIC>.
	26	06	18	34.0&	45.271	N	6.533	E	10	G			0.2	6	FRANCE
	26	06	30	12.2?	36.31	N	3.08	W	10	G			0.2	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
a	26	06	48	49.7	17.923	S	178.529	W	582	D	5.0		0.8	195	FIJI ISLANDS REGION. Mw 5.3 (HRV).
	26	07	04	21.0?	38.32	N	21.98	E	5	G			1.8	4	GREECE. MD 2.8 (ATH).
	26	07	19	31.0&	34.394	N	118.664	W	11					56	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	26	07	21	03.3	23.632	N	94.640	E	116		4.5		0.5	33	MYANMAR-INDIA BORDER REGION
	26	08	40	28.9&	34.394	N	118.669	W	13		4.7	4.5		152	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.0 (PAS), 5.2 (BRK), 4.9 (GS). Felt (V) at Glendale, North Hollywood, Reseda, Saugus, Simi Valley, Sunland and Sun Valley; (IV) at Agoura, Alton, Camarillo, Covina, Lakewood, Los Angeles, Montrose, Moorpark, Newbury Park, Northridge, Norwalk, Port Hueneme, San Pedro, Simi, Sylmar, Thousand Oaks, Topanga, Torrance, Tujunga, Venice and Whittier. Felt in Kern, Los Angeles, Orange, San Diego, Santa Barbara and Ventura Counties.
	26	08	58	41.5&	34.410	N	118.639	W	13					59	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
a	26	10	18	47.0	23.245	S	170.353	E	33	N	5.1	4.8	1.1	86	LOYALTY ISLANDS REGION. Mw 5.3 (HRV).
	26	10	49	03.6&	42.565	N	19.284	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	26	11	00	39.3	38.262	N	21.947	E	5	G			0.9	6	GREECE. ML 3.1 (ATH).
	26	11	31	07.3?	45.27	N	6.51	E	10	G			0.1	6	FRANCE
	26	12	51	40.4&	32.727	N	117.176	W	6	G				7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.7 (PAS). MD 2.7 (ECX). Felt (III) at National City and (II) at Encinitas. Also felt in the San Diego area.
	26	13	47	15.1?	5.66	S	104.78	E	124	?	3.8		0.9	6	SOUTHERN SUMATERA, INDONESIA
	26	14	05	14.8*	55.203	S	26.683	W	33	N	4.5	3.8	1.1	14	SOUTH SANDWICH ISLANDS REGION
	26	14	39	32.4?	35.56	N	25.18	E	10	G			0.5	4	CRETE. MD 3.8 (ATH).
	26	14	55	39.7*	11.582	N	125.895	E	33	N	4.1		1.0	12	SAMAR, PHILIPPINE ISLANDS
	26	15	26	50.8*	6.548	S	103.361	E	33	N	4.1		1.2	8	SOUTHWEST OF SUMATERA, INDONESIA
	26	15	29	31.2?	6.52	S	103.18	E	33	N	4.3		1.4	8	SOUTHWEST OF SUMATERA, INDONESIA
	26	16	28	44.4&	60.260	N	140.950	W	5					38	SOUTHEASTERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.2 (PGC).
	26	17	38	14.8*	8.266	S	120.725	E	182	?	4.6		1.1	13	FLORES REGION, INDONESIA
	26	17	43	41.0	47.746	N	12.823	E	5	G			1.2	18	AUSTRIA. MD 3.2 (LJU). ML 3.1 (LDG), 2.8 (VIE), 2.8 (FUR).
	26	17	55	30.0	11.547	N	125.907	E	33	N	4.7	4.4	0.8	42	SAMAR, PHILIPPINE ISLANDS
	26	18	44	45.6	13.525	N	125.109	E	33	N	4.4		1.1	23	PHILIPPINE ISLANDS REGION
	26	18	50	06.0*	38.295	N	22.005	E	5	G			0.6	5	GREECE. ML 3.0 (ATH).
	26	19	01	26.8	40.161	N	21.810	E	10	G			0.3	6	GREECE. MD 2.9 (ATH).
	26	19	03	35.1?	11.55	N	125.98	E	33	N	4.5		1.0	10	SAMAR, PHILIPPINE ISLANDS
	26	19	41	56.3	40.281	N	21.681	E	5	G			1.2	12	GREECE. MD 3.2 (ATH).
	26	20	20	25.0	6.223	S	103.964	E	77	*	4.8		0.9	63	SOUTHWEST OF SUMATERA, INDONESIA
	26	20	20	36.1*	6.166	S	104.219	E	33	N	4.2		1.0	17	SUNDA STRAIT
	26	20	38	27.2*	6.280	N	123.570	E	603	?	4.3		0.8	13	MINDANAO, PHILIPPINE ISLANDS
a	26	20	40	56.0	30.252	N	41.885	W	10	G	5.0	4.6	1.0	123	NORTHERN MID-ATLANTIC RIDGE. Mw 5.3 (HRV).
	26	20	49	50.8?	38.29	N	22.08	E	10	G			0.2	4	GREECE. MD 2.7 (ATH).
	26	20	53	58.8?	29.76	N	41.86	W	10	G	3.5		1.4	8	NORTHERN MID-ATLANTIC RIDGE
	26	21	12	55.8	36.560	N	51.196	E	33	N	4.1	4.2	1.4	23	NORTHERN IRAN. Felt at Chalus and Tehran.
a	26	21	26	49.3	7.115	N	34.342	W	10	G	4.9	5.3	1.0	118	CENTRAL MID-ATLANTIC RIDGE. Mw 5.8 (HRV).

	26	21	40	45.4	44.447	N	10.670	E	17			0.6	19	NORTHERN ITALY. ML 2.8 (VIE), 2.8 (LDG).
	26	22	27	58.5*	23.461	S	179.793	E	616	?	4.3	0.5	19	SOUTH OF FIJI ISLANDS
	26	22	38	03.9&	60.030	N	151.312	W	44				34	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	26	22	44	39.6?	38.32	N	22.00	E	10	G		0.1	4	GREECE. MD 2.6 (ATH).
	26	23	27	38.8*	39.873	N	48.344	E	67		4.4	0.8	51	ARMENIA-AZERBAIJAN-IRAN BORD REG
	26	23	42	47.4?	44.99	N	5.28	E	10	G		0.4	6	FRANCE. ML 2.4 (LDG).
	27	00	37	29.7?	2.82	S	79.16	W	33	N	4.9	0.6	8	NEAR COAST OF ECUADOR. Felt (III) at Tumbes, Peru.
	27	00	46	46.3	39.900	N	48.372	E	74		4.3	0.9	21	ARMENIA-AZERBAIJAN-IRAN BORD REG
	27	01	43	19.1	43.189	N	0.209	W	5	G		1.0	23	PYRENEES. mbLg 3.5 (MDD). ML 3.7 (LDG). Felt (IV) in the epicentral area.
	27	02	21	39.8&	59.971	N	153.418	W	130				41	SOUTHERN ALASKA. <AEIC>.
	27	02	31	28.0*	16.720	S	174.319	W	129	*	4.1	0.6	11	TONGA ISLANDS
	27	02	52	01.2?	40.61	N	23.77	E	5	G		0.7	4	GREECE. MD 3.0 (ATH).
	27	03	32	17.4?	28.02	N	34.42	E	10	G		0.3	6	EGYPT. MD 3.2 (RYD).
	27	03	44	41.7?	18.24	N	146.58	E	51	?	4.4	1.1	13	MARIANA ISLANDS
	27	04	05	46.8	40.044	N	21.581	E	5	G	3.8	1.4	13	GREECE. MD 3.5 (ATH).
a	27	04	09	29.3	55.333	S	27.995	W	33	N	5.2 5.2	1.0	96	SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (GS), 5.7 (HRV).
	27	04	11	01.8&	46.286	N	0.138	E	10	G		1.2	5	FRANCE. ML 2.1 (LDG).
	27	04	22	36.2	55.365	S	27.962	W	33	N	5.0 5.5	1.0	67	SOUTH SANDWICH ISLANDS REGION
	27	05	00	03.3*	55.312	S	27.883	W	33	N	4.3	0.5	13	SOUTH SANDWICH ISLANDS REGION
	27	05	02	13.1&	46.831	N	7.626	E	10	G		1.1	9	SWITZERLAND. ML 2.6 (LDG).
	27	05	07	24.3&	61.008	N	150.105	W	37				48	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	27	05	07	31.6&	15.407	N	61.090	W	110	G		0.3	10	LEEWARD ISLANDS
	27	05	16	35.4	7.751	S	108.035	E	81		4.8	0.9	116	JAWA, INDONESIA
	27	05	36	48.9	40.115	N	21.578	E	5	G		0.7	6	GREECE. MD 3.0 (ATH).
	27	05	48	25.1?	26.21	N	96.34	E	33	N	4.6	0.4	6	MYANMAR
	27	05	50	50.9	36.041	N	29.632	E	49	*		0.7	21	TURKEY. MD 4.2 (ATH).
	27	05	55	22.7?	38.76	N	23.33	E	5	G		1.1	4	GREECE. ML 3.1 (ATH).
	27	06	33	53.8	40.100	N	21.399	E	5	G	3.5	1.3	15	GREECE. MD 3.4 (ATH).
	27	06	50	22.6&	48.366	N	125.180	W	14				26	VANCOUVER ISLAND REGION. <SEA-P>. MD 3.2 (SEA). ML 3.1 (PGC).
	27	07	28	11.8*	1.232	S	24.041	W	10	G	4.2	1.0	17	CENTRAL MID-ATLANTIC RIDGE
	27	09	23	08.6&	37.652	N	118.881	W	4				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM). ML 2.4 (GS).
	27	09	55	12.8*	52.789	N	33.787	W	10	G	3.7	0.9	9	NORTH ATLANTIC OCEAN
a	27	10	09	58.0	18.835	N	81.719	W	10	G	5.8 5.7	1.0	311	CARIBBEAN SEA. Mw 6.0 (GS), 6.0 (HRV). Ms 5.5 (BRK). Mo=2.0*10**18 Nm (PPT). Felt on Grand Cayman.
	27	10	31	19.4&	37.648	N	118.888	W	5				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 3.0 (GS).
	27	11	17	08.7&	60.190	N	153.756	W	164				41	SOUTHERN ALASKA. <AEIC>.
	27	12	02	05.8&	37.654	N	118.880	W	4				36	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	27	12	04	29.4?	38.31	N	22.06	E	5	G		1.2	4	GREECE. MD 2.6 (ATH).
	27	12	46	41.4*	15.070	S	173.085	W	25	*	4.6	1.2	18	TONGA ISLANDS
	27	13	20	27.3?	18.21	N	67.32	W	30	*		0.2	6	MONA PASSAGE. MD 2.5 (MPR).
	27	13	32	15.1*	15.199	S	74.637	W	52	D	4.1	1.2	24	NEAR COAST OF PERU. Felt (III) at Nazca.
	27	13	38	34.6&	44.114	N	8.087	E	5	G		0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
	27	14	20	40.5*	38.268	N	22.045	E	5	G		1.4	6	GREECE. MD 3.0 (ATH).
	27	15	15	35.5&	40.387	N	125.317	W	17				3	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	27	15	17	24.0	11.446	N	125.762	E	33	N	4.6	0.9	26	SAMAR, PHILIPPINE ISLANDS
	27	15	20	16.1*	32.583	S	71.673	W	13			0.9	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
a	27	15	53	26.7	16.584	S	172.587	W	33	N	4.9 4.8	1.0	77	SAMOA ISLANDS REGION. Mw 5.2 (HRV).
	27	15	54	48.2?	21.08	S	173.77	W	33	N	4.7	1.5	8	TONGA ISLANDS
	27	16	00	57.2?	34.22	S	70.98	W	71	?		0.1	7	CHILE-ARGENTINA BORDER REGION
	27	16	38	33.4?	38.36	N	21.88	E	5	G		0.7	4	GREECE. MD 2.6 (ATH).
	27	16	47	16.0	4.807	S	68.630	E	10	G	4.9 4.6	1.2	77	CHAGOS ARCHIPELAGO REGION
a	27	17	16	34.5	3.958	S	151.085	E	391		5.4	0.8	248	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV).
	27	17	16	50.5	47.773	N	12.810	E	5	G		1.3	18	AUSTRIA. MD 3.5 (LJU). ML 3.3 (LDG), 3.0 (FUR), 3.0 (VIE).
	27	18	52	35.3*	10.734	S	121.172	E	33	N	3.9	0.6	5	SAVU SEA
	27	20	05	25.4*	9.526	S	116.757	E	33	N	4.1	1.3	8	SUMBAWA REGION, INDONESIA
	27	20	14	48.6&	38.777	N	119.693	W	5	G			49	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.5 (BRK), 3.5 (GS). Mo=1.1*10**14 Nm (BRK). Second event, ML 3.5 (BRK), in coda 2.3 seconds later.
	27	20	46	05.2?	44.81	N	5.32	E	10	G		1.3	4	FRANCE
	27	20	58	38.2?	35.81	S	71.40	W	130	G		0.4	10	CENTRAL CHILE
a	27	21	12	56.2	17.175	S	66.871	E	10	G	5.0 4.7	1.0	87	MAURITIUS-REUNION REGION. Mw 5.5 (HRV).
	27	22	09	07.7?	44.54	N	7.15	E	5	G		0.4	4	NORTHERN ITALY. ML 1.5 (GEN).
	27	22	19	01.7?	35.63	N	3.39	W	10	G		0.1	4	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	27	23	09	37.5	38.818	N	24.088	E	10	G		1.3	16	AEGEAN SEA. ML 3.5 (ATH).
	27	23	14	12.6?	38.76	N	24.27	E	10	G		0.2	4	AEGEAN SEA. ML 2.9 (ATH).
	27	23	44	17.3?	38.76	N	24.06	E	10	G		0.3	4	AEGEAN SEA. ML 3.0 (ATH).
	28	00	44	38.7?	18.20	N	67.12	W	33	N		0.2	6	MONA PASSAGE. MD 2.4 (MPR).
	28	02	03	11.8?	38.34	N	22.05	E	5	G		1.4	4	GREECE. MD 2.7 (ATH).
	28	02	17	39.1	3.814	S	153.842	E	404		4.6	0.8	38	NEW IRELAND REGION, P.N.G.
	28	02	44	28.4	19.044	S	177.748	W	452		4.8	1.0	69	FIJI ISLANDS REGION
	28	03	04	22.8	38.769	N	24.137	E	10		4.0	1.2	48	AEGEAN SEA. MD 4.1 (ATH). ML 4.0 (ROM).
	28	03	18	20.8*	38.271	N	22.072	E	10	G		0.5	5	GREECE. MD 3.0 (ATH).
	28	03	38	57.3	35.436	N	102.378	W	5	G		0.3	11	TEXAS PANHANDLE REGION. mbLg 2.8 (GS).
	28	04	39	00.9	40.252	N	21.640	E	5	G		1.2	7	GREECE. MD 3.4 (ATH).
	28	04	49	07.8*	39.048	N	28.079	E	5	G		0.9	5	TURKEY. MD 3.6 (ATH).
	28	05	22	00.1?	23.65	S	115.38	W	10	G	4.7	1.2	24	SOUTHERN EAST PACIFIC RISE
	28	05	23	09.6?	23.67	S	115.50	W	10	G	4.7	0.7	13	SOUTHERN EAST PACIFIC RISE
	28	05	48	27.4	59.074	N	1.389	E	10	G	4.1	1.0	29	NORTH SEA
	28	07	28	11.0?	33.36	S	72.64	W	33	N		0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	28	08	30	08.5*	61.706	N	13.842	E	10	G		0.2	5	SWEDEN. ML 1.5 (NAO).
	28	09	51	27.5&	34.392	N	116.466	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	10	41	42.6?	10.84	N	62.14	W	33	N		0.1	4	NEAR COAST OF VENEZUELA. MD 2.9 (TRN).
	28	11	01	29.9?	1.49	N	127.34	E	70	*	4.4	1.3	10	HALMAHERA, INDONESIA
	28	11	14	53.6	51.439	N	178.342	W	33	N	4.9 4.2	0.9	171	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR). Felt (III) on Adak.
	28	11	23	25.9	20.774	N	121.286	E	33	N	4.7 4.3	0.8	65	PHILIPPINE ISLANDS REGION
	28	11	34	24.7	30.928	N	142.845	E	33	N	4.5 3.8	1.0	58	SOUTH OF HONSHU, JAPAN

	28	11	42	33.0	80.098	N	0.761	E	10	G	3.9		1.2	20	NORTH OF SVALBARD
	28	11	50	07.7	28.100	S	70.628	W	75	*	4.7		1.3	37	CENTRAL CHILE
	28	12	04	17.3	17.523	N	94.186	W	183	D	4.7		0.9	82	CHIAPAS, MEXICO
	28	12	19	21.5*	16.640	N	86.131	W	10	G	4.6		1.1	24	CARIBBEAN SEA
	28	13	57	52.9	20.778	N	121.266	E	36	D	4.8		0.9	65	PHILIPPINE ISLANDS REGION
	28	14	12	17.4&	36.116	N	120.220	W	9					34	CENTRAL CALIFORNIA. <GM-P>. MD 2.1 (GM).
	28	14	12	30.9&	36.116	N	120.213	W	8					10	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (PAS).
	28	14	14	51.4%	42.317	N	19.513	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a	28	14	14	53.3	22.094	N	121.570	E	33	N	5.3	4.5	1.0	143	TAIWAN REGION. Mw 5.3 (HRV).
	28	14	45	36.7*	45.736	S	37.922	E	10	G	4.2		1.3	15	PRINCE EDWARD ISLANDS REGION
	28	14	47	23.7&	40.877	N	125.233	W	23					22	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.2 (GS).
	28	15	28	12.6%	42.406	N	19.202	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	28	16	06	59.7*	46.002	S	37.440	E	10	G	4.3		0.7	22	PRINCE EDWARD ISLANDS REGION
	28	17	17	36.9&	34.396	N	118.655	W	13					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS). Felt.
	28	18	04	39.5*	34.884	S	72.049	W	33	N	4.5		1.2	23	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	28	18	08	06.6?	38.33	N	22.14	E	5	G			0.2	4	GREECE. MD 2.8 (ATH).
	28	18	18	59.1	40.081	N	21.856	E	5	G			1.4	8	GREECE. MD 3.1 (ATH).
	28	18	39	29.8?	38.35	N	22.20	E	33	N			0.9	4	GREECE. MD 2.9 (ATH).
	28	18	41	20.9?	33.29	S	72.68	W	33	N			0.4	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	28	18	51	05.2*	33.324	S	72.378	W	33	N			0.8	12	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	28	19	58	50.5*	15.788	N	147.640	E	33	N	4.5		0.7	9	MARIANA ISLANDS REGION
	28	20	04	28.3*	28.362	N	91.893	E	28	D	4.4		1.2	26	XIZANG
	28	20	15	05.4?	58.97	N	4.55	E	10	G			0.7	5	NORTH SEA. MD 1.4 (BER). ML 1.6 (NAO).
	28	20	38	12.3	83.545	N	113.983	E	10	G	4.2		0.9	29	NORTH OF SEVERNAYA ZEMLYA
	28	20	43	02.0*	44.180	N	9.544	E	10	G			0.9	8	NORTHERN ITALY. ML 2.4 (LDG), 2.2 (GEN).
	28	20	54	48.7%	33.131	S	70.048	W	5	G			0.8	7	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	28	21	05	18.8?	34.02	S	70.13	W	10	G			0.9	5	CHILE-ARGENTINA BORDER REGION
a	28	21	14	49.9	1.551	S	127.467	E	33	N	5.7	5.2	1.1	160	HALMAHERA, INDONESIA. Mw 5.8 (HRV). Mo=2.4*10**18 Nm (PPT).
	28	21	17	46.5?	44.37	N	7.39	E	5	G			0.1	4	NORTHERN ITALY. ML 1.8 (GEN).
	28	21	29	09.1&	34.356	N	116.904	W	5					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	28	21	46	52.2	31.128	N	86.834	E	33	N	4.5		1.1	64	XIZANG
	28	21	47	37.6	41.996	N	23.029	E	10	G			0.8	9	GREECE-BULGARIA BORDER REGION. MD 3.1 (ATH).
	28	21	49	05.2*	26.428	N	140.581	E	410	*	4.3		0.8	47	BONIN ISLANDS REGION
	28	22	05	37.2&	60.055	N	153.416	W	133					39	SOUTHERN ALASKA. <AEIC>.
	28	22	22	43.4*	83.334	N	114.644	E	10	G	3.9		0.9	12	NORTH OF SEVERNAYA ZEMLYA
	28	22	49	13.3%	33.716	S	70.451	W	10	G			0.7	8	CHILE-ARGENTINA BORDER REGION
	28	22	57	11.8*	9.074	S	118.745	E	83	*	4.7		1.3	23	SUMBAWA REGION, INDONESIA
	28	23	16	29.9	40.211	N	21.702	E	5	G			1.2	7	GREECE. MD 3.0 (ATH).
	28	23	27	14.6	1.506	S	127.607	E	48	?	4.8		1.3	34	HALMAHERA, INDONESIA
	28	23	28	38.3	17.673	N	61.602	W	55		4.7	4.5	0.7	123	LEEWARD ISLANDS. MD 5.1 (TRN). Felt.
	28	23	40	54.8?	33.32	S	72.63	W	33	N			0.5	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	28	23	43	27.8?	17.69	N	61.61	W	33	N			1.0	8	LEEWARD ISLANDS. MD 3.3 (TRN).
	28	23	58	04.0%	33.067	S	70.364	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	29	00	16	27.7&	63.220	N	150.764	W	123					46	CENTRAL ALASKA. <AEIC>.
	29	01	13	35.1*	44.888	N	146.780	E	33	N	4.4		1.1	18	KURIL ISLANDS
	29	01	27	02.8	33.912	S	72.319	W	41		5.1	4.5	0.9	110	OFF COAST OF CENTRAL CHILE. MD 5.0 (SAN).
	29	01	29	05.9?	44.73	N	7.41	E	33	N			0.2	4	NORTHERN ITALY. ML 2.1 (GEN).
	29	01	35	57.7&	40.288	N	124.377	W	20					23	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	29	01	38	50.4%	45.082	N	2.850	E	10	G			0.3	5	FRANCE. ML 1.8 (LDG).
	29	02	00	23.7&	37.535	N	118.827	W	5					62	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.6 (GS), 3.4 (BRK).
	29	02	45	51.8%	33.692	S	70.681	W	31	*			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	29	03	00	41.6?	46.01	N	14.88	E	5	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU). Felt in the Sentvid Pri Sticni area.
	29	03	01	27.6?	46.01	N	14.88	E	5	G			0.7	4	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU). Felt in the Sentvid Pri Sticni area.
	29	03	03	59.6*	21.172	S	177.758	W	383	?	3.8		1.1	15	FIJI ISLANDS REGION
	29	03	37	01.7*	7.456	S	128.646	E	137	?	4.4		0.8	12	BANDA SEA
	29	03	47	23.7	45.941	N	14.859	E	5	G			0.7	7	NORTHWESTERN BALKAN REGION. MD 3.4 (LJU). ML 2.7 (VIE). Felt (IV) in the Sentvid Pri Sticni area.
	29	04	02	42.1	46.112	N	13.604	E	10	G			0.9	12	AUSTRIA. MD 3.4 (LJU). ML 3.0 (VIE). Felt at Deskle, Slovenia.
	29	04	05	11.7&	62.939	N	150.844	W	103					56	CENTRAL ALASKA. <AEIC>.
	29	04	09	34.0%	43.932	N	7.244	E	10	G			0.8	7	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 1.8 (GEN).
	29	04	35	46.0&	37.533	N	118.827	W	4					17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	29	05	20	16.0	34.002	S	72.329	W	40	*	4.5		0.9	32	NEAR COAST OF CENTRAL CHILE. MD 4.8 (SAN).
	29	07	08	41.9&	60.246	N	152.648	W	98					21	SOUTHERN ALASKA. <AEIC>.
	29	07	31	50.0	40.197	N	21.764	E	5	G			1.2	7	GREECE. MD 3.0 (ATH).
a	29	07	45	09.9	48.793	N	154.446	E	64	D	5.9		0.8	476	KURIL ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Mo=1.2*10**18 Nm (PPT). Felt (III) at Severo-Kurilsk.
	29	08	15	12.3?	17.39	N	61.63	W	80	G			1.4	6	LEEWARD ISLANDS. MD 3.1 (TRN).
	29	09	12	32.4%	33.766	S	70.930	W	70	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	29	09	27	20.1&	36.590	N	89.790	W	5	G				9	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.8 (SLM). mbLg 3.0 (GS).
	29	09	38	29.1	18.272	N	66.878	W	10	G			1.3	8	PUERTO RICO REGION. MD 3.5 (MPR).
	29	09	54	42.7?	38.30	N	22.07	E	5	G			1.0	4	GREECE. MD 2.6 (ATH).
	29	10	53	12.6?	38.36	N	21.97	E	10	G			0.6	4	GREECE. MD 2.7 (ATH).
	29	11	53	37.5*	17.559	S	71.653	W	33	N			0.9	6	NEAR COAST OF PERU. Felt (III) at Arequipa and Mollendo.
	29	12	02	13.0	25.745	S	69.482	W	213	?			0.7	16	NORTHERN CHILE
	29	12	04	57.2&	61.919	N	149.986	W	45					49	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
a	29	12	24	03.2	19.544	S	169.287	E	139	D	6.3		1.0	466	VANUATU ISLANDS. Mw 6.6 (GS), 6.6 (HRV). mb 6.9 (BRK); Mo=1.8*10**19 Nm (PPT). Felt on the Loyalty Islands
	29	12	25	51.9%	60.515	N	4.921	E	5	G			1.2	5	SOUTHERN NORWAY. MD 1.1 (BER).
	29	12	39	42.9%	33.746	S	70.487	W	10	G			0.4	5	CHILE-ARGENTINA BORDER REGION
	29	12	59	35.3	45.640	N	26.623	E	92	*			0 7	20	ROMANIA
	29	14	46	25.1&	60.132	N	153.128	W	112					65	SOUTHERN ALASKA. <AEIC>
	29	15	16	43.4	35.186	N	139.040	E	166		4.8		0 9	86	NEAR S. COAST OF HONSHU, JAPAN
	29	15	29	15.4&	63.162	N	150.542	W	115					46	CENTRAL ALASKA. <AEIC>.
	29	15	52	53.7?	33.37	S	72.53	W	33	N			0.6	9	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).

	29	15	54	07.6?	33.04	S	71.05	W	50	G			0.2	4	NEAR COAST OF CENTRAL CHILE
	29	16	22	10.5?	38.26	N	22.07	E	10	G			1.3	4	GREECE. MD 2.7 (ATH).
	29	16	33	33.5?	38.64	N	22.50	E	33	N			0.2	4	GREECE. MD 2.7 (ATH).
	29	17	46	41.5?	33.30	S	72.68	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	29	18	04	50.4&	45.032	N	122.603	W	18					7	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.4 (SEA). Felt (IV) at Scotts Mills, Oregon. Also felt at Molalla, Oregon.
	29	18	10	50.8	48.136	N	114.470	W	5	G			0.3	10	MONTANA. ML 3.7 (GS), 4.1 (BUT). Felt (IV) at Marion and (III) at Kila. Also felt at Kalispell.
	29	20	07	48.2&	36.580	N	89.770	W	10	G				7	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.8 (SLM). mbLg 3.0 (GS).
	29	20	38	22.2?	9.29	S	118.42	E	69	?	4.4		0.6	7	SUMBAWA REGION, INDONESIA
	29	21	25	33.0?	20.87	S	173.36	E	63	?	4.1		1.2	8	VANUATU ISLANDS REGION
	29	21	59	20.3	10.298	S	161.118	E	88		4.8		0.8	42	SOLOMON ISLANDS
	29	22	17	34.9*	29.872	S	67.669	W	137	?			0.5	11	LA RIOJA PROVINCE, ARGENTINA
	29	22	19	18.0?	18.77	N	67.28	W	33	N			0.2	9	MONA PASSAGE. MD 3.2 (MPR).
	29	22	39	56.9*	25.303	S	176.706	W	229	?	4.0		0.7	13	SOUTH OF FIJI ISLANDS
a	29	23	02	28.2	51.961	N	103.099	E	12	D	5.6	5.5	1.2	302	LAKE BAYKAL REGION, RUSSIA. Mw 5.8 (HRV). Ms 5.4 (BRK). Felt (VII) at Zun-Murin; (VI) at Arshan, Irkutsk, Slyudyanka and Talaya; (IV) at Ulan-Ude; (III) at Mondy and Orlik.
	29	23	03	46.2	21.925	N	98.943	E	33	N	4.9		0.9	31	MYANMAR. Felt at Muang Chiang Rai, Thailand.
	29	23	13	11.3*	16.960	N	43.577	E	10	G	4.4		0.6	20	WESTERN ARABIAN PENINSULA. Felt in the Abha-Jizan area, Saudi Arabia.
	29	23	20	27.1?	38.38	N	22.00	E	10	G			0.6	4	GREECE. MD 2.6 (ATH).
	29	23	26	51.4?	38.36	N	22.03	E	5	G			0.5	4	GREECE. MD 2.6 (ATH).
	30	00	09	33.2*	23.388	S	169.117	E	10	G	4.5	4.8	1.1	32	LOYALTY ISLANDS REGION
	30	00	45	29.4	17.740	N	61.526	W	10	G			0.6	9	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.5 (TRN).
	30	00	52	46.9?	36.61	N	3.10	W	10	G			0.9	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	30	01	19	56.9&	43.965	N	7.784	E	5	G			0.6	5	NEAR SOUTH COAST OF FRANCE. ML 1.8 (GEN).
	30	02	07	17.5?	5.40	S	154.46	E	122	?	4.1		0.8	9	SOLOMON ISLANDS
	30	02	10	02.1	51.645	N	16.042	E	10	G			1.2	18	POLAND. ML 3.2 (VIE), 3.0 (GRF).
	30	03	35	11.0&	35.141	N	4.085	W	10	G			0.7	14	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	30	03	41	37.0&	33.970	S	71.063	W	60	?			0.2	7	NEAR COAST OF CENTRAL CHILE
	30	03	42	22.5*	38.350	N	22.063	E	5	G			0.8	5	GREECE. MD 2.6 (ATH).
	30	05	06	09.7&	40.315	N	1.021	W	10	G			0.6	5	SPAIN. mbLg 2.9 (MDD).
	30	05	34	38.9	36.366	N	28.609	E	49	*	3.9		0.7	35	DODECANESE ISLANDS
	30	06	06	31.5*	19.641	N	66.162	W	7		3.8		0.7	18	PUERTO RICO REGION. MD 3.7 (MPR).
	30	07	19	35.1?	44.42	N	7.31	E	10	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	30	07	46	38.7	54.676	N	161.793	E	47	*	4.8	5.0	0.9	95	NEAR EAST COAST OF KAMCHATKA
a	30	07	47	23.1	17.867	N	61.434	W	10	G	4.9	5.1	0.9	134	LEEWARD ISLANDS. Mw 5.4 (HRV). MD 5.0 (TRN). ML 5.0 (FDF). Felt.
	30	07	56	04.5	47.724	N	13.113	E	10	G			0.3	7	AUSTRIA. ML 2.2 (FUR), 2.1 (VIE).
	30	08	00	46.9?	17.68	N	61.57	W	33	N			0.5	9	LEEWARD ISLANDS. MD 3.8 (TRN). ML 3.3 (FDF).
	30	08	13	00.2?	17.71	N	61.55	W	33	N			0.8	10	LEEWARD ISLANDS. MD 3.7 (TRN). ML 3.4 (FDF).
	30	08	16	44.8*	17.000	N	96.580	W	191	?	4.4		1.1	23	OAXACA, MEXICO
	30	08	32	03.8?	17.71	N	61.56	W	80	G			0.3	4	LEEWARD ISLANDS. MD 3.2 (TRN).
	30	08	39	58.4&	59.575	N	153.326	W	107					48	SOUTHERN ALASKA. <AEIC>.
	30	08	49	44.3?	17.88	N	61.53	W	80	G			1.4	9	LEEWARD ISLANDS. MD 3.9 (TRN).
	30	08	55	45.5?	29.40	S	177.27	W	61	*	4.8		1.1	15	KERMADEC ISLANDS, NEW ZEALAND. Felt (IV) on Raoul Island.
	30	09	05	19.4?	32.86	S	72.30	W	17				0.3	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	30	09	11	46.8&	48.139	N	114.491	W	9		3.4			40	MONTANA. <BUT-P>. ML 3.8 (BUT), 3.5 (GS). Felt (IV) at Lakeside. Also felt at Kalispell.
	30	09	48	05.7?	17.44	N	61.82	W	50	G			0.7	4	LEEWARD ISLANDS. MD 3.1 (TRN).
	30	09	49	42.5*	32.876	S	72.214	W	10	G			0.3	12	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	30	10	11	28.8*	17.757	N	61.527	W	10	G			0.6	8	LEEWARD ISLANDS. MD 3.7 (TRN).
	30	10	20	13.9*	1.884	N	127.270	E	65	?	4.5		0.5	14	HALMAHERA, INDONESIA
	30	11	09	09.3*	17.745	N	61.512	W	10	G			0.5	8	LEEWARD ISLANDS. MD 3.9 (TRN).
a	30	11	58	56.8	24.688	N	110.228	W	10	G	5.9	6.2	1.1	418	BAJA CALIFORNIA, MEXICO. Mw 6.0 (GS), 6.2 (HRV). Ms 5.9 (BRK). Mo=6.2*10**18 Nm (PPT). Minor damage at La Paz. Felt at Cabo San Lucas, Ciudad Constitucion, Loreto and San Jose del Cabo.
	30	12	15	25.3*	17.764	N	61.497	W	10	G			0.6	9	LEEWARD ISLANDS. MD 3.7 (TRN).
	30	12	21	16.7*	24.489	N	110.142	W	10	G	4.1		1.3	16	BAJA CALIFORNIA, MEXICO
	30	12	28	07.7?	55.54	S	26.32	W	120	G	4.3		1.4	9	SOUTH SANDWICH ISLANDS REGION
	30	12	40	13.4?	50.26	N	18.98	E	10	G			0.1	4	POLAND. MG 2.7 (WAR).
a	30	13	41	42.9	24.386	N	110.265	W	10	G	5.6	5.4	1.0	267	BAJA CALIFORNIA, MEXICO. Mw 5.7 (HRV). Felt at La Paz.
	30	14	45	36.0&	16.712	N	62.176	W	10	G			0.4	8	LEEWARD ISLANDS. ML 3.0 (FDF).
	30	15	19	54.8?	16.45	N	62.00	W	70	G			0.1	4	LEEWARD ISLANDS. MD 3.4 (TRN).
	30	16	08	50.6*	6.580	S	146.426	E	96	*	3.9		1.2	10	EASTERN NEW GUINEA REG., P.N.G.
a	30	16	29	21.1	3.730	N	95.379	E	55	D	5.2		0.8	205	OFF W COAST OF NORTHERN SUMATERA. Mw 5.1 (HRV).
	30	17	22	30.7&	58.029	N	152.415	W	27					37	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	30	17	51	32.8*	12.128	N	125.703	E	33	N	4.2		1.0	10	SAMAR, PHILIPPINE ISLANDS
	30	18	22	45.2?	57.79	N	142.88	W	10	G			0.3	13	GULF OF ALASKA. ML 2.7 (AEIC).
	30	18	27	43.6	44.293	N	6.756	E	13				0.3	17	FRANCE. ML 2.4 (GEN), 2.3 (LDG).
	30	18	35	10.9*	35.761	N	23.014	E	21	D	4.4		1.1	13	CRETE
	30	18	44	42.2?	35.81	N	34.49	W	10	G	4.0		1.3	9	AZORES ISLANDS REGION
	30	19	39	43.1*	66.800	N	14.557	E	10	G			1.3	7	NORTHERN NORWAY. MD 2.7 (BER).
	30	20	42	46.4*	55.124	N	162.115	W	33	N	3.8		0.4	9	ALASKA PENINSULA
	30	20	47	40.0&	63.453	N	150.962	W	41					49	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	30	21	32	06.2&	42.180	N	23.524	E	10	G			1.8	5	BULGARIA
	30	21	44	07.9	36.391	N	33.891	W	10	G	4.9	4.7	0.9	136	AZORES ISLANDS REGION
	30	21	46	01.9*	36.284	N	33.618	W	10	G	4.4		1.0	29	AZORES ISLANDS REGION
	30	21	59	23.7	23.717	S	179.995	W	499	*	4.8		0.9	85	SOUTH OF FIJI ISLANDS
	30	22	17	04.1	47.112	N	120.505	W	5	G			0.6	27	WASHINGTON. MD 3.0 (SEA).
	30	22	22	03.2	44.697	N	17.905	E	10	G			0.5	14	NORTHWESTERN BALKAN REGION. ML 3.1 (TTG).
	30	23	30	04.0	8.963	N	139.857	E	33	N	4.3		1.4	27	WESTERN CAROLINE ISLANDS

ADDITIONAL SOURCE PARAMETERS

01 16 02 04.25 46.496S 95.943E 10km
4.6mb (16 obs.) 5.2Msz (8 obs.)
SOUTHEAST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 47S, 87C
Centroid Location:
Origin Time 16:02:11.4 0.2
Lat 46.56S 0.03 Lon 95.79E 0.03
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.98	8	77
N	-0.29	77	205
P	-1.69	10	346

Best Double Couple:Mo=1.8*10**17
NP1:Strike=121 Dip=78 Slip=-179
NP2: 31 89 -12

02 15 45 08.80 4.304S 143.573E 104km
5.0mb (33 obs.)
NEW GUINEA, PAPUA NEW GUINEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 70C
Centroid Location:
Origin Time 15:45:13.5 0.3
Lat 4.19S 0.03 Lon 143.46E 0.03
Dep 87.0 2.2 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.79	23	279
N	0.17	53	155
P	-1.96	27	22

Best Double Couple:Mo=1.9*10**17
NP1:Strike= 60 Dip=53 Slip= -3
NP2: 151 88 -143

02 19 07 22.47 31.773S 71.296W 70km
5.4mb (36 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 59S,109C
Centroid Location:
Origin Time 19:07:24.8 0.1
Lat 31.72S 0.02 Lon 71.64W 0.03
Dep 92.1 1.9 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.79	31	62
N	-0.46	4	330
P	-2.34	59	233

Best Double Couple:Mo=2.6*10**17
NP1:Strike=166 Dip=14 Slip= -73
NP2: 328 76 -94

03 04 12 09.81 1.666N 126.511E 63km
4.9mb (39 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 22C
Centroid Location:
Origin Time 04:12:17.0 1.3
Lat 2.47N 0.12 Lon 126.36E 0.10
Dep 69.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.26	35	252
N	0.35	34	134
P	-6.60	37	13

Best Double Couple:Mo=6.4*10**16
NP1:Strike= 41 Dip=34 Slip= -2
NP2: 133 89 -124

03 11 57 31.19 2.967N 96.173E 31km
5.3mb (113 obs.) 4.7Msz (25 obs.)
NORTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 42C
Centroid Location:
Origin Time 11:57:36.9 0.5
Lat 2.91N 0.06 Lon 95.62E 0.08
Dep 48.9 4.9 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.26	70	5
N	2.39	10	122
P	-6.66	18	215

Best Double Couple:Mo=5.5*10**16
NP1:Strike=320 Dip=29 Slip= 110
NP2: 117 63 79

03 15 28 11.35 14.843S 167.305E 140km
5.2mb (43 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 15C
Centroid Location:
Origin Time 15:28:16.7 1.4
Lat 14.56S 0.20 Lon 166.95E 0.09
Dep 140.5 4.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.09	36	110
N	1.16	27	358
P	-7.25	42	241

Best Double Couple:Mo=6.7*10**16
NP1:Strike=260 Dip=27 Slip= -7
NP2: 357 87 -117

03 17 07 42.51 5.883S 148.344E 111km
4.9mb (27 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 17:07:48.5 1.4
Lat 5.71S 0.11 Lon 148.54E 0.07
Dep 90.0 4.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.54	25	169
N	0.17	65	358
P	-7.72	3	261

Best Double Couple:Mo=7.6*10**16
NP1:Strike=308 Dip=70 Slip= 16
NP2: 212 75 160

04 02 15 41.31 31.850S 178.619W 10km
5.3mb (44 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 41C
Centroid Location:
Origin Time 02:15:51.2 0.5
Lat 31.80S 0.06 Lon 178.40W 0.08
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.78	32	218
N	3.89	7	312
P	-8.67	57	53

Best Double Couple:Mo=6.7*10**16
NP1:Strike=283 Dip=14 Slip=-119
NP2: 133 78 -83

05 20 20 17.57 18.435N 120.852E 48km
5.4mb (118 obs.) 5.3Msz (49 obs.)
LUZON, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=220 Dip=50 Slip= 90
NP2: 40 40 90
Principal Axes:

T		85	130
P		5	310

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 32 No. of sta: 25
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.99	63	54
N	1.31	26	217
P	-6.30	7	310

Best Double Couple:Mo=5.6*10**17
NP1:Strike= 67 Dip=45 Slip= 129
NP2: 198 57 58
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,112C
Centroid Location:
Origin Time 20:20:21.2 0.1
Lat 18.71N 0.02 Lon 120.80E 0.02
Dep 42.8 1.2 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.90	72	91
N	0.38	10	213
P	-6.28	15	305

Best Double Couple:Mo=6.1*10**17
NP1:Strike= 50 Dip=31 Slip= 109
NP2: 207 61 79

05 23 15 43.19 12.160N 57.848E 10km
5.0mb (70 obs.) 4.8Msz (4 obs.)
ARABIAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 35C
Centroid Location:
Origin Time 23:15:46.5 0.7
Lat 12.38N 0.08 Lon 57.88E 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.78	3	65
N	1.53	71	327
P	-8.31	19	156

Best Double Couple:Mo=7.6*10**16
NP1:Strike=199 Dip=75 Slip= -11
NP2: 292 79 -164

06 04 04 58.21 60.261N 146.424W 15km
5.3mb (122 obs.) 5.1Msz (12 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 53C
Centroid Location:
Origin Time 04:05: 1.9 0.4
Lat 60.20N 0.04 Lon 146.33W 0.09
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.15	55	91
N	0.17	33	246
P	-1.32	12	344

Best Double Couple:Mo=1.2*10**17
NP1:Strike=108 Dip=44 Slip= 141
NP2: 228 64 53

06 13 44 03.20 7.209N 123.697E 34km
5.1mb (58 obs.) 4.9Msz (23 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 35C
Centroid Location:
Origin Time 13:44: 8.8 0.6
Lat 7.52N 0.05 Lon 124.30E 0.06
Dep 43.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	13.10	25	192
N	0.86	54	62
P	-13.96	24	294

Best Double Couple:Mo=1.4*10**17
NP1:Strike=333 Dip=54 Slip= 1
NP2: 243 89 144

07 00 53 47.68 51.344N 179.289W 30km
5.3mb (132 obs.) 4.7Msz (38 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 57C
Centroid Location:
Origin Time 00:53:51.7 0.4
Lat 51.34N 0.04 Lon 179.29W 0.06
Dep 30.6 2.4 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.00	61	308
N	0.26	10	56
P	-11.26	27	152

Best Double Couple:Mo=1.1*10**17
NP1:Strike=266 Dip=20 Slip= 121
NP2: 53 73 80

07 08 26 53.73 34.828S 54.194E 10km
4.9mb (16 obs.) 4.7Msz (1 obs.)

SOUTHWEST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 40C
Centroid Location:
Origin Time 08:26:58.1 0.4
Lat 34.84S 0.05 Lon 54.39E 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 9.19	Plg=20 Azm=312
N	-0.85	62 179
P	-8.34	19 48

Best Double Couple:Mo=8.8*10**16

NP1:Strike=	90 Dip=62	Slip= 1
NP2:	0 89	152

07 11 43 14.97 0.308S 15.984W 10km
4.9mb (53 obs.) 4.6Msz (7 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 28C
Centroid Location:
Origin Time 11:43:21.5 1.0
Lat 0.19N 0.11 Lon 16.15W 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 4.84	Plg= 4 Azm= 36
N	-0.06	66 296
P	-4.78	23 128

Best Double Couple:Mo=4.8*10**16

NP1:Strike=170	Dip=71	Slip= -14
NP2:	264 77	-160

07 20 59 43.50 11.809N 125.859E 33km
4.9mb (50 obs.) 4.4Msz (9 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 14C
Centroid Location:
Origin Time 20:59:44.4 1.4
Lat 11.70N FIX;Lon 125.60E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 7.47	Plg=50 Azm=284
N	-0.72	6 21
P	-6.75	39 117

Best Double Couple:Mo=7.1*10**16

NP1:Strike=250	Dip= 8	Slip= 139
NP2:	21 84	84

07 23 23 16.84 43.572N 147.154E 64km
5.2mb (111 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 35C
Centroid Location:
Origin Time 23:23:18.0 1.0
Lat 43.58N 0.08 Lon 146.98E 0.11
Dep 62.7 7.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 3.55	Plg=23 Azm=347
N	1.32	8 253
P	-4.87	66 144

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

NP1:Strike=	93 Dip=24	Slip= -69
NP2:	250 68	-99

09 04 32 25.54 3.676S 131.235E 33km
5.3mb (58 obs.) 4.9Msz (15 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 55S, 88C
Centroid Location:
Origin Time 04:32:28.8 0.2
Lat 3.53S 0.03 Lon 131.37E 0.03
Dep 26.4 1.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

T	Val= 3.16	Plg=57 Azm=258
N	-0.12	9 154
P	-3.04	31 59

Best Double Couple:Mo=3.1*10**17

NP1:Strike=122	Dip=16	Slip= 56
NP2:	336 77	99

09 05 35 50.04 21.509S 67.980W 132km
5.3mb (75 obs.)
CHILE-BOLIVIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 61C
Centroid Location:
Origin Time 05:35:55.3 0.3
Lat 21.61S 0.04 Lon 68.20W 0.04
Dep 137.9 1.4 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

T	Val= 1.60	Plg= 8 Azm= 87
N	0.16	26 352
P	-1.76	62 193

Best Double Couple:Mo=1.7*10**17

NP1:Strike=204	Dip=43	Slip= -50
NP2:	335 59	-121

09 08 10 39.77 43.935N 147.425E 33km
5.2mb (112 obs.) 4.3Msz (15 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 13C
Centroid Location:
Origin Time 08:10:50.3 1.0
Lat 43.96N FIX;Lon 147.45E FIX
Dep 90.510.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 8.79	Plg=32 Azm= 48
N	-3.09	56 205
P	-5.70	10 311

Best Double Couple:Mo=7.2*10**16

NP1:Strike=	85 Dip=60	Slip= 164
NP2:	183 76	31

09 17 01 35.77 46.376N 152.558E 33km
5.0mb (78 obs.) 4.5Msz (10 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 17:01:37.2 1.8
Lat 46.42N 0.13 Lon 152.61E 0.21
Dep 46.211.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 7.91	Plg=31 Azm=197
N	0.73	43 321
P	-8.63	31 85

Best Double Couple:Mo=8.3*10**16

NP1:Strike=231	Dip=43	Slip=-180
NP2:	141 90	-47

11 19 20 50.47 11.742N 125.859E 33km
5.1mb (52 obs.) 5.4Msz (35 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S, 95C
Centroid Location:
Origin Time 19:20:53.0 0.2
Lat 11.73N 0.03 Lon 126.36E 0.03
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

T	Val= 3.46	Plg=66 Azm=252
N	-0.32	5 353
P	-3.13	24 85

Best Double Couple:Mo=3.3*10**17

NP1:Strike=185	Dip=22	Slip= 103
NP2:	351 69	85

11 21 55 48.50 32.624N 69.680E 28km
5.2mb (113 obs.) 5.5Msz (42 obs.)
PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S, 99C
Centroid Location:
Origin Time 21:55:54.1 0.2
Lat 32.44N 0.03 Lon 70.13E 0.03
Dep 16.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

T	Val= 3.38	Plg=63 Azm= 6
N	0.10	15 244
P	-3.48	22 148

Best Double Couple:Mo=3.4*10**17

NP1:Strike=212	Dip=27	Slip= 55
NP2:	70 68	106

12 00 16 47.46 2.369S 121.197E 64km
5.0mb (47 obs.)
SULAWESI, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 33C
Centroid Location:
Origin Time 00:16:48.5 0.6
Lat 1.89S 0.06 Lon 121.93E 0.10
Dep 49.0 8.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 8.98	Plg= 8 Azm=340
N	-0.17	81 128
P	-8.82	5 249

Best Double Couple:Mo=8.9*10**16

NP1:Strike=	24 Dip=81	Slip= 178
NP2:	114 88	9

12 03 35 48.82 8.304S 75.908W 34km
5.7mb (106 obs.) 5.0Msz (39 obs.)
CENTRAL PERU
MOMENT TENSOR SOLUTION
Dep 35 No. of sta: 7
Principal Axes:
Scale 10**17 Nm

T	Val= 1.48	Plg=76 Azm=155
N	-0.29	13 348
P	-1.19	3 257

Best Double Couple:Mo=1.3*10**17

NP1:Strike=333	Dip=44	Slip= 71
NP2:	180 49	108

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 44S, 61C
Centroid Location:
Origin Time 03:35:52.7 0.3
Lat 8.37S 0.04 Lon 75.86W 0.03
Dep 43.4 2.8 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

T	Val= 1.29	Plg=73 Azm=102
N	-0.05	2 3
P	-1.25	16 273

Best Double Couple:Mo=1.3*10**17

NP1:Strike=359	Dip=29	Slip= 85
NP2:	185 61	93

13 10 42 39.84 53.098N 142.908E 13km
5.2mb (116 obs.) 4.5Msz (21 obs.)
SAKHALIN ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 13C
Centroid Location:
Origin Time 10:42:43.3 0.8
Lat 53.09N FIX;Lon 142.88E FIX
Dep 15.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 7.35	Plg=41 Azm=165
N	-1.81	45 14
P	-5.55	15 268

Best Double Couple:Mo=6.4*10**16

NP1:Strike=315	Dip=49	Slip= 21
NP2:	211 74	137

13 21 35 00.04 53.000N 142.748E 11km
5.3mb (121 obs.) 4.8Msz (31 obs.)
SAKHALIN ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 30C
Centroid Location:
Origin Time 21:35: 2.1 0.7
Lat 52.61N 0.08 Lon 143.11E 0.12
Dep 15.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T	Val= 6.19	Plg=63 Azm=143
N	0.54	24 353
P	-6.73	12 258

Best Double Couple:Mo=6.5*10**16

NP1:Strike=320	Dip=39	Slip= 50
NP2:	187 61	118

14 05 43 39.81 11.679N 88.885W 28km
5.1mb (93 obs.) 4.8Msz (16 obs.)
OFF COAST OF CENTRAL AMERICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN

L.P.B.: 52S, 85C
Centroid Location:
Origin Time 05:43:39.5 0.2
Lat 11.48N 0.03 Lon 89.44W 0.03
Dep 15.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.09 Plg= 3 Azm= 31
N -0.17 1 121
P -1.92 87 229
Best Double Couple:Mo=2.0*10**17
NP1:Strike=120 Dip=42 Slip= -91
NP2: 302 48 -89

14 11 11 47.40 12.128N 88.360W 25km
5.7mb (116 obs.) 6.1Msz (39 obs.)
OFF COAST OF CENTRAL AMERICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 69S,178C M.W.: 61S,129C
Centroid Location:
Origin Time 11:11:56.3 0.1
Lat 11.82N 0.01 Lon 88.81W 0.01
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**18 Nm
T Val= 6.59 Plg=11 Azm= 43
N 1.91 5 134
P -8.49 78 248
Best Double Couple:Mo=7.5*10**18
NP1:Strike=127 Dip=34 Slip= -99
NP2: 318 56 -84

14 16 12 59.16 24.822S 70.049W 49km
5.4mb (53 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 29C
Centroid Location:
Origin Time 16:13: 5.6 0.4
Lat 24.30S 0.06 Lon 69.90W 0.08
Dep 49.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.10 Plg=52 Azm=172
N 0.34 5 76
P -1.44 38 343
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 44 Dip= 9 Slip= 57
NP2: 257 83 95

15 00 15 48.73 38.401N 22.283E 14km
6.1mb (150 obs.) 6.5Msz (26 obs.)
GREECE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 95 Dip=69 Slip= -90
NP2: 275 21 -90
Principal Axes:
T Plg=24 Azm=185
P 66 5
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 34 Focal mech. F
Energy 6.6±0.9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 60
Principal Axes:
Scale 10**18 Nm
T Val= 3.22 Plg=12 Azm=174
N 0.13 9 82
P -3.36 75 316
Best Double Couple:Mo=3.3*10**18
NP1:Strike=276 Dip=34 Slip= -73
NP2: 76 58 -101
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,160C M.W.: 55S,101C
Centroid Location:
Origin Time 00:15:56.0 0.1
Lat 38.10N 0.01 Lon 22.46E 0.01
Dep 15.0 BDY Half-duration 4.3
Principal Axes:
Scale 10**18 Nm
T Val= 6.17 Plg= 3 Azm=184
N -0.33 9 274
P -5.84 81 77
Best Double Couple:Mo=6.0*10**18
NP1:Strike=265 Dip=43 Slip=-103
NP2: 102 48 -78

15 18 58 10.73 60.269S 31.203W 10km
5.0mb (11 obs.)
SCOTIA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S, 92C
Centroid Location:
Origin Time 18:58:13.6 0.2
Lat 60.75S 0.03 Lon 30.72W 0.07
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.63 Plg=60 Azm=119
N -0.01 6 220
P -3.62 29 313
Best Double Couple:Mo=3.6*10**17
NP1:Strike= 60 Dip=17 Slip= 111
NP2: 218 74 84

16 13 49 49.32 18.269S 178.010W 566km
5.6mb (70 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,114C
Centroid Location:
Origin Time 13:49:56.1 0.2
Lat 18.03S 0.02 Lon 177.88W 0.02
Dep 593.1 1.3 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 3.80 Plg=38 Azm=129
N 1.64 13 28
P -5.44 49 282
Best Double Couple:Mo=4.6*10**17
NP1:Strike=273 Dip=15 Slip= -24
NP2: 27 84 -103

17 01 37 12.16 8.259S 123.008E 38km
5.4mb (60 obs.) 5.2Msz (35 obs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S, 88C
Centroid Location:
Origin Time 01:37:14.3 0.2
Lat 8.08S 0.02 Lon 123.47E 0.03
Dep 37.8 2.3 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.45 Plg= 2 Azm=235
N 0.10 79 135
P -2.55 11 325
Best Double Couple:Mo=2.5*10**17
NP1:Strike= 9 Dip=81 Slip= -7
NP2: 100 83 -171

17 06 02 00.20 3.196N 126.915E 33km
5.1mb (54 obs.) 4.4Msz (10 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 12C
Centroid Location:
Origin Time 06:01:59.5 1.4
Lat 3.17N FIX;Lon 126.98E FIX
Dep 38.313.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.58 Plg=55 Azm=235
N -0.68 12 342
P -9.89 33 80
Best Double Couple:Mo=1.0*10**17
NP1:Strike=207 Dip=17 Slip= 136
NP2: 340 79 78

18 03 42 09.59 2.449N 95.391W 10km
4.9mb (36 obs.) 5.0Msz (21 obs.)
GALAPAGOS ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 94C
Centroid Location:
Origin Time 03:42:16.4 0.3
Lat 2.54N 0.03 Lon 95.33W 0.03
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.32 Plg=11 Azm=332
N -0.21 79 147
P -2.11 1 242

Best Double Couple:Mo=2.2*10**17
NP1:Strike= 16 Dip=82 Slip= 173
NP2: 107 83 8

18 11 54 34.10 17.868S 176.384W 31km
5.0mb (47 obs.) 5.2Msz (32 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 96C
Centroid Location:
Origin Time 11:54:35.2 0.2
Lat 18.04S 0.03 Lon 176.16W 0.02
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.30 Plg= 6 Azm=248
N -0.24 84 80
P -2.07 1 338
Best Double Couple:Mo=2.2*10**17
NP1:Strike= 23 Dip=85 Slip= 3
NP2: 293 87 175

18 18 02 17.09 14.884S 175.616W 33km
4.6mb (16 obs.) 4.9Msz (6 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 74C
Centroid Location:
Origin Time 18:02:19.8 0.3
Lat 14.39S 0.04 Lon 175.65W 0.03
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.34 Plg=18 Azm=144
N -0.21 71 346
P -1.12 7 236
Best Double Couple:Mo=1.2*10**17
NP1:Strike=281 Dip=72 Slip= 8
NP2: 189 82 162

19 00 27 15.76 6.021S 146.688E 54km
4.9mb (27 obs.) 4.4Msz (3 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 25S, 31C
Centroid Location:
Origin Time 00:27:19.2 0.5
Lat 6.17S 0.06 Lon 146.89E 0.06
Dep 26.4 4.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.87 Plg=57 Azm=130
N -1.43 33 302
P -7.44 4 34
Best Double Couple:Mo=8.2*10**16
NP1:Strike=154 Dip=50 Slip= 134
NP2: 277 57 50

19 00 57 44.15 44.090N 150.415E 33km
5.3mb (115 obs.) 4.8Msz (27 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 29C
Centroid Location:
Origin Time 00:57:41.8 1.4
Lat 43.94N 0.11 Lon 150.79E 0.14
Dep 15.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.72 Plg=12 Azm=324
N -0.58 16 58
P -6.14 70 199
Best Double Couple:Mo=6.4*10**16
NP1:Strike= 34 Dip=36 Slip=-118
NP2: 248 59 -71

19 14 45 39.51 58.992N 151.206W 33km
5.0mb (76 obs.) 4.3Msz (5 obs.)
KODIAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 14:45:42.5 0.8
Lat 59.07N 0.20 Lon 150.83W 0.20
Dep 45.412.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 1.80 Plg= 6 Azm=342

N 1.06 18 251
P -2.86 71 90
Best Double Couple:Mo=2.3*10**16
NP1:Strike= 91 Dip=42 Slip= -63
NP2: 237 53 -112

20 17 56 11.82 56.206S 27.242W 101km
5.0mb (11 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 26C
Centroid Location:
Origin Time 17:56:17.5 0.7
Lat 56.34S 0.06 Lon 27.17W 0.14
Dep 109.6 4.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.13 Plg=43 Azm=160
N -1.03 42 305
P -6.10 18 52
Best Double Couple:Mo=6.6*10**16
NP1:Strike=186 Dip=46 Slip= 158
NP2: 291 75 46

21 15 28 51.71 61.673S 154.766E 10km
5.8mb (42 obs.) 6.7Msz (48 obs.)
BALLENY ISLANDS REGION
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 1.2±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 17 No. of sta: 23
Principal Axes:
Scale 10**19 Nm
T Val= 1.06 Plg= 4 Azm=197
N 0.19 81 81
P -1.24 8 288
Best Double Couple:Mo=1.1*10**19
NP1:Strike=332 Dip=81 Slip= -3
NP2: 63 87 -171
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 64S,168C M.W.: 62S,156C
Centroid Location:
Origin Time 15:29: 0.4 0.1
Lat 61.85S 0.01 Lon 154.46E 0.01
Dep 15.0 BDY Half-duration 5.5
Principal Axes:
Scale 10**19 Nm
T Val= 1.37 Plg= 2 Azm= 20
N -0.08 88 161
P -1.28 1 289
Best Double Couple:Mo=1.3*10**19
NP1:Strike= 64 Dip=88 Slip= 180
NP2: 154 90 2

21 20 24 14.69 51.104N 130.518W 10km
5.1mb (96 obs.) 5.1Msz (36 obs.)
QUEEN CHARLOTTE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 28C
Centroid Location:
Origin Time 20:24:17.8 0.6
Lat 51.07N 0.08 Lon 130.88W 0.14
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.65 Plg= 3 Azm=116
N -0.29 85 340
P -1.36 3 206
Best Double Couple:Mo=1.5*10**17
NP1:Strike=251 Dip=85 Slip= 0
NP2: 161 90 175

22 01 01 19.07 50.372N 89.949E 14km
5.5mb (135 obs.) 5.2Msz (34 obs.)
RUSSIA-MONGOLIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 65C
Centroid Location:
Origin Time 01:01:23.8 0.4
Lat 50.30N 0.03 Lon 89.87E 0.06
Dep 15.0 BDY Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.47 Plg=78 Azm=164
N 0.39 4 271
P -1.86 12 2
Best Double Couple:Mo=1.7*10**17
NP1:Strike= 97 Dip=34 Slip= 97
NP2: 269 57 86

22 07 57 10.92 16.413S 168.108E 33km
5.6mb (84 obs.) 5.3Msz (57 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=65 Slip= 90
NP2: 200 25 90
Principal Axes:
T Plg=70 Azm=290
P 20 110
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 46
Principal Axes:
Scale 10**17 Nm
T Val= 5.24 Plg=61 Azm=319
N -0.08 19 189
P -5.16 20 91
Best Double Couple:Mo=5.2*10**17
NP1:Strike=151 Dip=30 Slip= 48
NP2: 17 68 111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,112C
Centroid Location:
Origin Time 07:57:15.0 0.2
Lat 16.36S 0.02 Lon 168.14E 0.02
Dep 15.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.95 Plg=56 Azm=310
N 1.02 17 193
P -5.96 29 94
Best Double Couple:Mo=5.4*10**17
NP1:Strike=146 Dip=22 Slip= 40
NP2: 18 76 107

22 19 47 00.43 0.815N 124.162E 215km
5.4mb (87 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 53C
Centroid Location:
Origin Time 19:47: 2.4 0.4
Lat 0.99N 0.04 Lon 124.51E 0.05
Dep 205.3 1.9 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 12.26 Plg=52 Azm=307
N 1.70 7 47
P -13.95 37 142
Best Double Couple:Mo=1.3*10**17
NP1:Strike=270 Dip=11 Slip= 134
NP2: 46 82 82

23 10 15 09.58 18.020S 174.634W 64km
5.1mb (41 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 10:15:16.8 1.3
Lat 18.42S 0.11 Lon 174.92W 0.11
Dep 58.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.92 Plg=59 Azm=125
N 0.69 16 6
P -4.61 25 268
Best Double Couple:Mo=4.3*10**16
NP1:Strike=326 Dip=24 Slip= 48
NP2: 191 72 107

23 16 10 57.14 24.563S 177.263W 108km
5.4mb (60 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,135C
Centroid Location:
Origin Time 16:11: 2.5 0.1
Lat 24.77S 0.02 Lon 176.89W 0.02
Dep 114.1 0.8 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.18 Plg=38 Azm=114
N 1.13 20 221
P -6.31 45 332
Best Double Couple:Mo=5.7*10**17
NP1:Strike=142 Dip=21 Slip=-170
NP2: 42 86 -70

24 06 58 06.69 3.959S 153.930E 386km
6.2mb (109 obs.)
NEW IRELAND REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=191 Dip=56 Slip= -90
NP2: 11 34 -90
Principal Axes:
T Plg=11 Azm=281
P 79 101
Comment: The focal mechanism is moderately well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 21 Focal mech. M
Energy 7.4±1.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 387 No. of sta: 51
Principal Axes:
Scale 10**19 Nm
T Val= 1.48 Plg= 8 Azm=264
N -0.01 11 355
P -1.47 77 139
Best Double Couple:Mo=1.5*10**19
NP1:Strike=342 Dip=38 Slip=-107
NP2: 183 54 -77
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 72S,198C M.W.: 68S,166C
Centroid Location:
Origin Time 06:58:14.2 0.1
Lat 3.83S 0.01 Lon 153.93E 0.00
Dep 386.9 0.3 Half-duration 6.0
Principal Axes:
Scale 10**19 Nm
T Val= 1.74 Plg=12 Azm=257
N 0.21 15 350
P -1.95 71 131
Best Double Couple:Mo=1.8*10**19
NP1:Strike=328 Dip=36 Slip=-117
NP2: 180 58 -72

25 02 10 39.77 3.321S 150.458E 32km
5.7mb (78 obs.) 6.3Msz (53 obs.)
NEW IRELAND REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=206 Dip=88 Slip=-177
NP2: 116 87 -2
Principal Axes:
T Plg= 1 Azm=341
P 4 71
Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. M
Energy 7.7±1.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 42
Principal Axes:
Scale 10**18 Nm
T Val= 1.93 Plg=12 Azm=330
N 0.23 77 173
P -2.16 5 61
Best Double Couple:Mo=2.0*10**18
NP1:Strike=106 Dip=78 Slip= 5
NP2: 15 85 168
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 69S,172C M.W.: 61S,120C
Centroid Location:
Origin Time 02:10:42.8 0.1
Lat 3.16S 0.01 Lon 150.76E 0.01
Dep 15.0 FIX Half-duration 3 4
Principal Axes:
Scale 10**18 Nm
T Val= 2.65 Plg= 2 Azm=152
N -0.15 81 48
P -2.50 9 242
Best Double Couple:Mo=2.6*10**18
NP1:Strike=287 Dip=82 Slip= -5
NP2: 18 85 -172

25 06 59 06.24 24.600N 121.700E 52km
5.8mb (171 obs.) 5.6Msz (27 obs.)

TAIWAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=138 Dip=60 Slip= 20
NP2: 38 73 148
Principal Axes:
T Plg=34 Azm=354
P 8 90
Comment: The focal mechanism is 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: 14 Focal mech. F
Energy 1.0±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 40 No. of sta: 29
Principal Axes:
Scale 10**17 Nm
T Val= 7.91 Plg=43 Azm=349
N -1.90 47 169
P -6.01 0 79
Best Double Couple:Mo=7.0*10**17
NP1:Strike=133 Dip=61 Slip= 33
NP2: 26 61 147
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 52S,113C
Centroid Location:
Origin Time 06:59: 7.0 0.1
Lat 24.48N 0.01 Lon 121.50E 0.02
Dep 39.7 1.4 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 12.12 Plg=28 Azm=356
N -3.79 58 208
P -8.33 14 94
Best Double Couple:Mo=1.0*10**18
NP1:Strike=138 Dip=59 Slip= 11
NP2: 43 81 149

25 12 25 40.35 26.116N 124.753E 194km
5.2mb (135 obs.)
NORTHEAST OF TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 12:25:42.0 0.7
Lat 26.01N 0.08 Lon 124.81E 0.09
Dep 176.9 3.4 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.16 Plg= 4 Azm= 26
N 1.87 58 122
P -9.03 32 293
Best Double Couple:Mo=8.1*10**16
NP1:Strike= 74 Dip=65 Slip=-159
NP2: 335 71 -26

26 02 51 40.24 55.380S 27.907W 33km
5.1mb (15 obs.) 4.8Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 62C
Centroid Location:
Origin Time 02:51:44.8 0.3
Lat 55.42S 0.04 Lon 28.08W 0.07
Dep 15.1 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.50 Plg=58 Azm=265
N 0.40 16 148
P -1.90 27 50
Best Double Couple:Mo=1.7*10**17
NP1:Strike=105 Dip=23 Slip= 45
NP2: 333 74 107

26 03 41 42.36 55.359S 27.899W 33km
5.4mb (20 obs.) 5.2Msz (42 obs.)
SOUTH SANDWICH ISLANDS REGION
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 8
Principal Axes:
Scale 10**17 Nm
T Val= 2.57 Plg=50 Azm=260
N -0.03 4 355
P -2.55 39 88
Best Double Couple:Mo=2.6*10**17
NP1:Strike=209 Dip= 7 Slip= 125
NP2: 354 84 86
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 82C
Centroid Location:
Origin Time 03:41:47.2 0.2
Lat 55.35S 0.03 Lon 28.09W 0.05
Dep 16.4 1.8 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.81 Plg=59 Azm=262
N 0.24 13 148
P -3.05 27 51
Best Double Couple:Mo=2.9*10**17
NP1:Strike=111 Dip=21 Slip= 51
NP2: 332 74 104

26 06 48 49.78 17.923S 178.529W 582km
5.0mb (73 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 36C
Centroid Location:
Origin Time 06:48:53.5 0.9
Lat 17.91S 0.08 Lon 178.59W 0.06
Dep 594.0 4.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.04 Plg=21 Azm= 22
N 1.23 39 129
P -11.26 44 271
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 67 Dip=42 Slip=-158
NP2: 321 76 -50

26 10 18 47.08 23.245S 170.353E 33km
5.1mb (31 obs.) 4.8Msz (7 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 61C
Centroid Location:
Origin Time 10:18:49.1 0.4
Lat 23.34S 0.04 Lon 170.27E 0.04
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 8.17 Plg=15 Azm= 7
N 2.40 7 275
P -10.57 74 160
Best Double Couple:Mo=9.4*10**16
NP1:Strike=107 Dip=31 Slip= -76
NP2: 271 60 -98

26 20 40 56.09 30.252N 41.885W 10km
5.0mb (67 obs.) 4.6Msz (6 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 47C
Centroid Location:
Origin Time 20:41: 1.9 0.3
Lat 30.08N 0.04 Lon 41.73W 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.69 Plg= 6 Azm=275
N 1.22 28 8
P -10.91 61 175
Best Double Couple:Mo=1.0*10**17
NP1:Strike=337 Dip=47 Slip=-131
NP2: 208 57 -56

26 21 26 49.34 7.115N 34.342W 10km
4.9mb (71 obs.) 5.3Msz (38 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,132C
Centroid Location:
Origin Time 21:26:55.6 0.1
Lat 7.14N 0.02 Lon 34.46W 0.01
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 6.26 Plg=16 Azm= 45
N -0.57 74 227
P -5.69 1 135
Best Double Couple:Mo=6.0*10**17
NP1:Strike=181 Dip=79 Slip= 11
NP2: 89 79 168

27 04 09 29.34 55.333S 27.995W 33km
5.2mb (20 obs.) 5.2Msz (39 obs.)
SOUTH SANDWICH ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=78 Slip= 90
NP2: 135 12 90
Principal Axes:
T Plg=57 Azm=225
P 33 45
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 12
Principal Axes:
Scale 10**17 Nm
T Val= 3.45 Plg=52 Azm=246
N 0.03 5 343
P -3.48 38 76
Best Double Couple:Mo=3.5*10**17
NP1:Strike=198 Dip= 8 Slip= 126
NP2: 342 83 85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 81C
Centroid Location:
Origin Time 04:09:35.0 0.2
Lat 55.29S 0.02 Lon 27.97W 0.04
Dep 15.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.35 Plg=65 Azm=250
N 0.80 9 140
P -4.15 23 46
Best Double Couple:Mo=3.8*10**17
NP1:Strike=119 Dip=24 Slip= 68
NP2: 323 68 99

27 10 09 58.06 18.835N 81.719W 10km
5.8mb (115 obs.) 5.7Msz (56 obs.)
CARIBBEAN SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=357 Dip=84 Slip=-169
NP2: 266 79 -6
Principal Axes:
T Plg= 3 Azm=131
P 12 222
Comment: The focal mechanism is well controlled and corresponds to left-lateral strike-slip faulting with a small normal component. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 39
Principal Axes:
Scale 10**18 Nm
T Val= 1.11 Plg=25 Azm=310
N 0.08 61 99
P -1.19 13 214
Best Double Couple:Mo=1.1*10**18
NP1:Strike=349 Dip=63 Slip= 171
NP2: 84 82 27
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 70S,150C M.W.: 53S, 78C
Centroid Location:
Origin Time 10:10: 2.2 0.1
Lat 18.82N 0.01 Lon 81.78W 0.01
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**18 Nm
T Val= 1.24 Plg= 2 Azm=305
N -0.07 65 39
P -1.16 25 214
Best Double Couple:Mo=1.2*10**18
NP1:Strike=352 Dip=71 Slip=-163
NP2: 257 74 -20

27 15 53 26.70 16.584S 172.587W 33km
4.9mb (29 obs.) 4.8Msz (34 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 45C
Centroid Location:
Origin Time 15:53:34.1 0.6
Lat 16.58S FIX;Lon 172.65W FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

T Val= 6.89 Plg=65 Azm=289
N 1.58 4 27
P -8.47 24 119
Best Double Couple:Mo=7.7*10**16
NP1:Strike=218 Dip=21 Slip= 101
NP2: 26 70 86

27 17 16 34.58 3.958S 151.085E 391km
5.4mb (85 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 44S, 75C
Centroid Location:
Origin Time 17:16:35.3 0.4
Lat 4.18S 0.03 Lon 151.10E 0.04
Dep 380.7 1.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.31 Plg=22 Azm=161
N 0.13 11 256
P -1.44 65 10
Best Double Couple:Mo=1.4*10**17
NP1:Strike=232 Dip=25 Slip=-116
NP2: 80 68 -78

27 21 12 56.21 17.175S 66.871E 10km
5.0mb (40 obs.) 4.7Msz (8 obs.)
MAURITIUS-REUNION REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S, 86C
Centroid Location:
Origin Time 21:13: 0.7 0.2
Lat 17.16S 0.03 Lon 66.42E 0.03
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.99 Plg= 8 Azm=103
N -0.43 77 332
P -1.56 9 194
Best Double Couple:Mo=1.8*10**17
NP1:Strike=239 Dip=77 Slip= -1
NP2: 329 89 -167

28 14 14 53.35 22.094N 121.570E 33km
5.3mb (70 obs.) 4.5Msz (5 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 8S, 9C
Centroid Location:
Origin Time 14:14:52.8 0.9
Lat 22.07N FIX;Lon 121.41E FIX
Dep 53.712.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 12.65 Plg=44 Azm=226
N -2.34 19 335
P -10.31 40 82
Best Double Couple:Mo=1.1*10**17
NP1:Strike=238 Dip=19 Slip= 174
NP2: 334 88 71

28 21 14 49.90 1.551S 127.467E 33km
5.7mb (69 obs.) 5.2Msz (21 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 55S,116C
Centroid Location:
Origin Time 21:14:52.9 0.2
Lat 1.26S 0.02 Lon 127.69E 0.02
Dep 15.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 7.07 Plg=17 Azm=296
N -1.02 19 32
P -6.05 64 168
Best Double Couple:Mo=6.6*10**17
NP1:Strike=359 Dip=33 Slip=-128
NP2: 221 65 -68

29 07 45 09.94 48.793N 154.446E 64km
5.9mb (157 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=227 Dip=66 Slip= 100
NP2: 24 26 69
Principal Axes:
T Plg=67 Azm=156
P 20 309
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 8.1±1.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 39 No. of sta: 58
Principal Axes:
Scale 10**17 Nm
T Val= 9.28 Plg=73 Azm= 99
N 1.30 8 219
P -10.58 14 311
Best Double Couple:Mo=9.9*10**17
NP1:Strike= 53 Dip=32 Slip= 106
NP2: 214 60 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,135C
Centroid Location:
Origin Time 07:45:12.6 0.1
Lat 48.60N 0.01 Lon 154.88E 0.02
Dep 71.3 1.1 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 10.11 Plg=67 Azm=127
N -0.08 1 35
P -10.03 23 305
Best Double Couple:Mo=1.0*10**18
NP1:Strike= 34 Dip=22 Slip= 88
NP2: 216 68 91

29 12 24 03.25 19.544S 169.287E 139km
6.3mb (103 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=164 Dip=82 Slip= 115
NP2: 271 26 18
Principal Axes:
T Plg=47 Azm=100
P 32 233
Comment: The focal mechanism is moderately well controlled and corresponds to down-dip pressure. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 1.1±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 130 No. of sta: 42
Principal Axes:
Scale 10**18 Nm
T Val= 8.56 Plg=53 Azm= 96
N -0.10 13 348
P -8.46 34 250
Best Double Couple:Mo=8.5*10**18
NP1:Strike=298 Dip=16 Slip= 38
NP2: 171 80 103
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,169C M.W.: 55S,130C
Centroid Location:
Origin Time 12:24:10.3 0.1
Lat 19.42S 0.01 Lon 168.95E 0.00
Dep 142.7 0.2 Half-duration 4.9
Principal Axes:
Scale 10**18 Nm
T Val= 9.34 Plg=50 Azm= 96
N -0.02 12 351
P -9.32 38 252
Best Double Couple:Mo=9.3*10**18
NP1:Strike=289 Dip=13 Slip= 27
NP2: 173 84 102

29 23 02 28.28 51.961N 103.099E 12km
5.6mb (119 obs.) 5.5Msz (36 obs.)
LAKE BAYKAL REGION, RUSSIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 74C
Centroid Location:
Origin Time 23:02:33.1 0.1
Lat 51.72N 0.03 Lon 102.71E 0.04
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 5.30 Plg=14 Azm=301
N -0.21 27 204
P -5.09 59 56
Best Double Couple:Mo=5.2*10**17
NP1:Strike= 63 Dip=39 Slip= -44
NP2: 190 64 -120

30 07 47 23.19 17.867N 61.434W 10km
4.9mb (67 obs.) 5.1Msz (4 obs.)
LEEWARD ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 54C
Centroid Location:
Origin Time 07:47:30.0 0.4
Lat 17.51N 0.05 Lon 61.39W 0.05
Dep 19.8 2.9 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.48 Plg=58 Azm=219
N 0.18 7 321
P -1.67 31 55
Best Double Couple:Mo=1.6*10**17
NP1:Strike=168 Dip=16 Slip= 118
NP2: 319 76 82

30 11 58 56.88 24.688N 110.228W 10km
5.9mb (111 obs.) 6.2Msz (42 obs.)
BAJA CALIFORNIA, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=70 Slip= -90
NP2: 170 20 -90
Principal Axes:
T Plg=25 Azm= 80
P 65 260
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 3.5±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 33
Principal Axes:
Scale 10**18 Nm
T Val= 1.21 Plg= 6 Azm=238
N -0.14 1 328
P -1.07 84 72
Best Double Couple:Mo=1.1*10**18
NP1:Strike=327 Dip=39 Slip= -92
NP2: 150 51 -88
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S,121C M.W.: 38S, 70C
Centroid Location:
Origin Time 11:59: 1.5 0.1
Lat 24.65N 0.01 Lon 110.21W 0.01
Dep 15.0 BDY Half-duration 3.0
Principal Axes:
Scale 10**18 Nm
T Val= 2.76 Plg=17 Azm=246
N -0.71 6 338
P -2.05 72 86
Best Double Couple:Mo=2.4*10**18
NP1:Strike=328 Dip=29 Slip=-102
NP2: 161 62 -84

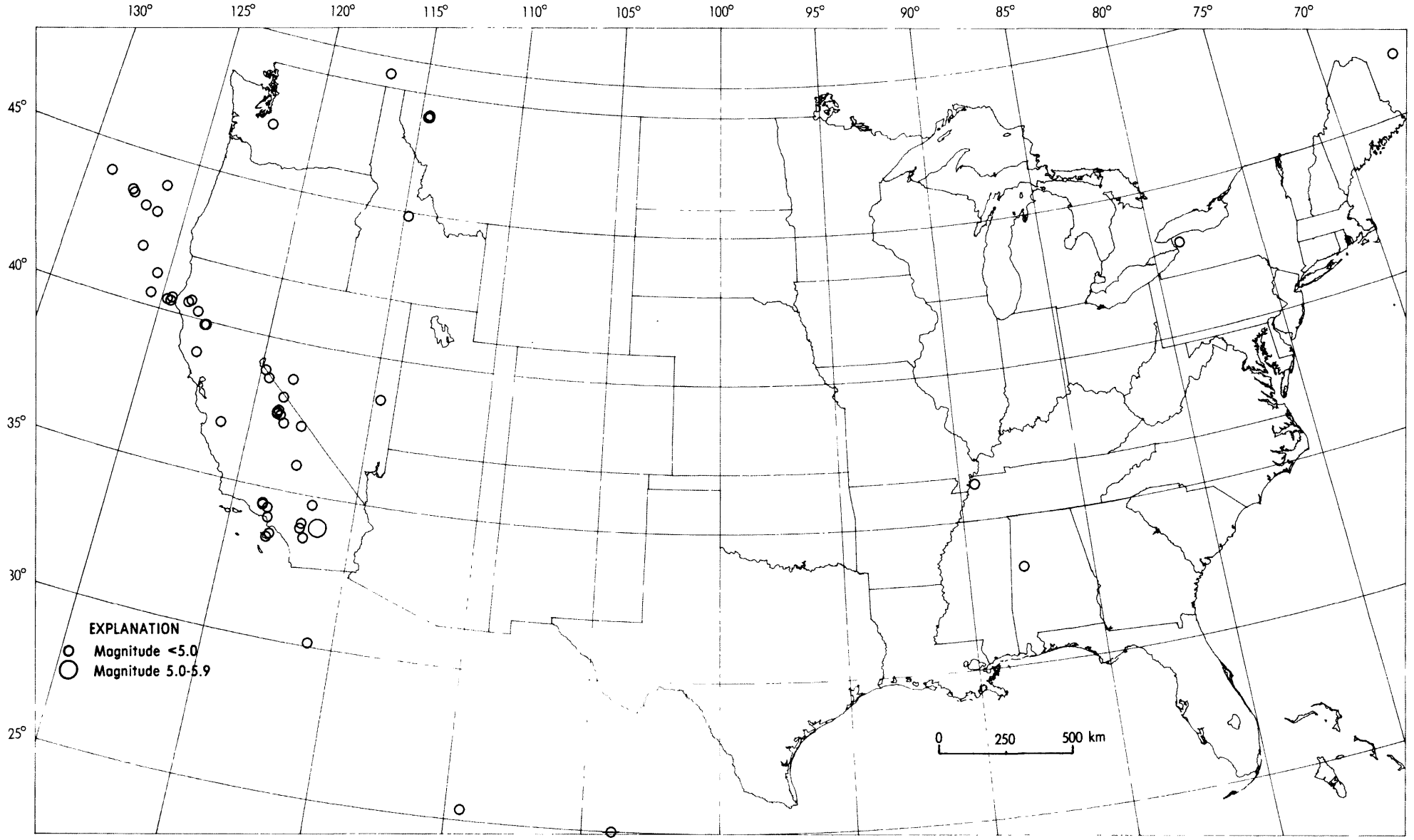
30 13 41 42.90 24.386N 110.265W 10km
5.6mb (101 obs.) 5.4Msz (27 obs.)
BAJA CALIFORNIA, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 37C
Centroid Location:
Origin Time 13:41:48.2 0.4
Lat 24.70N 0.06 Lon 110.15W 0.05
Dep 15.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 4.48 Plg= 5 Azm=253
N -0.09 9 344
P -4.39 80 136
Best Double Couple:Mo=4.4*10**17
NP1:Strike=334 Dip=41 Slip=-103
NP2: 171 50 -79

30 16 29 21.14 3.730N 95.379E 55km
5.2mb (108 obs.)
OFF W COAST OF NORTHERN SUMATERA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 29C
Centroid Location:
Origin Time 16:29:21.9 0.9
Lat 3.64N 0.07 Lon 94.98E 0.09

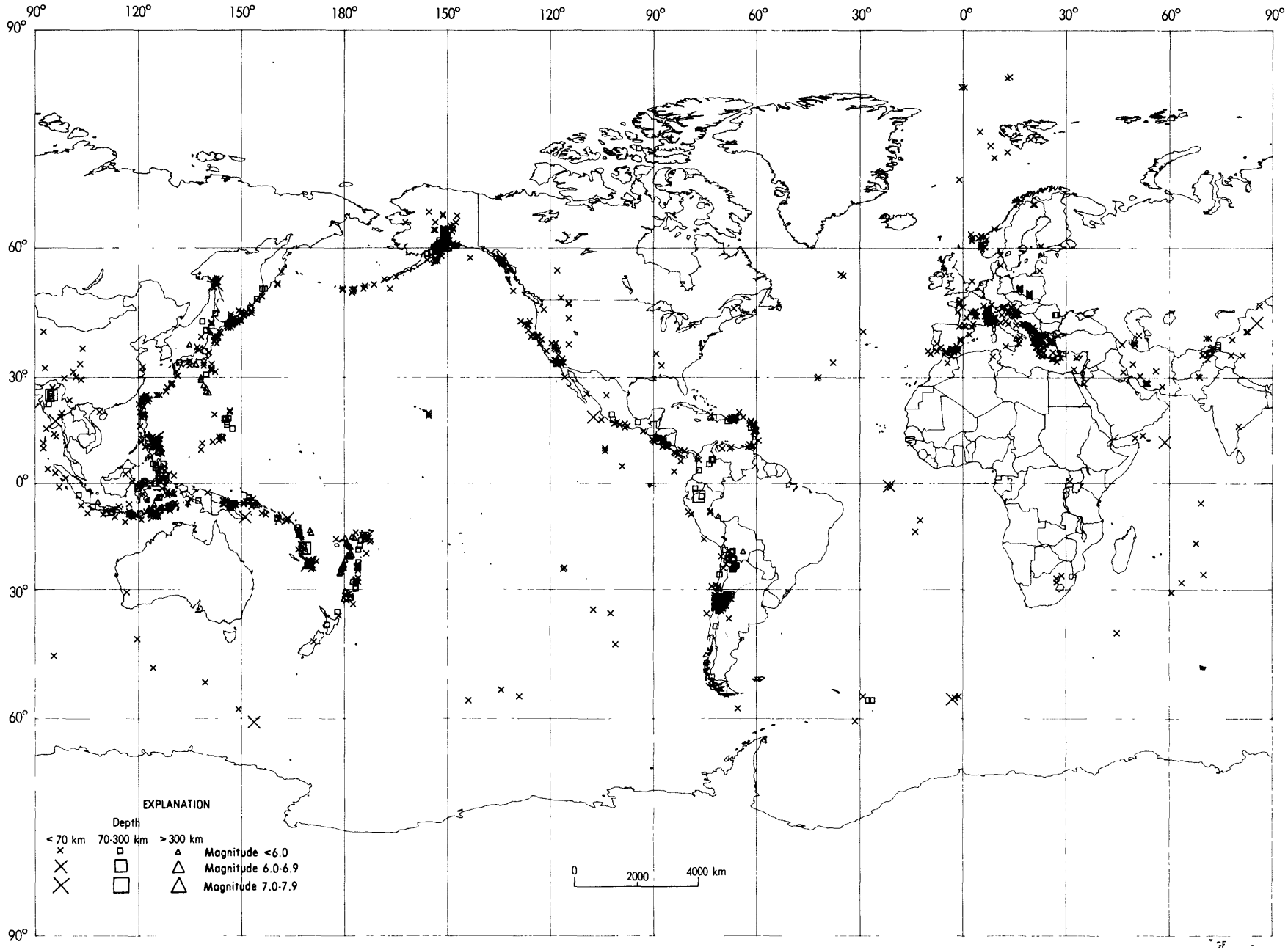
```
Dep  75.7 6.6 Half-duration  1.0    |                                    |
Principal Axes:                     |                                    |
  Scale 10**16 Nm                   |                                    |
  T  Val=  4.92  Plg= 7  Azm= 36    |                                    |
  N        0.43       5      127    |                                    |
  P       -5.35      81      253    |                                    |
Best Double Couple:Mo=5.1*10**16    |                                    |
 NP1:Strike=120 Dip=38 Slip= -99    |                                    |
 NP2:       311     52       -83    |                                    |
```

** Due to the U.S. government shutdown from December 18, 1995 to January 7, 1996, broadband depth computations could not be completed for this month.

Compiled by Francis W. Baldwin, Pamela J. Benfield, Pingsheng Chang, George L. Choy, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder, Stuart A. Sipkin, James N. Taggart and Madeleine D. Zirbes.

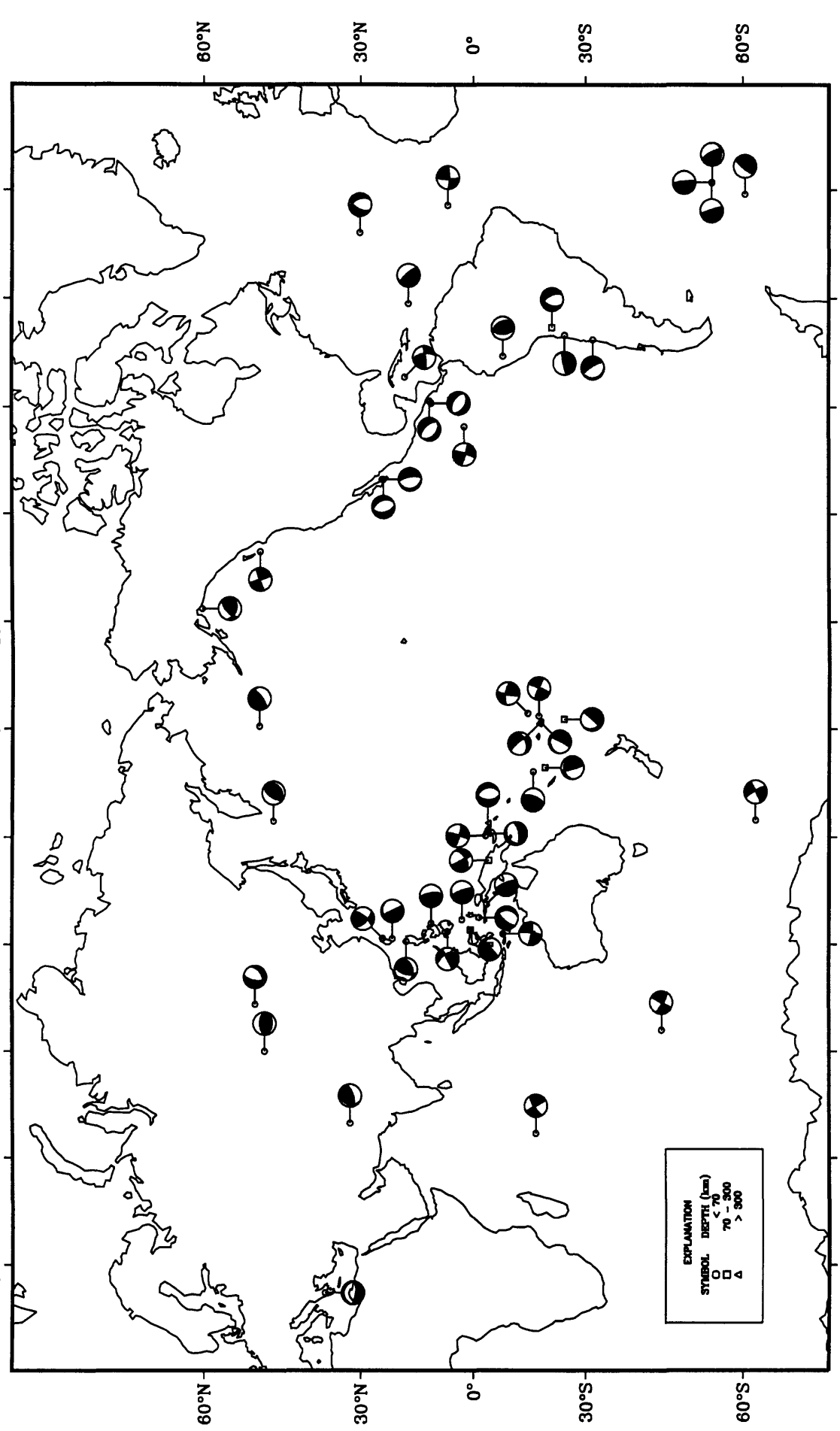


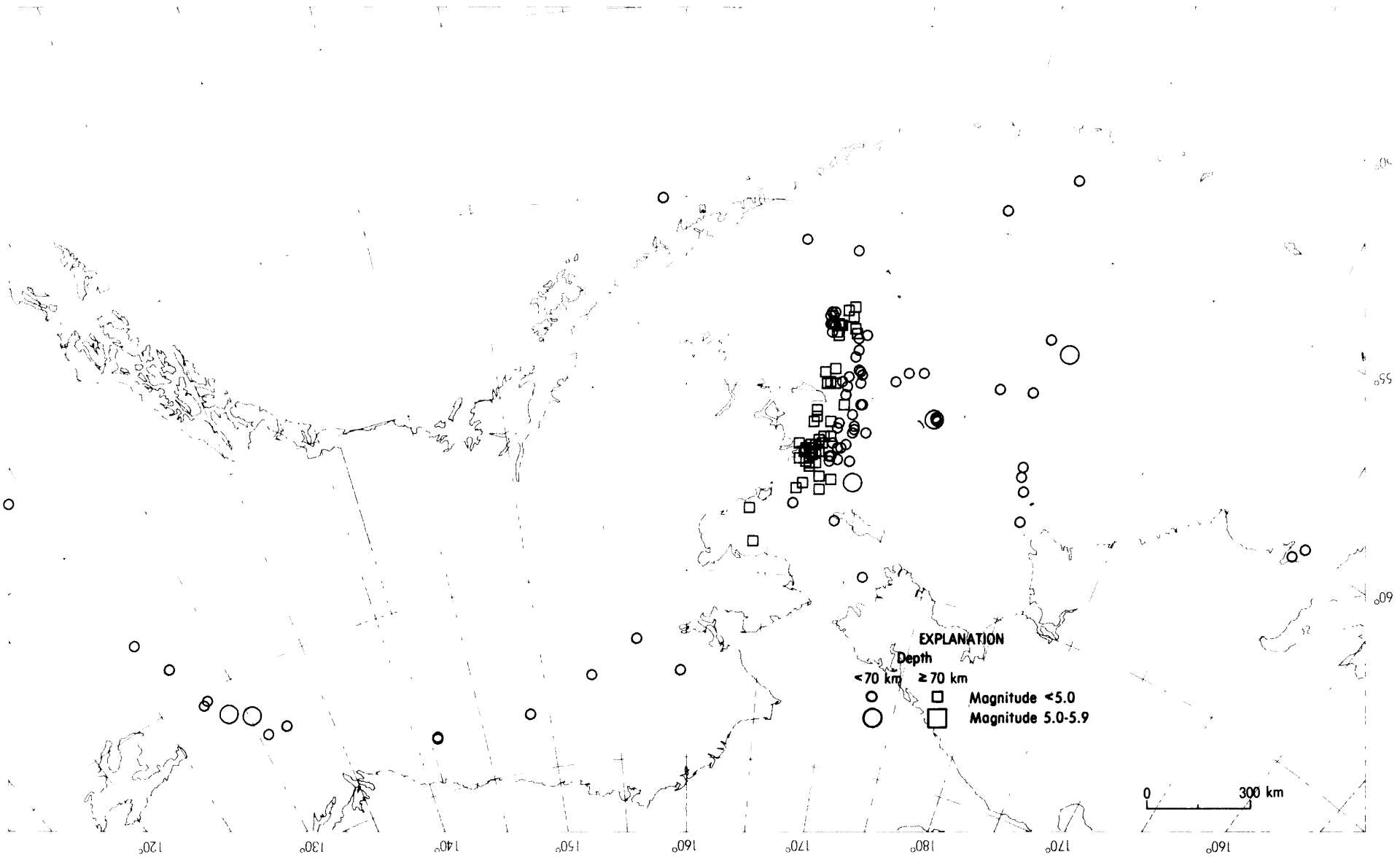
Earthquake epicenters in the conterminous United State and adjacent regions for May, 1995



Earthquakes located in May, 1995

Earthquake Focal Mechanisms for June 1995





Earthquake epicenters in Alaska and adjecent regions for June, 1995

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MAY 1995

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	17	22.9?	5.51	S	130.92	E	33	N	4.0		1.0	9	BANDA SEA
	01	00	22	15.9&	19.831	N	102.066	W	100	G			1.2	7	MICHOACAN, MEXICO
a	01	00	29	40.5	0.315	S	120.943	E	48	D	5.0	4.4	1.1	98	MINAHASSA PENINSULA, SULAWESI. Mw 5.2 (HRV).
	01	00	41	35.5	12.219	N	125.619	E	33	N	4.6		0.8	42	SAMAR, PHILIPPINE ISLANDS
	01	01	02	40.5*	49.678	N	156.338	E	33	N	4.0		1.1	21	KURIL ISLANDS
	01	01	23	07.0?	30.05	N	102.57	E	33	N	3.6		0.4	4	SICHUAN, CHINA. ML 3.5 (BJI).
	01	01	49	55.1	39.751	N	20.760	E	5	G			1.4	7	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	01	02	14	56.8	43.953	N	147.934	E	33	N	4.5		1.1	58	KURIL ISLANDS
	01	02	21	20.2	43.904	N	7.712	E	5	G			0.5	12	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG), 1.9 (GEN).
	01	02	25	44.8	43.770	N	149.097	E	33	N	4.8	4.1	1.0	123	EAST OF KURIL ISLANDS. Felt (V) on Shikotan and (IV) on Kunashir.
	01	03	19	48.8&	48.395	N	1.390	W	10	G			0.7	5	FRANCE. ML 2.1 (LDG).
	01	03	40	20.3?	11.79	N	125.79	E	33	N	4.0		0.7	8	SAMAR, PHILIPPINE ISLANDS
	01	03	53	07.5&	61.568	N	150.868	W	65		4.4			198	SOUTHERN ALASKA. <AEIC>. ML 4.4 (AEIC), 4.4 (PMR). Felt (IV) at Anchorage, Eagle River, Palmer, Skwentna and Talkeetna; (III) at Tyonek, Wasilla and Willow.
	01	04	21	45.6&	41.052	N	125.376	W	15					6	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.6 (GM).
	01	05	21	17.8?	34.73	S	70.97	W	90	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	05	31	50.6*	33.331	N	48.771	E	33	N	4.4		1.3	15	WESTERN IRAN. Felt in the Khorramabad area.
	01	05	43	34.0&	44.279	N	7.229	E	10	G			0.2	9	NORTHERN ITALY. ML 1.7 (GEN).
	01	06	00	15.5?	19.12	N	66.90	W	33	N			0.4	8	PUERTO RICO REGION. MD 3.2 (MPR).
	01	06	31	43.7*	15.628	N	147.767	E	95	*	4.7		0.4	14	MARIANA ISLANDS REGION
	01	06	36	02.4*	11.899	N	60.744	W	90	G			0.3	8	WINDWARD ISLANDS. MD 3.5 (TRN).
	01	06	40	16.6*	11.984	N	125.738	E	33	N	4.3		0.7	17	SAMAR, PHILIPPINE ISLANDS
	01	06	41	15.4*	11.980	N	125.782	E	33	N	4.6		0.7	16	SAMAR, PHILIPPINE ISLANDS
	01	07	21	08.0	28.814	S	71.442	W	33	N	4.1		1.0	29	NEAR COAST OF CENTRAL CHILE
	01	07	30	45.5	19.700	N	73.358	W	33	N	4.2		1.1	25	HAITI REGION
	01	07	32	11.1*	51.340	N	176.904	W	33	N	4.1		1.2	30	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
	01	09	55	43.0*	24.018	N	121.871	E	10	G	3.7		0.3	5	TAIWAN. Felt in the Hua-lien area.
	01	10	15	31.2*	16.307	N	97.505	W	50	G	3.2		0.5	6	OAXACA, MEXICO
	01	10	39	38.4*	56.090	S	26.646	W	120	G	4.7		1.4	27	SOUTH SANDWICH ISLANDS REGION
	01	10	46	05.3*	23.252	S	179.771	W	500	G	3.9		0.9	13	SOUTH OF FIJI ISLANDS
	01	12	00	00.9&	45.356	N	3.020	E	10	G			1.1	7	FRANCE. ML 2.0 (LDG).
	01	12	36	14.4&	58.630	N	153.656	W	72		4.1			106	KODIAK ISLAND REGION. <AEIC>.
	01	12	42	36.3*	46.434	N	153.528	E	33	N	4.4		1.0	16	KURIL ISLANDS
	01	12	55	56.5?	45.99	N	153.41	E	33	N	4.2		1.2	8	EAST OF KURIL ISLANDS
	01	13	03	24.1*	6.212	S	130.365	E	200	G	4.2		0.9	14	BANDA SEA
	01	13	54	54.0*	85.194	N	12.516	E	10	G	4.0		1.3	14	NORTH OF SVALBARD
	01	14	50	48.2	24.011	N	121.647	E	33	N	4.6		1.3	71	TAIWAN
	01	15	15	46.7*	85.245	N	13.104	E	10	G	3.9		1.7	16	NORTH OF SVALBARD
	01	15	19	30.6?	45.61	N	147.23	E	33	N	4.4		1.2	9	KURIL ISLANDS
	01	15	24	05.0*	9.901	N	126.186	E	33	N	4.5		1.0	21	MINDANAO, PHILIPPINE ISLANDS
	01	16	55	42.9*	3.884	S	76.267	W	116	D	4.4		1.1	23	NORTHERN PERU
	01	17	40	08.9&	40.310	N	124.599	W	21					23	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.0 (GS). Felt (III) at Rio Dell.
	01	17	52	28.9?	30.72	S	59.97	E	10	G	4.4		1.2	7	SOUTHWEST INDIAN RIDGE
	01	18	17	29.8&	38.545	N	119.479	W	25					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	01	18	21	53.1*	5.453	S	151.991	E	33	N	4.0		0.8	9	NEW BRITAIN REGION, P.N.G.
	01	18	25	01.1*	12.075	N	125.662	E	33	N	4.5		0.8	12	SAMAR, PHILIPPINE ISLANDS
a	01	18	29	34.5	10.568	S	161.399	E	32	G	5.5	5.5	0.9	211	SOLOMON ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Ms 5.5 (BRK). Mo=5.0*10**17 Nm (PPT). Felt (II) at Honiara. Depth from broadband displacement seismograms.
	01	19	45	33.8&	41.939	N	19.393	E	10	G			0.6	9	ALBANIA. ML 1.8 (TTG).
	01	20	14	54.7	6.335	S	131.444	E	33	N	4.7	4.5	1.1	25	TANIMBAR ISLANDS REG., INDONESIA
	01	20	22	43.5&	64.194	N	148.036	W	11					24	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	21	48	20.5	35.617	N	80.752	E	33	N	3.9		1.1	25	KASHMIR-XIZANG BORDER REGION
	01	22	19	25.9	45.744	N	151.478	E	33	N	4.6		0.9	34	KURIL ISLANDS
	01	22	47	21.4	39.818	N	21.064	E	10	G			0.9	9	GREECE. MD 2.9 (ATH).

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	01	23	16	22.2?	8.90	S	157.50	E	33	N	4.0		0.2	4	SOLOMON ISLANDS
	01	23	30	45.7	61.375	N	2.310	E	10	G			0.2	10	NORWEGIAN SEA. ML 2.7 (BGS), 2.2 (NAO). MD 2.5 (BER).
	02	00	38	35.7%	34.013	S	70.105	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION
	02	00	47	30.3*	38.424	N	135.370	E	352	*	4.0		0.8	28	SEA OF JAPAN
	02	01	40	13.0?	10.87	N	86.24	W	150	G	4.4		1.1	15	OFF COAST OF COSTA RICA
	02	01	42	58.9	41.263	N	20.443	E	10	G			0.7	15	ALBANIA. ML 2.3 (TTG), 1.5 (SKO).
	02	02	04	42.1	38.820	N	21.264	E	5	G			1.0	11	GREECE. MD 3.2 (ATH).
	02	03	39	21.8*	18.693	N	145.475	E	178	D	4.3		1.2	25	MARIANA ISLANDS
a	02	03	54	08.5	43.302	N	147.325	E	50	D	5.6	4.7	0.8	308	KURIL ISLANDS. Mw 5.3 (HRV).
	02	04	23	33.1*	61.841	N	2.236	E	10	G			0.3	6	NORWEGIAN SEA. ML 2.0 (BGS). MD 1.9 (BER).
	02	04	29	11.9*	42.807	N	1.568	W	5	G			0.5	5	PYRENEES. mbLg 2.4 (MDD). ML 2.3 (LDG).
	02	04	42	00.7	43.955	N	7.738	E	5	G			0.7	11	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 2.0 (GEN).
	02	04	48	58.7*	47.367	N	13.438	E	10	G			0.8	6	AUSTRIA. ML 2.0 (VIE).
	02	04	54	38.9?	24.08	S	179.26	E	600	G	4.0		0.4	8	SOUTH OF FIJI ISLANDS
a	02	06	06	05.6	3.792	S	76.917	W	97	G	6.5		1.0	604	NORTHERN PERU. Mw 6.7 (GS), 6.7 (HRV). Mo=1.2*10**19 Nm (PPT). Felt at Andoas, Moyobamba, Tarapoto and along the Peru-Ecuador border. Depth from broadband displacement seismograms.
	02	06	17	21.6*	24.042	N	121.591	E	10	G	4.2		1.0	5	TAIWAN
	02	06	19	46.1*	43.442	N	146.833	E	33	N	5.1		1.0	37	KURIL ISLANDS
	02	07	10	53.7%	71.756	N	1.457	W	10	G			0.4	6	JAN MAYEN ISLAND REGION
	02	08	26	52.2?	38.40	N	21.95	E	10	G			0.6	4	GREECE. MD 2.7 (ATH).
	02	08	46	13.8	11.487	N	126.029	E	33	N	4.6		0.8	29	PHILIPPINE ISLANDS REGION
	02	09	18	33.8	43.899	N	7.706	E	5	G			0.5	9	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 1.9 (GEN).
	02	09	58	43.9	51.595	N	157.175	E	120	G	4.4		0.8	59	NEAR EAST COAST OF KAMCHATKA
	02	10	18	40.1?	17.82	N	68.55	W	100	G			0.4	11	MONA PASSAGE. MD 3.4 (MPR).
	02	11	01	06.3*	43.372	N	146.751	E	33	N	4.0		1.1	13	KURIL ISLANDS
	02	11	11	59.4*	18.978	S	69.418	W	137	*	4.2		0.9	10	NORTHERN CHILE
	02	11	28	07.9%	11.435	N	125.863	E	33	N	4.0		0.9	12	SAMAR, PHILIPPINE ISLANDS
a	02	11	48	11.6	43.776	N	84.660	E	33	N	5.5	5.2	1.1	378	NORTHERN XINJIANG, CHINA. Mw 5.5 (HRV). ML 6.0 (BJI). Ms 4.9 (BRK).
	02	12	19	40.1*	17.616	N	94.580	W	163	*	4.3		1.1	25	CHIAPAS, MEXICO
	02	12	36	08.8&	60.878	N	152.411	W	128		2.8			70	SOUTHERN ALASKA. <AEIC>.
	02	12	42	00.4?	45.59	N	26.50	E	130	G			0.8	5	ROMANIA
	02	12	56	33.6&	40.184	N	123.172	W	34					60	NORTHERN CALIFORNIA. <GM-P>. MD 4.0 (GM). ML 3.9 (GS), 3.7 (BRK).
	02	13	03	17.7?	28.06	S	63.11	E	10	G	4.3		0.3	7	SOUTHWEST INDIAN RIDGE
	02	13	16	52.2?	38.96	S	175.40	E	142	?	4.3		1.0	14	NORTH ISLAND, NEW ZEALAND
	02	14	12	57.5%	34.513	S	70.384	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	02	14	33	20.2	9.471	S	118.514	E	82	*	4.5		1.1	36	SUMBAWA REGION, INDONESIA
	02	14	34	48.1	39.024	N	21.625	E	10	G			0.7	6	GREECE. MD 2.9 (ATH).
	02	15	10	39.6&	36.765	N	121.102	W	2					47	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.0 (GS).
	02	15	39	23.3*	39.412	S	72.139	W	90	G			0.7	11	CENTRAL CHILE
	02	15	52	18.1	39.421	N	20.564	E	10	G	3.8		1.4	38	GREECE-ALBANIA BORDER REGION. ML 3.8 (ATH), 3.5 (THE), 3.3 (TIR).
	02	16	01	04.7	4.977	S	145.844	E	45		4.0		0.9	17	NEAR N COAST OF NEW GUINEA, PNG.
	02	16	39	12.4&	63.504	N	150.979	W	13					33	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
	02	17	19	57.2*	45.865	N	142.788	E	300	G	3.4		1.3	12	HOKKAIDO, JAPAN REGION
	02	18	34	34.9*	11.715	N	125.817	E	33	N	4.5		0.7	12	SAMAR, PHILIPPINE ISLANDS
	02	18	57	36.0&	37.503	N	118.843	W	12					28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	02	19	02	10.9?	44.00	N	147.29	E	33	N	4.5		0.8	9	KURIL ISLANDS
	02	19	11	36.5?	35.38	S	71.40	W	110	G			0.4	10	CENTRAL CHILE
	02	19	19	14.7%	33.200	S	70.761	W	70	G			0.3	10	CHILE-ARGENTINA BORDER REGION
	02	19	31	02.2&	48.142	N	114.479	W	9	G	4.1			76	MONTANA. <BUT>. ML 4.5 (BUT), 4.2 (PGC), 4.1 (GS). Felt (V) at Kalispell, Kila and Marion; (IV) at Somers; (III) at Hungry Horse and Rollins. Also felt at Big Arm, Bigfork, Columbia Falls, Glacier International Airport and Smith Lake.
	02	19	45	32.6*	5.165	S	146.087	E	33	N	4.1		1.1	12	EASTERN NEW GUINEA REG., P.N.G.
	02	19	46	02.8&	48.153	N	114.544	W	9	G				8	MONTANA. <BUT>. ML 2.7 (BUT), 2.4 (GS), 2.4 (PGC). Felt in the epicentral area.
	02	20	40	39.4%	34.052	S	71.137	W	60	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
	02	20	47	07.9&	48.133	N	114.493	W	9	G	3.8			47	MONTANA. <BUT>. ML 4.0 (BUT), 3.8 (PGC), 3.5 (GS). Felt at Kalispell and Smith Lake.
	02	22	48	20.8	24.087	N	121.991	E	33	N	4.5	4.4	1.2	53	TAIWAN. Felt (III) at Hua-lien and (II) at Tai-pei.
	02	23	14	43.6	53.017	N	2.238	E	10	G	3.7		0.8	23	NORTH SEA. ML 3.6 (LDG), 3.4 (BGS), 3.1 (DBN).
	02	23	35	25.6	18.093	N	66.953	W	10	G			0.5	8	PUERTO RICO REGION. MD 3.1 (MPR).
	02	23	41	26.1&	58.207	N	151.666	W	29					23	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	02	23	44	00.2	43.385	N	17.155	E	10	G			0.7	13	NORTHWESTERN BALKAN REGION. ML 2.9 (TTG).
	02	23	48	26.7?	31.45	S	68.66	W	5	G			0.6	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN). Felt (III) at Zonda.
	02	23	50	40.6?	51.49	N	179.63	E	54	*	4.2		1.2	12	RAT ISLANDS, ALEUTIAN ISLANDS
a	02	23	52	43.6	60.427	S	154.042	E	10	G	5.2	5.8	1.0	48	WEST OF MACQUARIE ISLAND. Mw 6.2 (HRV). Ms 5.7 (BRK). Mo=1.5*10**18 Nm (PPT).
	03	00	57	17.2?	12.09	N	126.17	E	33	N	4.2		0.8	9	PHILIPPINE ISLANDS REGION
	03	01	33	03.1*	13.386	N	96.971	E	33	N	4.3		0.3	15	ANDAMAN ISLANDS, INDIA
	03	02	06	14.3	11.806	N	92.878	E	33	N	4.5		0.9	34	ANDAMAN ISLANDS, INDIA
	03	02	15	02.2	6.340	S	148.979	E	50	G	4.4		0.8	20	NEW BRITAIN REGION, P.N.G.
	03	02	40	08.3	12.016	N	126.160	E	33	N	4.6		0.7	16	PHILIPPINE ISLANDS REGION
	03	02	49	52.6	28.401	N	52.761	E	33	N	4.7		0.8	131	SOUTHERN IRAN
	03	02	53	29.2?	14.97	S	167.07	E	33	N	4.3		1.0	25	VANUATU ISLANDS
	03	03	35	10.8?	9.63	N	82.11	W	33	N			0.7	4	PANAMA-COSTA RICA BORDER REGION. MD 3.8 (UPA).
	03	04	28	11.8?	33.72	S	69.45	W	160	G			0.3	8	CHILE-ARGENTINA BORDER REGION
	03	04	45	47.6?	40.67	N	23.57	E	5	G			1.4	5	GREECE. MD 3.5 (ATH).
	03	05	39	08.7	8.838	N	127.279	E	33	N	4.8		1.0	65	PHILIPPINE ISLANDS REGION
	03	05	48	24.6	3.245	S	128.887	E	55	*	4.4		0.9	19	SERAM, INDONESIA
	03	05	56	31.8%	11.847	N	125.877	E	33	N	4.1		0.5	12	SAMAR, PHILIPPINE ISLANDS
	03	06	46	02.6?	2.93	N	126.05	E	33	N	4.1		0.6	6	NORTHERN MOLUCCA SEA
	03	06	49	48.8?	31.29	S	67.39	W	150	G			1.0	11	SAN JUAN PROVINCE, ARGENTINA
	03	06	55	21.0%	45.555	N	26.655	E	100	G			0.8	5	ROMANIA
	03	06	55	26.2%	10.174	N	67.840	W	10	G			1.1	7	NEAR COAST OF VENEZUELA
	03	07	44	34.7	31.721	N	141.682	E	33	N	4.3		0.8	29	SOUTH OF HONSHU, JAPAN
	03	07	52	15.0%	47.137	N	6.777	E	10	G			0.9	8	FRANCE. ML 2.3 (LDG).

	03	07	56	04.7%	33.843	S	71.262	W	60	G		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
	03	09	59	03.6?	16.83	S	172.5Q	W	33	N	4.7	0.7	8	SAMOA ISLANDS REGION
	03	10	18	49.7?	34.54	S	70.33	W	5	G		0.3	6	CHILE-ARGENTINA BORDER REGION
	03	10	27	15.2*	18.764	N	145.550	E	250	G	4.1	1.0	13	MARIANA ISLANDS
	03	10	28	35.7&	48.156	N	114.505	W	9	G			10	MONTANA. <BUT>. ML 2.8 (BUT), 2.8 (GS), 2.6 (PGC). Felt in the epicentral area.
	03	10	34	01.2	6.969	N	72.754	W	200	G	4.3	1.0	45	NORTHERN COLOMBIA
	03	10	34	26.2?	44.21	N	139.12	E	191	?	4.3	0.4	13	EASTERN SEA OF JAPAN
	03	10	45	47.1?	56.25	S	143.76	W	10	G	4.3 4.9	1.5	7	PACIFIC-ANTARCTIC RIDGE. Ms 4.9 (BRK).
	03	11	10	49.3?	34.56	S	70.32	W	5	G		0.3	7	CHILE-ARGENTINA BORDER REGION
	03	11	32	00.7?	34.45	S	70.39	W	10	G		0.2	7	CHILE-ARGENTINA BORDER REGION
	03	11	38	20.9?	17.56	N	62.00	W	10	G		0.2	8	LEEWARD ISLANDS. ML 3.3 (FDF).
	03	12	12	38.9*	4.215	S	126.465	E	300	G	3.9	1.1	10	BANDA SEA
	03	12	24	49.4?	4.22	S	126.00	E	400	G	4.0	1.3	7	BANDA SEA
	03	13	03	16.8&	48.143	N	114.509	W	9	G	3.3		12	MONTANA. <BUT>. ML 3.7 (BUT), 3.5 (GS), 3.5 (PGC). Felt at Kalispell, Kila and Marion.
	03	13	04	44.2?	46.15	N	150.19	E	33	N	4.2	0.8	12	KURIL ISLANDS
	03	13	05	00.0?	12.50	N	125.43	E	33	N	4.0	1.3	6	SAMAR, PHILIPPINE ISLANDS
	03	13	20	11.6?	23.62	S	66.39	W	200	G	3.7	1.3	8	JUJUY PROVINCE, ARGENTINA
	03	13	58	36.0*	11.981	N	124.228	E	33	N	4.2	1.2	15	LEYTE, PHILIPPINE ISLANDS
	03	14	16	40.1	40.564	N	23.698	E	10	G	3.9	1.2	56	GREECE. ML 3.9 (THE), 3.9 (TIR). MD 3.8 (ATH).
	03	14	30	37.2	32.523	S	71.915	W	10	G	3.9	1.0	21	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
a	03	15	05	57.3	6.660	S	153.427	E	33	N	5.4 4.6	0.8	130	NEW BRITAIN REGION, P.N.G. Mw 5.3 (HRV). Ms 4.7 (BRK).
	03	15	38	27.9*	11.951	N	125.740	E	33	N	4.3	0.6	12	SAMAR, PHILIPPINE ISLANDS
	03	15	39	55.2	40.599	N	23.737	E	10	G	4.1	1.2	95	GREECE. ML 4.2 (THE), 4.2 (TIR), 4.0 (TTG). MD 3.9 (ATH). Felt strongly along the northeast coast of the Khalkidhiki Peninsula. Also felt at Arnaia, Poliyiros and Thessaloniki.
	03	15	41	11.0?	30.50	S	179.48	W	500	G	4.3	0.6	7	KERMADEC ISLANDS REGION
	03	15	58	15.3?	40.56	N	23.62	E	10	G		0.1	4	GREECE. MD 2.9 (ATH).
	03	16	06	18.7?	33.75	S	70.30	W	110	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	03	16	40	24.5*	9.966	N	126.225	E	33	N	4.5	0.7	15	MINDANAO, PHILIPPINE ISLANDS
	03	16	49	24.6	31.855	S	69.161	W	150	?		0.6	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (SAN).
	03	17	03	47.4%	44.360	N	7.201	E	10	G		0.3	6	NORTHERN ITALY. ML 2.1 (GEN).
	03	18	12	39.0&	55.393	N	118.217	W	0	G			7	ALBERTA, CANADA. <PGC-P>. mbLg 3.3 (PGC). Felt at Teepee Creek.
	03	18	51	24.7	12.656	N	125.251	E	33	N	4.5	0.8	31	SAMAR, PHILIPPINE ISLANDS
	03	18	56	38.9	40.558	N	23.642	E	10	G	3.9	0.7	27	GREECE. MD 3.6 (ATH). ML 3.5 (THE).
	03	19	04	39.3	40.559	N	23.714	E	10	G		0.3	7	GREECE
	03	19	32	20.4&	33.951	N	118.374	W	13				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS). Felt in the Inglewood-Santa Monica area.
	03	20	21	50.5?	11.46	N	139.12	E	33	N	3.7	0.5	6	WESTERN CAROLINE ISLANDS
	03	20	46	14.0?	31.47	S	68.99	W	100	G		1.1	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
	03	20	46	55.5	9.815	S	113.783	E	33	N	4.3	1.0	29	SOUTH OF JAWA, INDONESIA
	03	20	49	03.1?	5.36	N	125.33	E	33	N	4.7	0.7	8	MINDANAO, PHILIPPINE ISLANDS
	03	21	20	43.3*	6.261	S	129.103	E	250	G	4.4	1.0	9	BANDA SEA
	03	21	36	52.8	40.581	N	23.686	E	10	G	4.6	1.1	164	GREECE. ML 4.6 (ROM), 4.5 (THE), 4.4 (TIR). MD 4.3 (ATH). Felt strongly on the Khalkidhiki Peninsula and at Drama, Kilkis, Serrai and Thessaloniki. Also felt in southwestern Bulgaria and in the former Yugoslav Republic of Macedonia.
	03	21	43	25.7	40.595	N	23.676	E	10	G	4.7	1.1	186	GREECE. ML 4.6 (THE), 4.6 (ROM). MD 4.4 (ATH). Felt (III) at Gevgelija, former Yugoslav Republic of Macedonia. Felt strongly on the Khalkidhiki Peninsula and at Drama, Kilkis, Serrai and Thessaloniki. Also felt in southwestern Bulgaria.
	03	22	09	49.5	40.563	N	23.561	E	10	G		0.6	5	GREECE. MD 3.1 (ATH).
	03	22	27	19.9?	12.71	N	126.43	E	33	N	3.9	1.5	6	PHILIPPINE ISLANDS REGION
	03	22	28	36.1&	19.320	N	155.217	W	8				50	HAWAII. <HVO-P>. MD 4.0 (HVO). Felt (IV) at Honomu and Papaaloa; (III) at Hilo, Kurtistown, Ninole, Papaikou and Pepeekeo. Felt in the eastern part of the island of Hawaii.
	03	22	33	02.5	40.584	N	23.712	E	10	G	3.1	0.9	15	GREECE. MD 3.6 (ATH).
	03	23	33	04.2?	14.18	S	167.18	E	33	N	4.4	0.8	17	VANUATU ISLANDS
	04	00	00	09.6&	33.950	N	118.375	W	13				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS). Felt.
	04	00	07	03.9?	35.70	N	77.21	E	33	N	3.7	0.7	6	EASTERN KASHMIR
a	04	00	34	09.1	40.572	N	23.617	E	10	G	5.1 5.1	1.0	280	GREECE. Mw 5.3 (HRV). ML 5.5 (THE), 4.8 (TIR). MD 5.3 (ATH). Ms 5.1 (BRK). Felt strongly on the Khalkidhiki Peninsula and at Drama, Kilkis, Serrai and Thessaloniki. Felt (IV) at Gevgelija and (III) at Bitola, former Yugoslav Republic of Macedonia. Also felt in southwestern Bulgaria.
	04	00	43	41.1	40.550	N	23.659	E	10	G		0.5	12	GREECE. MD 4.0 (ATH).
	04	00	44	08.1	35.752	N	22.072	E	33	N	4.1	1.2	38	CENTRAL MEDITERRANEAN SEA
	04	01	08	46.2?	40.63	N	23.59	E	10	G		0.9	5	GREECE
	04	01	10	09.1?	40.77	N	23.64	E	10	G		0.2	4	GREECE
	04	01	14	05.0	40.615	N	23.502	E	10	G		1.0	12	GREECE. MD 3.4 (ATH).
	04	01	14	55.3*	12.604	N	125.161	E	33	N	4.5	0.9	14	SAMAR, PHILIPPINE ISLANDS
	04	01	41	33.8*	40.577	N	23.662	E	10	G		1.1	5	GREECE. MD 3.4 (ATH).
	04	01	45	42.5*	24.024	S	66.682	W	201	*	3.8	0.9	12	SALTA PROVINCE, ARGENTINA
a	04	02	18	47.9	1.889	N	128.478	E	23	G	6.0 5.9	1.1	367	HALMAHERA, INDONESIA. Mw 6.1 (GS), 6.1 (HRV). Ms 6.0 (BRK). Mo=5.2*10**18 Nm (PPT). Felt on Ternate. Depth from broadband displacement seismograms.
	04	02	31	08.6%	59.976	N	5.922	E	10	G		0.2	7	SOUTHERN NORWAY. MD 1.9 (BER).
	04	02	56	48.4&	59.819	N	150.498	W	38				35	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	03	06	44.8	24.128	S	66.864	W	180		4.8	0.8	44	SALTA PROVINCE, ARGENTINA
	04	03	11	53.3	37.305	S	68.220	W	33	N	4.4	1.1	26	SOUTHERN ARGENTINA. Felt (III) at Neuquen.
	04	03	33	05.2?	4.03	N	94.26	E	33	N	4.1	0.9	5	OFF W COAST OF NORTHERN SUMATERA
	04	03	44	30.4	42.699	N	146.303	E	33	N	4.7	0.6	30	OFF COAST OF HOKKAIDO, JAPAN
	04	04	19	10.2*	40.563	N	23.640	E	10	G		0.7	6	GREECE. MD 3.1 (ATH).
	04	04	24	36.8?	25.39	S	179.04	E	500	G	4.1	0.7	12	SOUTH OF FIJI ISLANDS
	04	04	31	34.3%	44.429	N	147.927	E	33	N	3.9	0.7	8	KURIL ISLANDS

	04	04 39 21.3?	40.53	N	23.60	E	10	G			1.0	4	GREECE
	04	04 45 48.4	40.562	N	23.626	E	10	G			0.9	15	GREECE. MD 3.5 (ATH).
	04	05 03 04.3*	18.275	N	105.034	W	33	N	3.7		1.1	19	OFF COAST OF JALISCO, MEXICO
	04	05 10 02.0?	7.97	S	124.02	E	33	N	3.7		1.4	8	BANDA SEA
	04	05 22 09.7&	48.108	N	114.584	W	9	G				10	MONTANA. <BUT>. ML 3.0 (BUT), 2.8 (GS), 2.6 (PGC). Felt in the epicentral area. Small precursor, ML 2.6, about 8 seconds pior to this event.
	04	05 24 56.2*	9.075	S	123.887	E	33	N	4.2		1.0	9	TIMOR REGION, INDONESIA
	04	05 29 46.8	6.750	S	114.821	E	33	N	4.5	4.4	1.0	28	BALI SEA
	04	06 18 36.3?	3.85	N	76.82	W	100	G	3.7		1.5	5	COLOMBIA
	04	06 18 45.2	43.175	N	126.739	W	10	G	3.8		0.6	86	OFF COAST OF OREGON
	04	06 49 26.5*	3.621	N	127.932	E	33	N	4.3		0.8	9	TALAUD ISLANDS, INDONESIA
	04	07 13 58.4*	42.525	N	146.650	E	33	N	4.1		1.2	20	OFF COAST OF HOKKAIDO, JAPAN
	04	07 42 55.4?	31.63	S	69.21	W	100	G			0.9	10	SAN JUAN PROVINCE, ARGENTINA
	04	08 39 22.5%	37.309	N	3.680	W	10	G			0.9	5	SPAIN. MD 3.0 (MDD).
	04	08 41 59.4*	34.196	N	135.239	E	10	G	4.3		0.7	9	NEAR S. COAST OF WESTERN HONSHU
	04	09 46 40.6	15.070	N	60.412	W	57	D	4.4		0.9	51	LEEWARD ISLANDS. MD 4.6 (TRN). Felt (III) on Martinique.
	04	10 10 41.3?	47.67	N	14.29	E	10	G			1.2	5	AUSTRIA. ML 1.9 (VIE).
	04	11 33 04.5	40.600	N	23.536	E	10	G			1.3	9	GREECE. MD 3.2 (ATH).
	04	11 43 04.2	10.424	S	12.989	W	10	G	4.9	4.2	0.8	45	ASCENSION ISLAND REGION
	04	11 54 08.8?	40.83	S	44.10	E	10	G	4.1		1.5	9	SOUTHWEST INDIAN RIDGE
	04	12 06 28.5	31.659	S	68.661	W	10	G			0.9	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	04	12 15 19.9*	17.697	N	146.173	E	73	*	4.2		0.5	11	MARIANA ISLANDS
	04	12 17 39.2*	4.468	S	153.649	E	33	N	4.3		0.9	14	NEW IRELAND REGION, P.N.G.
	04	13 26 40.3*	25.325	N	95.014	E	165	*	4.5		0.7	7	MYANMAR-INDIA BORDER REGION
	04	13 34 46.6?	40.53	N	23.60	E	10	G			1.0	4	GREECE
	04	14 04 55.8?	31.24	N	142.75	E	33	N	4.0		1.5	6	SOUTH OF HONSHU, JAPAN
a	04	15 00 10.3	19.620	N	122.134	E	33	N	4.9	4.9	1.0	110	PHILIPPINE ISLANDS REGION. Mw 5.2 (HRV).
	04	15 26 58.7&	60.457	N	151.443	W	49		4.3			137	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.1 (AEIC), 4.2 (PMR). Felt (IV) at Anchorage and (II) at Eagle River. Also felt at Kasilof.
	04	15 37 18.2	30.833	S	71.526	W	20	G			0.4	14	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	04	15 38 16.6?	42.88	N	2.09	E	10	G			0.1	4	PYRENEES. ML 2.5 (LDG).
	04	15 43 26.0	43.825	N	148.363	E	33	N	4.6		1.0	65	EAST OF KURIL ISLANDS
a	04	15 47 17.2	18.649	S	168.817	E	139	D	5.1		0.9	131	VANUATU ISLANDS. Mw 5.3 (HRV).
	04	16 03 30.7	34.996	N	27.990	E	33	N	4.7	4.4	1.2	185	EASTERN MEDITERRANEAN SEA. ML 4.8 (CSS). MD 4.7 (ATH).
	04	16 09 36.9%	44.123	N	8.503	E	10	G			0.3	6	NORTHERN ITALY. ML 2.3 (LDG).
	04	16 37 17.4*	43.734	N	147.344	E	33	N	4.4		0.8	13	KURIL ISLANDS
	04	16 47 00.5*	18.612	N	145.639	E	284		3.6		0.6	17	MARIANA ISLANDS
	04	16 48 23.3&	58.578	N	154.501	W	0					23	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
	04	17 18 37.7*	0.806	N	118.556	E	33	N	4.1		1.3	8	BORNEO
	04	17 46 05.7&	60.752	N	148.322	W	28					45	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	04	17 47 43.1	40.599	N	23.617	E	10	G			0.7	16	GREECE. MD 3.5 (ATH).
	04	17 49 00.1*	18.864	N	67.476	W	33	N			0.2	10	MONA PASSAGE. MD 3.1 (MPR).
	04	18 03 37.0	19.519	N	122.090	E	33	N	4.4	4.2	1.1	47	PHILIPPINE ISLANDS REGION
	04	18 09 36.0?	19.67	N	122.56	E	33	N	3.9		0.3	5	PHILIPPINE ISLANDS REGION
	04	18 17 24.8*	19.452	N	122.138	E	69	?	3.8		0.9	15	PHILIPPINE ISLANDS REGION
	04	18 47 46.6*	19.534	N	122.050	E	33	N	4.1		1.2	12	PHILIPPINE ISLANDS REGION
	04	18 47 48.6	23.916	S	69.909	W	49	D	4.9		0.9	64	NORTHERN CHILE
	04	18 50 19.2	19.577	N	122.128	E	33	N	4.6	4.8	0.9	89	PHILIPPINE ISLANDS REGION
	04	18 55 30.4%	44.402	N	7.406	E	5	G			0.2	7	NORTHERN ITALY. ML 2.4 (GEN).
	04	19 11 40.1*	40.580	N	23.568	E	10	G			1.2	7	GREECE. MD 3.0 (ATH).
	04	19 14 13.1?	24.22	S	115.87	W	10	G	4.5	4.4	1.0	8	SOUTHERN EAST PACIFIC RISE
	04	19 28 58.6?	12.07	N	121.48	E	33	N	4.4		1.3	6	MINDORO, PHILIPPINE ISLANDS
	04	19 47 57.9*	36.136	N	27.549	E	10	G			1.4	5	DODECANESE ISLANDS. MD 3.9 (ATH).
	04	20 00 15.1*	21.832	S	68.395	W	138	?	3.8		0.9	9	CHILE-BOLIVIA BORDER REGION
	04	20 05 08.0	18.889	N	64.295	W	48		4.4		0.9	57	VIRGIN ISLANDS. MD 4.5 (TRN), 4.1 (MPR).
	04	21 20 44.8?	45.06	N	147.43	E	33	N	4.4		1.0	7	KURIL ISLANDS
a	04	21 21 57.5	24.418	S	116.110	W	10	G	5.0	4.8	1.0	65	SOUTHERN EAST PACIFIC RISE. Mw 5.3 (HRV). Ms 4.6 (BRK). Mo=3.8*10**17 Nm (PPT).
	04	21 39 25.0*	8.531	S	118.445	E	126	*	3.9		1.0	15	SUMBAWA REGION, INDONESIA
	04	22 30 27.0%	43.249	N	18.649	E	5	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	04	22 42 41.3?	9.69	N	138.47	E	33	N	4.7		0.7	8	WESTERN CAROLINE ISLANDS
	04	23 16 18.2?	5.06	N	99.21	W	10	G	3.9		1.2	16	EAST CENTRAL PACIFIC OCEAN
	04	23 36 46.6%	43.244	N	18.639	E	5	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	05	00 28 31.0	40.349	N	143.281	E	33	N	4.7		0.7	51	OFF EAST COAST OF HONSHU, JAPAN
	05	02 10 59.4&	63.122	N	150.602	W	119		2.7			93	CENTRAL ALASKA. <AEIC>.
	05	02 24 33.7*	6.636	N	73.187	W	151	?	4.5		0.9	16	NORTHERN COLOMBIA
	05	02 40 28.4*	35.880	N	68.824	E	33	N	4.5		1.1	18	HINDU KUSH REGION, AFGHANISTAN
	05	02 43 46.4&	60.655	N	147.141	W	21		2.9			44	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	05	02 46 41.5%	37.095	N	3.796	W	10	G			1.2	5	SPAIN. mbLg 2.4 (MDD).
	05	02 57 57.4*	44.929	N	8.660	E	5	G			1.2	7	NORTHERN ITALY
	05	03 06 53.5*	36.017	N	69.508	E	160	?	4.4		1.0	25	HINDU KUSH REGION, AFGHANISTAN
	05	03 07 51.5*	44.900	N	8.975	E	5	G			0.5	12	NORTHERN ITALY. ML 2.5 (GEN), 2.1 (LDG).
	05	03 11 23.4*	1.487	N	127.313	E	144	?	4.9		1.0	28	HALMAHERA, INDONESIA
a	05	03 53 45.0	12.626	N	125.297	E	16	G	6.2	7.0	0.9	338	SAMAR, PHILIPPINE ISLANDS. Mw 7.0 (GS), 7.1 (HRV). Ms 7.1 (BRK). Mo=4.5*10**19 Nm (PPT). Felt on Catanduanes, Leyte and Masbate. Also felt in southern Luzon. Complex event with two major subevents occurring about 7.5 seconds after onset. Depth from broadband displacement seismograms, based on the first major subevent.
	05	04 06 47.7*	12.511	N	125.408	E	33	N	4.6		0.8	15	SAMAR, PHILIPPINE ISLANDS
	05	04 14 49.5*	12.398	N	125.203	E	33	N	4.5		1.2	21	SAMAR, PHILIPPINE ISLANDS
	05	04 25 31.3	44.911	N	9.018	E	10	G			0.7	21	NORTHERN ITALY. ML 2.8 (GEN), 2.5 (LDG).
	05	04 32 07.5	18.172	N	67.310	W	33	N			0.5	11	MONA PASSAGE. MD 3.5 (MPR).
	05	04 34 04.0	12.368	N	125.627	E	33	N	4.7		0.8	55	SAMAR, PHILIPPINE ISLANDS
	05	04 39 10.6	12.637	N	125.238	E	33	N	5.6	6.1	0.9	238	SAMAR, PHILIPPINE ISLANDS
	05	04 53 00.2*	24.546	S	179.281	E	560	?	4.5		0.9	43	SOUTH OF FIJI ISLANDS
	05	04 54 24.7%	35.168	N	27.217	E	100	G	4.0		0.7	11	DODECANESE ISLANDS
	05	05 01 10.0*	12.751	N	125.416	E	33	N	5.2		0.8	16	SAMAR, PHILIPPINE ISLANDS
	05	05 03 51.5	12.723	N	125.359	E	33	N	4.7		1.2	46	SAMAR, PHILIPPINE ISLANDS
	05	05 23 51.5*	12.480	N	125.542	E	33	N	4.4		0.7	15	SAMAR, PHILIPPINE ISLANDS

	05	05 35 51.9*	12.619	N	125.212	E	33	N	4.6		0.9	14	SAMAR, PHILIPPINE ISLANDS
	05	05 54 51.1*	12.594	N	125.373	E	33	N	4.2		1.0	11	SAMAR, PHILIPPINE ISLANDS
	05	06 02 57.6	40.384	N	142.262	E	66		4.3		0.6	38	NEAR EAST COAST OF HONSHU, JAPAN
	05	06 14 51.9?	12.48	N	125.30	E	33	N	4.1		1.1	9	SAMAR, PHILIPPINE ISLANDS
	05	06 35 53.0	12.401	N	125.535	E	33	N	4.5		0.8	44	SAMAR, PHILIPPINE ISLANDS
	05	06 40 15.5?	5.51	N	127.64	E	150	G	4.5		1.3	6	PHILIPPINE ISLANDS REGION
	05	06 40 21.6*	24.085	S	66.705	W	200	G	3.7		1.2	12	SALTA PROVINCE, ARGENTINA
	05	06 50 25.7	10.107	N	70.062	W	10	G	4.3		1.2	42	VENEZUELA. Felt strongly at Barquisimeto, Carora and El Tocuyo.
	05	07 11 38.1*	4.859	S	145.202	E	61	*	4.3		0.8	14	NEAR N COAST OF NEW GUINEA, PNG.
	05	07 52 37.2	12.623	N	125.232	E	33	N	4.7	4.6	0.9	62	SAMAR, PHILIPPINE ISLANDS
	05	08 26 14.2	19.093	N	121.134	E	33	N	4.4	4.4	1.0	30	PHILIPPINE ISLANDS REGION
	05	08 51 19.4?	43.84	N	7.57	E	5	G			0.2	4	NEAR SOUTH COAST OF FRANCE. ML 1.8 (GEN).
	05	08 54 44.8&	63.255	N	151.055	W	10					55	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	05	09 05 47.0	12.494	N	125.193	E	33	N	4.7	4.5	1.0	63	SAMAR, PHILIPPINE ISLANDS
	05	09 17 28.7	13.763	N	51.549	E	10	G	4.9	4.5	1.1	114	EASTERN GULF OF ADEN
	05	09 22 12.8*	51.925	N	173.952	W	33	N	4.2		1.1	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	05	09 26 52.0	12.394	N	125.467	E	33	N	4.6		0.8	35	SAMAR, PHILIPPINE ISLANDS
	05	09 27 45.2?	34.62	S	70.44	W	120	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	05	10 05 38.8&	48.182	N	114.491	W	9	G				7	MONTANA. <BUT>. MD 2.5 (BUT). ML 2.0 (GS), 2.0 (PGC). Felt in the epicentral area.
a	05	10 09 06.5	8.919	S	110.335	E	67		4.9		1.0	115	JAWA, INDONESIA. Mw 5.4 (HRV).
	05	10 28 01.7*	12.704	N	125.260	E	33	N	4.4		0.7	17	SAMAR, PHILIPPINE ISLANDS
	05	10 34 40.4?	21.95	S	179.38	W	500	G	4.1		1.1	13	FIJI ISLANDS REGION
	05	10 46 38.9*	32.055	S	69.948	W	130	G			0.4	13	MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
	05	11 01 04.4	12.583	N	125.182	E	33	N	4.8	4.8	0.8	57	SAMAR, PHILIPPINE ISLANDS
	05	11 03 48.0	12.606	N	125.125	E	33	N	4.6		0.9	37	SAMAR, PHILIPPINE ISLANDS
	05	11 07 17.7*	12.637	N	125.027	E	33	N	4.7		0.8	18	SAMAR, PHILIPPINE ISLANDS
	05	11 16 24.8*	20.792	S	178.705	W	600	G	4.5		0.9	15	FIJI ISLANDS REGION
	05	11 35 04.3*	5.503	N	124.664	E	300	G	3.6		1.0	9	MINDANAO, PHILIPPINE ISLANDS
	05	11 47 21.1?	34.65	N	25.34	E	33	N	3.8		1.1	11	CRETE
	05	11 48 30.1&	12.590	N	126.121	E	33	N	4.1		0.9	9	PHILIPPINE ISLANDS REGION
	05	12 29 19.0	0.597	N	121.974	E	85	D	4.9		1.1	77	MINAHASSA PENINSULA, SULAWESI
	05	12 48 19.3&	32.771	S	71.146	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
a	05	13 01 41.4	9.897	S	118.915	E	33	N	5.7	5.3	1.2	213	SUMBAWA REGION, INDONESIA. Mw 5.7 (HRV). Felt (IV) at Waingapu.
	05	14 24 25.1*	44.051	N	148.140	E	33	N	3.9		0.9	21	KURIL ISLANDS
	05	15 17 55.9*	7.103	S	129.596	E	100	G	4.5		1.1	11	BANDA SEA
	05	15 18 08.1	16.160	S	177.952	E	21	D	4.9		0.8	63	FIJI ISLANDS
a	05	16 08 11.6	15.824	S	172.798	W	33	N	5.2	5.2	1.0	97	SAMOA ISLANDS REGION. Mw 5.6 (HRV). Ms 5.2 (BRK). Mo=6.7*10**17 Nm (PPT).
	05	16 13 43.7*	12.525	N	124.995	E	33	N	4.6		0.5	16	SAMAR, PHILIPPINE ISLANDS
a	05	17 19 19.3	8.725	S	111.034	E	77	G	5.7		1.2	208	JAWA, INDONESIA. Mw 5.9 (GS), 5.9 (HRV). Felt in southern Jawa. Depth from broadband displacement seismograms.
	05	18 03 37.5	6.633	S	130.138	E	80	*	5.0		1.1	47	BANDA SEA
	05	18 33 32.0	51.381	N	156.406	E	100	G	4.1		0.9	32	KAMCHATKA
	05	18 34 36.7	38.508	N	114.629	W	5	G			0.8	10	NEVADA. MD 3.4 (REN).
	05	18 51 58.2	15.284	S	173.369	W	33	N	4.8	5.0	1.1	77	TONGA ISLANDS
	05	19 15 01.9?	22.84	S	170.77	E	33	N	3.8		0.9	7	LOYALTY ISLANDS REGION
	05	19 25 06.2*	12.419	N	125.588	E	33	N	4.4		1.2	16	SAMAR, PHILIPPINE ISLANDS
	05	20 29 50.6*	27.225	N	140.036	E	485	*	4.1		0.5	18	BONIN ISLANDS REGION
	05	20 56 01.9	44.457	N	6.908	E	5	G			0.4	18	FRANCE. ML 2.6 (GEN), 2.4 (LDG).
	05	21 07 50.3	41.468	N	19.639	E	10	G			1.0	15	ALBANIA. ML 2.9 (TIR), 2.3 (TTG).
	05	21 18 27.5*	12.191	N	125.493	E	33	N	4.3		0.8	13	SAMAR, PHILIPPINE ISLANDS
	05	21 51 01.0*	0.270	N	122.290	E	132	*	4.5		0.5	15	MINAHASSA PENINSULA, SULAWESI
	05	21 53 10.1*	0.014	N	122.508	E	33	N	4.4		1.2	12	MINAHASSA PENINSULA, SULAWESI
	05	21 56 09.5*	84.155	N	0.621	W	10	G	4.0		1.4	19	NORTH OF SVALBARD
	05	22 18 23.6*	19.115	S	69.507	W	121	?	3.9		1.3	9	NORTHERN CHILE
a	05	22 48 04.4	18.553	S	168.779	E	117	G	5.9		0.9	414	VANUATU ISLANDS. Mw 5.9 (GS), 5.9 (HRV). mb 6.2 (BRK). Mo=1.3*10**18 Nm (PPT). Felt at Noumea and Port-Vila. Depth from broadband displacement seismograms.
	05	22 51 29.1	15.206	S	177.575	W	400	G	4.8		0.8	48	FIJI ISLANDS REGION
	05	22 58 42.6?	39.38	N	142.24	E	33	N	4.3		0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
	05	23 11 58.6	12.393	N	125.549	E	33	N	4.6		1.1	28	SAMAR, PHILIPPINE ISLANDS
	05	23 32 26.5	12.492	N	125.281	E	33	N	4.4		1.0	18	SAMAR, PHILIPPINE ISLANDS
	05	23 57 39.7	44.174	N	7.017	E	10	G			0.3	14	NORTHERN ITALY. ML 2.3 (GEN), 1.6 (LDG).
	06	00 10 19.4?	23.93	S	179.73	W	451	?	4.0		1.1	13	SOUTH OF FIJI ISLANDS
	06	00 19 14.7?	12.71	N	125.17	E	33	N	4.5		0.9	7	SAMAR, PHILIPPINE ISLANDS
	06	00 36 09.6?	51.59	N	179.84	E	33	N	4.2		1.6	10	RAT ISLANDS, ALEUTIAN ISLANDS
	06	00 39 52.9	51.248	N	179.669	E	33	N	4.4		1.1	48	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	06	00 53 18.9*	7.318	S	128.005	E	102	?	4.5		0.7	21	BANDA SEA
	06	00 58 02.6	44.098	N	147.788	E	33	N	4.6		1.0	60	KURIL ISLANDS
	06	00 59 53.1*	57.737	S	65.532	W	10	G	4.8		0.9	30	DRAKE PASSAGE
	06	01 40 54.1&	61.217	N	150.108	W	46					13	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	06	01 49 54.4?	57.76	S	65.48	W	10	G	4.5		1.3	12	DRAKE PASSAGE
a	06	01 59 07.1	24.987	N	95.294	E	118	G	6.4		1.0	589	MYANMAR. Mw 6.4 (GS), 6.4 (HRV). Mo=6.4*10**18 Nm (PPT). Felt in Assam, Manipur and Meghalaya, India. Also felt in Bangladesh and western Myanmar. Two events about 4.3 seconds apart. Depth from broadband displacement seismograms, based on first event.
	06	02 30 55.0	24.905	N	95.142	E	120	*	4.5		1.2	27	MYANMAR
	06	02 53 09.2&	64.552	N	153.544	W	20	G				25	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	02 56 47.9	12.658	N	125.211	E	33	N	5.1	4.7	1.0	124	SAMAR, PHILIPPINE ISLANDS
	06	04 02 19.6	43.782	N	6.754	E	10	G			0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
	06	04 27 51.4?	8.37	S	80.02	W	33	N	4.4		0.9	15	OFF COAST OF NORTHERN PERU
	06	05 03 32.4?	23.21	S	66.10	W	200	G	4.5		0.7	6	JUJUY PROVINCE, ARGENTINA
	06	05 54 26.9?	32.76	S	178.95	W	33	N	4.2		1.0	8	SOUTH OF KERMADEC ISLANDS
	06	06 00 59.7	12.420	N	125.382	E	33	N	4.6		0.9	23	SAMAR, PHILIPPINE ISLANDS
	06	06 10 18.6*	12.623	N	125.014	E	33	N	4.5		1.0	17	SAMAR, PHILIPPINE ISLANDS
	06	06 28 10.5&	61.198	N	149.783	W	40					52	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	06	07 07 39.8&	36.866	N	4.307	W	70	G			0.3	7	STRAIT OF GIBRALTAR
	06	07 28 44.4&	63.067	N	149.827	W	92					43	CENTRAL ALASKA. <AEIC>.

	06	07	51	35.0&	47.000	N	66.600	W	5	G	3.9		8	NEW BRUNSWICK, CANADA. <OTT-P>. mbLg 3.9 (OTT).
	06	08	25	25.6?	42.54	N	147.16	E	33	N	4.4	1.1	8	OFF COAST OF HOKKAIDO, JAPAN
	06	08	47	32.6?	14.93	S	174.59	W	33	N	4.1	1.2	14	SAMOA ISLANDS REGION
	06	08	52	28.7?	19.87	S	67.49	W	250	G	4.2	0.8	8	SOUTHERN BOLIVIA
	06	09	16	02.6*	32.188	S	70.031	W	120	G		0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	06	09	44	48.6%	35.424	N	3.644	W	5	G		0.9	9	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	06	10	10	48.8*	6.427	S	154.480	E	139	*	4.3	1.2	19	SOLOMON ISLANDS
	06	10	52	14.5*	12.246	N	125.373	E	33	N	4.2	0.6	7	SAMAR, PHILIPPINE ISLANDS
	06	10	55	42.6*	12.206	N	125.224	E	33	N	4.3	0.7	10	SAMAR, PHILIPPINE ISLANDS
	06	11	00	45.3*	34.637	S	70.123	W	5	G		0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	06	11	26	12.0*	29.819	S	71.256	W	33	N		0.6	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	06	11	50	05.8?	28.64	S	71.89	W	33	N		0.6	15	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	06	12	46	33.7&	40.392	N	123.678	W	28		3.3		37	NORTHERN CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.5 (BRK).
	06	12	47	08.3	12.605	N	125.131	E	33	N	4.3	0.7	21	SAMAR, PHILIPPINE ISLANDS
	06	12	51	19.7%	31.618	S	71.697	W	33	N		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	06	12	51	51.5	11.803	N	125.880	E	33	N	4.5	0.6	18	SAMAR, PHILIPPINE ISLANDS
	06	13	00	07.8?	36.90	S	178.78	E	33	N	4.2	1.3	13	OFF E. COAST OF N. ISLAND, N.Z.
	06	14	01	11.8?	24.97	S	179.44	E	582	?	4.4	1.0	18	SOUTH OF FIJI ISLANDS
	06	14	08	01.2%	47.299	N	0.476	W	10	G		0.5	5	FRANCE. ML 2.0 (LDG).
	06	14	30	02.2?	4.74	N	128.06	E	33	N	4.0	0.5	6	NORTH OF HALMAHERA, INDONESIA
	06	16	20	13.6	20.770	N	146.936	E	39	*	4.4	1.0	35	MARIANA ISLANDS REGION
	06	16	25	54.5?	32.19	S	178.12	W	100	G	4.4	1.0	10	SOUTH OF KERMADEC ISLANDS
	06	16	35	55.7?	12.57	N	125.50	E	33	N	4.1	1.1	7	SAMAR, PHILIPPINE ISLANDS
	06	17	13	41.4*	2.940	S	121.795	E	33	N	3.6	0.8	6	SULAWESI, INDONESIA
	06	17	33	36.7*	9.023	N	126.831	E	33	N	4.5	1.1	17	MINDANAO, PHILIPPINE ISLANDS
	06	17	47	44.7	22.069	S	67.206	W	187	*	4.7	1.1	26	CHILE-BOLIVIA BORDER REGION
	06	18	46	41.3	12.668	N	125.332	E	33	N	4.6	1.0	29	SAMAR, PHILIPPINE ISLANDS
	06	18	54	58.0&	62.514	N	151.116	W	78				66	CENTRAL ALASKA. <AEIC>.
	06	18	59	10.7?	11.71	N	124.39	E	33	N	4.3	1.6	8	LEYTE, PHILIPPINE ISLANDS
	06	19	12	34.7&	63.033	N	151.064	W	121				47	CENTRAL ALASKA. <AEIC>.
	06	19	24	23.2?	51.30	N	15.99	E	10	G		1.6	6	POLAND. ML 2.5 (MOX).
	06	19	29	59.4	38.663	N	7.931	W	10	G		1.1	19	PORTUGAL. mbLg 3.0 (MDD). Felt (IV) at Montemor-o-Novo. Also felt (IV) in the Evora area.
	06	19	34	59.7	51.627	N	16.209	E	10	G	3.7	0.9	25	POLAND. ML 3.5 (MOX), 3.5 (VIE).
	06	19	37	41.3&	59.501	N	153.359	W	102		3.0		70	SOUTHERN ALASKA. <AEIC>.
	06	19	37	46.1?	12.41	N	124.88	E	33	N	4.1	1.4	8	SAMAR, PHILIPPINE ISLANDS
	06	19	39	20.3?	20.81	N	146.79	E	33	N	3.9	1.3	11	MARIANA ISLANDS REGION
	06	19	51	15.3	20.764	N	146.983	E	35	D	4.4 4.3	0.9	69	MARIANA ISLANDS REGION
	06	20	45	55.6*	25.326	N	109.394	W	10	G	4.8 4.5	1.3	33	GULF OF CALIFORNIA
	06	20	56	19.1	20.710	N	146.958	E	37	D	4.4	1.0	34	MARIANA ISLANDS REGION
a	06	20	59	03.2	17.039	S	66.945	E	10	G	4.9 4.8	0.9	96	MAURITIUS-REUNION REGION. Mw 5.3 (HRV).
	06	20	59	07.6*	37.105	N	22.036	E	5	G		1.1	6	SOUTHERN GREECE. MD 2.9 (ATH).
	06	21	44	25.9?	35.95	N	70.95	E	95	?	4.2	1.1	27	HINDU KUSH REGION, AFGHANISTAN
	06	22	42	34.5&	49.374	N	116.741	W	10	G			17	BRITISH COLUMBIA, CANADA. <PGC-P>. ML 2.7 (PGC).
	06	23	08	52.2*	12.585	N	125.330	E	33	N	4.3	1.2	17	SAMAR, PHILIPPINE ISLANDS
	07	00	12	38.4*	40.562	N	23.596	E	10	G		0.3	5	GREECE. MD 3.1 (ATH).
	07	00	43	19.1?	35.36	S	70.68	W	5	G		0.9	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	07	00	54	46.7%	34.374	S	70.510	W	10	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	07	01	58	03.6*	5.973	S	117.854	E	33	N	4.0	0.7	7	JAVA SEA
	07	02	19	47.5	44.477	N	7.271	E	5	G		0.6	15	NORTHERN ITALY. ML 2.0 (GEN), 1.7 (LDG).
	07	03	36	19.3*	33.942	S	71.276	W	60	G		0.3	7	NEAR COAST OF CENTRAL CHILE
	07	04	16	08.4	12.049	N	125.782	E	33	N	4.8 4.4	0.9	75	SAMAR, PHILIPPINE ISLANDS
	07	04	41	23.8*	0.265	N	126.874	E	33	N	4.2	0.7	14	NORTHERN MOLUCCA SEA
	07	04	41	24.1%	33.756	S	70.522	W	100	G		0.5	10	CHILE-ARGENTINA BORDER REGION
	07	05	10	47.2?	6.68	S	127.46	E	425	?	4.3	0.9	9	BANDA SEA
	07	05	15	02.1	40.103	N	142.652	E	41	D	4.7 4.2	0.9	72	NEAR EAST COAST OF HONSHU, JAPAN
	07	05	15	28.4	40.139	N	19.850	E	5	G		1.4	15	ALBANIA. MD 3.1 (ATH). ML 3.0 (TIR).
	07	06	14	57.5?	29.63	N	42.61	W	10	G	3.7	1.4	6	NORTHERN MID-ATLANTIC RIDGE
	07	06	41	23.3	10.344	N	62.425	W	42		4.0 3.8	1.2	34	NEAR COAST OF VENEZUELA. MD 4.2 (TRN).
	07	07	16	05.8	20.420	N	109.414	E	10	G	4.2	1.0	35	SOUTHEASTERN CHINA
	07	07	31	33.9*	0.833	N	126.479	E	33	N	4.7	1.0	22	NORTHERN MOLUCCA SEA
	07	07	44	24.1*	44.213	N	147.781	E	33	N	3.9	1.1	17	KURIL ISLANDS
	07	09	00	46.1	9.253	S	71.244	W	604	D	4.4	0.8	110	PERU-BRAZIL BORDER REGION
	07	09	26	26.1	40.513	N	23.718	E	10	G		1.2	22	GREECE. MD 3.5 (ATH).
	07	09	40	42.6%	34.076	S	71.200	W	60	G		0.1	8	NEAR COAST OF CENTRAL CHILE
	07	09	49	13.5	11.617	N	125.829	E	33	N	4.6 4.1	1.1	54	SAMAR, PHILIPPINE ISLANDS
	07	09	54	32.4	11.603	N	125.740	E	33	N	4.5	0.9	38	SAMAR, PHILIPPINE ISLANDS
	07	10	11	46.3*	15.706	S	179.606	W	433	*	4.3	0.7	21	FIJI ISLANDS REGION
	07	10	48	58.9*	18.988	S	166.875	E	10	G	4.1	1.1	20	VANUATU ISLANDS REGION
	07	10	58	48.2?	47.77	N	153.24	E	33	N	4.4	1.2	14	KURIL ISLANDS
	07	11	03	33.0&	33.905	N	116.288	W	11		4.4 4.3		161	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 5.0 (BRK). Felt (V) at Hemet and Rancho Mirage; (IV) at Bonsall, Calimesa, Cathedral City, Coachella, Escondido, Indio, La Quinta, Pauma Valley, Pioneertown, Rancho Cucamonga, Salton City, San Marcos and Thermal. Felt in Imperial, Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
	07	11	23	16.7?	32.27	S	179.35	W	200	G	3.9	0.8	10	SOUTH OF KERMADEC ISLANDS
	07	12	55	38.6?	53.92	N	164.81	W	33	N	4.3	1.6	12	UNIMAK ISLAND REGION
	07	13	22	16.2?	7.18	S	129.36	E	150	G	4.0	1.1	9	BANDA SEA
	07	13	31	09.3%	34.733	S	72.599	W	20	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	07	14	06	27.8*	47.400	N	11.272	E	10	G		0.9	5	AUSTRIA. ML 1.8 (FUR), 1.6 (VIE).
	07	14	15	00.2?	18.50	N	146.47	E	87	?	4.3	1.1	14	MARIANA ISLANDS
	07	14	19	01.3	12.435	N	125.620	E	33	N	4.6 4.5	0.8	28	SAMAR, PHILIPPINE ISLANDS
	07	14	21	29.0	44.207	N	147.324	E	78	*	3.9	0.6	24	KURIL ISLANDS
	07	14	50	01.5*	21.589	S	68.173	W	138	?	4.4	1.3	29	CHILE-BOLIVIA BORDER REGION
	07	14	55	02.3?	0.95	N	127.28	E	33	N	4.0	1.1	7	HALMAHERA, INDONESIA
	07	15	16	54.9?	9.38	N	103.98	W	10	G	3.9 3.9	1.6	7	OFF COAST OF MEXICO
	07	15	19	26.5?	36.61	N	139.70	E	150	G	4.1	0.7	6	EASTERN HONSHU, JAPAN
	07	16	30	57.3?	34.28	S	71.97	W	33	N		1.2	18	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	07	16	33	08.3?	34.25	S	72.19	W	10	G		0.6	7	NEAR COAST OF CENTRAL CHILE
	07	16	47	32.6?	12.53	N	125.11	E	33	N	4.0	0.7	11	SAMAR, PHILIPPINE ISLANDS
	07	17	00	04.1%	45.227	N	6.990	E	5	G		0.5	5	FRANCE. ML 2.2 (GEN).

	07	17	58	46.1	36.463	N	71.224	E	224	*	4.0		0.8	54	AFGHANISTAN-TAJIKISTAN BORD REG.
	07	18	00	00.2	12.633	N	125.351	E	33	N	4.6	4.2	1.0	74	SAMAR, PHILIPPINE ISLANDS
	07	18	12	39.0?	17.94	S	175.26	W	200	G	4.2		1.1	9	TONGA ISLANDS
	07	18	45	26.2	44.756	N	114.740	W	5	G			0.7	10	WESTERN IDAHO. ML 3.1 (BUT).
	07	19	26	41.2	24.289	S	67.060	W	179		4.2		1.4	36	CHILE-ARGENTINA BORDER REGION
	07	19	59	08.9?	52.24	N	171.11	W	33	N	3.9		0.8	7	FOX ISLANDS, ALEUTIAN ISLANDS
	07	20	40	54.7	12.357	N	125.692	E	33	N	4.7	4.4	1.1	80	SAMAR, PHILIPPINE ISLANDS
	07	20	55	22.1?	6.34	N	82.17	W	33	N	3.8		1.3	6	SOUTH OF PANAMA. MD 4.3 (UPA).
	07	20	57	54.7?	17.85	S	178.49	W	560	?	3.9		0.9	10	FIJI ISLANDS REGION
	07	21	21	51.5?	31.43	S	68.35	W	100	G			1.2	10	SAN JUAN PROVINCE, ARGENTINA
	07	21	37	48.5?	34.29	S	72.26	W	10	G			0.9	11	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	07	21	39	44.9&	61.673	N	150.109	W	44					18	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	22	05	26.9&	33.905	N	116.297	W	9					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt in the Palm Springs area.
a	07	22	38	28.1	15.420	S	173.266	W	21	G	5.3	5.7	1.0	179	TONGA ISLANDS. Mw 5.9 (GS), 6.0 (HRV). Ms 5.6 (BRK). Mo=1.4*10**18 Nm (PPT). Felt (III) at Apia, Western Samoa. Depth from broadband displacement seismograms.
	07	22	41	41.0?	34.47	S	70.43	W	10	G			0.8	8	CHILE-ARGENTINA BORDER REGION
	07	22	59	28.5?	34.26	S	72.39	W	20	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	07	23	02	58.7?	34.25	S	72.41	W	20	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	07	23	05	52.1?	32.52	S	179.98	W	350	G	3.9		1.1	11	SOUTH OF KERMADEC ISLANDS
	07	23	48	41.9*	15.065	S	173.355	W	33	N	4.5		0.5	12	TONGA ISLANDS
	08	02	37	38.3*	21.018	S	68.640	W	148	*	3.7		0.6	9	CHILE-BOLIVIA BORDER REGION
	08	03	09	39.0&	63.108	N	150.682	W	117					55	CENTRAL ALASKA. <AEIC>.
	08	03	23	35.3*	44.004	N	150.272	E	33	N	4.8		0.9	53	EAST OF KURIL ISLANDS
a	08	03	29	12.0	18.051	S	168.464	E	171		5.4		0.8	222	VANUATU ISLANDS. Mw 5.3 (HRV).
	08	03	36	57.0	44.523	N	149.944	E	33	N	4.9	4.2	0.9	73	KURIL ISLANDS
	08	04	05	01.0*	8.121	S	117.730	E	33	N	4.0		1.1	5	SUMBAWA REGION, INDONESIA
	08	05	11	06.6	38.282	N	22.364	E	10	G	4.6		1.1	118	GREECE. ML 4.7 (TIR), 4.4 (TTG), 4.0 (ATH). Felt in Akhaia.
	08	05	20	28.3?	29.32	N	104.01	E	33	N	4.3		1.8	5	SICHUAN, CHINA
	08	07	01	43.2*	7.022	N	73.077	W	168	?			1.3	12	NORTHERN COLOMBIA
	08	09	12	44.0	44.382	N	7.343	E	10	G			0.7	14	NORTHERN ITALY. ML 2.4 (GEN), 1.7 (LDG).
	08	10	11	10.0?	6.05	S	147.64	E	76	*	4.3		1.0	8	EASTERN NEW GUINEA REG., P.N.G.
	08	10	49	50.5?	34.20	S	68.99	W	33	N			1.1	12	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	08	12	06	36.8*	20.157	S	173.547	W	33	N	4.9	4.5	1.3	60	TONGA ISLANDS
	08	13	00	33.1?	18.10	N	101.66	W	140	*	4.0		1.8	12	GUERRERO, MEXICO
	08	13	27	49.0?	42.79	N	0.51	E	5	G			1.9	5	PYRENEES. ML 2.4 (LDG).
	08	13	32	14.8	43.073	N	0.120	E	15	G			1.0	24	FRANCE. ML 3.4 (LDG). mbLg 3.4 (MDD). Felt in the Pyrenees.
	08	14	15	55.5&	57.157	N	152.627	W	4		4.1			53	KODIAK ISLAND REGION. <AEIC>. ML 3.8 (AEIC), 4.2 (PMR).
	08	14	27	23.0	32.696	S	71.568	W	20	G			0.7	15	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	08	14	34	32.1	27.983	N	139.506	E	472	*	4.5		0.9	60	BONIN ISLANDS REGION
	08	14	46	35.3	12.196	N	125.686	E	33	N	5.1	4.3	1.0	84	SAMAR, PHILIPPINE ISLANDS
	08	14	50	57.4*	7.073	N	77.433	W	33	N	4.1		0.8	6	PANAMA-COLOMBIA BORDER REGION. MD 4.5 (UPA).
	08	15	08	51.3?	8.38	N	82.83	W	10	G			0.6	4	PANAMA-COSTA RICA BORDER REGION. MD 3.7 (UPA).
	08	15	15	23.1	43.113	N	0.171	E	15	G			0.8	11	FRANCE. ML 3.1 (LDG). mbLg 3.1 (MDD). Felt (III) in the Bigorre region.
	08	16	52	06.0*	20.851	N	121.502	E	97	*	4.3		0.9	17	PHILIPPINE ISLANDS REGION
	08	17	21	43.2&	63.276	N	151.049	W	14					44	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).
	08	17	28	24.1*	38.885	N	20.147	E	10	G			1.0	9	GREECE. MD 3.3 (ATH).
a	08	17	40	23.2	43.856	N	148.342	E	21	G	5.7	5.1	0.8	356	EAST OF KURIL ISLANDS. Mw 5.1 (GS), 5.1 (HRV). Depth from broadband displacement seismograms.
	08	17	40	53.7	43.838	N	148.327	E	33	N	5.5		0.7	65	EAST OF KURIL ISLANDS
	08	18	05	10.0	11.529	N	126.059	E	36	D	5.5		1.0	163	PHILIPPINE ISLANDS REGION
	08	18	07	29.4	11.514	N	125.911	E	33	N	5.3		1.2	68	SAMAR, PHILIPPINE ISLANDS
a	08	18	08	06.2	11.465	N	125.962	E	12	G	5.7	6.2	1.1	68	SAMAR, PHILIPPINE ISLANDS. Mw 6.3 (GS), 6.4 (HRV). Ms 6.1 (BRK). Mo=6.3*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	08	18	17	26.2%	42.088	N	19.314	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	08	18	19	45.3&	38.681	N	118.434	W	9					67	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.6 (GS), 3.8 (BRK). Mo=5.1*10**14 Nm (BRK).
	08	18	32	30.5	11.385	N	125.991	E	33	N	4.7		1.0	32	SAMAR, PHILIPPINE ISLANDS
	08	18	37	33.7	33.329	N	103.592	E	33	N	4.7		1.2	62	GANSU, CHINA. ML 4.9 (BJI).
	08	18	55	42.7	11.368	N	125.929	E	33	N	4.6		1.1	36	SAMAR, PHILIPPINE ISLANDS
	08	18	58	26.8*	11.336	N	125.858	E	33	N	4.5		0.9	12	SAMAR, PHILIPPINE ISLANDS
	08	19	12	42.0	11.417	N	125.952	E	33	N	4.9		1.0	57	SAMAR, PHILIPPINE ISLANDS
	08	19	36	40.4	11.539	N	126.004	E	33	N	5.1		1.0	87	PHILIPPINE ISLANDS REGION
	08	20	20	44.5?	11.32	N	125.96	E	33	N	4.3		0.6	8	SAMAR, PHILIPPINE ISLANDS
	08	21	37	33.3	11.330	N	125.878	E	33	N	4.7	4.0	1.0	55	SAMAR, PHILIPPINE ISLANDS
	08	21	53	57.8	6.866	S	147.953	E	56	?	4.0		1.4	8	EASTERN NEW GUINEA REG., P.N.G.
	08	22	06	10.8*	11.312	N	125.704	E	33	N	4.6		0.5	12	SAMAR, PHILIPPINE ISLANDS
	08	22	33	30.4*	31.769	S	68.559	W	100	G			0.8	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	08	22	55	56.0%	33.929	S	70.498	W	15	G			0.2	7	CHILE-ARGENTINA BORDER REGION
	08	22	58	14.7%	33.933	S	70.499	W	15	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	08	23	04	53.8?	44.64	N	8.41	E	10	G			0.0	4	NORTHERN ITALY. ML 1.8 (GEN).
	08	23	14	51.3*	11.585	N	126.091	E	33	N	4.4	4.3	1.0	15	PHILIPPINE ISLANDS REGION
	08	23	25	37.5	24.839	N	95.059	E	118		4.7		0.8	98	MYANMAR
	08	23	56	17.2	36.563	N	5.431	W	5	G			0.6	7	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	09	00	05	57.5*	11.633	N	126.417	E	33	N	4.4	4.3	1.6	18	PHILIPPINE ISLANDS REGION
	09	00	42	46.8%	17.777	N	66.711	W	10	G			0.6	6	PUERTO RICO REGION
	09	01	03	51.1	22.922	N	121.488	E	33	N	4.4		1.1	38	TAIWAN REGION
	09	01	14	37.2	40.802	N	20.754	E	10	G	4.8	4.2	1.1	167	GREECE-ALBANIA BORDER REGION. ML 4.8 (ATH), 4.6 (TTG). Felt (V) at Bitola and Resen, (IV) at Ohrid and Struga and (III) at Skopje, former Yugoslav Republic of Macedonia. Felt strongly at Florina, Greece. Also felt at Edhessa and Kastoria, Greece.
	09	01	22	37.8	40.700	N	20.848	E	10	G			1.2	19	GREECE-ALBANIA BORDER REGION. ML 3.6 (TTG). MD 3.4 (ATH).
	09	01	38	30.9&	63.510	N	151.252	W	12					39	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	09	01	41	06.2*	40.732	N	20.781	E	10	G	4.1		1.5	47	GREECE-ALBANIA BORDER REGION. MD 4.1 (TTG), 3.9 (ATH). ML 4.0 (TIR).
	09	01	50	01.9	40.800	N	20.876	E	10	G			1.3	19	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 3.2

														(TTG).
	09	02	10	13.8	40.724	N	20.804	E	10	G		1.4	20	GREECE-ALBANIA BORDER REGION. ML 3.8 (TTG). MD 3.5 (ATH).
	09	02	19	18.5	40.781	N	20.899	E	10	G		1.2	22	GREECE-ALBANIA BORDER REGION. ML 3.3 (TTG), 3.0 (TIR). MD 3.0 (ATH).
	09	03	45	02.9	40.750	N	20.920	E	10	G		1.0	18	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 2.9 (TTG).
	09	03	49	06.1?	40.88	N	20.80	E	10	G		1.2	11	GREECE-ALBANIA BORDER REGION. ML 2.8 (TTG).
	09	04	06	02.1	46.339	N	12.958	E	5	G		1.1	15	NORTHERN ITALY. ML 2.5 (VIE), 2.2 (LJU). MD 2.4 (TRI).
	09	06	43	00.9*	8.644	S	111.104	E	76	*	4.5	1.2	22	JAWA, INDONESIA
	09	07	25	25.4&	59.557	N	152.198	W	60				14	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	09	07	58	33.5	36.577	N	5.301	W	10	G		1.2	17	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	09	08	25	35.0	6.794	N	73.112	W	121	*	4.1	1.3	18	NORTHERN COLOMBIA
	09	09	07	17.4*	2.938	S	130.827	E	10	G	4.6	1.5	14	SERAM, INDONESIA
	09	09	21	52.6?	25.74	S	70.86	W	122	?	4.8	1.3	14	NEAR COAST OF NORTHERN CHILE
	09	09	24	39.3	40.776	N	20.937	E	10	G		1.1	16	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.8 (TTG).
	09	09	36	38.5*	22.632	N	120.420	E	33	N	4.3	0.7	6	TAIWAN
	09	09	38	24.2*	63.526	N	8.520	E	10	G		1.8	6	SOUTHERN NORWAY. MD 2.2 (BER).
a	09	09	54	20.1	25.290	N	95.155	E	92	D	5.2	0.9	239	MYANMAR-INDIA BORDER REGION. Mw 5.2 (HRV). Felt in northeastern India.
	09	10	13	23.8?	9.46	N	80.96	W	33	N		0.1	4	PANAMA. MD 4.0 (UPA).
	09	10	24	06.4	11.850	N	125.919	E	33	N	4.5 4.2	1.0	23	SAMAR, PHILIPPINE ISLANDS
	09	10	52	13.8%	44.735	N	7.479	E	10	G		0.3	5	NORTHERN ITALY. ML 2.2 (LDG).
	09	11	00	29.8?	32.40	S	70.72	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	09	11	40	30.9	45.288	N	14.576	E	10	G		1.1	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU).
	09	12	03	15.2?	60.46	N	5.33	E	10	G		0.2	4	SOUTHERN NORWAY. MD 1.5 (BER).
a	09	12	29	57.6	53.973	S	134.304	W	10	G	5.4 5.7	1.1	65	PACIFIC-ANTARCTIC RIDGE. Mw 5.9 (HRV). Mo=2.2*10**18 Nm (PPT).
	09	12	59	06.6%	42.562	N	18.475	E	10	G		0.1	5	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	09	14	29	21.2*	12.691	N	125.182	E	33	N	4.7	1.0	31	SAMAR, PHILIPPINE ISLANDS
	09	14	31	46.1*	3.262	N	84.134	W	33	N	4.6	1.0	28	OFF COAST OF CENTRAL AMERICA
	09	14	32	50.6*	31.351	S	68.683	W	100	G		1.2	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	09	14	39	15.4	43.435	N	146.246	E	77	*	4.7	0.7	64	KURIL ISLANDS
	09	14	42	51.0%	32.665	S	70.805	W	70	G		0.2	10	CHILE-ARGENTINA BORDER REGION
	09	14	48	54.4&	63.266	N	151.065	W	14				17	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	15	20	57.9	32.528	S	67.481	W	10	G	4.6	1.1	26	MENDOZA PROVINCE, ARGENTINA
	09	15	36	38.1&	59.932	N	153.151	W	113				26	SOUTHERN ALASKA. <AEIC>.
a	09	16	10	07.4	7.354	N	123.754	E	33	N	5.0 4.5	1.1	83	MINDANAO, PHILIPPINE ISLANDS. Mw 5.1 (HRV).
	09	16	42	07.9?	57.94	S	149.57	E	10	G	3.7	1.1	6	WEST OF MACQUARIE ISLAND
	09	18	10	47.8	60.544	N	5.101	E	10	G		0.5	8	SOUTHERN NORWAY. MD 1.9 (BER).
	09	19	26	54.3?	8.82	N	83.65	W	20	G		0.3	4	COSTA RICA. MD 4.4 (UPA).
	09	20	39	06.1	33.616	N	132.298	E	74		4.4	0.6	13	SHIKOKU, JAPAN
	09	20	58	43.6	31.323	S	68.951	W	100	G		0.9	19	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	09	21	14	12.2?	51.48	N	16.00	E	10	G		1.0	6	POLAND. ML 2.6 (MOX).
	09	21	41	47.7*	2.219	N	128.605	E	100	G	4.3	0.7	5	HALMAHERA, INDONESIA
	09	23	37	45.0	45.254	N	6.571	E	10	G		0.1	7	FRANCE. ML 2.0 (GEN), 2.0 (LDG).
a	09	23	50	09.5	13.619	N	144.589	E	101	D	4.9	1.1	51	MARIANA ISLANDS. Mw 5.1 (HRV). Felt (V) at Agat and Chalan Pago, Guam. Felt throughout Guam.
	10	00	39	37.2	12.547	N	125.214	E	33	N	4.8 4.7	1.1	51	SAMAR, PHILIPPINE ISLANDS
	10	00	47	05.1?	49.72	N	18.68	E	10	G		1.5	5	CZECH AND SLOVAK REPUBLICS
	10	00	51	01.7?	24.17	N	95.42	E	100	G	3.8	0.8	14	MYANMAR
	10	01	28	16.3?	1.38	N	126.42	E	103	?	4.6	1.7	11	NORTHERN MOLUCCA SEA
	10	01	49	08.4*	1.290	S	97.494	E	25	D	4.6 4.3	1.4	35	SOUTHWEST OF SUMATERA, INDONESIA
	10	02	39	39.9*	23.127	S	68.852	W	33	N	4.5	1.2	10	NORTHERN CHILE
	10	03	39	39.6%	44.189	N	6.648	E	10	G		0.5	7	FRANCE. ML 2.0 (LDG).
	10	03	57	36.1?	17.14	N	101.53	W	10	G		1.1	7	NEAR COAST OF GUERRERO, MEXICO
	10	04	08	06.1	51.582	N	166.640	W	10	G	4.8	0.9	75	SOUTH OF ALEUTIAN ISLANDS
	10	06	29	18.5*	35.125	S	107.577	W	10	G	4.7	1.2	23	SOUTHERN EAST PACIFIC RISE
	10	08	29	51.5%	46.560	N	3.536	E	10	G		0.5	9	FRANCE. ML 2.3 (LDG).
	10	08	45	47.1&	38.824	N	122.777	W	4				33	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	10	10	07	42.0*	37.618	N	72.122	E	33	N	4.4	0.6	15	TAJIKISTAN
	10	10	15	43.6?	43.61	N	147.08	E	33	N	4.3	1.3	4	KURIL ISLANDS
	10	13	30	29.3?	34.52	S	70.35	W	5	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	10	14	12	57.2?	35.38	S	71.33	W	100	G		0.3	11	CENTRAL CHILE. MD 3.3 (SAN).
	10	14	27	57.2%	32.941	S	70.571	W	90	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	10	14	46	50.7?	32.69	S	71.53	W	70	G		0.7	10	NEAR COAST OF CENTRAL CHILE. MD 2.1 (SAN).
	10	17	04	17.6?	12.15	N	89.86	W	33	N	4.6 3.6	1.0	22	OFF COAST OF CENTRAL AMERICA. MD 4.0 (SSS). Felt (II) at Ahuachapan, El Salvador.
	10	18	41	44.1	7.246	S	129.269	E	167	*	4.5	1.3	30	BANDA SEA
	10	19	01	12.4	8.327	S	112.913	E	143		5.0	0.9	39	JAWA, INDONESIA
	10	19	27	17.4?	34.52	S	70.38	W	10	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	10	20	12	56.3&	65.924	N	151.039	W	28				17	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	10	20	13	24.5&	65.830	N	151.147	W	30				11	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	10	21	32	30.9	43.225	N	18.010	E	10	G		0.9	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	10	21	49	28.0	38.928	N	20.144	E	10	G		1.4	24	GREECE. ML 3.4 (TTG). MD 3.3 (ATH).
	10	22	09	08.7*	27.299	N	128.947	E	33	N	4.2	1.1	20	RYUKYU ISLANDS
	10	22	15	31.7	38.914	N	20.258	E	10	G	3.1	1.5	30	GREECE. ML 3.7 (ROM), 3.4 (TTG).
	10	22	25	26.3	43.209	N	17.986	E	10	G		0.9	10	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	10	22	45	56.4	37.850	N	20.799	E	10	G	4.2	1.3	91	IONIAN SEA. ML 4.4 (ROM), 4.2 (ATH).
	10	23	02	28.1	46.112	N	6.733	E	5	G		0.7	14	SWITZERLAND. ML 2.4 (LDG).
a	10	23	21	30.4	11.519	N	126.117	E	33	N	4.9 4.7	1.1	68	PHILIPPINE ISLANDS REGION. Mw 5.2 (HRV).
	11	00	02	00.6	11.642	N	125.794	E	33	N	4.5	0.5	20	SAMAR, PHILIPPINE ISLANDS
	11	01	09	22.7*	32.650	S	71.848	W	33	N		0.9	13	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	11	02	26	35.9?	14.50	S	167.43	E	33	N	4.6	1.5	36	VANUATU ISLANDS
	11	02	27	20.7	25.757	S	69.392	E	10	G	5.0	0.7	41	SOUTH INDIAN OCEAN
	11	05	34	43.3?	33.87	S	69.87	W	5	G		0.9	9	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	11	06	28	52.7?	31.10	S	69.08	W	120	G		0.8	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	11	07	53	24.8	40.689	N	20.908	E	10	G		1.4	17	GREECE-ALBANIA BORDER REGION. ML 3.0 (TTG), 2.7 (SKO).
	11	09	06	40.0*	40.680	N	20.958	E	10	G		1.6	16	GREECE-ALBANIA BORDER REGION. ML 3.1 (TTG), 3.1 (TIR), 2.9 (SKO).
	11	09	19	37.3	40.729	N	20.911	E	10	G		1.3	19	GREECE-ALBANIA BORDER REGION. ML 3.3 (TTG), 3.0 (TIR), 2.8 (SKO).

	11	11	13	13.4*	17.506	S	167.764	E	33	N	4.2		1.2	13	VANUATU ISLANDS
	11	12	45	39.6&	61.961	N	150.779	W	54					68	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR)
	11	13	25	54.4%	44.725	N	6.786	E	5	G			0.5	7	FRANCE. ML 2.1 (GEN).
	11	13	49	20.4&	20.072	N	155.331	W	23		4.4			71	HAWAII. <HVO-P>. MD 4.5 (HVO). Slight damage (VI) at Honokaa. Felt (V) at Glenwood, Hawi, Hilo, Honokaa, Honomu, Laupahoehoe, Mountain View, Ninole, Ookala, Paauhau, Paauilo, Pahala, Papaikou, Pepeekeo, Volcano and Waimea; (IV) at Hakalau, Holualoa, Kukuihaele and Papaaloa; (III) at Kailua-Kona and Leilani Estates, Hawaii Island. Felt (V) at Hana; (IV) at Makawao and (III) at Kula on Maui. Felt (II) on Oahu.
	11	15	17	16.3%	60.113	N	4.701	E	5	G			0.5	7	SOUTHERN NORWAY. MD 1.9 (BER).
	11	15	55	18.6&	59.708	N	151.441	W	56					41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	11	16	05	30.2?	45.52	N	15.82	E	10	G			0.7	5	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
	11	16	24	21.9&	35.848	N	117.633	W	5					32	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS).
	11	17	46	39.5	41.575	N	81.988	E	14	D	4.8		1.0	94	SOUTHERN XINJIANG, CHINA. ML 5.0 (BJI).
	11	20	02	33.3	44.368	N	7.290	E	10	G			0.3	14	NORTHERN ITALY. ML 2.3 (GEN), 1.8 (LDG).
	11	20	51	22.9%	10.678	N	67.638	W	10	G			0.6	11	NEAR COAST OF VENEZUELA
a	11	21	17	12.4	12.627	N	125.414	E	30	D	4.9	4.7	1.0	61	SAMAR, PHILIPPINE ISLANDS. Mw 5.3 (HRV).
	11	21	48	52.4?	12.62	N	125.43	E	33	N	4.6		0.7	13	SAMAR, PHILIPPINE ISLANDS
a	11	21	59	16.2	20.330	S	178.479	W	599	D	5.1		0.9	203	FIJI ISLANDS REGION. Mw 5.4 (HRV).
	11	22	20	09.2&	38.034	N	118.727	W	9					31	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK), 2.8 (GS).
	11	22	29	17.3?	62.09	N	5.01	E	5	G			0.5	4	SOUTHERN NORWAY. MD 1.5 (BER).
	11	23	10	07.3%	45.240	N	3.830	E	10	G			1.1	18	FRANCE. ML 3.1 (LDG).
	11	23	51	40.3%	32.860	S	70.935	W	70	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
	12	02	44	55.5	40.695	N	20.925	E	10	G			1.3	18	GREECE-ALBANIA BORDER REGION. ML 3.3 (TTG), 2.9 (SKO), 2.8 (TIR).
	12	02	51	44.8	12.270	N	125.504	E	25	D	4.9	4.5	0.8	74	SAMAR, PHILIPPINE ISLANDS
	12	03	09	00.2*	32.508	S	71.189	W	33	N			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	12	03	43	49.0*	23.688	N	100.415	E	33	N	4.8		1.1	59	YUNNAN, CHINA
	12	03	49	26.2	41.963	N	20.247	E	10	G			0.8	13	ALBANIA. ML 2.7 (TTG).
	12	05	10	52.2&	63.288	N	151.124	W	14					37	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
	12	05	23	30.9	40.211	N	138.668	E	26	D	4.6	4.1	0.7	37	EASTERN SEA OF JAPAN
	12	05	47	51.7?	46.15	N	151.93	E	33	N	4.3		0.6	14	KURIL ISLANDS
	12	05	56	35.0?	10.71	N	61.22	W	33	N			0.3	4	TRINIDAD. MD 2.4 (TRN).
	12	06	42	32.4	6.984	S	127.626	E	280	*	4.7		1.1	30	BANDA SEA
	12	07	25	10.8	39.119	N	24.483	E	13				1.2	19	AEGEAN SEA. MD 3.6 (ATH).
	12	08	11	35.2%	44.368	N	7.380	E	10	G			0.8	11	NORTHERN ITALY. ML 2.3 (GEN).
	12	08	41	30.9&	63.277	N	151.072	W	18					43	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	12	08	59	44.6*	31.762	S	70.770	W	100	G			0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	12	09	33	12.2?	11.53	N	125.90	E	33	N	4.3		1.3	11	SAMAR, PHILIPPINE ISLANDS
	12	09	36	11.0*	31.425	N	101.684	E	10	G			0.9	12	SICHUAN, CHINA. ML 4.3 (BJI).
	12	09	44	07.3&	60.122	N	152.558	W	91					85	SOUTHERN ALASKA. <AEIC>. Small precursor about 6 seconds prior to this event.
	12	10	00	23.9?	32.08	N	141.63	E	33	N	4.6		1.0	11	SOUTH OF HONSHU, JAPAN
	12	10	08	48.3?	32.33	S	70.80	W	90	G			0.8	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	12	10	16	28.8?	30.52	S	71.69	W	5	G			0.8	19	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	12	11	00	04.9&	62.934	N	151.090	W	112					45	CENTRAL ALASKA. <AEIC>.
	12	11	25	04.2	43.918	N	148.327	E	36	D	5.1		0.9	157	EAST OF KURIL ISLANDS
	12	12	12	44.9?	22.62	S	170.42	E	33	N	4.2		1.2	18	LOYALTY ISLANDS REGION
	12	12	24	52.6%	34.040	S	71.210	W	60	G			0.4	6	NEAR COAST OF CENTRAL CHILE
	12	12	58	59.8&	60.610	N	150.678	W	11					52	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	12	13	08	06.2&	60.315	N	152.607	W	94					74	SOUTHERN ALASKA. <AEIC>.
	12	13	43	03.4&	40.423	N	124.417	W	10					28	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.6 (GS), 3.3 (BRK).
	12	13	50	38.8	5.187	N	125.393	E	194	*	5.1		0.9	43	MINDANAO, PHILIPPINE ISLANDS
	12	14	34	03.5?	44.28	N	7.75	E	10	G			0.7	6	NORTHERN ITALY. ML 2.2 (LDG).
	12	14	38	09.5%	34.366	S	70.485	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
a	12	15	12	23.2	19.338	S	63.947	W	601	D	5.2		0.9	221	SOUTHERN BOLIVIA. Mw 5.4 (HRV).
	12	16	27	25.3	11.413	N	62.058	W	70	G			0.5	9	WINDWARD ISLANDS. MD 3.8 (TRN).
	12	17	04	17.0%	34.055	S	70.315	W	5	G			0.4	6	CHILE-ARGENTINA BORDER REGION
	12	17	49	02.6	33.210	N	139.533	E	33	N	4.4		1.1	32	SOUTH OF HONSHU, JAPAN
	12	17	51	45.9*	19.832	S	178.028	W	588	?	4.6		1.4	42	FIJI ISLANDS REGION
	12	18	23	34.9%	44.323	N	7.241	E	5	G			0.3	11	NORTHERN ITALY. ML 2.0 (GEN).
	12	18	32	51.8*	20.392	S	68.310	W	136	D	4.6		1.3	24	CHILE-BOLIVIA BORDER REGION
	12	19	36	53.1	43.690	N	147.337	E	33	N	5.1	4.5	0.8	122	KURIL ISLANDS
	12	19	48	19.9?	5.96	S	147.99	E	117	*	3.8		0.7	7	EASTERN NEW GUINEA REG., P.N.G.
	12	20	04	26.1*	27.486	N	57.423	E	33	N	4.0		1.0	12	SOUTHERN IRAN
	12	21	04	51.3*	35.674	N	80.673	E	33	N	3.9		1.3	19	KASHMIR-XIZANG BORDER REGION
	12	21	24	57.0*	41.711	N	82.116	E	33	N	4.5		1.4	24	SOUTHERN XINJIANG, CHINA. ML 4.2 (BJI).
	12	22	00	33.2?	47.15	N	10.75	E	10	G			0.3	6	AUSTRIA. ML 2.1 (VIE).
	12	22	01	00.1%	33.164	S	70.318	W	5	G			0.4	9	CHILE-ARGENTINA BORDER REGION
	12	22	26	07.0*	19.285	S	67.004	W	237	*	4.5		0.9	21	SOUTHERN BOLIVIA
	12	23	33	49.9*	43.989	N	126.014	W	10	G	2.5		0.8	43	OFF COAST OF OREGON
	12	23	50	39.2	43.487	N	127.382	W	10	G	2.9		0.6	84	OFF COAST OF OREGON
	13	00	12	58.7?	34.61	S	71.13	W	70	G			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 2.7 (SAN).
	13	00	56	49.0%	44.781	N	7.673	E	10	G			0.8	11	NORTHERN ITALY. ML 2.0 (GEN).
	13	01	25	44.3*	33.394	N	141.553	E	33	N	4.1		1.1	12	OFF EAST COAST OF HONSHU, JAPAN
	13	01	52	51.8?	34.06	S	72.27	W	5	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	13	02	20	47.8?	22.61	S	175.62	W	181	?	4.3		0.9	12	TONGA ISLANDS REGION
	13	02	24	59.4%	42.559	N	18.959	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	13	02	25	22.1&	33.976	N	116.974	W	15					49	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS). Felt (IV) at March Air Force Base.
	13	04	30	12.0	51.545	N	16.088	E	10	G	4.0		0.5	16	POLAND. ML 3.6 (VIE), 3.4 (FUR).
	13	05	32	19.5	12.023	N	125.800	E	26	D	5.0	4.6	0.9	49	SAMAR, PHILIPPINE ISLANDS
	13	06	03	40.6	43.575	N	127.473	W	10	G	4.0		0.7	131	OFF COAST OF OREGON
	13	06	08	22.0	43.446	N	147.031	E	33	N	4.7		1.0	39	KURIL ISLANDS
	13	06	31	15.4?	17.19	N	98.35	W	10	G			1.7	5	GUERRERO, MEXICO
	13	06	35	10.7	22.785	N	94.510	E	109	*	4.5		1.4	33	MYANMAR
	13	06	37	15.7?	34.06	S	72.14	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	13	07	20	18.0&	60.163	N	147.426	W	16					84	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 4.1 (PMR).
	13	07	20	43.2	40.678	N	50.592	E	53	D	4.8		1.1	93	CASPIAN SEA

a	13	07	28	20.1*	14.022	S	14.250	W	10	G	4.9	0.8	19	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.0 (HRV).
	13	08	02	51.0?	31.39	S	68.49	W	10	G		1.1	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	13	08	26	17.3?	42.72	N	20.09	E	10	G		1.2	5	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	13	08	42	11.1	40.070	N	21.739	E	10	G	4.1	1.4	23	GREECE. ML 3.9 (TIR), 3.7 (ATH).
	13	08	43	16.4*	40.139	N	21.683	E	10	G	4.3	1.6	58	GREECE. ML 4.5 (TIR), 4.4 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
a	13	08	47	12.7	40.149	N	21.695	E	14	G	6.2 6.6	1.2	580	GREECE. Mw 6.4 (GS), 6.6 (HRV). Ms 6.8 (BRK). ML 6.2 (TTG), 6.1 (ATH). Mo=2.0*10**19 Nm (PPT). Twenty-five people injured and substantial damage in the Grevena-Kozani area. Maximum intensity VIII. The earthquake and aftershocks destroyed 5,000 homes and damaged 7,000 others with a preliminary estimate of 450 million U.S. dollars in damage. Felt in central and northern Greece, including Thessaloniki. Felt (IV-VI) in the former Yugoslav Republic of Macedonia. Felt (III) at Herceg Novi, Podgorica and Ulcinj, Yugoslavia. Surface faulting with about 2-4 cm. of normal displacement was observed in a zone about 15 km. long southwest of the Servia fault. Depth from broadband displacement seismograms.
	13	09	01	10.8?	40.29	N	21.31	E	10	G	3.9	0.4	11	GREECE. ML 4.2 (TIR), 3.7 (TTG).
	13	09	08	01.6?	40.02	N	21.54	E	10	G	4.0	1.0	12	GREECE. ML 3.6 (TIR), 3.6 (TTG).
	13	09	18	36.7*	40.298	N	21.870	E	10	G		1.0	10	GREECE. ML 4.1 (TTG), 3.8 (TIR).
	13	09	28	21.2&	61.106	N	150.559	W	47				44	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	13	09	29	38.5*	40.046	N	21.601	E	10	G	4.6	1.7	29	GREECE. ML 4.4 (TIR), 4.2 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	09	32	48.1*	40.279	N	21.421	E	10	G	3.9	0.4	13	GREECE. ML 3.8 (TTG), 3.6 (TIR).
	13	09	37	06.8*	40.413	N	21.705	E	10	G	3.7	0.3	12	GREECE. ML 3.4 (TTG).
	13	09	47	40.7	40.132	N	21.891	E	10	G	4.5	1.4	60	GREECE. ML 4.4 (ROM), 4.2 (TIR). MD 4.2 (TTG), 4.2 (ATH). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	09	55	26.3	40.142	N	21.773	E	10	G	3.6	1.1	23	GREECE. ML 3.6 (TTG), 3.4 (TIR). MD 3.6 (ATH).
	13	10	11	58.0*	40.214	N	21.725	E	10	G	4.2	1.6	41	GREECE. ML 4.2 (TIR), 4.2 (TTG). MD 4.0 (ATH). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	10	16	01.6	43.152	N	15.158	E	10	G		1.3	84	ADRIATIC SEA. MD 4.5 (TTG), 4.1 (TRI). ML 4.5 (VIE), 4.4 (ZAG), 4.3 (LDG), 3.9 (ROM). Felt at Biograd, Sibenik and Vodice, Croatia.
	13	10	26	14.0*	40.135	N	21.474	E	10	G	3.9	1.2	17	GREECE
	13	10	29	46.6*	40.214	N	21.605	E	10	G	3.4	0.7	5	GREECE
	13	10	33	04.3	40.181	N	21.745	E	10	G	4.3	1.4	49	GREECE. ML 4.6 (ROM), 4.5 (TIR), 4.3 (SKO). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	10	58	34.0	40.046	N	21.565	E	10	G	4.3	1.5	49	GREECE. ML 4.2 (TTG), 4.0 (TIR). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	11	06	02.9*	40.212	N	21.417	E	10	G	3.6	1.1	18	GREECE. ML 3.4 (TIR).
	13	11	22	53.3*	24.693	S	175.695	W	33	N	5.1 4.9	1.1	29	SOUTH OF TONGA ISLANDS
	13	11	43	28.3	40.078	N	21.711	E	10	G	5.0 4.8	1.3	203	GREECE. MD 5.0 (FIR), 4.9 (TTG). ML 4.9 (ROM), 4.5 (TIR). Felt (V) in the former Yugoslav Republic of Macedonia.
	13	11	57	12.8*	10.310	N	92.935	E	33	N	4.8 4.2	1.2	38	ANDAMAN ISLANDS, INDIA
	13	12	12	01.2*	3.674	N	126.230	E	167	*	4.4	1.3	13	TALAUD ISLANDS, INDONESIA
	13	13	27	15.7	33.799	N	139.456	E	17	D	4.5	1.1	47	SOUTH OF HONSHU, JAPAN
	13	13	32	13.9*	40.507	N	21.312	E	10	G	3.4	1.2	6	GREECE
	13	14	16	29.0	40.027	N	21.749	E	10	G	4.4	1.0	30	GREECE. ML 4.1 (TTG), 3.8 (TIR).
	13	14	26	01.9*	39.975	N	22.012	E	10	G	4.0	0.8	31	GREECE. ML 3.9 (TTG).
	13	14	46	46.7?	33.78	S	71.53	W	5	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	15	04	56.7?	40.36	N	21.42	E	10	G	3.4	1.6	6	GREECE
	13	15	25	37.2?	17.88	S	178.26	W	500	G	4.4	0.9	17	FIJI ISLANDS REGION
	13	15	25	40.3*	39.981	N	21.247	E	10	G	4.1	1.3	9	GREECE
	13	16	14	31.1*	40.310	N	21.640	E	10	G	3.1	1.0	7	GREECE
	13	16	23	04.7&	33.891	S	71.217	W	57	?		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.2 (SAN).
a	13	16	23	06.4	5.478	S	147.121	E	194		5.0	0.9	91	EASTERN NEW GUINEA REG., P.N.G. Mw 5.4 (HRV).
	13	16	25	57.5	12.482	N	125.477	E	31	D	4.7 4.4	0.8	36	SAMAR, PHILIPPINE ISLANDS
	13	16	38	36.8*	40.181	N	21.693	E	10	G	3.4	1.5	9	GREECE. ML 3.4 (TIR).
	13	17	10	57.6?	40.24	N	21.58	E	10	G	3.9	1.5	7	GREECE
	13	17	31	19.6*	12.100	N	87.965	W	33	N	4.8	1.2	34	NEAR COAST OF NICARAGUA
	13	17	54	51.8	39.819	N	21.789	E	10	G	4.2	1.3	30	GREECE. ML 4.1 (TIR), 4.1 (TTG).
	13	18	05	58.1	40.041	N	21.594	E	10	G	4.8	1.5	100	GREECE. ML 4.5 (TIR), 4.5 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	18	26	03.5?	40.23	N	21.91	E	10	G	3.6	1.2	6	GREECE. ML 3.6 (TIR).
	13	18	35	38.8*	40.191	N	21.708	E	10	G	3.8	1.6	10	GREECE
	13	18	54	55.0?	39.88	N	21.44	E	10	G	3.8	1.6	9	GREECE. ML 3.5 (TIR).
	13	19	00	13.0*	40.065	N	21.676	E	10	G	4.2	1.4	10	GREECE. ML 3.8 (TIR).
	13	19	00	46.6	39.958	N	21.819	E	10	G	4.7	1.4	76	GREECE. ML 4.6 (TIR), 4.6 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
	13	19	01	31.5*	21.524	S	66.643	W	223	*	4.7	1.3	16	SOUTHERN BOLIVIA
	13	19	29	38.3*	40.244	N	21.729	E	10	G	3.2	1.3	7	GREECE
	13	19	37	11.0	40.189	N	21.818	E	10	G	4.2	1.5	38	GREECE. ML 4.1 (TIR), 4.1 (TTG).
	13	20	29	13.1&	34.637	N	116.664	W	8				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
a	13	21	00	56.1	5.304	S	108.903	E	577	G	5.7	1.0	396	JAVA SEA. Mw 5.8 (GS), 5.9 (HRV). Depth from broadband displacement seismograms.
	13	21	02	18.2*	40.124	N	21.498	E	10	G	3.9	1.4	7	GREECE
	13	21	19	44.2&	59.202	N	153.624	W	100				39	SOUTHERN ALASKA. <AEIC>.
	13	21	35	20.5?	40.42	N	21.72	E	10	G		1.7	6	GREECE
	13	21	40	50.8*	40.220	N	21.718	E	10	G	3.7	1.3	9	GREECE
	13	22	00	41.1?	34.56	S	70.35	W	5	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	13	22	28	58.9*	40.296	N	21.469	E	10	G		1.6	6	GREECE
	13	22	38	47.4	76.812	N	7.663	E	10	G	4.8 4.6	1.0	40	SVALBARD REGION
	13	22	53	02.2*	15.157	S	173.635	W	81	D	4.9	0.9	40	TONGA ISLANDS
	13	23	27	57.7*	40.215	N	21.695	E	10	G	3.9	1.1	8	GREECE
	13	23	45	56.8*	43.271	N	147.509	E	33	N	4.6	0.9	22	KURIL ISLANDS
	13	23	46	57.8*	40.001	N	21.773	E	10	G	4.2	1.3	23	GREECE. MD 4.0 (TTG). ML 3.9 (TIR).
	13	23	53	42.0*	40.069	N	21.564	E	10	G	4.6	1.5	40	GREECE
	13	23	56	25.4	39.999	N	21.624	E	10	G	4.8 4.2	1.4	83	GREECE. ML 4.2 (TIR). Felt (V) in the former Yugoslav

													Republic of Macedonia.
	14	01	02	57.3	40.087	N	21.545	E	10	G	4.3	1.4	68 GREECE. ML 4.2 (TIR).
	14	02	38	55.7	40.140	N	21.543	E	10	G	4.3	1.3	36 GREECE. ML 4.0 (TIR).
	14	02	46	58.1	40.079	N	21.589	E	11	D	4.8	1.4	165 GREECE. ML 4.8 (ROM), 4.6 (TIR), 4.6 (TTG). Felt in the former Yugoslav Republic of Macedonia.
	14	02	53	09.9?	39.37	N	21.60	E	10	G	3.8	1.3	11 GREECE
	14	03	02	26.1	40.024	N	21.630	E	10	G	4.6	1.3	65 GREECE. ML 4.4 (TIR).
	14	03	09	35.8	40.073	N	21.583	E	10	G	4.6 4.5	1.4	101 GREECE. ML 4.7 (ROM), 4.5 (TIR). Felt (IV) in the former Yugoslav Republic of Macedonia.
	14	03	57	48.6&	60.730	N	151.890	W	82				57 KENAI PENINSULA, ALASKA. <AEIC>.
	14	03	57	56.8?	43.46	N	147.88	E	33	N	3.8	1.5	6 KURIL ISLANDS
	14	04	00	17.4	28.374	N	34.585	E	10	G	4.3	0.7	30 EGYPT. ML 4.7 (JER).
	14	04	29	25.5*	40.329	N	21.615	E	10	G	3.7	1.5	25 GREECE
	14	04	31	55.5?	13.49	N	143.88	E	33	N	4.2	1.7	8 SOUTH OF MARIANA ISLANDS. Felt (IV) at Yigo, Guam. Also felt at Santa Rita, Tamuning and Yona, Guam.
	14	04	47	00.1	39.883	N	70.728	E	34	D	4.8	0.9	80 TAJIKISTAN. ML 4.9 (BJI).
	14	05	09	30.0?	40.29	N	21.88	E	10	G	3.3	1.3	7 GREECE
	14	05	14	50.7*	40.002	N	21.786	E	10	G	4.1	1.4	30 GREECE. ML 4.0 (TIR), 3.9 (TTG).
	14	05	27	31.8?	12.40	N	90.15	W	33	N	4.5	1.2	21 OFF COAST OF CENTRAL AMERICA. MD 4.2 (SSS). Felt (II) at Ahuachapan, El Salvador.
	14	05	41	27.7?	32.35	S	71.04	W	70	G		0.2	9 NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
	14	05	59	15.5	40.017	N	21.567	E	10	G	4.8 4.1	1.3	124 GREECE. ML 4.6 (TIR), 4.6 (TTG).
	14	06	11	37.6	39.882	N	21.501	E	10	G	4.1	1.3	20 GREECE
	14	06	23	04.0?	40.71	N	21.56	E	10	G	3.5	1.2	6 GREECE
	14	06	27	05.2	39.870	N	21.295	E	10	G	4.1	1.1	21 GREECE
	14	06	45	58.0%	45.286	N	3.097	E	10	G		1.0	21 FRANCE. ML 3.2 (LDG).
	14	07	02	18.1*	12.015	N	125.721	E	33	N	4.7 4.2	0.8	25 SAMAR, PHILIPPINE ISLANDS
	14	07	12	38.8&	59.819	N	150.794	W	36				60 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	14	07	30	08.3*	40.054	N	21.516	E	10	G	4.2	1.6	22 GREECE. ML 4.1 (TIR).
	14	08	15	42.3*	40.240	N	21.658	E	10	G	3.5	1.2	8 GREECE
	14	08	35	09.5*	40.150	N	21.688	E	10	G	4.6	1.6	58 GREECE. ML 4.1 (TIR).
	14	09	17	25.9?	5.92	S	145.52	E	33	N	3.6	1.5	5 EASTERN NEW GUINEA REG., P.N.G.
	14	09	45	39.5	40.167	N	21.750	E	10	G	4.4	1.4	68 GREECE. ML 4.5 (ROM), 4.3 (TIR).
	14	09	51	10.8*	36.059	S	74.584	W	33	N	4.4	1.0	16 OFF COAST OF CENTRAL CHILE
	14	10	12	46.8*	40.111	N	21.960	E	10	G	3.8	1.7	10 GREECE. ML 3.2 (TIR).
	14	10	16	39.0?	24.98	N	126.58	E	33	N	4.3 4.1	1.5	10 RYUKYU ISLANDS
	14	10	21	13.5	40.416	N	21.413	E	10	G	3.8	1.1	20 GREECE. ML 3.7 (TIR).
a	14	11	33	18.8	8.378	S	125.127	E	11	G	6.2 6.9	1.4	299 TIMOR REGION, INDONESIA. Mw 6.5 (GS), 6.9 (HRV). Mo=8.6*10**19 Nm (PPT). Eleven people missing on Timor. Several houses destroyed by a local tsunami in the Dili area. Considerable damage also occurred in the Maliana and Maubara areas. Landslides occurred in the epicentral area. Depth from broadband displacement seismograms.
	14	11	33	39.0&	63.093	N	150.513	W	109				39 CENTRAL ALASKA. <AEIC>.
	14	11	45	07.8?	8.65	S	125.48	E	33	N		0.9	6 TIMOR REGION, INDONESIA
	14	11	55	21.5?	40.17	N	21.81	E	10	G	3.9	1.2	5 GREECE. ML 3.3 (TIR).
	14	11	58	51.8%	46.313	N	1.814	E	5	G		1.2	10 FRANCE. ML 1.7 (LDG).
	14	12	00	15.3?	17.89	S	178.37	W	500	G	4.6	1.1	17 FIJI ISLANDS REGION
	14	12	25	54.5*	8.674	S	125.358	E	26	D	5.2	1.3	84 TIMOR REGION, INDONESIA
	14	13	34	55.3?	40.27	N	21.65	E	10	G	3.4	0.9	5 GREECE
	14	14	26	21.3*	40.277	N	21.745	E	10	G		1.6	9 GREECE
	14	14	46	56.1	40.181	N	21.706	E	10	G	4.4	1.5	62 GREECE. ML 4.5 (TIR). MD 4.4 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
	14	15	07	37.2%	33.722	S	71.694	W	20	G		0.3	8 NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	14	16	33	28.9%	45.004	N	0.906	E	5	G		1.3	12 FRANCE. ML 2.8 (LDG).
	14	16	34	52.4*	33.232	S	68.897	W	33	N		0.4	10 MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
	14	16	43	11.2&	58.990	N	151.710	W	4				49 KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	14	16	48	56.7*	40.167	N	21.578	E	10	G	3.4	1.7	11 GREECE
	14	17	25	52.6&	57.423	N	155.730	W	39		3.0		50 ALASKA PENINSULA. <AEIC>. ML 3.3 (AEIC).
	14	17	27	26.0?	40.38	N	21.68	E	10	G	3.5	1.6	7 GREECE
	14	18	32	04.6*	40.246	N	21.708	E	10	G	3.8	1.0	18 GREECE. ML 3.5 (TIR), 3.4 (TTG).
	14	19	09	31.1%	44.887	N	6.608	E	5	G		0.4	8 FRANCE. ML 2.3 (GEN).
	14	19	31	59.3%	10.612	N	67.656	W	10	G		1.2	6 NEAR COAST OF VENEZUELA
	14	21	31	12.2*	40.118	N	21.617	E	10	G	4.3	1.6	45 GREECE. ML 4.1 (TIR).
	14	22	33	47.2*	39.788	N	77.578	E	33	N	5.0 4.4	1.4	96 SOUTHERN XINJIANG, CHINA. ML 5.1 (BJI).
	14	23	40	32.9	6.899	N	72.997	W	164		4.1	1.1	22 NORTHERN COLOMBIA
	15	00	08	01.0*	20.628	S	177.793	W	478	*	4.9	0.8	23 FIJI ISLANDS REGION
	15	00	16	52.5	38.468	N	49.435	E	26	D	4.8	1.0	119 CASPIAN SEA
	15	00	21	54.7?	38.54	N	49.29	E	33	N	4.5	1.2	10 CASPIAN SEA
	15	00	24	18.5*	40.234	N	21.515	E	10	G	4.3	1.7	29 GREECE
	15	00	30	55.3?	39.69	N	21.83	E	10	G		1.4	9 GREECE
	15	00	47	53.9%	17.985	N	66.800	W	10	G		0.2	5 PUERTO RICO REGION. MD 2.1 (MPR).
	15	01	09	36.3*	4.180	S	126.194	E	361		4.4	1.0	24 BANDA SEA
	15	01	20	14.8	40.179	N	21.457	E	10	G	4.4	1.5	61 GREECE. ML 4.5 (TIR).
	15	02	05	29.5*	8.967	S	125.342	E	33	N	4.7	1.4	14 TIMOR REGION, INDONESIA
	15	02	10	19.8*	8.853	S	125.466	E	33	N	5.0	1.5	38 TIMOR REGION, INDONESIA
	15	02	13	43.4*	39.964	N	21.555	E	10	G	3.6	1.3	15 GREECE
	15	02	42	16.0?	77.73	N	19.19	E	10	G		1.4	8 SVALBARD REGION. MD 3.0 (BER).
	15	02	56	34.4?	78.82	N	4.47	E	10	G	3.7	1.1	5 GREENLAND SEA
	15	03	31	43.8*	40.114	N	21.713	E	10	G	4.0	1.3	18 GREECE. ML 3.4 (TTG).
	15	04	05	57.8	41.603	N	88.820	E	0	G	6.1 5.0	1.0	514 SOUTHERN XINJIANG, CHINA. Underground nuclear explosion.
a	15	04	13	55.3	40.034	N	21.655	E	14	D	5.2 4.6	1.3	191 GREECE. Mw 5.2 (HRV). ML 5.2 (TIR), 5.1 (TTG). Felt at Kozani. Felt (V) in parts of the former Yugoslav Republic of Macedonia.
	15	04	34	15.3*	18.130	S	177.988	W	605	*	4.2	1.2	31 FIJI ISLANDS REGION
	15	04	35	14.8%	33.439	S	70.405	W	100	G		0.3	11 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	15	04	59	34.6?	40.01	N	21.66	E	10	G		1.0	5 GREECE
	15	05	24	47.9*	13.239	S	166.795	E	33	N	4.5	1.3	24 VANUATU ISLANDS
	15	05	54	47.2*	40.055	N	21.491	E	10	G	3.9	1.7	14 GREECE. ML 3.8 (TIR), 3.3 (SKO).
	15	06	15	10.5*	40.360	N	21.391	E	10	G	3.5	1.1	6 GREECE
	15	06	40	53.5&	59.859	N	153.369	W	127				15 SOUTHERN ALASKA. <AEIC>.

	15	06	42	22.2*	39.634	N	21.625	E	10	G	4.3		1.2	34	GREECE. ML 3.6 (TTG).
	15	07	22	03.0?	39.82	N	21.96	E	10	G	4.1		1.5	23	GREECE. ML 3.7 (TTG).
	15	08	16	57.4	40.019	N	21.488	E	10	G	4.6		1.4	100	GREECE. ML 4.4 (TIR), 4.3 (ROM).
	15	08	34	02.7*	40.178	N	21.470	E	10	G			1.4	9	GREECE
	15	08	34	14.9&	60.357	N	152.329	W	86					31	SOUTHERN ALASKA. <AEIC>.
	15	08	42	48.0*	62.486	N	2.016	E	10	G			1.1	30	NORWEGIAN SEA. MD 3.0 (BER). ML 2.6 (NAO).
	15	09	01	51.2	40.154	N	21.930	E	10	G	4.4		1.2	53	GREECE. ML 4.3 (TIR).
	15	09	19	42.2*	40.113	N	21.588	E	10	G	4.5		1.6	56	GREECE. ML 4.3 (TIR).
	15	11	26	54.9?	37.80	N	6.67	W	10	G			1.6	5	SPAIN. MD 2.6 (SFS).
	15	11	40	52.1?	6.23	S	103.91	E	33	N	4.1		1.5	13	SOUTHWEST OF SUMATERA, INDONESIA
	15	11	42	54.3*	39.910	N	21.806	E	10	G	4.1		1.5	29	GREECE
	15	12	03	11.8&	58.323	N	133.455	W	10	G	3.9			9	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.1 (PGC).
	15	12	03	42.1*	40.177	N	21.488	E	10	G	3.4		1.3	15	GREECE. ML 3.1 (TTG).
	15	12	21	07.7	20.538	N	147.087	E	49	*	4.5		0.9	33	MARIANA ISLANDS REGION
	15	13	02	30.5*	40.335	N	21.413	E	10	G	3.6		0.6	9	GREECE
	15	13	50	51.5*	40.171	N	21.660	E	10	G	3.6		1.6	11	GREECE
	15	13	55	50.7	40.195	N	143.317	E	33	N	5.0	4.3	1.2	92	OFF EAST COAST OF HONSHU, JAPAN
	15	13	58	19.9	40.355	N	142.996	E	33	N	5.1		1.1	89	NEAR EAST COAST OF HONSHU, JAPAN
	15	13	59	13.6*	40.286	N	21.577	E	10	G	4.0		1.3	11	GREECE
	15	14	17	47.1*	40.134	N	15.230	E	334		4.0		1.0	31	SOUTHERN ITALY
a	15	15	26	53.9*	56.037	S	27.811	W	100	G	5.5		1.1	80	SOUTH SANDWICH ISLANDS REGION. Mw 5.2 (HRV).
	15	15	37	39.4	40.896	N	1.549	E	10	G	4.6		1.3	101	BALEARIC ISLANDS. ML 4.9 (LDG). mbLg 4.5 (MDD). Felt (IV) in the Tarragona area, Spain.
	15	15	41	20.0	40.848	N	1.626	E	10	G			1.3	45	BALEARIC ISLANDS. ML 4.3 (LDG). mbLg 4.0 (MDD).
	15	15	46	23.7*	40.108	N	21.756	E	10	G	3.4		1.3	15	GREECE
	15	16	18	32.1*	40.024	N	21.721	E	10	G	4.2		1.5	10	GREECE
	15	16	27	29.5?	43.71	N	7.35	E	10	G			1.2	4	NEAR SOUTH COAST OF FRANCE. ML 1.8 (LDG).
	15	16	30	17.0?	14.14	S	176.34	W	33	N	4.2		0.9	9	FIJI ISLANDS REGION
	15	17	05	41.9	40.067	N	21.558	E	10	G	4.5		1.5	75	GREECE. ML 4.3 (TIR). MD 4.1 (TTG). Felt (IV) in the former Yugoslav Republic of Macedonia.
	15	18	58	35.8	24.765	N	122.395	E	94	D	4.7		1.0	32	TAIWAN REGION. Felt in eastern Taiwan.
	15	19	46	24.1*	12.547	N	125.428	E	33	N	4.6	4.1	1.2	34	SAMAR, PHILIPPINE ISLANDS
	15	19	57	51.6*	14.418	S	170.576	E	659	*	4.4		0.5	19	VANUATU ISLANDS REGION
	15	20	00	04.5*	40.098	N	21.717	E	10	G	4.1		1.6	23	GREECE
a	15	20	04	10.8	11.101	N	126.312	E	35	D	5.3	5.0	1.0	147	PHILIPPINE ISLANDS REGION. Mw 5.3 (HRV).
	15	20	21	50.0	13.140	N	49.531	E	10	G	4.9		1.4	117	EASTERN GULF OF ADEN
	15	21	01	38.2*	34.221	N	26.615	E	33	N	4.4		1.3	18	CRETE
	15	21	57	55.3	40.369	N	125.414	W	10	G			0.8	114	OFF COAST OF NORTHERN CALIFORNIA. ML 4.0 (GS), 4.1 (BRK).
	15	22	10	09.1*	40.030	N	21.910	E	10	G	4.1		1.7	16	GREECE
	15	22	11	52.1&	63.039	N	150.631	W	116					35	CENTRAL ALASKA. <AEIC>.
	15	22	25	05.1?	9.55	S	125.63	E	33	N	3.8		1.2	6	TIMOR REGION, INDONESIA
a	15	22	29	31.4	42.420	S	120.036	E	10	G	5.3	4.9	1.1	120	SOUTH OF AUSTRALIA. Mw 5.4 (HRV).
	15	22	36	17.2*	16.915	N	99.860	W	28	D	4.3		1.2	24	NEAR COAST OF GUERRERO, MEXICO
	15	22	47	32.3*	40.193	N	21.661	E	10	G	4.4		1.6	47	GREECE. ML 4.2 (ROM), 4.0 (TIR).
	15	23	12	40.1*	11.073	N	126.351	E	33	N	4.1		1.0	17	PHILIPPINE ISLANDS REGION
	15	23	47	58.5&	63.191	N	149.335	W	93					30	CENTRAL ALASKA. <AEIC>.
	16	00	25	11.4&	59.984	N	152.829	W	95		3.9			98	SOUTHERN ALASKA. <AEIC>.
	16	00	49	01.3*	1.580	S	127.326	E	17	D	4.8	4.4	1.3	30	HALMAHERA, INDONESIA
	16	01	42	46.9	84.127	N	0.135	W	10	G	4.8	4.6	1.0	111	NORTH OF SVALBARD
	16	01	53	20.1?	41.02	N	1.58	E	10	G			1.7	8	SPAIN. mbLg 3.2 (MDD).
	16	02	04	05.2&	58.950	N	154.570	W	127					43	ALASKA PENINSULA. <AEIC>.
	16	02	33	36.3?	44.39	N	7.23	E	5	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
a	16	03	35	02.6	36.455	N	70.893	E	187	G	5.7		1.0	487	HINDU KUSH REGION, AFGHANISTAN. Mw 5.9 (GS), 5.8 (HRV). Felt at Chitral, Dera Ismail Khan, Islamabad, Lahore and Peshawar, Pakistan. Depth from broadband displacement seismograms.
	16	04	32	51.2	33.695	N	38.207	W	10	G	4.8	4.4	0.8	27	NORTHERN MID-ATLANTIC RIDGE
a	16	04	33	46.2	20.766	S	178.761	W	605	D	4.9		1.0	184	FIJI ISLANDS REGION. Mw 5.7 (HRV). mb 4.6 (BRK).
	16	04	37	27.7	40.001	N	21.529	E	10	G	4.7		1.2	78	GREECE. ML 4.5 (TIR).
	16	04	38	32.3&	44.544	N	6.810	E	5	G			0.4	5	FRANCE. ML 2.1 (GEN).
	16	05	04	09.4*	39.778	N	21.631	E	10	G	4.1		1.5	23	GREECE
	16	05	10	46.0?	40.13	N	21.88	E	10	G			1.3	12	GREECE
	16	05	45	40.4&	15.881	N	60.877	W	33	N			0.2	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	16	06	01	28.1*	30.066	N	42.068	W	10	G	4.1		1.0	17	NORTHERN MID-ATLANTIC RIDGE
	16	06	41	21.2?	9.25	S	125.73	E	33	N	4.6		1.5	11	TIMOR REGION, INDONESIA
	16	07	17	23.1	39.946	N	21.503	E	10	G	4.1		1.2	28	GREECE
a	16	08	21	49.3	23.928	N	123.394	E	24	D	5.1	4.4	0.9	137	SOUTHWESTERN RYUKYU ISLANDS. Mw 5.1 (HRV).
	16	08	40	45.4	8.614	S	106.013	E	31	D	5.2	4.6	1.0	61	SOUTH OF JAWA, INDONESIA
	16	09	44	17.7?	9.64	S	125.55	E	33	N	4.0		1.3	8	TIMOR REGION, INDONESIA
	16	09	58	06.5	26.329	N	140.312	E	339	*	4.2		0.9	29	BONIN ISLANDS REGION
	16	10	13	57.9?	11.22	S	116.78	E	33	N	4.0		1.1	8	SOUTH OF SUMBAWA, INDONESIA
	16	10	25	00.6*	20.524	S	178.892	W	623	*	4.2		1.0	38	FIJI ISLANDS REGION
	16	10	51	36.9&	18.408	N	66.544	W	33	N			0.0	5	PUERTO RICO REGION
	16	10	52	13.6*	2.498	S	140.576	E	33	N	4.5		1.0	17	NEAR NORTH COAST OF IRIAN JAYA
	16	11	18	40.7*	6.105	S	144.865	E	33	N	4.0		0.5	7	NEW GUINEA, PAPUA NEW GUINEA
	16	11	26	09.8*	43.942	N	128.668	W	10	G	2.7		0.5	35	OFF COAST OF OREGON
	16	11	39	55.3?	16.12	N	61.81	W	120	G			0.3	6	LEEWARD ISLANDS
	16	12	01	44.2&	44.384	N	7.377	E	10	G			0.3	9	NORTHERN ITALY. ML 2.3 (GEN).
	16	12	10	16.9*	0.534	N	127.012	E	33	N	4.4		0.7	10	HALMAHERA, INDONESIA
	16	12	25	57.0&	17.426	N	100.611	W	10	G			1.3	10	GUERRERO, MEXICO
	16	12	31	20.4*	40.112	N	21.709	E	10	G	4.1		1.6	16	GREECE
	16	12	48	00.6*	25.872	N	140.784	E	343	*	4.3		1.1	23	VOLCANO ISLANDS REGION
	16	13	09	27.7*	8.018	S	111.051	E	33	N	3.6		1.2	7	JAWA, INDONESIA
	16	13	19	30.8?	19.66	N	142.29	E	33	N	4.3		1.2	9	MARIANA ISLANDS REGION
	16	13	47	07.2	43.752	N	147.733	E	36	D	4.7	4.2	1.3	52	KURIL ISLANDS
	16	13	52	56.7	43.577	N	147.842	E	33	N	4.8		1.2	58	KURIL ISLANDS
	16	14	30	23.4*	31.681	N	55.513	E	16	D	4.8	4.1	1.1	71	NORTHERN IRAN. Felt at Bafg and Behabad.
a	16	15	22	55.5*	8.443	S	125.478	E	32	D	4.9		1.3	53	TIMOR REGION, INDONESIA. Mw 5.0 (HRV).
	16	16	13	59.5&	60.224	N	152.446	W	87					50	SOUTHERN ALASKA. <AEIC>.
	16	16	44	09.9&	34.287	S	70.711	W	100	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	16	16	55	22.4	37.650	N	137.563	E	33	N	4.4		1.0	22	NEAR WEST COAST OF HONSHU, JAPAN
	16	17	57	50.2	40.005	N	21.676	E	10	G	4.5		1.4	92	GREECE. ML 4.2 (ROM), 4.1 (TTG).

	16	18	20	18.8*	20.901	S	178.600	W	539	*	4.1	1.0	28	FIJI ISLANDS REGION
	16	18	29	52.7&	30.080	N	115.867	W	18				8	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.8 (ECX).
	16	19	08	41.7%	33.360	S	70.258	W	5	G		0.8	7	CHILE-ARGENTINA BORDER REGION
	16	19	28	59.4*	12.310	N	144.083	E	33	N	4.3	1.0	13	SOUTH OF MARIANA ISLANDS
	16	19	59	54.3&	39.809	N	122.698	W	0				31	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 2.8 (GS).
	16	20	01	20.5&	39.812	N	122.739	W	6				48	NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (BRK), 3.1 (GS).
a	16	20	12	44.2	23.008	S	169.900	E	20	G	6.9 7.7	1.3	592	LOYALTY ISLANDS REGION. Mw 7.3 (GS), 7.7 (HRV). Ms 7.8 (BRK). Mo=2.5*10**20 Nm (PPT). Felt (III) on the Loyalty Islands and at Noumea, New Caledonia. Tsunami generated with maximum wave heights (peak-to-trough) at the following locations: 40 cm. at Port-Vila, Vanuatu; 10 cm. at Pago Pago, American Samoa; 6 cm. at Lautoka and 5 cm. at Suva, Fiji; 3 cm. at Apia, Western Samoa; 3 cm. at Nukualofa, Tonga; 3 cm. at Rarotonga, Cook Islands. The tsunami was also recorded along the coast of New South Wales, Australia. Three events about 2.7 and 7.3 seconds apart. Depth from broadband displacement seismograms, based on second event.
	16	20	31	14.5	23.082	S	170.047	E	33	N	5.8	1.4	118	LOYALTY ISLANDS REGION
	16	20	33	53.9?	23.10	S	170.29	E	33	N	4.6	1.1	7	LOYALTY ISLANDS REGION
	16	20	37	30.6?	23.14	S	170.41	E	33	N	4.4	1.0	7	LOYALTY ISLANDS REGION
	16	20	45	09.8?	23.26	S	169.91	E	33	N	4.4	0.8	11	LOYALTY ISLANDS REGION
	16	20	47	21.5&	39.812	N	122.735	W	7				24	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	16	20	52	24.2?	22.89	S	169.90	E	33	N	4.9	1.1	14	LOYALTY ISLANDS REGION
	16	20	53	49.7	23.089	S	170.312	E	29	D	5.5	1.1	121	LOYALTY ISLANDS REGION
	16	20	58	38.1*	23.056	S	169.608	E	29	D	5.1	1.3	76	LOYALTY ISLANDS REGION
	16	21	14	09.4	22.702	S	170.051	E	29	D	5.2	1.4	79	LOYALTY ISLANDS REGION
	16	21	25	40.3	22.876	S	170.118	E	32	D	5.4	1.2	126	LOYALTY ISLANDS REGION
	16	21	43	28.7?	23.43	S	170.39	E	33	N	4.8	1.2	14	LOYALTY ISLANDS REGION
	16	21	46	31.4*	22.976	S	170.491	E	33	N	4.7	1.4	24	LOYALTY ISLANDS REGION
	16	21	47	27.4*	22.930	S	170.441	E	30	D	4.9	1.3	34	LOYALTY ISLANDS REGION
	16	21	48	05.8	17.899	N	96.457	E	11	D	5.9 6.1	1.1	226	MYANMAR
	16	21	54	16.9	39.953	N	21.616	E	10	G	4.5	1.3	31	GREECE. ML 4.0 (TIR), 3.9 (TTG).
	16	22	11	46.5?	22.43	S	169.73	E	33	N	4.7	1.3	20	LOYALTY ISLANDS REGION
	16	22	21	53.0?	13.01	N	88.80	W	85		4.0	0.8	16	EL SALVADOR. MD 3.5 (SSS). Felt (III) at San Salvador.
	16	22	23	18.2*	23.092	S	170.439	E	33	N	4.5	1.6	21	LOYALTY ISLANDS REGION
	16	22	31	10.9	43.409	N	147.844	E	33	D	5.5	1.1	178	KURIL ISLANDS
	16	22	38	11.3	43.439	N	147.863	E	33	N	5.2	0.9	142	KURIL ISLANDS
	16	22	48	33.4*	23.177	S	170.887	E	24	D	4.8	1.3	18	LOYALTY ISLANDS REGION
	16	22	55	06.4*	22.680	S	169.958	E	27	D	4.3	1.3	19	LOYALTY ISLANDS REGION
	16	22	59	32.5*	23.295	S	170.112	E	26	D	4.5	1.4	37	LOYALTY ISLANDS REGION
	16	23	00	40.6	40.016	N	21.586	E	10	G	4.8	1.2	139	GREECE. ML 4.6 (TIR).
	16	23	08	00.1	43.515	N	147.796	E	33	N	4.7	1.1	50	KURIL ISLANDS
	16	23	16	28.0	44.365	N	147.546	E	33	N	4.7	0.9	66	KURIL ISLANDS
	16	23	21	13.6*	23.143	S	170.028	E	33	D	4.4	1.1	26	LOYALTY ISLANDS REGION
	16	23	33	51.8*	23.405	S	170.555	E	23	D	4.5	1.2	21	LOYALTY ISLANDS REGION
	16	23	37	08.6*	23.033	S	170.403	E	31	D	4.6	1.6	25	LOYALTY ISLANDS REGION
	16	23	42	27.4*	22.673	S	170.070	E	29	D	4.5	1.7	26	LOYALTY ISLANDS REGION
	16	23	47	47.3*	23.334	S	170.483	E	25	D	4.9	1.6	41	LOYALTY ISLANDS REGION
	16	23	57	27.0	40.061	N	21.678	E	16	D	4.8	1.4	173	GREECE. ML 4.7 (TIR), 4.6 (TTG).
	17	00	05	13.0*	36.428	N	23.159	E	50		4.3	1.0	48	SOUTHERN GREECE
	17	00	45	46.0?	9.48	S	125.66	E	33	N	4.2	1.2	12	TIMOR REGION, INDONESIA
	17	00	53	20.5*	23.416	S	170.336	E	30	D	4.6	1.3	36	LOYALTY ISLANDS REGION
	17	01	05	02.2*	23.269	S	170.097	E	33	N	4.7 4.8	1.2	23	LOYALTY ISLANDS REGION
	17	01	13	46.1*	23.609	S	170.300	E	26	D	4.5	1.4	22	LOYALTY ISLANDS REGION
	17	01	27	30.2*	23.295	S	170.559	E	33	N	4.3	1.0	12	LOYALTY ISLANDS REGION
	17	01	34	46.3*	23.053	S	170.307	E	35	D	4.8 5.0	1.2	30	LOYALTY ISLANDS REGION
	17	01	50	27.7?	23.50	S	169.40	E	33	N	4.1	1.2	8	LOYALTY ISLANDS REGION
	17	01	55	19.9*	40.178	N	21.599	E	10	G	3.4	0.8	9	GREECE
	17	01	56	56.5*	23.134	S	170.275	E	33	N	4.4	1.5	17	LOYALTY ISLANDS REGION
	17	02	05	09.1*	22.965	S	169.861	E	33	N	4.8 5.0	1.3	33	LOYALTY ISLANDS REGION
	17	02	19	58.3*	23.164	S	170.411	E	33	D	4.7	1.4	48	LOYALTY ISLANDS REGION
	17	02	22	57.0&	34.387	N	118.658	W	17				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS). Felt at Simi Valley and in the northern San Fernando Valley.
	17	02	29	13.6&	39.810	N	122.709	W	13		4.6		123	NORTHERN CALIFORNIA. <GM-P>. MD 4.3 (GM). ML 4.4 (BRK), 4.3 (GS). Felt (III) at Artois, Covelo and Elk Creek; (II) at Paskenta. Felt in much of the northern Sacramento Valley and as far east as Red Bluff and Tehama.
	17	02	29	29.1	6.240	S	147.417	E	71		5.4	1.1	80	EASTERN NEW GUINEA REG., P.N.G.
	17	02	38	11.8*	43.630	N	147.788	E	33	N	4.9	0.9	27	KURIL ISLANDS
	17	03	08	49.6&	63.261	N	151.154	W	6				50	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	17	03	16	10.0*	22.816	S	170.210	E	26	D	4.6	0.8	12	LOYALTY ISLANDS REGION
	17	03	19	25.9	45.200	N	5.948	E	10	G		0.8	17	FRANCE. ML 2.5 (LDG).
	17	03	24	42.5	23.198	S	170.263	E	27	D	5.2	1.3	71	LOYALTY ISLANDS REGION
	17	03	52	53.8*	15.068	S	174.275	W	103	*	4.6	1.1	41	TONGA ISLANDS
	17	03	54	52.0	40.009	N	21.740	E	10	G	4.5	1.4	32	GREECE. ML 3.9 (TIR).
	17	03	58	14.4	22.888	S	170.167	E	31	D	5.5 5.2	1.0	94	LOYALTY ISLANDS REGION. Ms 5.1 (BRK).
	17	04	02	41.9?	43.45	N	7.56	E	5	G		0.9	4	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
	17	04	13	51.7?	15.20	N	60.50	W	33	N		0.3	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	17	04	14	25.2	40.101	N	21.632	E	19	D	5.2 4.9	1.3	298	GREECE. ML 5.1 (ROM), 4.9 (THE). MD 5.0 (TTG).
	17	04	36	23.1	22.471	S	170.515	E	33	N	5.1 4.9	1.3	62	LOYALTY ISLANDS REGION
	17	04	37	48.5*	40.355	N	21.655	E	10	G	4.0	1.4	9	GREECE
	17	04	48	33.4	40.017	N	21.639	E	10	G	4.5	1.4	81	GREECE. ML 4.3 (TIR).
	17	04	51	20.3*	22.609	S	170.285	E	31	D	4.5	1.5	29	LOYALTY ISLANDS REGION
	17	05	02	52.2%	10.161	N	67.824	W	10	G		0.5	10	NEAR COAST OF VENEZUELA
	17	05	03	37.6?	23.29	S	169.54	E	33	N		1.1	9	LOYALTY ISLANDS REGION
	17	05	04	03.7*	46.278	N	7.129	E	5	G		0.8	23	SWITZERLAND. ML 2.9 (LDG).
	17	05	16	55.7*	12.616	N	125.552	E	23	D	5.0 5.0	1.0	120	SAMAR, PHILIPPINE ISLANDS
	17	05	23	17.3	22.743	S	169.902	E	27	D	5.4 5.4	1.1	149	LOYALTY ISLANDS REGION

	17	05	42	36.4?	23.44	S	169.81	E	33	N	4.2		1.7	13	LOYALTY ISLANDS REGION
	17	05	43	28.5*	24.011	S	179.950	W	482	?	4.8		0.9	41	SOUTH OF FIJI ISLANDS
	17	05	43	35.7*	23.107	S	170.295	E	28	D	4.7		1.4	31	LOYALTY ISLANDS REGION
	17	05	51	27.5&	18.471	N	67.310	W	10	G			0.7	8	MONA PASSAGE. MD 2.8 (MPR).
	17	06	24	11.0	30.865	S	178.282	W	33	N	5.3		1.1	73	KERMADEC ISLANDS, NEW ZEALAND. Felt (II) on Raoul Island.
	17	06	28	18.7?	34.48	S	72.17	W	30				0.5	14	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	17	06	37	53.6*	23.273	S	170.467	E	33	N	4.5		1.2	14	LOYALTY ISLANDS REGION
	17	06	42	35.1&	33.893	S	70.537	W	83	?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
	17	07	03	59.5*	22.845	S	170.550	E	33	N	4.3		0.6	8	LOYALTY ISLANDS REGION
	17	07	19	26.6	39.990	N	21.740	E	10	G	4.2		1.1	20	GREECE
	17	07	20	32.9*	32.251	S	69.698	W	120	G			0.7	12	MENDOZA PROVINCE, ARGENTINA. MD 3.1 (SAN).
	17	07	27	31.2&	60.121	N	149.799	W	43					47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	07	44	46.9*	22.578	S	170.589	E	33	N	4.7		1.3	33	LOYALTY ISLANDS REGION
	17	07	51	56.6*	23.316	S	170.637	E	33	N	4.6		1.4	17	LOYALTY ISLANDS REGION
	17	08	02	08.2?	22.61	S	170.66	E	33	N	4.2		1.0	9	LOYALTY ISLANDS REGION
	17	08	13	09.7*	46.270	N	7.100	E	5	G			0.9	20	SWITZERLAND. ML 2.9 (LDG).
	17	08	15	40.5?	10.53	S	121.29	E	33	N	4.1		0.9	13	SAVU SEA
	17	09	14	47.6	6.772	N	72.900	W	174	D	4.4		1.0	31	NORTHERN COLOMBIA
	17	09	15	49.4*	22.961	S	170.204	E	33	N	4.7		1.6	21	LOYALTY ISLANDS REGION
	17	09	24	51.8*	22.989	S	170.037	E	33	N	4.7		1.4	34	LOYALTY ISLANDS REGION
	17	09	26	06.4&	37.195	N	118.489	W	12					51	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
	17	09	28	48.4?	23.36	S	170.60	E	27	D	4.7		1.5	14	LOYALTY ISLANDS REGION
	17	09	42	41.6*	23.139	S	170.731	E	28	D	4.8		1.1	21	LOYALTY ISLANDS REGION
	17	09	45	07.3	39.992	N	21.557	E	10	G	5.1	4.7	1.2	238	GREECE. ML 5.0 (TTG), 4.9 (TIR).
	17	09	50	53.6&	33.603	S	70.859	W	80	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 1.7 (SAN).
	17	09	55	30.0*	23.022	S	170.377	E	26	D	5.1	4.7	1.2	48	LOYALTY ISLANDS REGION
	17	10	00	43.0*	23.279	S	169.451	E	33	N	4.3		1.5	13	LOYALTY ISLANDS REGION
	17	10	07	39.8*	39.949	N	21.469	E	10	G	4.0		1.5	24	GREECE. ML 3.6 (TIR).
	17	10	12	14.0*	22.855	S	169.891	E	24	D	4.7		1.6	29	LOYALTY ISLANDS REGION
	17	10	18	41.6*	39.925	N	21.662	E	10	G	4.1		1.6	16	GREECE
	17	10	21	38.0?	40.46	N	21.63	E	10	G	3.3		1.6	6	GREECE
	17	10	30	09.0*	22.331	S	170.453	E	33	N	4.3		1.1	13	LOYALTY ISLANDS REGION
	17	10	32	27.9&	60.651	N	152.380	W	93					52	SOUTHERN ALASKA. <AEIC>.
	17	10	45	19.2*	22.666	S	169.932	E	33	N	4.2		1.6	24	LOYALTY ISLANDS REGION
a	17	11	23	49.5	23.030	S	170.108	E	20	G	5.9	6.5	1.4	347	LOYALTY ISLANDS REGION. Mw 6.2 (GS), 6.5 (HRV). Ms 6.5 (BRK). Mo=7.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	17	11	25	26.7?	39.98	N	21.80	E	10	G	3.9		1.7	12	GREECE
	17	11	28	37.4	39.976	N	21.667	E	10	G	4.3		1.4	34	GREECE. ML 3.9 (TTG), 3.8 (TIR).
	17	11	36	46.5*	39.811	N	21.827	E	10	G	4.0		1.3	14	GREECE
	17	11	40	28.7*	5.709	S	150.942	E	33	N	4.8		1.3	29	NEW BRITAIN REGION, P.N.G.
	17	11	47	56.0?	23.04	S	170.02	E	33	N	4.7		1.5	12	LOYALTY ISLANDS REGION
	17	11	51	31.5*	22.984	S	170.259	E	32	D	4.6		1.2	33	LOYALTY ISLANDS REGION
	17	12	32	22.3?	23.18	S	170.38	E	28	D	4.4		1.7	17	LOYALTY ISLANDS REGION
	17	12	33	12.1?	22.36	S	169.90	E	33	N	4.5		1.4	14	LOYALTY ISLANDS REGION
	17	12	38	09.4	6.524	S	155.016	E	35	D	5.1	5.6	1.0	89	SOLOMON ISLANDS
	17	13	03	57.9	23.179	S	170.591	E	33	N	4.9	5.3	1.1	66	LOYALTY ISLANDS REGION
a	17	13	59	21.3	22.397	S	170.350	E	31	D	4.9	5.1	1.4	77	LOYALTY ISLANDS REGION. Mw 5.7 (HRV). Ms 5.5 (BRK).
	17	14	28	21.5?	44.35	N	7.28	E	10	G			0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
	17	15	03	16.7?	22.18	S	170.30	E	33	N			1.4	5	LOYALTY ISLANDS REGION
	17	15	07	03.4*	23.198	S	169.842	E	33	N	4.5	4.6	1.1	28	LOYALTY ISLANDS REGION
	17	15	37	57.9*	39.901	N	21.762	E	10	G	4.3		1.7	30	GREECE. ML 3.8 (TIR), 3.7 (TTG).
	17	16	03	14.9?	40.00	N	21.52	E	10	G	3.3		1.1	5	GREECE
	17	16	19	59.0*	40.124	N	22.081	E	10	G	4.0		1.3	11	GREECE
	17	16	53	37.9&	34.388	N	118.655	W	17					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS). Felt at Simi Valley and in the northern San Fernando Valley.
	17	16	55	25.7	39.936	N	143.530	E	29	D	4.9	4.4	1.0	118	OFF EAST COAST OF HONSHU, JAPAN
	17	16	59	55.1?	39.97	N	21.52	E	10	G	3.7		1.5	9	GREECE
	17	17	11	03.8?	40.10	N	21.67	E	10	G			1.6	6	GREECE
	17	17	31	47.1*	40.034	N	21.623	E	10	G			1.5	8	GREECE
	17	18	27	26.4?	23.22	S	170.30	E	33	N	4.5		1.2	13	LOYALTY ISLANDS REGION
a	17	19	07	25.4	12.740	N	125.297	E	30	D	4.9	4.8	1.2	73	SAMAR, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	17	19	20	48.8?	32.39	S	71.72	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	17	19	23	09.1&	63.286	N	153.717	W	40					46	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC).
	17	19	29	04.2*	22.223	S	170.053	E	33	N	4.4		1.4	20	LOYALTY ISLANDS REGION
a	17	19	33	44.2*	12.449	N	125.710	E	28	D	5.2	5.2	1.1	131	SAMAR, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Ms 5.2 (BRK).
	17	19	42	12.9	51.523	N	174.120	W	33	N	4.9		0.7	50	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	20	11	30.8	12.389	N	125.613	E	35	D	4.7		1.2	67	SAMAR, PHILIPPINE ISLANDS
	17	20	14	26.2&	61.236	N	149.304	W	37					55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	17	20	33	23.9*	23.167	S	170.470	E	33	D	4.8		1.2	47	LOYALTY ISLANDS REGION
	17	20	42	35.2*	23.063	S	170.441	E	35	D	4.6		1.5	42	LOYALTY ISLANDS REGION
	17	20	43	40.3*	23.194	S	170.371	E	33	N	4.7		1.1	18	LOYALTY ISLANDS REGION
	17	21	26	05.9&	34.081	S	69.915	W	5	G			0.2	8	CHILE-ARGENTINA BORDER REGION
	17	22	07	50.8?	36.69	N	1.93	W	10	G			1.0	5	WESTERN MEDITERRANEAN SEA. mbLg 2.3 (MDD).
	17	23	51	10.0?	36.72	N	1.80	W	10	G			0.3	6	WESTERN MEDITERRANEAN SEA. mbLg 2.8 (MDD).
	17	23	51	46.6*	40.001	N	21.684	E	10	G	4.4		1.7	34	GREECE. ML 3.8 (TIR).
a	18	00	06	27.4	0.893	S	21.996	W	12	G	6.2	6.2	1.0	536	CENTRAL MID-ATLANTIC RIDGE. Mw 6.7 (GS), 6.8 (HRV). Ms 6.1 (BRK). Mo=2.0*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	18	00	52	00.6*	38.292	N	45.699	E	33	N	4.2		0.9	19	ARMENIA-AZERBAIJAN-IRAN BORD REG. Felt at Tabriz, Iran.
	18	00	53	15.5	36.369	N	71.141	E	221	D	4.4		0.8	63	AFGHANISTAN-TAJIKISTAN BORD REG.
	18	01	23	30.1*	46.188	N	6.967	E	5	G			0.7	14	SWITZERLAND. ML 2.4 (LDG).
	18	01	41	36.6*	31.264	N	131.329	E	64	*	4.4		1.1	11	KYUSHU, JAPAN
	18	02	02	57.1&	44.581	N	6.839	E	5	G			0.4	6	FRANCE. ML 1.9 (GEN).
	18	02	38	45.6&	60.214	N	153.204	W	137					39	SOUTHERN ALASKA. <AEIC>.
	18	03	48	58.6	40.080	N	21.853	E	10	G	4.4		1.3	44	GREECE. ML 3.8 (TIR).
	18	04	06	31.4&	44.391	N	7.189	E	5	G			0.3	7	NORTHERN ITALY. ML 2.1 (GEN).
	18	04	18	23.1*	22.144	S	170.051	E	33	N	4.8		1.3	32	LOYALTY ISLANDS REGION
	18	05	12	23.7?	18.88	N	66.10	W	33	N			0.4	9	PUERTO RICO REGION. MD 2.9 (MPR).
	18	05	56	04.5?	32.11	N	31.48	E	10	G			0.3	17	EASTERN MEDITERRANEAN SEA

	18	06	22	54.7	40.079	N	21.547	E	10	G	4.6		1.3	90	GREECE. ML 4.5 (TIR).
	18	07	21	05.3*	40.002	N	21.651	E	10	G	3.8		1.5	7	GREECE
a	18	07	31	37.5	23.091	S	170.239	E	31	D	4.8	4.9	1.1	68	LOYALTY ISLANDS REGION. Mw 5.2 (HRV).
	18	07	32	59.6*	22.960	S	170.328	E	28	D	4.7		0.9	22	LOYALTY ISLANDS REGION
	18	09	13	35.8*	23.089	S	169.911	E	33	N	4.3		1.3	22	LOYALTY ISLANDS REGION
	18	09	29	29.9*	52.554	N	160.721	E	33	N	4.2		0.8	21	OFF EAST COAST OF KAMCHATKA
	18	09	56	35.6?	23.20	S	170.26	E	24	D	4.6		1.3	15	LOYALTY ISLANDS REGION
	18	10	04	24.7?	36.51	N	5.79	W	10	G			0.2	4	STRAIT OF GIBRALTAR. MD 2.5 (SFS).
	18	10	06	43.1*	23.160	S	170.555	E	33	N	4.3		1.2	24	LOYALTY ISLANDS REGION
	18	10	53	17.8&	63.195	N	153.623	W	46					77	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.1 (PMR).
	18	11	12	22.5*	20.735	S	177.879	W	439	*	4.3		1.1	29	FIJI ISLANDS REGION
	18	11	19	51.5*	55.283	S	129.116	W	10	G	4.5	5.1	1.4	19	PACIFIC-ANTARCTIC RIDGE. Ms 5.1 (BRK).
	18	12	32	11.3*	11.812	N	125.877	E	29	D	4.6	4.8	0.8	40	SAMAR, PHILIPPINE ISLANDS
	18	12	39	34.3?	40.01	N	21.55	E	10	G	3.5		1.6	8	GREECE
	18	13	01	57.1*	22.795	S	170.464	E	33	N	4.3		1.4	28	LOYALTY ISLANDS REGION
	18	13	03	52.4*	22.243	S	170.238	E	33	N	4.9		1.2	52	LOYALTY ISLANDS REGION
	18	13	07	06.9	12.587	N	125.553	E	33	N	4.6		0.8	33	SAMAR, PHILIPPINE ISLANDS
	18	14	03	12.7&	63.006	N	148.589	W	67					58	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	18	14	08	21.4*	22.798	S	170.193	E	35	D	4.5		1.4	35	LOYALTY ISLANDS REGION
	18	14	29	45.5*	22.252	S	170.218	E	33	N	4.4		1.3	22	LOYALTY ISLANDS REGION
a	18	14	31	12.4	44.322	N	147.536	E	89	G	5.8		0.9	459	KURIL ISLANDS. Mw 5.5 (GS), 5.5 (HRV). Felt (IV) at Yuzhno-Kurilsk. Depth from broadband displacement seismograms.
	18	15	08	40.4*	39.938	N	21.659	E	10	G	4.2		1.3	15	GREECE
	18	15	26	40.3	40.195	N	21.888	E	10	G	4.2		1.2	32	GREECE. ML 3.6 (TIR).
	18	15	54	51.0*	13.212	N	89.439	W	75		4.6		1.3	30	EL SALVADOR. Felt (III) at San Salvador.
	18	16	20	30.7	43.936	N	7.315	E	10	G			0.2	13	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.3 (GEN).
	18	16	54	44.7%	44.754	N	6.574	E	5	G			0.6	9	FRANCE. ML 2.3 (GEN).
	18	17	04	36.7	12.182	N	125.644	E	33	N	4.7	4.1	0.9	44	SAMAR, PHILIPPINE ISLANDS
	18	18	04	21.2&	64.746	N	162.311	W	25	G				36	NORTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR). Felt (V) at Golovin and (IV) at Elim.
	18	18	06	37.5*	40.043	N	22.095	E	10	G	4.1		1.4	17	GREECE
	18	18	12	38.7*	22.952	S	169.535	E	33	N	4.3		1.3	22	LOYALTY ISLANDS REGION
	18	18	28	04.5	12.505	N	125.352	E	33	N	4.6	4.3	0.8	38	SAMAR, PHILIPPINE ISLANDS
	18	18	56	41.5*	9.107	S	79.104	W	33	N	4.2		0.8	12	OFF COAST OF NORTHERN PERU. Felt (III) at Casma and Chimbote.
	18	19	03	37.6*	40.176	N	21.844	E	10	G			1.4	11	GREECE
	18	19	12	06.8	51.612	N	16.274	E	10	G			1.0	9	POLAND
	18	19	12	34.3?	14.36	N	60.90	W	110	G			0.6	7	WINDWARD ISLANDS
	18	19	38	58.2	45.241	N	6.542	E	5	G			0.4	7	FRANCE. ML 2.2 (GEN).
	18	20	14	33.9*	50.475	N	18.911	E	10	G			0.9	9	POLAND
	18	20	30	00.0?	12.67	N	126.35	E	33	N	4.1		1.5	10	PHILIPPINE ISLANDS REGION
	18	20	42	18.6*	15.105	N	93.122	W	67	*	4.1		1.3	16	NEAR COAST OF CHIAPAS, MEXICO
	18	21	12	34.5	2.474	N	116.940	E	33	N	4.7	4.3	0.8	74	BORNEO
	18	21	53	56.5	31.598	S	68.661	W	10	G	4.2		1.4	14	SAN JUAN PROVINCE, ARGENTINA. Felt (V) at San Juan and (III) at Zonda.
	18	23	13	04.1%	36.756	N	2.995	W	5	G			0.9	9	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). Felt (III) in the Berja area, Spain.
	18	23	48	31.5*	8.047	S	73.687	W	36	D	4.7		1.4	32	PERU-BRAZIL BORDER REGION. Felt (II) at Pucallpa, Peru.
	18	23	49	07.0?	8.38	S	73.65	W	33	N	4.4		1.5	13	PERU-BRAZIL BORDER REGION
	19	01	03	40.9	39.947	N	21.697	E	10	G	4.2		1.3	42	GREECE. ML 3.8 (TIR), 3.8 (TTG).
	19	01	30	23.3	40.062	N	21.804	E	10	G	4.2		1.3	29	GREECE. ML 3.9 (TIR).
	19	01	33	54.2*	39.986	N	21.803	E	10	G	4.2		1.6	26	GREECE
	19	02	31	55.6&	63.185	N	153.704	W	9					73	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.7 (PMR).
	19	02	37	31.4?	45.28	N	6.44	E	5	G			0.3	5	FRANCE. ML 2.3 (GEN).
	19	02	50	05.2*	28.220	N	130.200	E	33	N	4.2		0.9	20	RYUKYU ISLANDS
	19	03	20	00.8	58.089	N	143.341	W	10	G			0.7	21	GULF OF ALASKA. ML 2.7 (AEIC).
	19	04	26	44.1?	23.00	S	170.43	E	33	N	4.5		1.4	18	LOYALTY ISLANDS REGION
	19	05	39	37.5?	53.42	N	168.08	W	33	N	4.4		0.6	12	FOX ISLANDS, ALEUTIAN ISLANDS
	19	05	48	50.8	28.038	S	26.760	E	5	G	4.7		1.6	17	REPUBLIC OF SOUTH AFRICA. mbLg 4.1 (BUL).
	19	06	07	42.6*	23.426	S	170.280	E	33	N	4.4		1.3	22	LOYALTY ISLANDS REGION
a	19	06	48	49.6	40.073	N	21.564	E	10	G	5.1	5.0	1.2	253	GREECE. Mw 5.1 (HRV). ML 5.0 (TIR).
a	19	07	17	28.2	26.720	S	175.740	W	37	D	5.2		1.1	99	SOUTH OF TONGA ISLANDS. Mw 5.1 (HRV).
	19	07	19	19.3&	61.003	N	151.241	W	68		4.4			133	SOUTHERN ALASKA. <AEIC>. ML 4.1 (AEIC), 4.0 (PMR). Felt (III) at Tyonek and (II) at Anchorage and Palmer.
	19	07	28	47.0*	17.125	N	61.101	W	10	G			0.2	9	LEEWARD ISLANDS. MD 3.0 (TRN). ML 3.0 (FDF).
	19	07	36	47.9*	40.031	N	21.563	E	10	G	4.1		1.2	19	GREECE
	19	07	39	42.9%	43.832	N	8.276	E	10	G			0.2	9	CORSICA. ML 2.1 (GEN).
	19	07	43	43.9?	40.05	N	21.53	E	10	G	4.0		1.5	9	GREECE
	19	08	56	28.9%	45.057	N	7.285	E	10	G			0.4	5	NORTHERN ITALY. ML 1.9 (GEN).
a	19	09	31	45.7	23.836	S	66.413	W	230	D	4.9		0.9	116	JUJUY PROVINCE, ARGENTINA. Mw 5.1 (HRV).
	19	10	19	18.6%	18.165	N	66.923	W	10	G			0.9	12	PUERTO RICO REGION. MD 3.1 (MPR).
	19	10	24	30.5?	36.07	N	9.66	W	33	N			1.0	5	WEST OF GIBRALTAR. MD 3.1 (RBA).
	19	11	21	15.6%	44.100	N	8.057	E	5	G			0.4	6	NORTHERN ITALY. ML 2.0 (GEN).
	19	11	28	21.6*	26.018	N	128.482	E	30	D	4.8		1.1	88	RYUKYU ISLANDS
	19	11	45	37.3	41.720	N	92.894	E	11	D	4.2		1.2	28	SOUTHERN XINJIANG, CHINA. ML 4.7 (BJI).
	19	12	10	30.3&	60.436	N	152.679	W	122		3.3			61	SOUTHERN ALASKA. <AEIC>.
	19	12	14	36.0	37.039	N	137.776	E	10	G	4.1		0.8	37	NEAR WEST COAST OF HONSHU, JAPAN
	19	12	29	51.2*	39.987	N	21.835	E	10	G	4.1	3.9	1.2	22	GREECE
	19	13	26	32.5?	5.98	S	150.98	E	33	N	4.4		0.9	14	NEW BRITAIN REGION, P.N.G.
	19	14	38	25.7?	12.09	N	87.04	W	33	N	4.3		1.3	14	NEAR COAST OF NICARAGUA
	19	15	11	42.1?	50.11	N	18.88	E	10	G			1.2	4	POLAND
	19	15	29	43.4?	6.30	S	147.35	E	99	?			0.4	5	EASTERN NEW GUINEA REG., P.N.G.
a	19	16	27	27.3	4.617	N	125.368	E	156	D	5.1		1.2	135	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV).
	19	17	05	52.8*	23.280	S	169.551	E	33	N	4.9		1.2	21	LOYALTY ISLANDS REGION
a	19	17	09	14.5	6.102	S	130.408	E	140	D	5.5		0.9	203	BANDA SEA. Mw 5.4 (HRV).
	19	17	48	15.6*	23.089	S	170.787	E	26	D	4.5		1.5	22	LOYALTY ISLANDS REGION.
a	19	17	49	57.8	23.223	S	170.682	E	23	D	5.0	4.8	1.5	66	LOYALTY ISLANDS REGION. Mw 5.3 (HRV).
	19	17	53	42.6?	23.57	S	170.23	E	33	N	4.8		1.6	21	LOYALTY ISLANDS REGION
	19	17	55	25.9?	23.22	S	170.60	E	33	N	4.5		1.0	10	LOYALTY ISLANDS REGION
a	19	18	13	24.3	23.247	S	170.750	E	33	N	5.3	5.0	1.0	160	LOYALTY ISLANDS REGION. Mw 5.4 (HRV).
	19	19	02	32.1%	44.615	N	6.773	E	5	G			0.4	5	FRANCE. ML 2.1 (GEN).
	19	19	15	39.5*	23.376	S	170.288	E	27	D	4.7		1.2	14	LOYALTY ISLANDS REGION

	19	19	46	22.9*	23.287	S	170.662	E	33	N	4.5		1.2	18	LOYALTY ISLANDS REGION
	19	20	59	31.4?	48.51	N	1.43	W	5	G			0.8	5	FRANCE. ML 2.6 (LDG).
a	19	21	30	06.4	1.021	S	120.505	E	26	D	5.5	5.3	1.2	188	SULAWESI, INDONESIA. Mw 5.9 (HRV). Ms 5.2 (BRK). Twenty-six people injured and 115 houses damaged in the Parigi area. Felt strongly at Palu and Poso.
	19	21	35	32.2	1.039	S	120.505	E	33	N	5.3	5.0	1.2	82	SULAWESI, INDONESIA
	19	21	44	50.8	39.975	N	21.612	E	10	G	4.1		1.3	35	GREECE. ML 3.6 (TIR).
	19	21	49	18.4	44.404	N	7.303	E	5	G			0.5	16	NORTHERN ITALY. ML 2.3 (GEN), 1.8 (LDG).
	19	21	50	41.5*	13.475	N	124.752	E	30	D	5.0	4.9	1.0	90	LUZON, PHILIPPINE ISLANDS
	19	21	58	00.5&	59.083	N	152.534	W	71					29	SOUTHERN ALASKA. <AEIC>.
	19	22	04	08.1*	0.667	S	120.939	E	33	N	4.2		1.6	21	MINAHASSA PENINSULA, SULAWESI
	19	22	32	23.1*	55.097	N	161.982	E	33	N	4.2		0.7	18	NEAR EAST COAST OF KAMCHATKA
	19	22	36	34.1%	33.337	S	70.121	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	19	22	44	14.3%	33.357	S	70.158	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	19	23	01	19.1*	1.180	S	120.306	E	33	N	4.4		1.0	26	SULAWESI, INDONESIA
	19	23	03	25.8?	19.11	N	66.30	W	10	G			0.4	9	PUERTO RICO REGION. MD 3.1 (MPR).
	19	23	15	52.4*	39.927	N	21.646	E	10	G	4.0		1.7	14	GREECE. ML 3.6 (TIR).
	20	00	19	09.1	44.073	N	7.653	E	10	G			0.8	23	NORTHERN ITALY. ML 2.7 (LDG), 2.7 (GEN).
	20	00	48	12.2&	33.423	N	118.175	W	5					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	20	01	49	29.3	37.659	N	21.155	E	10	G	4.5		1.4	63	SOUTHERN GREECE
	20	02	41	17.7&	65.895	N	147.250	W	25					25	NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
	20	02	45	50.0?	28.62	N	52.72	E	33	N	4.0		0.5	8	SOUTHERN IRAN
	20	03	06	13.8?	2.99	N	96.36	E	33	N	4.2		0.8	12	NORTHERN SUMATERA, INDONESIA
	20	03	53	19.7%	33.178	S	70.399	W	100	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	20	04	18	59.8	26.938	S	26.665	E	5	G	4.7		1.3	34	REPUBLIC OF SOUTH AFRICA. mbLg 4.5 (BUL). ML 4.1 (PRE).
	20	05	20	34.9?	13.13	N	88.61	W	33	N	4.7		1.5	25	EL SALVADOR
	20	05	31	25.7?	12.90	N	88.24	W	33	N	4.5		1.1	13	OFF COAST OF CENTRAL AMERICA
	20	05	59	32.6*	41.725	N	140.298	E	166	?	4.1		1.0	13	HOKKAIDO, JAPAN REGION
	20	06	20	05.2*	5.865	S	125.163	E	583	*	4.6		0.7	25	BANDA SEA
	20	06	48	58.6*	11.915	N	125.258	E	33	N	4.4		0.6	13	SAMAR, PHILIPPINE ISLANDS
	20	07	12	50.3	7.299	S	126.571	E	343		4.6		0.9	45	BANDA SEA
	20	07	54	47.4?	13.07	N	144.63	E	64	*	4.0		0.9	9	MARIANA ISLANDS
	20	08	30	20.8?	36.82	N	10.76	W	10	G			0.9	13	NORTH ATLANTIC OCEAN. mbLg 3.9 (MDD).
	20	08	39	09.4%	18.080	N	66.895	W	10	G			0.7	6	PUERTO RICO REGION. MD 2.5 (MPR).
	20	08	45	55.2	45.725	N	15.214	E	5	G			1.0	18	NORTHWESTERN BALKAN REGION. MD 3.2 (LJU), 2.9 (TRI). ML 3.1 (VIE). Felt (V) in the Bela Krajina region.
	20	08	52	28.1*	34.899	S	71.928	W	24				0.4	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	20	09	29	08.3%	45.673	N	15.261	E	5	G			1.4	5	NORTHWESTERN BALKAN REGION. MD 1.8 (LJU).
	20	09	40	33.6	45.718	N	15.185	E	5	G			1.5	13	NORTHWESTERN BALKAN REGION. MD 2.8 (TRI). ML 2.8 (VIE), 2.3 (LJU).
	20	09	45	07.0%	45.971	N	15.062	E	5	G			1.1	5	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU).
	20	09	48	32.4*	13.318	S	170.462	E	629		4.5		1.2	90	VANUATU ISLANDS REGION
	20	10	04	20.3*	38.624	N	15.767	E	10	G			1.1	11	SICILY. MD 3.4 (ROM).
	20	10	44	17.2?	22.82	S	169.64	E	33	N	4.2		1.6	11	LOYALTY ISLANDS REGION
	20	10	48	06.0*	5.921	S	147.004	E	33	N	4.1		1.2	16	EASTERN NEW GUINEA REG., P.N.G.
	20	11	09	21.1	8.616	S	156.519	E	33	N	4.4	4.0	0.8	30	SOLOMON ISLANDS
	20	11	38	07.9?	1.54	N	99.51	E	33	N	4.5		1.5	19	NORTHERN SUMATERA, INDONESIA
	20	11	47	19.1*	11.378	N	125.804	E	33	N	4.5		0.6	32	SAMAR, PHILIPPINE ISLANDS
	20	11	54	10.2	45.999	N	6.911	E	5	G			0.8	16	FRANCE. ML 2.7 (LDG), 2.4 (GEN).
	20	11	55	56.3	51.626	N	16.233	E	15		3.4		0.8	17	POLAND. ML 3.6 (GRF), 3.4 (VIE), 3.1 (MOX).
	20	12	14	10.4%	33.069	S	70.448	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	20	12	40	36.8?	45.66	N	15.19	E	5	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.1 (LJU).
	20	12	48	48.2&	46.881	N	121.942	W	13		4.2			120	WASHINGTON. <SEA-P>. MD 4.1 (SEA). Felt (V) at Ashford; (IV) at Longmire and Paradise; (III) at Carbonado, Elbe and Mineral.
	20	12	54	55.1	32.596	N	121.622	E	33	N	4.1		0.9	8	SOUTHEASTERN CHINA. ML 3.9 (BJI).
a	20	13	45	02.7*	56.025	S	27.736	W	100	G	5.5		1.1	137	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
	20	15	10	00.0*	8.091	S	117.729	E	33	N	3.9		1.0	9	SUMBAWA REGION, INDONESIA
	20	15	26	52.1*	11.376	N	125.795	E	33	N	4.4		1.1	11	SAMAR, PHILIPPINE ISLANDS
	20	15	48	45.4*	12.872	S	166.830	E	110	D	4.7		1.3	42	SANTA CRUZ ISLANDS
	20	16	18	38.8*	31.234	N	46.065	E	33	N	4.3		1.0	31	IRAQ
	20	16	22	02.7*	18.305	N	145.539	E	295	*	3.8		0.9	15	MARIANA ISLANDS
	20	17	04	42.7*	40.049	N	21.468	E	10	G	4.0		1.7	11	GREECE
	20	17	17	57.4&	60.292	N	150.954	W	52		3.1			100	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
a	20	17	24	19.0	23.308	S	170.596	E	23	D	5.1		1.2	87	LOYALTY ISLANDS REGION. Mw 5.0 (HRV).
	20	18	44	32.5?	29.06	S	73.11	W	33	N	4.7		0.8	16	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	20	19	11	18.2?	46.41	N	149.53	E	33	N	4.2		1.3	15	KURIL ISLANDS
	20	19	18	12.6?	34.38	S	70.47	W	10	G			0.8	8	CHILE-ARGENTINA BORDER REGION
	20	20	09	29.9	39.939	N	21.639	E	10	G	4.5		1.5	66	GREECE. ML 4.3 (TIR), 4.1 (TTG), 4.1 (ROM).
	20	20	11	49.4*	39.837	N	22.164	E	10	G	4.2		1.4	25	GREECE. ML 4.1 (TIR), 3.9 (TTG).
	20	20	26	16.5*	39.552	N	21.786	E	10	G	4.2		1.7	15	GREECE
	20	20	32	18.8	45.208	N	6.688	E	5	G			1.3	12	FRANCE. ML 2.2 (GEN), 2.0 (LDG).
	20	20	35	46.6	40.014	N	21.619	E	10	G	4.0		0.8	18	GREECE. ML 3.6 (TIR).
	20	20	54	46.5	38.316	N	73.611	E	126	*	4.4		1.0	56	TAJIKISTAN-XINJIANG BORDER REG.
	20	21	06	22.8	39.930	N	21.623	E	10	G	4.4		1.4	105	GREECE. ML 4.4 (TIR), 4.3 (TTG), 4.1 (SKO).
	20	21	09	09.4?	0.44	S	22.25	W	10	G	4.2	3.9	1.4	12	CENTRAL MID-ATLANTIC RIDGE
	20	21	09	09.6&	48.122	N	114.516	W	9	G	3.3			8	MONTANA. <BUT>. ML 3.4 (BUT), 3.3 (PGC). Felt in the Rodgers Lake area.
	20	21	19	32.9?	40.01	N	21.88	E	10	G	3.9		1.6	10	GREECE
a	20	22	18	58.0	5.553	N	73.783	W	142	D	5.0		1.0	295	COLOMBIA. Mw 5.3 (HRV). mb 4.8 (BRK). Felt at Bogota, Chiquinquira, Garagoa and Tunja.
	20	22	24	57.6?	39.82	N	21.77	E	10	G	4.0		1.5	13	GREECE. ML 3.4 (TIR).
	20	22	32	04.1?	59.76	N	149.19	W	74	?			1.0	7	KENAI PENINSULA, ALASKA. ML 2.9 (PMR).
	21	00	04	34.9*	12.126	N	126.202	E	33	N	4.2		0.7	8	PHILIPPINE ISLANDS REGION
	21	01	54	54.5?	39.45	N	1.18	W	5	G			0.1	4	SPAIN. mbLg 2.6 (MDD).
	21	01	57	04.7*	4.831	S	137.943	E	153	*	4.6		1.0	20	IRIAN JAYA, INDONESIA
	21	02	03	49.6?	4.40	S	135.59	E	49	?	4.3		1.2	7	IRIAN JAYA REGION, INDONESIA
	21	02	06	05.3*	39.969	N	21.531	E	5	G			0.3	5	GREECE. MD 3.1 (ATH).
	21	02	13	13.4	49.293	N	154.973	E	78		4.4		0.8	55	KURIL ISLANDS
	21	02	15	17.7	18.143	N	66.897	W	10	G			0.9	12	PUERTO RICO REGION. MD 3.6 (MPR).
	21	02	51	25.3*	11.072	N	125.752	E	33	N	4.3		0.8	14	SAMAR, PHILIPPINE ISLANDS
	21	03	10	51.2*	3.330	S	103.269	E	171	?	4.5		1.2	28	SOUTHERN SUMATERA, INDONESIA. Felt at Bengkulu.

	21	03	46	26.0*	1.334	S	120.302	E	96	?	3.9		0.3	18	SULAWESI, INDONESIA
	21	04	04	23.0	40.033	N	21.620	E	10	G	4.6		1.3	68	GREECE. ML 4.2 (ROM), 4.2 (TIR), 4.1 (TTG). MD 3.9 (ATH).
	21	04	09	14.9	48.039	N	7.979	E	10	G			0.5	7	FRANCE. ML 2.4 (LDG).
	21	04	42	56.4	40.115	N	21.690	E	10	G			1.3	6	GREECE. MD 3.0 (ATH).
	21	05	01	28.8*	15.768	S	176.861	W	350	*	4.4		0.8	50	FIJI ISLANDS REGION
	21	05	05	44.5	40.037	N	21.573	E	10	G			0.8	6	GREECE. MD 3.0 (ATH).
	21	05	11	10.2?	34.74	S	70.75	W	110	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	21	05	26	02.5	39.174	N	25.432	E	33	N			0.7	9	AEGEAN SEA. ML 3.2 (ATH).
a	21	06	13	11.8	8.265	S	122.977	E	28	D	5.2	4.6	1.2	89	FLORES REGION, INDONESIA. Mw 5.2 (HRV). One person killed, 5 injured and several buildings destroyed on Adonara.
	21	06	25	55.5	34.858	N	25.449	E	64		3.8		1.0	34	CRETE. MD 4.0 (ATH).
	21	06	49	35.4	21.914	S	170.013	E	33	N	4.2		1.1	23	LOYALTY ISLANDS REGION
	21	07	09	42.7*	39.999	N	21.807	E	10	G			0.6	5	GREECE. MD 2.9 (ATH).
	21	07	17	43.9&	46.929	N	6.967	E	10	G			0.8	8	SWITZERLAND. ML 2.3 (LDG).
	21	07	21	30.4	40.130	N	21.843	E	5	G			1.3	7	GREECE. MD 3.2 (ATH).
a	21	07	33	12.3	43.758	S	100.912	W	10	G	5.1		1.0	119	SOUTHERN PACIFIC OCEAN. Mw 5.3 (HRV).
	21	08	01	39.7?	17.42	S	178.64	W	500	G	4.6		1.3	11	FIJI ISLANDS REGION
	21	08	42	41.0	44.448	N	7.314	E	10	G			0.7	21	NORTHERN ITALY. ML 2.9 (GEN), 2.8 (LDG).
	21	09	53	50.0&	63.087	N	150.746	W	119					53	CENTRAL ALASKA. <AEIC>.
	21	10	09	29.9	44.453	N	7.316	E	10	G			0.7	13	NORTHERN ITALY. ML 2.0 (GEN), 1.8 (LDG).
	21	12	11	53.7	6.574	S	154.901	E	79		4.9		0.9	87	SOLOMON ISLANDS
	21	13	14	33.0*	23.227	S	170.363	E	33	N	4.3		1.3	30	LOYALTY ISLANDS REGION
	21	13	14	40.7	38.672	N	143.104	E	28	D	4.3	4.1	1.0	25	OFF EAST COAST OF HONSHU, JAPAN
	21	13	28	37.4*	39.934	N	21.649	E	10	G	3.7		1.1	11	GREECE. ML 3.2 (SKO).
	21	13	40	22.8*	55.317	S	29.246	W	32	D	4.2	4.2	0.9	16	SOUTH SANDWICH ISLANDS REGION
	21	14	34	07.5*	23.556	S	170.829	E	33	N	4.8		1.2	35	LOYALTY ISLANDS REGION
	21	15	08	29.3*	24.936	N	122.670	E	24	D	3.6		0.6	7	TAIWAN REGION
	21	15	25	42.5&	32.741	S	71.667	W	10	G			0.7	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	21	15	31	53.5?	18.45	N	67.69	W	50	G			0.6	6	MONA PASSAGE. MD 2.3 (MPR).
a	21	15	47	24.8	35.939	S	102.647	W	10	G	4.9	4.7	1.0	101	SOUTHERN PACIFIC OCEAN. Mw 5.5 (HRV).
a	21	16	50	39.3	27.855	S	176.468	W	33	N	5.5	5.4	0.9	182	KERMADEC ISLANDS REGION. Mw 5.6 (HRV). Mo=6.4*10**17 Nm (PPT).
	21	16	50	40.2&	34.382	S	70.458	W	10	G			0.1	10	CHILE-ARGENTINA BORDER REGION
a	21	17	06	32.8	12.136	N	87.935	W	52		4.9	5.4	1.1	80	NEAR COAST OF NICARAGUA. Mw 5.5 (HRV).
	21	17	30	23.7?	6.35	S	129.27	E	241	?			1.3	5	BANDA SEA
	21	17	30	55.6&	37.411	N	118.723	W	15					29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
	21	18	01	41.1	31.378	S	67.336	W	10	G			1.2	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
a	21	18	56	06.2	23.219	S	170.722	E	33	N	5.3	5.3	0.9	155	LOYALTY ISLANDS REGION. Mw 5.1 (HRV).
	21	18	59	16.0&	34.388	N	118.652	W	17					58	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS). Felt at Santa Clarita, Simi Valley and in the northern San Fernando Valley.
	21	19	19	59.1	52.359	N	160.742	E	38	D	4.9	4.5	0.9	179	OFF EAST COAST OF KAMCHATKA
	21	19	24	53.0	33.255	N	137.185	E	399		4.5		1.1	46	NEAR S. COAST OF HONSHU, JAPAN
	21	19	50	50.4&	33.810	N	116.988	W	11					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	21	19	59	25.2?	35.10	S	71.40	W	90	G			0.4	10	CENTRAL CHILE. MD 2.5 (SAN).
	21	20	38	25.7	40.115	N	21.479	E	10	G	4.1		1.1	31	GREECE. ML 3.7 (TIR).
	21	20	44	16.6&	34.390	N	118.653	W	16					57	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS). Felt at Simi Valley and in the northern San Fernando Valley.
	21	21	10	09.9*	39.975	N	21.738	E	5	G	3.7		0.9	9	GREECE. ML 3.3 (TIR).
	21	21	37	09.6*	25.055	N	95.254	E	108	*	4.9		0.9	18	MYANMAR-INDIA BORDER REGION
	21	21	43	50.8&	57.549	N	153.226	W	63					49	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	21	22	14	52.4	47.379	N	11.759	E	10	G			0.3	6	AUSTRIA. ML 2.0 (VIE).
	21	22	24	08.6?	37.13	N	3.67	W	10	G			0.1	4	SPAIN. mbLg 2.4 (MDD).
	22	00	17	19.5&	47.858	N	1.543	W	5	G			0.8	8	FRANCE. ML 2.2 (LDG).
	22	02	10	39.5	1.032	S	120.428	E	10	G	4.5		1.1	33	SULAWESI, INDONESIA
	22	02	29	35.6?	16.68	N	60.90	W	33	N			0.1	5	LEEWARD ISLANDS. ML 2.2 (FDF).
	22	02	36	46.2&	60.288	N	151.764	W	82					43	KENAI PENINSULA, ALASKA. <AEIC>.
	22	03	15	53.6?	1.58	N	126.28	E	111	?	4.5		1.3	13	NORTHERN MOLUCCA SEA
a	22	03	45	02.6	22.795	S	170.010	E	19	G	5.8	6.0	1.1	355	LOYALTY ISLANDS REGION. Mw 6.3 (GS), 6.1 (HRV). Ms 5.9 (BRK). Mo=3.5*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	22	03	45	58.6*	40.144	N	21.813	E	10	G	3.5		1.3	12	GREECE. ML 3.3 (TIR).
	22	03	49	56.6	22.830	S	170.124	E	33	N	5.7	5.8	1.0	140	LOYALTY ISLANDS REGION. Ms 5.8 (BRK).
a	22	04	02	55.0	9.662	S	151.507	E	30	D	5.7	5.6	1.1	250	D'ENTRECASTEAUX ISLANDS REGION. Mw 6.1 (HRV). Ms 5.8 (BRK).
	22	04	38	57.2*	75.082	N	8.711	E	10	G	3.5		1.4	8	GREENLAND SEA
	22	05	58	13.3*	22.727	S	170.077	E	36	D	4.4		1.2	21	LOYALTY ISLANDS REGION
	22	06	49	23.7*	23.262	N	123.360	E	33	N	4.3		1.2	25	SOUTHWESTERN RYUKYU ISLANDS
	22	06	59	04.1	22.850	S	169.894	E	33	N	5.2		0.9	106	LOYALTY ISLANDS REGION
	22	07	10	25.1?	13.03	N	87.29	W	60	G	3.7		1.1	8	HONDURAS
	22	08	17	40.8*	6.977	S	147.185	E	118	*	4.1		1.0	10	EASTERN NEW GUINEA REG., P.N.G.
	22	09	42	56.9*	8.639	S	123.914	E	33	N	4.9		0.8	14	FLORES REGION, INDONESIA
a	22	09	43	11.8	22.642	S	169.662	E	33	N	5.3	5.0	0.9	56	LOYALTY ISLANDS REGION. Mw 5.2 (HRV).
a	22	09	47	14.1	11.590	N	125.621	E	33	N	5.0	4.7	0.8	97	SAMAR, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	22	10	13	06.9*	37.249	N	71.586	E	33	N	4.5		0.5	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	22	10	23	09.7	22.783	S	169.874	E	33	N	5.2		0.9	100	LOYALTY ISLANDS REGION
	22	11	16	54.7	45.631	N	14.244	E	29		3.9		1.1	131	NORTHWESTERN BALKAN REGION. ML 4.4 (VIE), 4.3 (FUR), 4.2 (LDG), 4.1 (ROM). Felt (VI) in the Ilirska Bistrica area, Slovenia. Also felt in the Rijeka area, Croatia.
	22	12	22	22.2*	40.045	N	21.600	E	10	G	3.9		1.1	9	GREECE. ML 3.4 (TIR).
	22	12	35	37.6?	23.41	S	170.15	E	33	N	4.3		0.8	11	LOYALTY ISLANDS REGION
	22	12	50	31.9	45.621	N	14.230	E	27				1.1	152	NORTHWESTERN BALKAN REGION. ML 4.9 (MOX), 4.8 (VIE), 4.8 (FUR), 4.6 (LDG), 4.6 (TIR). Felt (VI) in the Ilirska Bistrica area, Slovenia. Also felt at Karlovac, Pag, Rasa, Rijeka, Zagreb and Zakanj, Croatia.
	22	13	35	23.5*	45.615	N	14.248	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. MD 2.1 (LJU).
	22	13	53	24.9	45.622	N	14.211	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. MD 2.1 (LJU).
	22	14	57	39.0	45.636	N	14.243	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
	22	15	07	05.4*	27.923	S	176.619	W	72	?	4.7		1.1	42	KERMADEC ISLANDS REGION

	22	15	32	56.1	31.330	S	71.884	W	28	D	4.3		1.2	27	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN). Felt at Illapel, Los Vilos and Salamanca.
	22	15	36	20.6?	31.63	S	71.74	W	33	N			0.4	5	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	22	16	24	32.6&	59.904	N	153.421	W	126					69	SOUTHERN ALASKA. <AEIC>.
	22	16	27	36.3%	34.524	S	70.372	W	5	G			0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	22	16	31	26.3?	34.57	S	70.32	W	5	G			0.2	7	CHILE-ARGENTINA BORDER REGION
	22	17	46	51.7*	40.221	N	21.530	E	10	G	4.1		1.0	6	GREECE
	22	18	19	23.0?	22.44	S	171.15	E	33	N	3.8		1.2	6	LOYALTY ISLANDS REGION
a	22	19	26	55.0	11.585	N	125.549	E	33	N	5.0	4.6	0.8	102	SAMAR, PHILIPPINE ISLANDS. Mw 5.3 (HRV).
	22	19	34	44.8	12.218	N	125.558	E	33	N	4.5		0.8	25	SAMAR, PHILIPPINE ISLANDS
	22	20	05	19.3?	11.27	N	125.74	E	33	N	4.8		0.9	18	SAMAR, PHILIPPINE ISLANDS
	22	20	08	32.6	58.813	N	155.874	W	172		4.7		0.9	230	ALASKA PENINSULA. Felt at King Salmon.
	22	20	21	34.2	40.147	N	21.588	E	10	G	4.3		1.4	52	GREECE. ML 4.1 (ROM), 4.1 (TTG).
	22	20	55	09.5?	39.75	N	21.50	E	10	G	3.2		1.1	6	GREECE
	22	21	10	32.5	39.913	N	21.653	E	10	G	4.1		1.1	36	GREECE. ML 4.0 (ROM), 3.6 (TIR).
	22	22	09	06.1?	16.49	N	120.94	E	33	N	3.8		1.7	11	LUZON, PHILIPPINE ISLANDS
	22	22	20	18.8?	38.70	N	21.48	E	10	G	3.5		1.1	7	GREECE
	22	22	30	39.3	40.020	N	21.793	E	10	G	4.2		1.4	55	GREECE. ML 3.6 (TTG), 3.6 (TIR).
	22	22	46	11.4?	34.06	S	70.33	W	10	G			0.3	4	CHILE-ARGENTINA BORDER REGION
	22	23	05	16.7	35.488	N	8.157	E	39	*	4.1		1.5	91	TUNISIA
	23	01	00	58.1%	32.129	S	70.581	W	110	G			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	23	02	20	28.4*	51.397	N	16.308	E	10	G			1.2	7	POLAND
	23	02	43	21.9&	63.477	N	148.217	W	17					44	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	23	03	03	33.6	35.274	N	22.673	E	17		4.5		1.0	202	CENTRAL MEDITERRANEAN SEA. ML 4.9 (ROM).
	23	03	38	39.5%	37.514	N	3.451	W	10	G			0.5	10	SPAIN. mbLg 2.9 (MDD).
	23	04	24	39.1?	37.25	N	104.23	E	33	N			0.3	4	WESTERN NEI MONGOL, CHINA. ML 3.4 (BJI).
	23	04	37	38.2	40.110	N	21.704	E	10	G	4.4		1.3	48	GREECE. ML 4.1 (TIR).
	23	04	47	50.5?	24.32	S	170.61	E	33	N	4.6		0.8	13	LOYALTY ISLANDS REGION
	23	05	51	57.3	40.105	N	21.857	E	10	G	4.3		1.4	48	GREECE. ML 3.9 (TTG), 3.8 (TIR).
	23	06	04	38.3%	34.203	S	70.944	W	70	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	23	06	19	39.9%	61.577	N	6.474	E	10	G			0.6	6	SOUTHERN NORWAY. MD 1.9 (BER).
a	23	07	20	19.3	27.913	S	176.330	W	64	*	5.3		1.0	108	KERMADEC ISLANDS REGION. Mw 5.5 (HRV).
	23	07	42	45.5&	63.196	N	150.725	W	133					6	CENTRAL ALASKA. <AEIC>.
	23	07	54	13.4	5.466	S	147.442	E	220		4.5		0.9	23	EASTERN NEW GUINEA REG., P.N.G.
	23	08	18	48.1%	44.049	N	7.600	E	10	G			0.4	8	NORTHERN ITALY. ML 2.3 (GEN).
	23	08	25	58.1*	58.401	N	10.686	E	5	G			0.9	7	SWEDEN. MD 2.1 (BER). ML 2.2 (NAO).
	23	08	31	27.4*	9.148	N	84.100	W	33	N	4.7		1.0	44	COSTA RICA
	23	08	56	06.2%	34.067	S	70.093	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
a	23	10	01	28.4	43.655	N	141.736	E	17	D	5.5	5.3	0.9	453	HOKKAIDO, JAPAN REGION. Mw 5.6 (HRV). Four people slightly injured on Hokkaido. Felt (IV JMA) at Hokuryu and (III JMA) at Rumoi.
	23	10	49	56.9?	33.74	S	177.14	W	56	D	4.0		0.2	6	SOUTH OF KERMADEC ISLANDS
	23	11	14	59.0	5.398	N	125.418	E	224	*	4.6		1.0	31	MINDANAO, PHILIPPINE ISLANDS
	23	12	29	47.7*	20.377	S	177.626	W	467	?	4.3		1.1	28	FIJI ISLANDS REGION
	23	12	49	34.9*	5.640	S	148.369	E	137	*	4.5		1.2	19	NEW BRITAIN REGION, P.N.G.
	23	13	40	58.4*	3.080	S	129.995	E	33	N	4.1		1.0	10	SERAM, INDONESIA
	23	15	01	38.5?	32.59	S	71.81	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
a	23	15	48	05.7	51.138	N	177.124	W	31	D	5.4	4.9	0.9	344	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.4 (HRV). ML 5.2 (PMR). Felt (III) on Adak.
	23	17	17	29.0	32.455	N	93.560	E	33	N	4.8		1.0	12	XIZANG
	23	19	00	04.0&	33.310	N	118.296	W	0					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	23	20	09	52.1	39.924	N	21.625	E	10	G	4.5		1.4	101	GREECE. ML 4.4 (ROM), 4.3 (TIR), 4.1 (TTG).
	23	20	13	33.0?	6.82	S	146.96	E	33	N	3.3		1.0	4	EASTERN NEW GUINEA REG., P.N.G.
	23	20	59	48.6	39.834	N	21.664	E	10	G	4.2		1.2	85	GREECE. ML 4.2 (ROM), 4.2 (TIR), 4.1 (TTG).
	23	21	25	41.8*	20.982	S	70.565	W	40	*	4.5		1.1	22	NEAR COAST OF NORTHERN CHILE
	23	21	32	05.6	12.212	N	125.625	E	33	N	4.7		0.8	43	SAMAR, PHILIPPINE ISLANDS
a	23	22	10	11.8	55.945	S	3.361	W	10	G	5.4	6.5	1.3	80	SOUTHERN MID-ATLANTIC RIDGE. Mw 6.6 (GS), 6.8 (HRV). Mo=3.3*10**19 Nm (PPT).
	23	22	21	50.1	50.454	N	18.999	E	10	G			0.7	10	POLAND. ML 2.7 (CLL).
	23	22	42	22.0	40.858	N	1.596	E	10	G	4.4		1.0	70	BALEARIC ISLANDS. ML 4.2 (LDG). mbLg 4.0 (MDD). Felt (III) in the Tarragona area, Spain.
	23	23	06	28.7	19.843	N	121.435	E	33	N	4.5	4.8	0.8	35	PHILIPPINE ISLANDS REGION
	23	23	08	02.6?	18.07	N	62.00	W	60	G			0.4	4	LEEWARD ISLANDS. MD 3.5 (TRN).
	23	23	19	45.4*	55.440	S	1.547	W	10	G	4.3		0.7	16	BOUVET ISLAND REGION
	23	23	31	24.4?	55.60	S	2.50	W	10	G	4.2		0.8	7	SOUTHERN MID-ATLANTIC RIDGE
	23	23	38	31.5*	55.299	S	1.490	W	10	G	4.1		0.8	14	BOUVET ISLAND REGION
	24	00	05	35.1&	60.678	N	151.673	W	66					47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	00	31	38.0?	44.44	N	7.33	E	10	G			0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
	24	01	00	37.4	40.027	N	21.596	E	10	G	4.0		1.2	19	GREECE
	24	01	59	37.3?	20.31	S	177.61	W	468	?	4.3		0.9	16	FIJI ISLANDS REGION
	24	02	01	36.5&	40.308	N	124.451	W	19					21	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	24	02	04	47.2%	37.115	N	3.680	W	10	G			0.6	8	SPAIN. mbLg 2.8 (MDD).
	24	03	13	22.6?	10.45	N	61.65	W	33	N			0.4	4	TRINIDAD. MD 2.8 (TRN).
	24	03	40	26.7	39.708	N	20.397	E	5	G	3.5		0.5	16	GREECE-ALBANIA BORDER REGION. ML 3.4 (TIR). MD 3.4 (ATH).
	24	04	29	09.2?	18.73	N	66.45	W	80	G			0.1	5	PUERTO RICO REGION. MD 2.7 (MPR).
	24	05	05	13.6?	32.24	N	141.70	E	57	?	3.9		1.1	12	SOUTH OF HONSHU, JAPAN
	24	05	22	43.4	40.201	N	21.581	E	10	G	4.4		1.4	32	GREECE. ML 3.8 (ATH), 3.6 (TIR).
	24	05	32	37.2*	43.584	N	141.637	E	33	N	3.9		1.5	15	HOKKAIDO, JAPAN REGION
	24	05	43	24.1	40.168	N	21.518	E	5	G	3.9		1.3	11	GREECE. MD 3.2 (ATH).
	24	06	01	55.7	39.975	N	21.599	E	10	G	3.7		1.0	10	GREECE. ML 3.3 (TIR).
	24	06	18	00.2	39.957	N	21.668	E	5	G	2.8		1.2	11	GREECE. MD 3.1 (ATH).
	24	06	19	22.9*	39.940	N	21.534	E	5	G			0.7	5	GREECE. MD 3.0 (ATH).
	24	06	24	08.5	39.997	N	21.564	E	5	G	4.2		1.1	48	GREECE. ML 4.3 (TIR), 4.0 (ATH).
	24	06	25	22.3?	18.03	N	61.88	W	33	N			0.6	9	LEEWARD ISLANDS. MD 3.6 (TRN).
	24	06	30	18.0?	40.03	N	21.61	E	10	G	3.4		0.8	7	GREECE. MD 3.2 (ATH).
	24	06	33	06.4*	13.181	N	145.192	E	54	*	4.4		0.9	12	MARIANA ISLANDS
	24	06	34	26.7?	50.96	N	177.26	W	33	N	4.4		1.0	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	07	00	02.3	40.017	N	21.510	E	10	G	3.9		1.2	38	GREECE. ML 3.9 (ATH), 3.7 (TIR).
	24	07	55	59.2?	9.81	S	126.29	E	33	N	3.8		1.5	9	TIMOR REGION, INDONESIA
	24	08	00	25.6	39.995	N	21.604	E	5	G			0.8	6	GREECE. MD 3.6 (ATH).
	24	08	09	30.0	10.367	N	122.596	E	33	N	4.9	4.3	0.8	73	PANAY, PHILIPPINE ISLANDS. Felt at Iloilo.
	24	08	20	10.9*	40.091	N	21.620	E	5	G			0.6	5	GREECE. MD 3.0 (ATH).

	24	08	30	26.3	40.119	N	21.512	E	10	G	3.8		1.2	22	GREECE. ML 3.4 (TIR). MD 3.4 (ATH)
	24	08	57	12.7?	8.57	S	112.60	E	99	?	3.8		0.7	8	JAWA, INDONESIA
	24	08	57	26.9	40.158	N	21.600	E	5	G	2.9		1.0	14	GREECE. MD 3.1 (ATH).
	24	09	13	59.2*	40.100	N	21.866	E	5	G	2.8		1.1	5	GREECE. MD 2.9 (ATH).
	24	09	15	07.5?	40.13	N	22.09	E	10	G			0.1	4	GREECE. MD 3.2 (ATH).
	24	09	21	49.6*	40.107	N	21.797	E	10	G			1.4	5	GREECE. MD 3.1 (ATH).
	24	09	59	28.5*	50.305	N	18.895	E	10	G			0.9	7	POLAND. ML 3.2 (CLL).
	24	10	03	12.7	40.076	N	21.552	E	5	G			0.3	6	GREECE. MD 3.0 (ATH).
	24	10	14	43.5*	60.221	N	22.055	E	10	G			0.7	9	FINLAND. ML 2.7 (NAO).
	24	10	25	07.2*	40.121	N	21.469	E	5	G			0.6	5	GREECE. MD 3.0 (ATH).
	24	10	45	37.7	40.129	N	21.514	E	5	G	3.5		0.6	7	GREECE. MD 3.2 (ATH).
a	24	11	02	12.9&	61.007	N	150.119	W	42		5.3	5.0		394	SOUTHERN ALASKA. <AEIC>. Mw 5.6 (HRV). ML 5.5 (AEIC), 5.5 (PMR). Felt (V) at Anchorage, Chugiak, Moose Pass, Palmer and Tyonek; (IV) at Cooper Landing, Hope, Kenai, Seward, Sterling, Talkeetna and Willow. Also felt at Wasilla. Felt in much of south-central Alaska.
	24	11	11	00.6&	61.022	N	150.042	W	43					62	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC).
	24	11	22	42.9&	61.017	N	150.152	W	39					39	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	11	24	09.9&	61.024	N	150.080	W	41		4.5			155	SOUTHERN ALASKA. <AEIC>. ML 4.7 (AEIC), 4.5 (PMR). Felt (V) at Anchorage and Chugiak; (IV) at Cooper Landing, Hope, Kenai and Sterling; (III) at Moose Pass, Seward and Willow.
	24	11	25	19.9&	61.007	N	150.034	W	38					13	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	24	11	27	12.2&	60.999	N	150.120	W	39					43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	24	11	43	11.8*	40.011	N	21.741	E	5	G			1.5	6	GREECE
	24	11	43	52.8	39.990	N	21.582	E	5	G	3.3		0.7	10	GREECE. MD 3.3 (ATH).
	24	11	58	11.2&	61.015	N	150.143	W	40					42	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	12	02	00.1&	61.008	N	150.041	W	43		4.3			129	SOUTHERN ALASKA. <AEIC>. ML 4.2 (AEIC), 4.1 (PMR). Felt (III) at Anchorage.
	24	12	12	35.8&	61.010	N	150.062	W	43					50	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	12	55	46.7&	61.010	N	150.142	W	40					52	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
a	24	13	06	10.5	52.261	S	139.805	E	10	G	5.0	5.2	1.2	67	WEST OF MÀCQUARIE ISLAND. Mw 5.5 (HRV).
	24	13	18	06.3*	40.785	N	23.615	E	10	G			0.2	6	GREECE
	24	13	46	45.2*	16.517	N	79.679	E	33	N	4.6		1.2	9	SOUTHERN INDIA
	24	14	00	57.8*	40.026	N	21.718	E	10	G			1.1	5	GREECE. MD 3.0 (ATH).
	24	14	14	47.3*	40.006	N	21.681	E	10	G			1.5	5	GREECE. MD 3.0 (ATH).
	24	14	45	22.7	39.979	N	21.607	E	10	G	4.1		1.2	48	GREECE. ML 4.1 (ROM), 3.8 (ATH), 3.6 (TTG).
	24	15	07	38.7?	40.00	N	21.55	E	5	G	2.8		1.4	5	GREECE
	24	15	58	58.0	39.979	N	21.635	E	10	G	3.1		1.3	12	GREECE. MD 3.2 (ATH).
	24	16	08	54.0&	61.023	N	150.073	W	43					54	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	24	16	18	56.0	40.112	N	21.573	E	5	G	3.1		0.7	11	GREECE. MD 3.2 (ATH).
	24	16	22	33.4&	61.012	N	150.072	W	40		4.3			119	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.0 (PMR). Felt (III) at Anchorage.
	24	16	33	38.6&	44.314	N	8.261	E	10	G			0.5	6	NORTHERN ITALY. ML 2.3 (GEN).
	24	16	37	07.0&	61.013	N	150.095	W	41					43	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	24	16	47	00.5&	61.020	N	150.074	W	42					39	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	17	16	59.9&	61.012	N	150.066	W	41					48	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	24	17	32	16.6*	54.276	N	35.122	W	10	G	3.9		0.8	15	NORTH ATLANTIC OCEAN
	24	17	34	26.0	40.055	N	21.614	E	5	G	4.0		1.5	41	GREECE. ML 3.8 (ATH), 3.6 (TTG), 3.5 (TIR).
	24	17	43	21.1	43.898	N	8.705	E	10	G			1.0	19	CORSICA. ML 2.8 (GEN), 2.7 (LDG).
	24	18	05	16.1?	9.36	S	125.79	E	10	G			0.8	6	TIMOR REGION, INDONESIA
	24	18	13	57.0?	46.31	N	1.81	W	10	G			1.2	8	FRANCE. ML 2.8 (LDG).
	24	18	46	07.4*	8.959	N	126.606	E	33	N	4.0		0.9	11	MINDANAO, PHILIPPINE ISLANDS
	24	19	17	20.5	40.132	N	21.572	E	5	G			0.8	7	GREECE. MD 2.8 (ATH).
	24	19	29	07.6	40.131	N	21.707	E	5	G	3.2		1.2	9	GREECE. MD 3.1 (ATH).
	24	19	30	51.2?	43.53	N	17.04	E	10	G			1.4	6	NORTHWESTERN BALKAN REGION. ML 2.4 (LJU).
	24	19	45	11.5*	40.080	N	21.549	E	5	G			0.3	5	GREECE. MD 3.0 (ATH).
	24	20	07	59.6*	40.116	N	21.619	E	10	G			1.0	5	GREECE. MD 2.9 (ATH).
a	24	20	21	24.9	12.263	N	125.701	E	32	D	5.4	5.5	1.0	190	SAMAR, PHILIPPINE ISLANDS. Mw 5.9 (HRV).
	24	20	45	36.0	46.647	N	6.315	E	6		4.4		1.0	96	SWITZERLAND. ML 4.1 (LDG).
	24	21	11	41.5*	51.104	N	177.277	W	33	N	4.1		1.1	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	21	18	06.3%	33.126	S	70.250	W	10	G			0.2	5	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	24	21	22	44.1	40.120	N	21.590	E	5	G			0.6	8	GREECE. MD 3.2 (ATH).
	24	21	35	23.7*	40.062	N	21.613	E	10	G			0.6	5	GREECE. MD 2.8 (ATH).
	24	22	04	06.3?	44.15	N	7.60	E	5	G			0.2	4	NORTHERN ITALY. ML 1.5 (GEN).
	24	22	09	19.2	40.120	N	21.781	E	10	G			1.5	6	GREECE. MD 3.0 (ATH).
	24	22	21	26.5*	31.967	S	70.229	W	120	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	24	22	56	23.4&	59.727	N	152.525	W	93					45	SOUTHERN ALASKA. <AEIC>.
	24	23	34	17.8&	61.008	N	150.117	W	39					52	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	25	00	22	46.3*	16.741	N	146.288	E	145		4.5		0.9	22	MARIANA ISLANDS
	25	01	05	02.4	40.071	N	21.643	E	5	G			0.5	7	GREECE. MD 3.2 (ATH).
	25	01	31	11.1	12.122	N	125.670	E	30	D	5.0	4.5	0.9	93	SAMAR, PHILIPPINE ISLANDS
	25	01	32	07.5	43.588	N	2.489	E	5	G			1.1	12	FRANCE. ML 2.5 (LDG).
	25	01	40	29.2	40.201	N	21.643	E	5	G	3.3		0.6	8	GREECE. MD 3.2 (ATH).
	25	02	11	07.0	40.117	N	21.813	E	5	G			1.0	6	GREECE. MD 3.1 (ATH).
	25	02	21	29.1	44.423	N	7.303	E	10	G			0.3	15	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	25	02	44	00.7?	50.74	N	177.76	W	33	N	3.7		0.7	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	02	50	47.7	11.998	N	142.211	E	53	*	4.8		0.9	69	SOUTH OF MARIANA ISLANDS
	25	02	59	27.0	41.289	N	20.469	E	10	G			0.6	8	ALBANIA. ML 3.5 (SKO). MD 3.2 (ATH).
	25	03	02	01.1?	8.00	S	129.67	E	33	N	3.9		0.3	5	BANDA SEA
	25	03	14	54.1	18.947	S	175.570	W	246	D	4.6		1.1	71	TONGA ISLANDS
	25	03	44	12.4?	43.91	N	7.63	E	10	G			0.5	6	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
	25	03	53	54.9*	43.871	N	146.996	E	87	*	4.3		1.1	25	KURIL ISLANDS
	25	04	05	45.2	40.096	N	21.578	E	10	G	3.9		1.2	34	GREECE. MD 3.5 (ATH).
	25	04	23	51.8?	38.12	N	2.13	W	10	G			0.6	4	SPAIN. mbLg 2.7 (MDD).
	25	04	35	07.7	40.093	N	21.658	E	5	G	3.1		1.0	12	GREECE. MD 3.2 (ATH).
a	25	04	59	48.6	43.926	N	147.331	E	52	D	5.6		0.8	399	KURIL ISLANDS. Mw 5.6 (HRV).
	25	05	44	51.7	15.316	S	173.421	W	33	N	5.0	4.8	0.8	88	TONGA ISLANDS
	25	07	40	40.9?	19.80	S	168.11	E	33	N	4.5	4.0	0.7	17	VANUATU ISLANDS
	25	07	54	51.1*	23.076	S	169.514	E	33	N	4.0		1.4	12	LOYALTY ISLANDS REGION
	25	08	30	22.5	40.027	N	21.655	E	10	G	3.7		1.1	14	GREECE. MD 3.3 (ATH).
	25	08	33	57.9&	61.016	N	150.070	W	41		2.8			73	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.2 (PMR).
	25	08	48	13.6*	47.020	N	152.986	E	144	?	4.3		0.5	17	KURIL ISLANDS

	25	08	48	53.2	40.097	N	21.722	E	5	G	3.7	1.5	14	GREECE. MD 3.3 (ATH).
	25	09	05	01.0	40.017	N	70.190	E	43	*	4.4	1.1	46	TAJIKISTAN
	25	09	05	10.5*	40.064	N	21.451	E	5	G		0.6	5	GREECE. MD 2.9 (ATH).
a	25	09	11	34.8	40.214	N	143.364	E	29	D	5.4 5.5	0.8	331	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.7 (HRV).
	25	09	16	23.8&	60.057	N	153.698	W	163				53	SOUTHERN ALASKA. <AEIC>.
	25	09	29	55.0*	22.436	S	172.142	E	33	N	4.5 4.7	1.3	11	LOYALTY ISLANDS REGION
	25	09	42	33.8*	34.736	N	70.662	E	51	?	4.3	1.0	19	AFGHANISTAN
	25	09	52	57.5?	2.41	N	130.58	E	33	N	3.8	1.0	6	IRIAN JAYA REGION, INDONESIA
	25	10	12	59.9?	36.52	N	71.13	E	150	G	4.0	0.7	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	10	42	17.8	46.416	N	15.018	E	10	G		0.7	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
	25	10	44	06.1%	36.508	N	3.069	W	5	G		1.1	9	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	25	11	16	22.7%	44.436	N	8.538	E	5	G		0.3	6	NORTHERN ITALY. ML 2.1 (GEN).
	25	11	42	50.3*	39.954	N	21.741	E	33	N		1.4	6	GREECE
	25	12	23	24.1&	34.275	N	118.459	W	11				48	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt.
	25	13	34	19.1	32.338	N	141.622	E	33	N	4.8 4.2	1.0	90	SOUTH OF HONSHU, JAPAN
	25	13	53	47.5*	28.231	N	52.392	E	33	N	4.2	1.4	7	SOUTHERN IRAN
	25	14	08	05.3*	40.098	N	21.789	E	10	G		1.5	5	GREECE. MD 3.0 (ATH).
	25	14	22	32.6	42.995	N	78.831	W	5	G		0.9	13	NEW YORK. mbLg 2.6 (GS), 3.0 (OTT). Felt (IV) at Tonawanda and (III) at Getzville. Also felt at Buffalo. Felt at Fort Erie and St. Catherines, Ontario, Canada.
	25	14	24	25.2*	40.017	N	21.633	E	5	G		1.4	5	GREECE. MD 2.9 (ATH).
	25	14	45	21.8	64.001	N	149.130	W	10	G		0.7	6	CENTRAL ALASKA. ML 3.2 (PMR).
	25	14	45	58.4*	7.243	S	128.449	E	101	?	4.5	1.1	26	BANDA SEA
	25	14	48	34.1*	67.852	N	19.965	E	10	G		1.1	6	SWEDEN. ML 1.9 (NAO).
	25	14	55	34.7	39.987	N	21.666	E	5	G		1.1	6	GREECE. MD 3.1 (ATH).
	25	15	19	17.7	45.634	N	10.841	E	10	G		1.3	24	NORTHERN ITALY. ML 2.6 (LDG), 2.6 (VIE).
	25	15	40	42.6%	44.336	N	7.253	E	5	G		0.5	7	NORTHERN ITALY. ML 2.4 (GEN).
	25	16	09	39.9?	40.07	N	21.62	E	5	G		0.6	4	GREECE. MD 2.9 (ATH).
	25	16	13	51.2?	43.61	N	147.19	E	109	?	3.8	1.2	13	KURIL ISLANDS
	25	16	45	56.8	17.974	S	178.552	W	567		4.6	0.9	71	FIJI ISLANDS REGION
	25	17	00	38.3%	33.172	S	70.272	W	5	G	'	0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	25	17	02	10.1&	60.450	N	151.677	W	55				53	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	25	17	47	30.4	39.996	N	21.737	E	5	G		0.7	6	GREECE. MD 2.9 (ATH).
	25	17	50	32.7	39.974	N	21.616	E	5	G		0.8	6	GREECE. MD 3.0 (ATH).
	25	18	15	08.7	40.079	N	21.699	E	5	G		1.4	6	GREECE. MD 3.0 (ATH).
	25	18	18	20.1	20.328	N	120.952	E	23	D	4.9 4.4	0.9	128	PHILIPPINE ISLANDS REGION
	25	18	24	43.8	40.040	N	21.797	E	5	G		1.4	6	GREECE. MD 3.1 (ATH).
	25	18	40	35.0?	32.26	N	141.81	E	33	N	4.3	1.1	7	SOUTH OF HONSHU, JAPAN
	25	19	09	09.4	44.454	N	7.363	E	10	G		0.5	13	NORTHERN ITALY. ML 2.1 (GEN), 1.7 (LDG).
	25	19	43	38.9?	31.51	S	72.44	W	20	G		0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	25	20	20	05.3&	48.138	N	114.457	W	9	G			10	MONTANA. <BUT>. ML 3.4 (BUT), 3.3 (PGC), 3.2 (GS). Felt (III) at Kila and Marion. Also felt in the Kalispell area.
	25	20	32	11.0*	39.730	N	21.707	E	33	N		1.4	5	GREECE. MD 3.0 (ATH).
	25	21	01	45.9&	48.150	N	114.458	W	9	G			5	MONTANA. <BUT>. ML 2.9 (BUT), 3.0 (PGC), 2.6 (GS). Felt in the Smith Lake area.
	25	21	15	16.0?	34.56	S	70.29	W	5	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	25	21	24	57.0?	16.03	S	75.42	W	33	N	3.9	1.1	6	OFF COAST OF PERU. Felt (III) at Chala, Nazca and Yauca.
	25	21	37	20.3	40.057	N	21.701	E	5	G	3.3	1.2	15	GREECE. MD 3.2 (ATH).
	25	21	41	08.9*	40.009	N	21.754	E	5	G		1.1	6	GREECE. MD 2.9 (ATH).
	25	22	42	18.6*	40.112	N	21.721	E	5	G		0.3	5	GREECE. MD 3.0 (ATH).
	25	22	42	54.6*	6.899	N	73.181	W	169	*	3.8	1.4	8	NORTHERN COLOMBIA
	25	23	12	16.2	40.173	N	21.808	E	5	G	3.5	1.4	21	GREECE. MD 3.3 (ATH). ML 3.1 (TIR).
	25	23	12	58.5*	23.444	S	169.987	E	33	N	4.9 4.5	1.1	29	LOYALTY ISLANDS REGION
	25	23	34	44.9	39.605	N	20.434	E	5	G		1.0	15	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH).
	25	23	55	54.4&	48.140	N	114.478	W	9	G	3.4		11	MONTANA. <BUT>. ML 3.8 (BUT), 3.6 (PGC), 3.4 (GS). Felt at Kila and in the Kalispell area.
	26	01	38	33.7	40.060	N	21.645	E	5	G		1.0	7	GREECE. MD 2.9 (ATH).
	26	01	44	41.3&	66.389	N	155.307	W	7				26	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.7 (PMR).
	26	02	00	30.0?	35.28	S	71.32	W	110	G		0.3	10	CENTRAL CHILE. MD 3.2 (SAN).
	26	02	03	33.3?	45.44	N	151.04	E	33	N	4.4	0.8	10	KURIL ISLANDS
	26	02	29	09.1%	34.180	S	70.406	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	26	02	43	39.6*	40.150	N	21.804	E	10	G		0.6	5	GREECE. MD 2.9 (ATH).
	26	02	57	26.1	51.543	N	16.036	E	10	G	4.6	1.0	74	POLAND. ML 4.7 (GRF), 4.3 (VIE), 4.2 (MOX).
a	26	03	11	17.1	12.115	N	57.939	E	62	*	5.4	1.0	224	ARABIAN SEA. Mw 6.5 (HRV).
	26	04	43	51.7	41.825	N	126.281	W	10	G	3.5	0.7	65	OFF COAST OF NORTHERN CALIFORNIA. ML 3.5 (BRK).
	26	05	09	53.7*	18.970	S	168.540	E	33	N	4.8 4.7	1.3	30	VANUATU ISLANDS
	26	05	20	47.7	45.265	N	151.054	E	33	N	5.0 4.5	0.8	107	KURIL ISLANDS
	26	05	50	49.8?	40.00	N	21.48	E	33	N		0.8	4	GREECE. MD 3.0 (ATH).
	26	05	53	39.1*	33.134	S	71.704	W	33	N		0.5	11	NEAR COAST OF CENTRAL CHILE
	26	05	57	36.0?	43.07	N	126.15	W	10	G		0.4	36	OFF COAST OF OREGON
	26	06	00	39.4	22.940	S	169.843	E	22	D	5.2 4.9	0.9	66	LOYALTY ISLANDS REGION
	26	06	46	22.1	40.042	N	21.666	E	5	G		0.9	7	GREECE. MD 3.0 (ATH).
	26	07	09	24.8%	38.339	N	21.936	E	5	G		1.2	5	GREECE. MD 2.9 (ATH).
	26	08	08	34.9?	61.85	N	4.27	E	10	G		1.8	4	SOUTHERN NORWAY. MD 1.9 (BER).
	26	08	56	59.1?	33.13	N	135.27	E	33	N		0.8	6	NEAR S. COAST OF WESTERN HONSHU
	26	09	40	40.3%	44.392	N	7.369	E	12			0.4	10	NORTHERN ITALY. ML 2.0 (GEN).
	26	11	15	24.5?	40.76	N	27.12	E	10	G		0.7	4	TURKEY. MD 3.3 (ATH).
	26	11	29	07.7?	0.77	N	30.54	E	10	G	4.5	1.1	17	UGANDA
	26	11	31	16.6	40.267	N	21.706	E	10	G	3.1	1.0	13	GREECE. ML 3.7 (ATH), 3.4 (TIR).
	26	11	38	29.5?	30.59	N	140.05	E	153	?	4.5	0.4	9	SOUTH OF HONSHU, JAPAN
	26	12	45	13.2%	46.107	N	6.643	E	10	G		0.7	5	SWITZERLAND. ML 2.4 (LDG).
	26	13	40	09.6?	29.52	S	176.54	W	73	?	4.8	1.1	16	KERMADEC ISLANDS REGION
	26	14	48	35.4*	12.239	N	126.015	E	33	N	4.5 4.0	1.0	22	PHILIPPINE ISLANDS REGION
	26	14	52	52.3*	40.055	N	21.798	E	10	G		0.9	5	GREECE. MD 3.0 (ATH).
	26	14	56	47.9*	36.517	N	25.556	E	33	N	3.1	1.7	6	DODECANESE ISLANDS. ML 3.3 (ATH).
	26	15	54	54.5	40.153	N	21.471	E	10	G	3.9	1.1	18	GREECE. ML 3.6 (ATH), 3.4 (TIR).
	26	17	24	49.6*	9.687	S	151.583	E	75	*	3.9	0.4	7	D'ENTRECASTEAUX ISLANDS REGION
	26	17	39	52.3%	44.657	N	6.852	E	10	G		0.4	7	FRANCE. ML 2.5 (LDG).
	26	18	38	39.6?	40.19	N	21.58	E	10	G		1.1	4	GREECE. MD 3.0 (ATH).
	26	19	07	13.8*	51.110	N	16.045	E	10	G		1.1	5	POLAND

	26	20 15 22.5	12.272	N	125.655	E	32	D	4.7 4.2	0.9	45	SAMAR, PHILIPPINE ISLANDS
	26	20 17 14.3	46.376	N	7.227	E	5	G		0.7	8	SWITZERLAND. ML 2.2 (LDG).
	26	20 32 13.5&	46.335	N	2.521	E	10	G		0.4	11	FRANCE. ML 1.9 (LDG).
	26	21 34 10.2	40.293	N	21.699	E	5	G		1.0	6	GREECE. MD 3.1 (ATH).
	26	21 40 10.1	43.171	N	146.631	E	39	*	4.9 3.9	0.9	75	KURIL ISLANDS
	26	21 52 57.5	40.124	N	21.751	E	5	G		0.9	8	GREECE. MD 3.1 (ATH).
	26	22 27 18.9	40.066	N	21.602	E	5	G		0.4	6	GREECE. MD 3.0 (ATH).
	26	22 55 37.7?	30.22	N	131.90	E	33	N	4.2	1.1	5	KYUSHU, JAPAN
	26	22 58 52.6	40.082	N	21.648	E	5	G		1.1	6	GREECE. MD 2.9 (ATH).
	26	23 01 38.8	29.993	N	138.611	E	428	*	4.6	0.8	82	SOUTH OF HONSHU, JAPAN
	27	01 10 08.0*	40.106	N	21.711	E	5	G		0.4	5	GREECE. MD 2.9 (ATH).
	27	01 20 27.7&	44.242	N	8.205	E	10	G		0.3	8	NORTHERN ITALY. ML 1.9 (GEN).
	27	01 20 35.1	44.256	N	8.205	E	10	G		0.6	12	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	27	01 21 53.9&	44.244	N	8.208	E	10	G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
	27	01 27 46.3&	44.241	N	8.230	E	10	G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
	27	01 27 49.5	44.213	N	8.274	E	10	G		0.6	14	NORTHERN ITALY. ML 2.5 (GEN).
	27	01 28 42.5	44.245	N	8.219	E	10	G		0.6	11	NORTHERN ITALY. ML 1.9 (GEN), 1.9 (LDG).
	27	01 28 52.5&	44.233	N	8.229	E	10	G		0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
	27	01 29 42.9&	44.234	N	8.231	E	10	G		0.3	5	NORTHERN ITALY. ML 1.7 (GEN).
	27	01 29 54.8&	44.275	N	8.188	E	5	G		0.3	7	NORTHERN ITALY. ML 1.8 (GEN).
	27	01 30 43.5&	44.215	N	8.260	E	10	G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	27	01 30 44.7	44.250	N	8.212	E	10	G		0.5	12	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN).
	27	01 31 24.9&	44.241	N	8.222	E	10	G		0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
	27	01 37 23.8	44.233	N	8.200	E	10	G		0.5	12	NORTHERN ITALY. ML 1.9 (GEN), 1.8 (LDG).
	27	01 40 07.4	44.239	N	8.219	E	10	G		0.2	9	NORTHERN ITALY. ML 2.0 (LDG), 2.0 (GEN).
	27	01 40 20.7&	44.276	N	8.180	E	5	G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	27	01 48 26.0&	44.247	N	8.203	E	10	G		0.4	6	NORTHERN ITALY. ML 1.7 (GEN).
	27	01 49 16.8?	44.24	N	8.23	E	10	G		0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	27	01 49 25.4&	44.238	N	8.224	E	10	G		0.2	7	NORTHERN ITALY. ML 1.8 (GEN).
	27	02 12 04.3	44.261	N	8.223	E	10	G		0.5	13	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN).
	27	02 12 26.4&	44.248	N	8.230	E	10	G		0.3	10	NORTHERN ITALY. ML 2.0 (GEN).
	27	02 15 53.5	44.264	N	8.232	E	10	G		0.7	12	NORTHERN ITALY. ML 1.9 (LDG), 1.9 (GEN).
	27	02 26 13.5*	40.090	N	21.697	E	5	G		0.3	5	GREECE. MD 2.9 (ATH).
	27	02 39 02.0?	16.98	N	60.96	W	10	G		0.2	6	LEEWARD ISLANDS. ML 2.9 (FDF).
	27	02 45 39.9&	44.196	N	8.274	E	10	G		0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
	27	02 46 01.1&	44.220	N	8.258	E	10	G		0.2	6	NORTHERN ITALY. ML 1.6 (GEN).
	27	02 47 27.2?	44.25	N	8.22	E	5	G		0.4	4	NORTHERN ITALY. ML 1.5 (GEN).
	27	02 47 35.5&	44.235	N	8.220	E	10	G		0.3	7	NORTHERN ITALY. ML 1.8 (GEN).
	27	02 48 16.3?	44.25	N	8.26	E	10	G		0.3	4	NORTHERN ITALY. ML 1.6 (GEN).
	27	02 48 20.5?	44.25	N	8.22	E	10	G		0.4	4	NORTHERN ITALY. ML 1.7 (GEN).
	27	02 50 38.9&	44.249	N	8.205	E	10	G		0.4	7	NORTHERN ITALY. ML 1.9 (GEN).
	27	02 50 57.6&	44.250	N	8.220	E	10	G		0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
	27	02 51 15.7&	44.235	N	8.224	E	10	G		0.2	6	NORTHERN ITALY. ML 1.8 (GEN).
	27	02 51 35.4?	44.24	N	8.22	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).
	27	02 51 42.8?	44.23	N	8.27	E	10	G		0.7	4	NORTHERN ITALY. ML 1.3 (GEN).
	27	02 51 56.5	44.257	N	8.212	E	10	G		0.4	12	NORTHERN ITALY. ML 2.0 (GEN), 1.9 (LDG).
	27	02 52 23.1&	44.242	N	8.217	E	10	G		0.3	5	NORTHERN ITALY. ML 1.6 (GEN).
	27	03 03 01.1&	44.235	N	8.231	E	10	G		0.2	6	NORTHERN ITALY. ML 1.8 (GEN).
	27	03 05 23.7*	33.176	S	70.727	W	77	?		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	27	03 07 56.9	40.164	N	21.743	E	5	G		1.4	6	GREECE. MD 2.9 (ATH).
	27	03 28 00.8&	59.920	N	150.532	W	30				46	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	27	03 34 10.5&	44.251	N	8.207	E	10	G		0.4	6	NORTHERN ITALY. ML 1.8 (GEN).
	27	03 40 13.2*	44.242	N	8.226	E	10	G		0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	27	04 09 59.9*	40.149	N	21.621	E	5	G		0.4	5	GREECE. MD 2.9 (ATH).
	27	04 27 34.7*	40.293	N	21.624	E	5	G		1.0	5	GREECE. MD 3.0 (ATH).
	27	04 29 17.5	40.076	N	21.837	E	5	G		1.3	7	GREECE. MD 3.1 (ATH).
	27	04 54 29.9&	30.799	S	117.093	E	10	G		0.7	5	WESTERN AUSTRALIA
	27	05 14 27.1*	41.564	N	29.468	W	10	G	4.5	1.2	29	AZORES ISLANDS REGION
	27	05 49 43.1&	38.794	N	119.703	W	0		3.3		59	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.9 (GM). ML 4.0 (BRK), 3.9 (GS). Mo=7.8*10**14 Nm (BRK). Felt (IV) at Markleeville; (III) at Dardanelle and (II) at Truckee, California. Also felt at South Lake Tahoe, California. Felt (IV) at Gardnerville and (III) at Yerington, Nevada.
	27	05 52 55.9	40.001	N	21.596	E	5	G		1.3	9	GREECE. MD 3.3 (ATH).
	27	06 45 37.4&	40.511	N	123.559	W	26				25	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	27	07 16 12.3*	27.799	S	175.784	W	33	N	4.8 4.9	1.1	12	KERMADEC ISLANDS REGION
	27	07 20 20.1&	57.148	N	153.362	W	51		4.2		85	KODIAK ISLAND REGION. <AEIC>. ML 4.4 (AEIC), 4.5 (PMR). Felt (III) at Akhiok. Also felt at Kodiak.
	27	08 04 16.2&	33.742	S	70.404	W	100	G		0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	08 23 02.5*	32.275	N	141.673	E	33	N	4.1	1.3	8	SOUTH OF HONSHU, JAPAN
	27	08 34 38.3	30.488	N	50.817	E	51	*	4.6 3.8	1.1	42	NORTHERN IRAN
	27	09 06 10.5*	40.148	N	21.763	E	5	G		0.7	5	GREECE. MD 3.0 (ATH).
	27	10 35 59.7?	32.33	S	71.66	W	10	G		0.6	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	27	10 46 12.3	44.404	N	7.433	E	10	G		0.6	16	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
	27	11 02 02.1	26.225	S	28.216	E	5	G		1.1	13	REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE).
	27	11 44 34.9?	36.97	N	2.57	W	10	G		0.1	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
a	27	13 03 52.6	52.629	N	142.827	E	11	G	6.7 7.5	0.9	599	SAKHALIN ISLAND. Mw 7.1 (GS), 7.1 (HRV). Ms 7.3 (BRK). Mo=5.6*10**19 Nm (PPT). Mo=1.8*10**19 Nm (OBN). As many as 1,989 people killed, about 750 injured and severe damage (IX) in the Neftegorsk area. Some damage (VII) occurred at Okha. Felt (VI) at Moskalvo; (V) at Nikolayevsk-na-Amure and Nyvrovo; (IV) at Aleksandrovsk-Sakhalinskiy and Nysh. Surface faulting along a northeast-trending fault was observed south of Neftegorsk. Complex event. Depth from synthetics of broadband displacement seismograms.
	27	13 26 32.8*	53.098	N	143.188	E	33	N	4.7	1.0	39	SAKHALIN ISLAND
	27	13 37 40.0	52.514	N	143.192	E	33	N	4.5	0.4	19	SAKHALIN ISLAND
	27	14 05 09.6	44.016	N	7.590	E	5	G		0.3	12	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN)
	27	14 09 41.1?	43.63	N	10.38	E	10	G		0.9	6	CENTRAL ITALY
	27	14 19 08.3*	52.963	N	143.456	E	33	N	4.6	0.8	34	SAKHALIN ISLAND
	27	14 32 46.3	23.936	S	176.003	W	52		5.5	1.0	122	SOUTH OF FIJI ISLANDS

	27	14	35	38.2	23.963	S	175.875	W	85	?	5.5	1.1	85	TONGA ISLANDS REGION
	27	15	04	59.2*	39.984	N	21.494	E	5	G		1.0	5	GREECE. MD 2.9 (ATH).
	27	15	07	37.6?	52.77	N	143.03	E	33	N	4.0	1.2	8	SAKHALIN ISLAND
	27	15	12	10.3	18.052	N	66.872	W	10	G		0.8	10	PUERTO RICO REGION. MD 2.8 (MPR).
	27	15	13	11.8?	52.58	N	142.26	E	33	N	4.2	0.8	7	SAKHALIN ISLAND
	27	15	42	31.4	52.669	N	142.635	E	33	N	4.8	0.8	110	SAKHALIN ISLAND
	27	15	54	18.9*	12.901	N	90.685	W	33	N	3.4	0.3	11	OFF COAST OF CENTRAL AMERICA. MD 3.7 (SSS). Felt (II) at San Salvador, El Salvador.
	27	16	08	25.0?	32.69	S	71.84	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	27	16	17	28.8*	40.159	N	21.774	E	10	G		1.1	5	GREECE. MD 3.0 (ATH).
	27	16	55	20.0	32.977	S	68.999	W	5	G		0.7	12	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).
	27	17	00	46.5	40.098	N	21.730	E	10	G		1.3	6	GREECE. MD 2.9 (ATH).
	27	17	09	11.9?	15.62	S	173.73	W	33	N	4.1	1.5	9	TONGA ISLANDS
	27	17	29	07.6	20.405	N	65.354	W	10	G	3.2	0.6	16	NORTH ATLANTIC OCEAN. MD 3.7 (MPR).
a	27	18	11	11.9	23.013	N	121.434	E	29	D	5.2 5.6	1.2	136	TAIWAN. Mw 5.7 (HRV).
	27	18	19	08.0	36.023	N	21.564	E	44		4.0	0.9	59	SOUTHERN GREECE. MD 4.2 (ATH).
	27	18	34	26.7	22.907	N	121.433	E	10	G	4.3	1.2	23	TAIWAN REGION
	27	19	35	24.8?	40.13	N	21.63	E	5	G		0.2	4	GREECE. MD 2.8 (ATH).
	27	19	51	10.4&	36.170	N	89.430	W	6				16	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 3.0 (SLM). mbLg 3.8 (GS). Felt (V) at Tiptonville; (IV) at Ridgely; (III) at Bogota, Finley, Hornbeak and Lenox, Tennessee. Felt in the Troy-Union City area and at Reelfoot Lake State Park, Tennessee. Also felt in the New Madrid, Missouri area and in southern Graves County, Kentucky.
	27	19	53	24.4	52.638	N	142.837	E	33	N	4.9	0.7	124	SAKHALIN ISLAND
	27	20	15	34.4	19.707	S	168.967	E	75		5.4	0.9	246	VANUATU ISLANDS
	27	20	29	49.6&	34.181	S	70.580	W	100	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	27	20	47	32.2?	39.57	N	25.19	E	5	G		1.0	4	AEGEAN SEA. ML 3.2 (ATH).
	27	21	21	31.9	39.028	N	48.944	E	33	N	4.8 4.6	1.1	154	ARMENIA-AZERBAIJAN-IRAN BORD REG. Felt at Ardabil, Iran.
	27	21	35	29.8	35.946	N	28.494	E	81		4.2	1.1	128	EASTERN MEDITERRANEAN SEA. Felt on Rhodos, Greece.
	27	21	43	50.8&	44.468	N	7.297	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	27	22	17	57.4&	33.982	S	70.288	W	120	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	27	23	53	15.4*	40.116	N	21.649	E	5	G		0.2	5	GREECE. MD 2.9 (ATH).
	28	00	09	14.1*	12.621	S	166.402	E	81	D	4.3	1.0	20	SANTA CRUZ ISLANDS
	28	00	32	12.1&	61.162	N	152.317	W	118				54	SOUTHERN ALASKA. <AEIC>.
	28	00	34	04.9*	23.820	S	175.860	W	10	G	4.4	1.2	16	TONGA ISLANDS REGION
	28	01	02	00.1*	40.062	N	21.732	E	5	G		0.3	5	GREECE. MD 3.1 (ATH).
	28	01	03	48.6*	23.704	S	175.644	W	33	N	4.2	1.3	18	TONGA ISLANDS REGION
	28	01	12	07.3*	40.087	N	21.718	E	5	G		0.3	5	GREECE. MD 3.1 (ATH).
	28	01	29	02.0*	23.121	S	179.862	W	525	?	4.7	0.9	18	SOUTH OF FIJI ISLANDS
a	28	02	02	53.6	52.909	N	142.879	E	33	N	5.0 4.8	0.7	241	SAKHALIN ISLAND. Mw 5.0 (HRV). Felt at Neftegorsk.
	28	02	27	46.4	52.984	N	142.861	E	33	N	4.2	0.7	23	SAKHALIN ISLAND
	28	02	37	59.5?	53.49	N	143.23	E	33	N	3.5	1.4	8	SAKHALIN ISLAND
	28	02	42	27.1	6.783	S	107.277	E	116	D	5.1	1.0	151	JAWA, INDONESIA. Felt in the Sukabumi area.
	28	02	57	02.6?	52.67	N	142.90	E	33	N	4.0	0.7	15	SAKHALIN ISLAND
	28	04	18	15.7*	39.959	N	21.744	E	5	G		1.5	5	GREECE. MD 3.1 (ATH).
	28	04	39	45.0?	31.84	S	177.99	W	33	N	4.9	0.9	9	KERMADEC ISLANDS REGION
	28	05	01	05.9?	20.19	N	98.15	E	33	N		0.5	14	MYANMAR
	28	05	14	44.0	40.152	N	21.721	E	5	G		0.9	8	GREECE. MD 3.2 (ATH).
	28	05	34	29.7&	61.014	N	150.056	W	42		4.3		104	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR). Felt (III) at Anchorage and Cooper Landing.
	28	05	51	04.2	40.065	N	21.682	E	5	G		1.3	6	GREECE. MD 2.9 (ATH).
a	28	05	52	16.1	24.004	S	175.884	W	33	N	5.0 5.4	1.1	62	SOUTH OF TONGA ISLANDS. Mw 5.2 (HRV).
a	28	05	57	40.7	23.986	S	175.972	W	33	N	5.2 5.3	1.1	136	TONGA ISLANDS REGION. Mw 5.6 (HRV).
	28	06	00	01.3	39.979	N	21.612	E	5	G		1.2	7	GREECE. MD 3.0 (ATH).
	28	06	08	05.9*	40.002	N	21.569	E	5	G		0.6	5	GREECE. MD 3.0 (ATH).
	28	06	23	52.9*	12.574	N	125.559	E	33	N	4.5 4.3	0.8	13	SAMAR, PHILIPPINE ISLANDS
	28	06	36	55.9	28.146	N	129.993	E	31		4.5 4.8	1.0	66	RYUKYU ISLANDS
	28	06	42	33.0	9.985	S	160.854	E	91	*	4.5	0.8	40	SOLOMON ISLANDS. Felt at Honiara.
	28	07	25	24.6*	40.157	N	21.573	E	5	G		1.5	5	GREECE
	28	07	56	53.0?	33.73	N	5.08	W	30	*	3.0	1.1	8	MOROCCO
	28	08	27	54.6*	28.104	N	129.990	E	33	N	4.2	0.7	19	RYUKYU ISLANDS
	28	08	42	20.1*	52.679	N	142.826	E	33	N	4.0	0.6	12	SAKHALIN ISLAND
	28	08	45	54.7*	62.327	N	4.984	E	10	G		0.7	12	NORWEGIAN SEA. MD 2.6 (BER). ML 2.3 (NAO).
	28	09	16	07.1*	28.084	N	130.058	E	40	*	4.3	1.0	28	RYUKYU ISLANDS
	28	09	22	45.7?	34.15	S	72.02	W	33	N		0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	28	09	38	45.9?	0.98	S	21.41	W	10	G	3.7	0.9	9	CENTRAL MID-ATLANTIC RIDGE
	28	09	43	28.9	32.883	S	70.702	W	64	*		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	28	09	54	12.1	23.797	S	176.137	W	37	D	4.7 4.2	0.9	28	SOUTH OF FIJI ISLANDS
	28	09	57	19.1*	23.181	N	121.330	E	81	*	4.1	1.2	24	TAIWAN
	28	10	16	39.2*	22.749	N	121.266	E	76	*	4.1	1.5	31	TAIWAN REGION
	28	10	53	23.5?	33.32	S	72.02	W	33	N		0.6	11	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	28	11	14	03.2&	33.626	S	71.427	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	28	11	45	34.6*	52.595	N	143.158	E	33	N	4.1	1.0	18	SAKHALIN ISLAND
	28	11	54	29.7&	59.577	N	153.056	W	97				51	SOUTHERN ALASKA. <AEIC>.
	28	12	10	52.5?	36.88	N	7.96	W	10	G		1.4	7	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
	28	12	55	38.1	22.861	N	121.419	E	52	*	4.2	1.2	30	TAIWAN REGION
	28	13	46	48.3	53.065	N	142.846	E	33	N	4.1	1.1	25	SAKHALIN ISLAND
	28	13	55	34.9*	29.367	S	176.600	W	169	?	4.4	1.0	21	KERMADEC ISLANDS REGION
	28	14	05	11.0*	23.592	S	175.853	W	33	N	4.8 4.5	1.4	35	TONGA ISLANDS REGION
	28	14	16	14.2	32.305	N	141.590	E	33	N	4.4	0.9	27	SOUTH OF HONSHU, JAPAN
	28	15	17	14.1&	46.170	N	2.718	E	10	G		0.4	9	FRANCE. ML 1.7 (LDG).
	28	15	28	36.9*	33.191	N	87.827	W	1	G		0.4	7	ALABAMA. mbLg 3.4 (GS). Felt in Tuscaloosa County. Possible mine collapse.
	28	15	31	53.8*	25.200	N	125.865	E	33	N	4.0	1.4	20	SOUTHWESTERN RYUKYU ISLANDS
	28	15	35	05.2?	34.22	S	71.63	W	50	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
a	28	16	02	59.1	7.322	S	128.529	E	139		5.3	1.1	191	BANDA SEA. Mw 5.0 (HRV).
	28	16	12	52.1&	38.836	N	122.821	W	1				33	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
	28	16	14	43.4	38.947	N	25.019	E	33	N		0.8	8	AEGEAN SEA. ML 3.2 (ATH).
	28	17	22	58.1	11.280	N	86.773	W	33	N	4.8	1.1	45	NEAR COAST OF NICARAGUA
	28	18	05	27.9*	0.004	S	125.114	E	84	?	4.1	1.0	17	SOUTHERN MOLUCCA SEA

	28	19	20	51.1?	14.84	N	61.12	W	10	G			0.4	4	WINDWARD ISLANDS. ML 1.7 (FDF).
	28	19	22	39.9?	14.88	N	61.13	W	10	G			0.3	4	WINDWARD ISLANDS. ML 1.4 (FDF).
	28	19	56	42.2	38.417	N	21.986	E	28		4.6		1.1	152	GREECE. ML 4.3 (THE), 4.3 (TTG), 4.2 (SKO). Felt at Aiyion and Patras.
a	28	19	59	12.8	28.978	S	71.217	W	42	G	5.7	5.0	1.1	226	NEAR COAST OF CENTRAL CHILE. Mw 5.7 (GS), 5.5 (HRV). Ms 4.8 (BRK). Felt (V) at Copiapo, Tierra Amarilla and Vallenar; (IV) at Coquimbo. Depth from broadband displacement seismograms.
	28	20	03	31.8%	15.064	N	61.127	W	10	G			0.8	7	LEEWARD ISLANDS. ML 2.5 (FDF).
	28	20	09	14.0	38.385	N	21.884	E	5	G			1.0	6	GREECE. MD 3.0 (ATH).
	28	20	32	11.4*	40.294	N	21.732	E	10	G			1.2	5	GREECE. MD 3.1 (ATH).
	28	20	47	56.8	37.182	N	117.746	W	5	G			0.7	23	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
	28	20	48	05.0	52.623	N	142.795	E	33	N	4.9		0.8	171	SAKHALIN ISLAND
	28	21	39	53.1*	55.225	N	21.831	E	10	G			1.0	6	BALTICS-BELARUS-NW RUSSIA REG. ML 2.0 (NAO).
	28	21	46	55.3	47.614	N	85.526	E	24	D	4.8	4.6	1.2	145	KAZAKHSTAN-XINJIANG BORDER REG.
	28	22	02	31.8*	41.402	N	144.437	E	35	*	4.3		1.0	19	HOKKAIDO, JAPAN REGION
	28	23	20	06.9*	29.624	N	99.127	E	33	N	4.5		1.3	12	SICHUAN, CHINA
	28	23	57	59.2	45.600	N	14.289	E	10	G			1.1	9	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.5 (TRI).
	29	00	07	55.9%	37.417	N	1.972	W	10	G			1.1	6	SPAIN. mbLg 2.0 (MDD).
	29	00	57	02.0	51.687	N	16.060	E	10	G			1.0	11	POLAND. ML 2.3 (CLL).
	29	00	58	52.5*	30.604	S	178.991	W	183	*	4.7		1.2	30	KERMADEC ISLANDS, NEW ZEALAND
	29	01	03	52.0?	11.44	N	85.88	W	189	D	4.5		1.4	15	NICARAGUA
	29	01	28	09.0*	18.898	N	97.803	E	33	N	4.0		1.2	7	MYANMAR
	29	01	40	53.6%	46.090	N	3.080	E	10	G			0.4	11	FRANCE. ML 2.0 (LDG).
	29	02	03	07.7%	17.274	N	62.060	W	70	G			0.9	8	LEEWARD ISLANDS. MD 2.2 (TRN).
	29	02	07	02.3*	40.038	N	21.603	E	5	G			1.9	6	GREECE. MD 2.9 (ATH).
	29	02	48	20.2*	52.913	N	143.016	E	33	N	4.2		1.0	14	SAKHALIN ISLAND
	29	02	55	56.6	40.033	N	21.663	E	5	G			1.1	6	GREECE. MD 2.9 (ATH).
	29	03	04	49.9?	35.71	S	178.38	E	234	?	3.8		0.9	13	OFF E. COAST OF N. ISLAND, N.Z.
	29	03	15	53.8*	12.509	N	59.488	W	33	N	3.5		0.7	7	WINDWARD ISLANDS. MD 3.6 (TRN).
	29	03	16	22.7?	40.14	N	21.49	E	5	G			0.6	4	GREECE. MD 2.8 (ATH).
	29	03	47	05.3?	40.00	N	21.52	E	5	G			0.8	4	GREECE. MD 2.9 (ATH).
	29	04	55	53.5&	61.021	N	150.128	W	43					47	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
a	29	04	58	32.4	35.039	N	32.246	E	10	G	5.3	4.9	1.1	403	CYPRUS REGION. Mw 5.3 (HRV). ML 5.1 (BHL), 5.0 (CSS), 5.0 (JER). Slight damage to some houses in the Paphos area. Felt (V) at Kykkos; (IV) at Limassol, Paphos, Polis and Stroumbi; (III) at Larnaca and Nicosia.
	29	06	10	34.8	41.684	N	143.775	E	34		4.8	5.0	1.1	86	HOKKAIDO, JAPAN REGION
	29	06	52	27.2	37.905	N	12.073	E	12		4.8	4.2	1.3	178	SICILY
	29	06	54	42.9*	27.761	S	177.420	W	73	?	4.3		1.0	15	KERMADEC ISLANDS REGION
	29	06	56	05.8?	18.81	N	67.77	W	10	G			0.9	6	MONA PASSAGE
a	29	07	29	45.7	10.246	S	164.001	E	26	D	5.9	6.4	1.1	287	SANTA CRUZ ISLANDS REGION. Mw 6.3 (GS), 6.3 (HRV). Ms 6.4 (BRK). Mo=4.7*10**18 Nm (PPT). Two events about 2.5 seconds apart observed on broadband displacement seismograms.
	29	07	43	31.9	10.466	S	163.740	E	17	*	5.1		1.1	63	SOLOMON ISLANDS
	29	08	21	50.1	40.100	N	21.551	E	10	G			0.2	6	GREECE. MD 3.1 (ATH).
	29	08	51	32.9&	61.017	N	150.130	W	38					55	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 2.9 (PMR). Felt in the Anchorage area.
a	29	09	06	22.7	10.164	N	104.025	W	33	N	5.0	5.0	0.9	97	OFF COAST OF MEXICO. Mw 5.7 (HRV).
a	29	10	06	41.6*	43.050	S	171.511	E	10	G	4.5	4.8	1.5	34	SOUTH ISLAND, NEW ZEALAND. Mw 5.5 (HRV). Felt in the northern part of the South Island.
	29	10	21	34.2	52.686	N	142.850	E	33	N	5.3		0.7	329	SAKHALIN ISLAND
	29	10	50	34.6?	5.56	S	135.03	E	33	N	4.8		1.2	8	IRIAN JAYA REGION, INDONESIA
	29	11	05	28.3&	59.554	N	153.029	W	100					40	SOUTHERN ALASKA. <AEIC>.
	29	11	10	30.2	40.001	N	21.811	E	5	G			0.3	6	GREECE. MD 2.9 (ATH).
	29	11	48	52.7*	10.891	S	163.636	E	33	N	4.0		1.4	14	SOLOMON ISLANDS
	29	13	03	02.8%	37.706	N	22.831	E	33	N			1.4	5	SOUTHERN GREECE. MD 3.0 (ATH).
	29	13	12	11.1	7.113	S	129.538	E	180	*	4.2		1.3	17	BANDA SEA
	29	13	33	12.3*	36.536	N	140.776	E	66	*	4.5		0.6	14	NEAR EAST COAST OF HONSHU, JAPAN
a	29	14	02	32.6	32.342	N	141.601	E	33	N	5.1	4.6	0.9	153	SOUTH OF HONSHU, JAPAN. Mw 5.2 (HRV).
	29	15	22	26.1*	0.000	N	125.334	E	100	*	3.8		1.1	14	NORTHERN MOLUCCA SEA
	29	15	52	32.0&	61.009	N	150.130	W	41		2.8			92	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.5 (PMR). Felt at Anchorage.
	29	16	21	25.0%	36.831	N	3.891	W	5	G			0.7	11	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	29	16	25	34.1%	36.826	N	3.921	W	5	G			0.8	6	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	29	16	51	07.1*	40.145	N	21.600	E	5	G			0.7	5	GREECE. MD 3.0 (ATH).
	29	16	52	01.4?	2.24	S	128.66	E	33	N	4.2		0.9	10	CERAM SEA
	29	17	02	02.0*	23.434	S	170.789	E	33	N	4.3		1.3	24	LOYALTY ISLANDS REGION
	29	17	57	51.0&	37.534	N	118.832	W	9					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.9 (GS).
	29	18	01	56.2*	40.135	N	21.572	E	5	G			0.2	5	GREECE. MD 3.1 (ATH).
	29	18	12	30.8	10.960	N	126.074	E	33	N	4.7		0.9	42	PHILIPPINE ISLANDS REGION
	29	18	58	22.0*	40.028	N	21.540	E	5	G			0.5	5	GREECE. MD 3.1 (ATH).
	29	19	35	53.4&	61.662	N	149.654	W	32					48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR). Felt (II) at Wasilla.
	29	20	03	41.8%	33.897	S	70.855	W	80	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	29	20	08	13.1	40.169	N	21.612	E	5	G			0.7	12	GREECE. MD 3.4 (ATH).
	29	20	28	51.1?	7.08	S	125.12	E	521	?	4.9		0.6	8	BANDA SEA
	29	20	44	23.5	40.279	N	16.049	E	10	G	4.0		1.1	102	SOUTHERN ITALY. ML 4.1 (THE), 4.0 (TTG). MD 3.9 (ROM).
	29	22	24	43.9&	60.137	N	152.021	W	60					36	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	23	52	08.1?	51.50	N	16.27	E	10	G			0.9	4	POLAND
a	30	00	41	21.8	10.109	N	104.121	W	10	G	4.9	4.8	1.1	69	OFF COAST OF MEXICO. Mw 5.2 (HRV).
	30	00	55	57.6?	40.16	N	21.50	E	10	G			0.7	4	GREECE. MD 2.9 (ATH).
	30	00	58	32.4&	63.252	N	151.169	W	5					41	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	01	15	13.9*	6.904	S	129.383	E	128	?	4.8		0.8	17	BANDA SEA
	30	01	44	56.1&	33.500	N	116.825	W	14					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt in the Palm Desert and Palm Springs areas.
	30	01	57	01.6	37.622	N	21.147	E	5	G			1.1	21	SOUTHERN GREECE. ML 3.4 (ATH).
	30	02	01	37.1*	40.126	N	21.559	E	5	G			0.4	5	GREECE. MD 3.0 (ATH).
	30	02	14	33.4*	40.048	N	21.622	E	5	G			0.9	5	GREECE. MD 2.9 (ATH).
	30	02	24	46.6*	16.313	S	174.859	W	271	*	4.3		1.1	63	TONGA ISLANDS
	30	03	18	17.9	27.391	S	176.400	W	33	N	4.3		0.9	15	KERMADEC ISLANDS REGION

	30	03	36	05.5	43.312	N	12.712	E	5	G		0.7	27	CENTRAL ITALY. ML 3.3 (VIE), 3.2 (LDG).
	30	03	42	21.7	32.827	S	70.326	W	100	G		0.2	12	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	30	03	58	48.7?	24.43	S	66.83	W	182	?	4.1	0.9	6	SALTA PROVINCE, ARGENTINA
	30	04	00	14.6*	56.379	N	10.584	E	10	G		0.1	6	DENMARK. MD 3.2 (BER). ML 2.7 (NAO).
	30	04	07	02.0*	40.019	N	21.670	E	5	G		0.3	5	GREECE. MD 3.3 (ATH).
a	30	04	12	44.2	29.437	N	138.521	E	470		5.0	0.9	212	SOUTH OF HONSHU, JAPAN. Mw 5.2 (HRV).
	30	04	27	33.1?	39.98	N	21.49	E	5	G		0.8	4	GREECE. MD 3.0 (ATH).
	30	04	43	46.2*	75.844	N	12.354	E	33	N		1.1	11	SVALBARD REGION. MD 2.5 (BER).
	30	04	58	32.1*	11.975	N	125.711	E	33	N	4.5	0.9	29	SAMAR, PHILIPPINE ISLANDS
	30	05	10	02.9&	63.215	N	151.350	W	25				10	CENTRAL ALASKA. <AEIC>. ML 2.1 (AEIC), 2.7 (PMR).
	30	05	22	10.7	53.015	N	142.922	E	33	N	4.1	1.0	20	SAKHALIN ISLAND
	30	05	25	46.0&	37.448	N	118.830	W	15				44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	30	05	39	26.5	43.360	N	12.621	E	10	G	3.8	1.0	56	CENTRAL ITALY. ML 3.5 (LDG), 3.5 (VIE), 3.3 (ROM).
	30	06	21	06.9	40.206	N	21.556	E	10	G		1.4	27	GREECE. MD 3.3 (ATH).
	30	06	44	53.3?	5.65	S	154.08	E	102	?	3.5	0.5	8	SOLOMON ISLANDS
	30	06	45	59.0	40.108	N	21.351	E	5	G	4.1	1.3	22	GREECE. ML 3.8 (ATH), 3.7 (TIR).
	30	07	06	46.7*	5.573	S	68.553	E	10	G	4.4	1.4	29	CHAGOS ARCHIPELAGO REGION
	30	07	51	58.7	20.386	N	121.006	E	10	G	4.4	0.9	39	PHILIPPINE ISLANDS REGION
	30	07	58	42.5*	40.097	N	21.701	E	5	G		0.5	5	GREECE. MD 2.9 (ATH).
	30	08	38	13.0*	43.070	N	17.616	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION
	30	09	06	31.8	38.524	N	21.878	E	5	G		0.8	8	GREECE. MD 3.1 (ATH).
a	30	09	09	18.6	6.992	S	123.665	E	631		5.3	1.0	143	BANDA SEA. Mw 5.2 (HRV).
	30	09	41	31.6*	9.067	S	117.945	E	84	?	4.2	0.8	10	SUMBAWA REGION, INDONESIA
	30	10	19	11.3*	12.035	N	125.471	E	33	N	4.4	0.7	18	SAMAR, PHILIPPINE ISLANDS
	30	11	02	16.9	44.118	N	12.011	E	10	G		1.2	14	NORTHERN ITALY. ML 2.9 (LDG).
	30	11	05	51.5	23.925	N	122.712	E	53	*	4.3 4.2	1.0	44	TAIWAN REGION
	30	11	53	27.4?	36.78	N	3.80	W	10	G		0.1	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	30	12	06	42.2	40.029	N	21.664	E	10	G		1.4	88	GREECE. ML 4.1 (ATH), 4.1 (TIR), 3.9 (TTG). Felt strongly in the Grevena area. Also felt at Kozani.
	30	12	11	19.1	6.888	N	76.777	W	51	*	4.6	1.1	49	NORTHERN COLOMBIA
	30	12	13	40.1?	51.40	N	16.18	E	10	G		1.2	5	POLAND. ML 2.6 (MOX).
	30	12	24	28.7	43.752	N	7.594	E	10	G		0.8	15	NEAR SOUTH COAST OF FRANCE. ML 2.5 (GEN), 2.5 (LDG).
	30	12	38	03.5*	31.193	S	67.429	W	114	?		1.1	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).
	30	13	19	04.9?	51.72	N	142.53	E	33	N	4.1	0.9	14	SAKHALIN ISLAND
	30	14	10	05.1	15.152	S	167.409	E	112	?	4.5	1.0	56	VANUATU ISLANDS
	30	14	23	55.7	11.047	N	126.150	E	38	D	4.9 4.4	1.0	74	PHILIPPINE ISLANDS REGION
	30	14	30	01.2	40.002	N	21.464	E	10	G	4.3	1.2	63	GREECE. ML 4.0 (ATH).
	30	14	40	41.6*	50.157	N	18.905	E	10	G		1.1	5	POLAND. MG 2.6 (WAR).
	30	16	15	33.9	43.341	N	146.908	E	54	D	5.1	0.9	232	KURIL ISLANDS
a	30	16	56	24.7	60.229	S	31.548	W	33	N	5.4 5.3	0.9	125	SCOTIA SEA. Mw 5.6 (HRV).
	30	17	50	51.8*	39.989	N	21.627	E	5	G		1.2	6	GREECE. MD 2.9 (ATH).
	30	18	13	39.8	5.087	S	152.126	E	81	*	4.5	0.8	32	NEW BRITAIN REGION, P.N.G.
	30	18	17	36.4*	32.806	S	71.028	W	10	G		1.2	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	30	18	20	52.3*	40.008	N	21.766	E	5	G		1.6	6	GREECE. MD 2.8 (ATH).
	30	18	50	18.5?	10.41	N	87.49	W	33	N	4.0	1.6	12	OFF COAST OF COSTA RICA
	30	19	18	06.1?	40.15	N	21.53	E	10	G		0.4	4	GREECE. MD 2.9 (ATH).
	30	19	32	53.0	34.736	S	70.821	W	112		4.1	0.9	22	CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	30	19	40	22.4&	60.088	N	152.853	W	106		4.7		109	SOUTHERN ALASKA. <AEIC>.
	30	19	56	42.1?	40.04	N	21.63	E	10	G		1.0	4	GREECE. MD 2.8 (ATH).
	30	19	59	21.3*	39.997	N	21.743	E	5	G		1.0	6	GREECE. MD 3.1 (ATH).
	30	20	19	04.3?	31.55	S	70.87	W	80	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	30	20	46	44.6	40.007	N	21.709	E	5	G		1.1	10	GREECE. MD 3.2 (ATH).
	30	20	57	43.1*	23.142	S	175.920	W	10	G	4.5	1.0	14	TONGA ISLANDS REGION
	30	21	00	47.5	52.886	N	143.183	E	33	N	4.0	1.3	33	SAKHALIN ISLAND
	30	21	53	02.1?	4.40	N	126.83	E	33	N	4.0	0.8	9	TALAUD ISLANDS, INDONESIA
	30	21	56	14.4	39.998	N	21.656	E	5	G		0.8	6	GREECE. MD 2.9 (ATH).
	30	22	28	16.2?	40.11	N	21.58	E	10	G		1.5	4	GREECE. MD 2.9 (ATH).
	30	23	29	21.4&	59.733	N	152.594	W	89				43	SOUTHERN ALASKA. <AEIC>.
	30	23	35	32.6	39.978	N	21.757	E	5	G		1.0	6	GREECE. MD 2.9 (ATH).
	30	23	43	51.8?	27.14	N	95.66	E	33	N	4.9	1.5	11	MYANMAR-INDIA BORDER REGION
	31	00	07	41.6	1.677	S	77.966	W	180	?	4.1	0.8	25	ECUADOR
	31	00	21	27.1	38.017	N	12.118	E	10	G		1.2	23	SICILY. ML 3.1 (ROM).
	31	00	30	58.4*	23.358	S	170.608	E	33	N	4.3 4.6	1.4	22	LOYALTY ISLANDS REGION
	31	00	42	40.1	67.811	N	20.404	E	10	G		1.2	7	SWEDEN. MD 2.5 (BER).
a	31	00	46	11.7	9.058	N	126.279	E	79	*	4.9	1.0	82	MINDANAO, PHILIPPINE ISLANDS. Mw 5.1 (HRV).
	31	01	10	06.1	15.928	S	173.820	W	89	*	4.9	0.8	79	TONGA ISLANDS
	31	02	00	22.7*	5.977	S	148.442	E	111	*	3.8	1.1	17	NEW BRITAIN REGION, P.N.G.
	31	03	05	44.8%	39.617	N	1.050	W	10	G		0.5	8	SPAIN. mbLg 2.7 (MDD).
	31	03	14	28.5	32.474	S	71.154	W	10	G		1.0	11	NEAR COAST OF CENTRAL CHILE
	31	03	19	39.8*	32.700	S	71.149	W	10	G		1.2	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	31	03	38	01.3&	50.949	N	130.676	W	10	G	4.9 4.6		217	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.8 (PGC). Mo=5.0*10**16 Nm (PGC).
	31	03	40	25.2&	62.012	N	150.497	W	5				69	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR). Felt (III) at Kashwitna, Talkeetna and Willow.
	31	04	19	43.2	11.965	N	125.377	E	33	N	4.5	1.0	26	SAMAR, PHILIPPINE ISLANDS
	31	04	34	40.4*	17.264	S	179.129	W	533	?	4.3	0.9	15	FIJI ISLANDS REGION
	31	04	43	48.1?	34.67	S	72.01	W	63	?		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	31	05	39	05.7?	32.12	S	70.96	W	80	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	31	06	04	05.9	46.118	N	14.539	E	10	G		1.1	21	NORTHWESTERN BALKAN REGION. ML 3.6 (MOX). MD 3.6 (LJU). Felt (V) in the Menges area.
	31	06	13	41.1?	8.61	S	120.74	E	175	?	3.6	0.4	6	FLORES REGION, INDONESIA
	31	06	15	00.6*	53.079	N	142.979	E	33	N	4.2	1.0	17	SAKHALIN ISLAND
	31	06	38	55.7*	27.643	S	176.419	W	33	N	4.2	1.4	21	KERMADEC ISLANDS REGION
	31	06	44	50.4%	34.591	S	70.570	W	5	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	31	06	57	50.0	52.683	N	142.929	E	33	N	4.3	1.4	35	SAKHALIN ISLAND
	31	08	03	16.1%	18.176	N	67.097	W	10	G		0.6	5	MONA PASSAGE
	31	08	29	20.7	14.145	N	96.053	E	33	N	4.3	1.2	29	ANDAMAN ISLANDS, INDIA
	31	08	30	44.0	26.925	S	26.782	E	5	G		0.9	10	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
	31	08	43	43.6&	64.716	N	147.508	W	13				22	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
	31	09	10	02.8%	34.602	S	70.572	W	5	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	31	10	33	23.2*	12.379	N	86.933	W	33	N	4.3	1.0	25	NICARAGUA
	31	10	46	41.3*	53.599	N	143.056	E	33	N	4.2	1.2	15	SAKHALIN ISLAND

	31	11	43	57.0*	22.756	S	169.912	E	33	N	4.3	1.4	23	LOYALTY ISLANDS REGION
	31	12	12	21.8*	33.004	S	72.238	W	5	G		0.3	11	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	31	12	13	23.9*	49.057	S	124.564	E	10	G	3.8	1.1	14	SOUTH OF AUSTRALIA
	31	12	49	25.7*	16.178	N	98.560	W	10	G	4.1	1.4	23	NEAR COAST OF GUERRERO, MEXICO
	31	13	19	00.1*	4.172	S	152.614	E	97	?	4.3	0.6	16	NEW BRITAIN REGION, P.N.G.
	31	13	20	09.7	48.825	N	154.977	E	59	D	4.5	1.1	48	KURIL ISLANDS
	31	13	27	23.8?	54.58	N	35.94	W	10	G	4.2	1.2	8	NORTH ATLANTIC OCEAN
	31	13	29	14.4?	60.58	N	5.02	E	10	G		0.3	4	SOUTHERN NORWAY. MD 1.4 (BER).
a	31	13	51	19.4	30.232	N	67.937	E	24	D	5.2 5.0	0.9	277	PAKISTAN. Mw 5.6 (HRV).
	31	14	06	02.6	30.095	N	68.072	E	33	N	4.0	1.0	20	PAKISTAN
	31	14	09	27.7*	24.398	N	122.294	E	33	N	4.2	1.4	20	TAIWAN REGION
	31	14	18	06.0?	32.19	S	72.38	W	10	G		0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	31	14	24	59.2?	23.53	S	170.04	E	33	N	3.6	0.8	10	LOYALTY ISLANDS REGION
	31	15	23	03.4*	46.505	N	12.935	E	10	G		0.6	9	NORTHERN ITALY. ML 2.1 (VIE).
a	31	16	08	40.2	18.956	N	107.420	W	33	N	5.5 6.1	1.1	243	OFF COAST OF JALISCO, MEXICO. Mw 6.4 (GS), 6.3 (HRV). Ms 6.0 (BRK). Mo=6.3*10**18 Nm (PPT).
	31	16	49	38.9*	18.848	N	107.411	W	33	N	4.4	1.1	41	OFF COAST OF JALISCO, MEXICO
	31	18	05	33.8%	31.786	S	70.457	W	120	G		0.6	12	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	31	18	34	12.3?	39.87	N	21.68	E	5	G		1.2	5	GREECE
	31	18	44	23.8*	46.443	S	95.982	E	10	G	4.0	1.4	10	SOUTHEAST INDIAN RIDGE
	31	19	45	19.3*	32.695	S	71.080	W	10	G		0.9	9	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	31	19	57	36.2?	24.95	N	103.87	W	10	G	3.8	1.0	6	CENTRAL MEXICO
	31	19	59	44.0*	33.133	S	71.842	W	10	G		0.8	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	31	20	44	10.1	28.198	N	53.304	E	25	D	5.0 4.0	0.8	213	SOUTHERN IRAN
	31	22	16	47.9%	47.612	N	5.536	E	10	G		0.8	8	FRANCE. ML 2.2 (LDG).
	31	22	18	57.1	52.617	N	142.872	E	33	N	4.8 3.6	0.7	122	SAKHALIN ISLAND
	31	22	21	06.4*	12.541	N	125.403	E	33	N	4.4	0.8	14	SAMAR, PHILIPPINE ISLANDS
	31	23	13	23.2	15.641	N	93.865	E	33	N	4.6	0.8	23	BAY OF BENGAL

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 00 29 40.56 0.315S 120.943E 48km
5.0mb (53 obs.) 4.4Msz (7 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 33C
Centroid Location:
Origin Time 00:29:44.1 0.8
Lat 0.25S 0.07 Lon 121.00E 0.06
Dep 43.2 6.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.27	23	4
N	-0.51	67	185
P	-6.76	0	94

Best Double Couple:Mo=7.0*10**16
NP1:Strike=142 Dip=74 Slip= 16
NP2: 47 74 163

01 18 29 34.59 10.568S 161.399E 32km
5.5mb (64 obs.) 5.5Msz (54 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=180 Dip=68 Slip= 90
NP2: 360 22 90
Principal Axes:

	Plg=	Azm=
T	67	90
P	23	270

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. M
Energy 2.6±0.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 31 No. of sta: 30
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.03	54	152
N	-0.03	36	344
P	-4.00	6	250

Best Double Couple:Mo=4.0*10**17
NP1:Strike=307 Dip=50 Slip= 41
NP2: 189 60 132
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S, 93C
Centroid Location:
Origin Time 18:29:39.2 0.2
Lat 10.34S 0.02 Lon 161.43E 0.02
Dep 21.3 1.0 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.03	65	144
N	-1.06	25	336
P	-3.97	5	244

Best Double Couple:Mo=4.5*10**17
NP1:Strike=309 Dip=46 Slip= 54
NP2: 175 54 121

02 03 54 08.54 43.302N 147.325E 50km
5.6mb (132 obs.) 4.7Msz (43 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 45C
Centroid Location:
Origin Time 03:54:13.8 0.5
Lat 43.12N 0.05 Lon 147.21E 0.05
Dep 47.6 3.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.91	70	302
N	2.28	1	34
P	-11.19	20	125

Best Double Couple:Mo=1.0*10**17
NP1:Strike=216 Dip=25 Slip= 92
NP2: 34 65 89

02 06 06 05.69 3.792S 76.917W 97km
6.5mb (134 obs.)
NORTHERN PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=50 Slip= -80
NP2: 155 41 -102
Principal Axes:

	Plg=	Azm=
T	5	73
P	81	313

Comment: The focal mechanism is moderately well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 5.1±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 105 No. of sta: 45
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.50	8	243
N	-0.48	11	151
P	-1.02	76	9

Best Double Couple:Mo=1.3*10**19
NP1:Strike=346 Dip=38 Slip= -71
NP2: 143 54 -104
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,150C M.W.: 50S,116C
Centroid Location:
Origin Time 06:06:13.9 0.1
Lat 3.77S 0.01 Lon 77.07W 0.01
Dep 112.8 0.3 Half-duration 5.6
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.29	9	244
N	-0.03	7	153
P	-1.25	79	27

Best Double Couple:Mo=1.3*10**19
NP1:Strike=342 Dip=36 Slip= -78
NP2: 148 54 -98

02 11 48 11.65 43.776N 84.660E 33km
5.5mb (139 obs.) 5.2Msz (44 obs.)
NORTHERN XINJIANG, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 48C
Centroid Location:
Origin Time 11:48:12.8 0.5
Lat 43.49N 0.07 Lon 84.54E 0.08
Dep 18.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.24	30	61
N	0.00	55	207
P	-2.24	16	322

Best Double Couple:Mo=2.2*10**17
NP1:Strike= 98 Dip=57 Slip= 170
NP2: 194 81 34

02 23 52 43.62 60.427S 154.042E 10km
5.2mb (16 obs.) 5.8Msz (42 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S,121C
Centroid Location:
Origin Time 23:52:56.0 0.1
Lat 60.27S 0.01 Lon 153.03E 0.03
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.34	14	19
N	-0.17	63	258
P	-2.17	22	115

Best Double Couple:Mo=2.2*10**18
NP1:Strike=156 Dip=64 Slip= -6
NP2: 248 85 -154

03 15 05 57.33 6.660S 153.427E 33km
5.4mb (61 obs.) 4.6Msz (11 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 45C
Centroid Location:
Origin Time 15:05:59.8 0.5
Lat 6.71S 0.05 Lon 153.51E 0.05
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.08	10	235
N	0.40	5	325
P	-9.48	79	79

Best Double Couple:Mo=9.3*10**16
NP1:Strike=319 Dip=35 Slip= -98
NP2: 149 55 -84

04 00 34 09.18 40.572N 23.617E 10km
5.1mb (86 obs.) 5.1Msz (36 obs.)
GREECE
CENTROID, MOMENT TENSOR (HRV)

Data Used: GSN
L.P.B.: 28S, 35C
Centroid Location:
Origin Time 00:34:15.3 0.4
Lat 40.30N 0.05 Lon 23.60E 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.16	10	199
N	1.71	27	294
P	-11.88	61	91

Best Double Couple:Mo=1.1*10**17
NP1:Strike=260 Dip=42 Slip=-132
NP2: 131 60 -59

04 02 18 47.92 1.889N 128.478E 23km
6.0mb (110 obs.) 5.9Msz (53 obs.)
HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 0 Dip=61 Slip= 90
NP2: 180 29 90
Principal Axes:

	Plg=	Azm=
T	74	270
P	16	90

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 2.6±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 28
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.71	71	268
N	-0.01	2	3
P	-1.69	19	93

Best Double Couple:Mo=1.7*10**18
NP1:Strike=186 Dip=26 Slip= 93
NP2: 2 64 88
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 52S,116C M.W.: 44S, 63C
Centroid Location:
Origin Time 02:18:55.6 0.1
Lat 2.11N 0.01 Lon 128.66E 0.01
Dep 41.9 0.7 Half-duration 2.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.51	81	284
N	0.10	2	178
P	-1.61	8	88

Best Double Couple:Mo=1.6*10**18
NP1:Strike=175 Dip=37 Slip= 86
NP2: 0 53 93

04 15 00 10.35 19.620N 122.134E 33km
4.9mb (65 obs.) 4.9Msz (8 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 42C
Centroid Location:
Origin Time 15:00:10.4 0.5
Lat 19.65N 0.06 Lon 121.76E 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.53	11	40
N	1.32	73	169
P	-7.85	13	308

Best Double Couple:Mo=7.2*10**16
NP1:Strike= 84 Dip=73 Slip=-179
NP2: 354 89 -17

04 15 47 17.20 18.649S 168.817E 139km
5.1mb (49 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 35C
Centroid Location:
Origin Time 15:47:20.4 0.8
Lat 18.85S 0.09 Lon 168.57E 0.07
Dep 144.4 2.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.77	34	142
N	1.47	23	35
P	-10.23	47	278

Best Double Couple:Mo=9.5*10**16
NP1:Strike=286 Dip=24 Slip= -18
NP2: 32 83 -113

04 21 21 57.51 24.418S 116.110W 10km
5.0mb (26 obs.) 4.8Msz (39 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 46C
Centroid Location:
Origin Time 21:22: 5.6 0.4
Lat 24.41S 0.05 Lon 116.15W 0.03
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.14	0	108
N	-2.06	90	180
P	-9.07	0	18

Best Double Couple:Mo=1.0*10**17
NP1:Strike=153 Dip=90 Slip=-180
NP2: 243 90 0

05 03 53 45.05 12.626N 125.297E 16km
6.2mb (119 obs.) 7.0Msz (66 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=76 Slip= 90
NP2: 170 14 90
Principal Axes:

	Plg=	Azm=
T	59	260
P	31	80

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 4.1±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 36 No. of sta: 25
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	3.08	65	261
N	1.45	1	354
P	-4.53	25	84

Best Double Couple:Mo=3.8*10**19
NP1:Strike=177 Dip=20 Slip= 93
NP2: 353 70 89
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S,137C M.W.: 47S,120C
Centroid Location:
Origin Time 03:53:59.0 0.1
Lat 12.67N 0.01 Lon 125.30E 0.01
Dep 18.3 0.3 Half-duration 8.3
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	4.53	59	270
N	0.01	7	169
P	-4.53	30	75

Best Double Couple:Mo=4.5*10**19
NP1:Strike=145 Dip=16 Slip= 65
NP2: 351 76 97

05 10 09 06.58 8.919S 110.335E 67km
4.9mb (42 obs.)
JAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 31C
Centroid Location:
Origin Time 10:09: 7.3 0.7
Lat 9.81S 0.06 Lon 110.42E 0.09
Dep 44.4 5.2 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.51	76	68
N	-0.30	8	303
P	-1.21	11	212

Best Double Couple:Mo=1.4*10**17
NP1:Strike=292 Dip=34 Slip= 76
NP2: 128 57 99

05 13 01 41.47 9.897S 118.915E 33km
5.7mb (67 obs.) 5.3Msz (48 obs.)
SUMBAWA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 84C
Centroid Location:
Origin Time 13:01:45.9 0.4
Lat 10.43S 0.03 Lon 119.17E 0.03
Dep 43.0 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.84	71	6
N	1.58	2	271
P	-4.41	19	181

Best Double Couple:Mo=3.6*10**17
NP1:Strike=268 Dip=26 Slip= 86
NP2: 92 64 92

05 16 08 11.69 15.824S 172.798W 33km
5.2mb (42 obs.) 5.2Msz (50 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 77C
Centroid Location:
Origin Time 16:08:17.8 0.2
Lat 15.72S 0.03 Lon 172.43W 0.02
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.85	68	270
N	0.14	0	0
P	-2.98	22	90

Best Double Couple:Mo=2.9*10**17
NP1:Strike=181 Dip=23 Slip= 90
NP2: 0 67 90

05 17 19 19.39 8.725S 111.034E 77km
5.7mb (73 obs.)
JAWA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=275 Dip=78 Slip= -90
NP2: 95 12 -90
Principal Axes:

	Plg=	Azm=
T	33	5
P	57	185

Comment: The focal mechanism is poorly controlled and corresponds to down-dip tension. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 80 No. of sta: 18
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.89	31	348
N	0.13	17	89
P	-8.02	54	203

Best Double Couple:Mo=8.0*10**17
NP1:Strike= 37 Dip=21 Slip=-144
NP2: 272 78 -73
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,122C
Centroid Location:
Origin Time 17:19:24.5 0.1
Lat 8.84S 0.01 Lon 111.06E 0.02
Dep 102.3 1.0 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	8.64	24	11
N	-1.20	4	103
P	-7.44	66	201

Best Double Couple:Mo=8.0*10**17
NP1:Strike= 93 Dip=22 Slip=-100
NP2: 284 69 -86

05 22 48 04.46 18.553S 168.779E 117km
5.9mb (80 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=66 Slip= -90
NP2: 245 24 -90
Principal Axes:

	Plg=	Azm=
T	21	155
P	69	335

Comment: The focal mechanism is moderately well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 3.8±0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 118 No. of sta: 27
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.76	22	141
N	1.85	4	233
P	-8.60	68	333

Best Double Couple:Mo=7.7*10**17

NP1:Strike=223 Dip=24 Slip=-100
NP2: 55 67 -85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S,115C
Centroid Location:
Origin Time 22:48: 9.7 0.1
Lat 18.64S 0.02 Lon 168.71E 0.02
Dep 135.9 0.6 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 7.13 Plg=21 Azm=157
N 0.72 4 248
P -7.85 69 348
Best Double Couple:Mo=7.5*10**17
NP1:Strike=240 Dip=25 Slip= -99
NP2: 70 66 -86

06 01 59 07.13 24.987N 95.294E 118km
6.4mb (145 obs.)
MYANMAR
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=130 Dip=60 Slip= 100
NP2: 291 31 73
Principal Axes:
T Plg=73 Azm= 65
P 14 213
Comment: The focal mechanism is moderately well controlled and corresponds to down-dip tension. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 8.4±1.9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 113 No. of sta: 25
Principal Axes:
Scale 10**18 Nm
T Val= 4.40 Plg=65 Azm= 96
N 0.58 24 285
P -4.98 4 194
Best Double Couple:Mo=4.7*10**18
NP1:Strike=260 Dip=47 Slip= 55
NP2: 125 53 121
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 45S,106C M.W.: 42S, 88C
Centroid Location:
Origin Time 01:59:13.8 0.1
Lat 24.83N 0.01 Lon 95.02E 0.01
Dep 147.7 0.4 Half-duration 3.9
Principal Axes:
Scale 10**18 Nm
T Val= 4.89 Plg=69 Azm= 94
N -0.10 19 302
P -4.79 9 209
Best Double Couple:Mo=4.8*10**18
NP1:Strike=278 Dip=39 Slip= 60
NP2: 135 57 112

06 20 59 03.25 17.039S 66.945E 10km
4.9mb (48 obs.) 4.8Msz (7 obs.)
MAURITIUS-REUNION REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 53C
Centroid Location:
Origin Time 20:59: 5.6 0.4
Lat 17.16S 0.05 Lon 66.60E 0.03
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.37 Plg= 0 Azm= 97
N -1.35 90 180
P -8.02 0 7
Best Double Couple:Mo=8.7*10**16
NP1:Strike=142 Dip=90 Slip=-180
NP2: 232 90 0

07 22 38 28.10 15.420S 173.266W 21km
5.3mb (52 obs.) 5.7Msz (43 obs.)
TONGA ISLANDS
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 38
Principal Axes:
Scale 10**17 Nm
T Val= 7.75 Plg=57 Azm=316
N -0.12 29 167
P -7.63 14 69
Best Double Couple:Mo=7.7*10**17
NP1:Strike=125 Dip=40 Slip= 41
NP2: 2 65 122

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,116C
Centroid Location:
Origin Time 22:38:38.0 0.1
Lat 15.25S 0.01 Lon 172.85W 0.01
Dep 15.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 11.10 Plg=64 Azm=296
N -0.19 10 184
P -10.90 23 89
Best Double Couple:Mo=1.1*10**18
NP1:Strike=159 Dip=23 Slip= 63
NP2: 8 69 101

08 03 29 12.00 18.051S 168.464E 171km
5.4mb (41 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 52C
Centroid Location:
Origin Time 03:29:13.0 0.5
Lat 17.93S 0.05 Lon 168.51E 0.04
Dep 154.9 1.3 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.32 Plg=72 Azm= 59
N -0.42 12 288
P -0.90 13 195
Best Double Couple:Mo=1.1*10**17
NP1:Strike=269 Dip=34 Slip= 67
NP2: 115 59 104

08 17 40 23.27 43.856N 148.342E 21km
5.7mb (110 obs.) 5.1Msz (28 obs.)
EAST OF KURIL ISLANDS
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 12
Principal Axes:
Scale 10**16 Nm
T Val= 5.01 Plg=80 Azm=151
N 0.00 3 44
P -5.02 9 314
Best Double Couple:Mo=5.0*10**16
NP1:Strike= 40 Dip=36 Slip= 85
NP2: 226 54 93
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 35C
Centroid Location:
Origin Time 17:40:30.4 0.6
Lat 43.78N 0.06 Lon 147.98E 0.08
Dep 35.3 5.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.73 Plg=85 Azm=165
N 0.13 3 42
P -4.86 4 311
Best Double Couple:Mo=4.8*10**16
NP1:Strike= 39 Dip=41 Slip= 86
NP2: 224 49 93

08 18 08 06.29 11.465N 125.962E 12km
5.7mb (32 obs.) 6.2Msz (55 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=75 Slip= 90
NP2: 170 15 90
Principal Axes:
T Plg=60 Azm=260
P 30 80
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 8.8±1.9*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 2.17 Plg=65 Azm=279
N 1.14 4 18
P -3.31 25 109
Best Double Couple:Mo=2.7*10**18
NP1:Strike=208 Dip=20 Slip= 101
NP2: 16 70 86
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN

L.P.B.: 44S,104C M.W.: 41S, 71C
Centroid Location:
Origin Time 18:08:14.8 0.1
Lat 11.44N 0.01 Lon 125.96E 0.01
Dep 15.0 FIX Half-duration 3.5
Principal Axes:
Scale 10**18 Nm
T Val= 4.56 Plg=60 Azm=282
N -0.08 8 178
P -4.48 29 84
Best Double Couple:Mo=4.5*10**18
NP1:Strike=153 Dip=18 Slip= 64
NP2: 0 74 98

09 09 54 20.19 25.290N 95.155E 92km
5.2mb (87 obs.)
MYANMAR-INDIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 34C
Centroid Location:
Origin Time 09:54:22.4 0.6
Lat 25.00N 0.06 Lon 94.94E 0.06
Dep 123.9 3.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.67 Plg=69 Azm=164
N 0.35 15 297
P -7.01 15 31
Best Double Couple:Mo=6.8*10**16
NP1:Strike=142 Dip=33 Slip= 118
NP2: 289 62 73

09 12 29 57.67 53.973S 134.304W 10km
5.4mb (19 obs.) 5.7Msz (45 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,114C
Centroid Location:
Origin Time 12:30: 5.6 0.1
Lat 53.72S 0.02 Lon 134.28W 0.03
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.93 Plg= 7 Azm=333
N 0.49 71 222
P -7.41 18 65
Best Double Couple:Mo=7.2*10**17
NP1:Strike=107 Dip=73 Slip= -8
NP2: 200 83 -162

09 16 10 07.42 7.354N 123.754E 33km
5.0mb (37 obs.) 4.5Msz (7 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 22S, 27C
Centroid Location:
Origin Time 16:10:13.0 0.7
Lat 7.29N 0.09 Lon 123.73E 0.08
Dep 41.5 7.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.24 Plg=67 Azm=227
N -0.89 10 343
P -5.35 20 77
Best Double Couple:Mo=5.8*10**16
NP1:Strike=184 Dip=27 Slip= 113
NP2: 338 66 79

09 23 50 09.53 13.619N 144.589E 101km
4.9mb (15 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 11C
Centroid Location:
Origin Time 23:50:10.2 1.0
Lat 13.54N 0.13 Lon 144.93E 0.15
Dep 122.8 5.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.21 Plg= 4 Azm= 42
N -1.51 54 307
P -3.70 36 135
Best Double Couple:Mo=4.5*10**16
NP1:Strike=173 Dip=63 Slip= -24
NP2: 274 69 -151

10 23 21 30.42 11.519N 126.117E 33km
4.9mb (30 obs.) 4.7Msz (6 obs.)
PHILIPPINE ISLANDS REGION

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 39C
Centroid Location:
Origin Time 23:21:29.4 0.5
Lat 11.38N 0.08 Lon 126.60E 0.07
Dep 15.6 3.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.18	65	270
N	-1.68	2	176
P	-5.51	25	86

Best Double Couple:Mo=6.3*10**16
NP1:Strike=172 Dip=20 Slip= 85
NP2: 357 70 92

11 21 17 12.44 12.627N 125.414E 30km
4.9mb (27 obs.) 4.7Msz (8 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 37C
Centroid Location:
Origin Time 21:17:14.3 0.5
Lat 12.72N 0.06 Lon 125.24E 0.09
Dep 15.7 4.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.98	53	263
N	-1.23	10	160
P	-8.76	36	63

Best Double Couple:Mo=9.4*10**16
NP1:Strike=113 Dip=13 Slip= 42
NP2: 342 81 100

11 21 59 16.23 20.330S 178.479W 599km
5.1mb (56 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 51C
Centroid Location:
Origin Time 21:59:22.1 0.5
Lat 20.11S 0.04 Lon 178.59W 0.05
Dep 607.9 2.8 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.50	28	179
N	0.22	24	75
P	-1.72	51	311

Best Double Couple:Mo=1.6*10**17
NP1:Strike=315 Dip=28 Slip= -27
NP2: 69 78 -115

12 15 12 23.24 19.338S 63.947W 601km
5.2mb (72 obs.)
SOUTHERN BOLIVIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 53C
Centroid Location:
Origin Time 15:12:30.7 0.3
Lat 19.27S 0.04 Lon 63.79W 0.03
Dep 596.5 2.1 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.73	24	255
N	-0.29	2	346
P	-1.44	65	81

Best Double Couple:Mo=1.6*10**17
NP1:Strike=340 Dip=21 Slip= -96
NP2: 167 69 -88

13 07 28 20.14 14.022S 14.250W 10km
4.9mb (9 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 7S, 8C
Centroid Location:
Origin Time 07:28:27.8 0.9
Lat 14.05S FIX;Lon 14.27W FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	3.79	0	208
N	-0.53	90	180
P	-3.26	0	118

Best Double Couple:Mo=3.5*10**16
NP1:Strike=253 Dip=90 Slip=-180
NP2: 343 90 0

13 08 47 12.73 40.149N 21.695E 14km
6.2mb (144 obs.) 6.6Msz (62 obs.)
GREECE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=240 Dip=52 Slip= -90
NP2: 60 38 -90
Principal Axes:

	Plg=	Azm=
T	7	330
P	83	150

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1. This is consistent with observed surface rupture and preliminary aftershock results reported by Hatzfeld, et. al. (1995).
RADIATED ENERGY
No. of sta: 32 Focal mech. F
Energy 5.0±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 59
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.66	6	159
N	0.03	3	69
P	-4.69	83	316

Best Double Couple:Mo=4.7*10**18
NP1:Strike=252 Dip=39 Slip= -86
NP2: 67 51 -93
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,144C M.W.: 55S,108C
Centroid Location:
Origin Time 08:47:20.7 0.0
Lat 39.89N 0.01 Lon 21.90E 0.01
Dep 15.0 BDY Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	7.86	1	338
N	-0.43	5	248
P	-7.42	85	84

Best Double Couple:Mo=7.6*10**18
NP1:Strike= 73 Dip=44 Slip= -83
NP2: 243 47 -97

13 16 23 06.42 5.478S 147.121E 194km
5.0mb (29 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 27C
Centroid Location:
Origin Time 16:23: 8.6 1.4
Lat 5.63S 0.09 Lon 146.91E 0.11
Dep 182.5 4.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.23	54	141
N	0.57	24	268
P	-12.80	25	10

Best Double Couple:Mo=1.3*10**17
NP1:Strike=141 Dip=29 Slip= 147
NP2: 261 75 65

13 21 00 56.14 5.304S 108.903E 577km
5.7mb (108 obs.)
JAVA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=332 Dip=52 Slip= -47
NP2: 95 55 -131
Principal Axes:

	Plg=	Azm=
T	2	213
P	57	306

Comment: The focal mechanism is well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 5.2±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 581 No. of sta: 18
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.83	3	203
N	0.00	32	111
P	-5.83	58	297

Best Double Couple:Mo=5.8*10**17
NP1:Strike=322 Dip=51 Slip= -47
NP2: 86 55 -130
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S,102C
Centroid Location:
Origin Time 21:01: 1.5 0.1
Lat 5.21S 0.01 Lon 108.94E 0.02
Dep 581.9 1.0 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.79	1	201
N	0.19	34	110
P	-6.98	56	293

Best Double Couple:Mo=6.9*10**17
NP1:Strike=321 Dip=53 Slip= -45
NP2: 82 56 -133

14 11 33 18.87 8.378S 125.127E 11km
6.2mb (77 obs.) 6.9Msz (64 obs.)
TIMOR REGION, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=220 Dip=86 Slip= -90
NP2: 40 4 -90
Principal Axes:

	Plg=	Azm=
T	41	310
P	49	130

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 1.1±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 28
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	6.51	38	333
N	-0.48	26	221
P	-6.03	41	106

Best Double Couple:Mo=6.3*10**18
NP1:Strike=126 Dip=26 Slip= -5
NP2: 220 88 -116
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,122C M.W.: 55S,130C
Centroid Location:
Origin Time 11:33:28.6 0.1
Lat 8.60S 0.01 Lon 125.26E 0.00
Dep 15.8 0.3 Half-duration 7.3
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.67	14	269
N	-0.64	3	178
P	-2.04	76	77

Best Double Couple:Mo=2.4*10**19
NP1:Strike= 3 Dip=31 Slip= -85
NP2: 177 59 -93

15 04 13 55.33 40.034N 21.655E 14km
5.2mb (60 obs.) 4.6Msz (1 obs.)
GREECE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 25C
Centroid Location:
Origin Time 04:14: 0.5 0.4
Lat 39.80N 0.06 Lon 21.52E 0.13
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.60	14	350
N	0.47	15	84
P	-7.07	69	218

Best Double Couple:Mo=6.8*10**16
NP1:Strike= 59 Dip=33 Slip=-118
NP2: 272 61 -73

15 15 26 53.91 56.037S 27.811W 100km
5.5mb (19 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 44C
Centroid Location:
Origin Time 15:26:58.7 0.4
Lat 55.97S 0.04 Lon 27.79W 0.07
Dep 114.9 2.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.04	44	186
N	-0.15	27	306
P	-7.90	34	56

Best Double Couple:Mo=8.0*10**16

NP1:Strike=202 Dip=28 Slip= 168
NP2: 303 85 63

15 20 04 10.82 11.101N 126.312E 35km
5.3mb (71 obs.) 5.0Msz (52 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 42C
Centroid Location:
Origin Time 20:04:12.9 0.5
Lat 11.31N 0.05 Lon 126.31E 0.06
Dep 15.4 3.2 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.02 Plg=60 Azm=262
N -0.91 1 169
P -10.11 29 79
Best Double Couple:Mo=1.1*10**17
NP1:Strike=165 Dip=16 Slip= 85
NP2: 350 75 91

15 22 29 31.49 42.420S 120.036E 10km
5.3mb (34 obs.) 4.9Msz (6 obs.)
SOUTH OF AUSTRALIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 47S, 79C
Centroid Location:
Origin Time 22:29:37.1 0.2
Lat 42.52S 0.03 Lon 120.51E 0.05
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.53 Plg=70 Azm=154
N -0.12 10 271
P -1.40 18 4
Best Double Couple:Mo=1.5*10**17
NP1:Strike=109 Dip=28 Slip= 111
NP2: 266 64 79

16 03 35 02.61 36.455N 70.893E 187km
5.7mb (179 obs.)
HINDU KUSH REGION, AFGHANISTAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=230 Dip=60 Slip= 90
NP2: 50 30 90
Principal Axes:
T Plg=75 Azm=140
P 15 320
Comment: The focal mechanism is moderately well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 1.2±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 197 No. of sta: 32
Principal Axes:
Scale 10**17 Nm
T Val= 6.93 Plg=69 Azm=168
N 0.68 7 61
P -7.61 20 328
Best Double Couple:Mo=7.3*10**17
NP1:Strike= 47 Dip=26 Slip= 75
NP2: 244 65 97
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S,107C
Centroid Location:
Origin Time 03:35: 7.4 0.2
Lat 36.67N 0.02 Lon 70.67E 0.02
Dep 182.4 0.8 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.77 Plg=64 Azm=180
N 0.79 8 73
P -6.56 25 340
Best Double Couple:Mo=6.2*10**17
NP1:Strike= 52 Dip=21 Slip= 67
NP2: 256 70 99

16 04 33 46.22 20.766S 178.761W 605km
4.9mb (72 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 58C
Centroid Location:
Origin Time 04:33:50.7 0.4
Lat 20.72S 0.04 Lon 178.65W 0.03
Dep 617.3 2.3 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.65 Plg=37 Azm=107
N -0.75 32 225
P -3.90 37 343
Best Double Couple:Mo=4.3*10**17
NP1:Strike=134 Dip=32 Slip= 180
NP2: 225 90 58

16 08 21 49.35 23.928N 123.394E 24km
5.1mb (76 obs.) 4.4Msz (5 obs.)
SOUTHWESTERN RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 20C
Centroid Location:
Origin Time 08:21:53.4 0.6
Lat 23.54N 0.08 Lon 122.94E 0.10
Dep 24.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.70 Plg=21 Azm=258
N 1.57 59 28
P -5.27 22 160
Best Double Couple:Mo=4.5*10**16
NP1:Strike=299 Dip=59 Slip=-179
NP2: 209 89 -31

16 15 22 55.56 8.443S 125.478E 32km
4.9mb (23 obs.)
TIMOR REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 15C
Centroid Location:
Origin Time 15:22:51.8 1.4
Lat 8.51S FIX;Lon 125.58E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.02 Plg=60 Azm= 25
N 0.35 22 250
P -3.38 19 152
Best Double Couple:Mo=3.2*10**16
NP1:Strike=211 Dip=32 Slip= 46
NP2: 80 67 114

16 20 12 44.22 23.008S 169.900E 20km
6.9mb (93 obs.) 7.7Msz (56 obs.)
LOYALTY ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=290 Dip=65 Slip= -90
NP2: 110 25 -90
Principal Axes:
T Plg=20 Azm= 20
P 70 200
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 8.8±1.2*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 37
Principal Axes:
Scale 10**19 Nm
T Val= 9.54 Plg= 3 Azm=355
N 0.32 1 85
P -9.86 87 195
Best Double Couple:Mo=9.7*10**19
NP1:Strike= 83 Dip=42 Slip= -92
NP2: 266 48 -88
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
M.W.: 58S,164C
Centroid Location:
Origin Time 20:13: 2.1 0.1
Lat 23.05S 0.00 Lon 170.00E 0.01
Dep 24.7 0.3 Half-duration 18.8
Principal Axes:
Scale 10**20 Nm
T Val= 4.32 Plg=11 Azm=196
N -0.83 5 287
P -3.48 78 42
Best Double Couple:Mo=3.9*10**20
NP1:Strike=280 Dip=35 Slip= -99
NP2: 110 56 -84

17 11 23 49.54 23.030S 170.108E 20km
5.9mb (78 obs.) 6.5Msz (61 obs.)
LOYALTY ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=305 Dip=73 Slip= -90
NP2: 125 17 -90
Principal Axes:
T Plg=28 Azm= 35
P 62 215
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. M
Energy 6.7±1.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 31
Principal Axes:
Scale 10**18 Nm
T Val= 2.44 Plg=21 Azm= 43
N -0.42 14 307
P -2.03 65 186
Best Double Couple:Mo=2.2*10**18
NP1:Strike=156 Dip=27 Slip= -59
NP2: 301 67 -105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,168C M.W.: 58S,133C
Centroid Location:
Origin Time 11:24: 1.5 0.0
Lat 23.01S 0.01 Lon 170.35E 0.01
Dep 15.0 FIX Half-duration 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 5.43 Plg=11 Azm= 23
N 0.01 3 113
P -5.44 78 218
Best Double Couple:Mo=5.4*10**18
NP1:Strike=109 Dip=34 Slip= -95
NP2: 295 57 -86

17 13 59 21.31 22.397S 170.350E 31km
4.9mb (25 obs.) 5.1Msz (10 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 62C
Centroid Location:
Origin Time 13:59:27.1 0.4
Lat 22.26S 0.06 Lon 170.29E 0.05
Dep 30.0 3.3 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 4.03 Plg=68 Azm= 36
N -0.24 1 303
P -3.79 22 212
Best Double Couple:Mo=3.9*10**17
NP1:Strike=300 Dip=23 Slip= 87
NP2: 123 67 91

17 19 07 25.44 12.740N 125.297E 30km
4.9mb (37 obs.) 4.8Msz (6 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 30C
Centroid Location:
Origin Time 19:07:27.4 0.5
Lat 12.61N 0.07 Lon 125.34E 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.57 Plg=56 Azm=230
N -0.04 7 331
P -1.53 33 66
Best Double Couple:Mo=1.5*10**17
NP1:Strike=182 Dip=14 Slip= 122
NP2: 329 78 83

17 19 33 44.26 12.449N 125.710E 28km
5.2mb (68 obs.) 5.2Msz (38 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 67C
Centroid Location:
Origin Time 19:33:45.8 0.3
Lat 12.62N 0.04 Lon 125.61E 0.04
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.80 Plg=59 Azm=230
N 0.33 0 320
P -3.14 31 51

Best Double Couple:Mo=3.0*10**17
NP1:Strike=142 Dip=14 Slip= 92
NP2: 320 76 90

18 00 06 27.46 0.893S 21.996W 12km
6.2mb (130 obs.) 6.2Msz (53 obs.)
CENTRAL MID-ATLANTIC RIDGE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 90 Dip=90 Slip=-179
NP2: 0 89 -360
Principal Axes:
T Plg= 1 Azm=225
P 1 315
Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 20 Focal mech. F
Energy 1.6±0.2*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 41
Principal Axes:
Scale 10**19 Nm
T Val= 1.28 Plg= 1 Azm= 29
N 0.00 85 290
P -1.29 5 119
Best Double Couple:Mo=1.3*10**19
NP1:Strike=164 Dip=86 Slip= -3
NP2: 254 87 -176
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,156C M.W.: 62S,153C
Centroid Location:
Origin Time 00:06:37.2 0.0
Lat 0.63S FIX;Lon 21.87W FIX
Dep 15.0 FIX Half-duration 6.2
Principal Axes:
Scale 10**19 Nm
T Val= 1.82 Plg=11 Azm=217
N 0.00 72 346
P -1.82 13 125
Best Double Couple:Mo=1.8*10**19
NP1:Strike=261 Dip=73 Slip=-178
NP2: 171 88 -17

18 07 31 37.50 23.091S 170.239E 31km
4.8mb (34 obs.) 4.9Msz (2 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 07:31:42.7 0.8
Lat 23.25S 0.13 Lon 170.16E 0.13
Dep 18.1 6.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.46 Plg=16 Azm= 22
N -2.74 0 112
P -5.72 74 202
Best Double Couple:Mo=7.1*10**16
NP1:Strike=112 Dip=29 Slip= -90
NP2: 292 61 -90

18 14 31 12.47 44.322N 147.536E 89km
5.8mb (172 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 40 Dip=80 Slip= 90
NP2: 220 10 90
Principal Axes:
T Plg=55 Azm=310
P 35 130
Comment: The focal mechanism is poorly controlled and corresponds to down-dip tension. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 6.7±2.4*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 96 No. of sta: 17
Principal Axes:
Scale 10**17 Nm
T Val= 2.49 Plg=41 Azm=287
N -0.55 23 38
P -1.94 40 149
Best Double Couple:Mo=2.2*10**17
NP1:Strike=306 Dip=23 Slip= 178
NP2: 38 89 67

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 94C
Centroid Location:
Origin Time 14:31:15.7 0.2
Lat 44.29N 0.02 Lon 147.55E 0.03
Dep 100.6 2.1 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.11 Plg=43 Azm=329
N 0.24 11 229
P -2.35 45 127
Best Double Couple:Mo=2.2*10**17
NP1:Strike=133 Dip=11 Slip= -5
NP2: 228 89 -101

19 06 48 49.60 40.073N 21.564E 10km
5.1mb (102 obs.) 5.0Msz (30 obs.)
GREECE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 18C
Centroid Location:
Origin Time 06:48:56.0 0.6
Lat 39.98N 0.08 Lon 21.58E 0.20
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.66 Plg= 2 Azm=151
N 0.53 24 61
P -6.19 65 246
Best Double Couple:Mo=5.9*10**16
NP1:Strike=265 Dip=48 Slip= -56
NP2: 40 52 -122

19 07 17 28.22 26.720S 175.740W 37km
5.2mb (47 obs.)
SOUTH OF TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 27C
Centroid Location:
Origin Time 07:17:29.2 0.5
Lat 26.59S 0.09 Lon 175.01W 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.44 Plg= 4 Azm= 86
N 0.68 0 176
P -5.11 86 270
Best Double Couple:Mo=4.8*10**16
NP1:Strike=176 Dip=41 Slip= -90
NP2: 356 49 -90

19 09 31 45.75 23.836S 66.413W 230km
4.9mb (38 obs.)
JUJUY PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 09:31:49.3 0.6
Lat 24.06S 0.07 Lon 66.96W 0.09
Dep 237.3 4.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.73 Plg=25 Azm= 93
N 1.11 12 358
P -5.84 62 244
Best Double Couple:Mo=5.3*10**16
NP1:Strike=207 Dip=23 Slip= -58
NP2: 354 71 -102

19 16 27 27.30 4.617N 125.368E 156km
5.1mb (73 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 22S, 29C
Centroid Location:
Origin Time 16:27:33.2 0.7
Lat 4.97N 0.07 Lon 125.47E 0.07
Dep 161.6 2.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.22 Plg=23 Azm= 75
N 0.84 5 168
P -8.06 66 270
Best Double Couple:Mo=7.6*10**16
NP1:Strike=155 Dip=23 Slip=-104
NP2: 350 68 -84

19 17 09 14.55 6.102S 130.408E 140km
5.5mb (71 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 62C
Centroid Location:
Origin Time 17:09:19.9 0.4
Lat 5.86S 0.04 Lon 130.48E 0.04
Dep 148.8 1.1 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.56 Plg=35 Azm=283
N 0.00 55 95
P -1.56 4 191
Best Double Couple:Mo=1.6*10**17
NP1:Strike=321 Dip=63 Slip= 156
NP2: 62 69 29

19 17 49 57.84 23.223S 170.682E 23km
5.0mb (32 obs.) 4.8Msz (6 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 59C
Centroid Location:
Origin Time 17:50: 3.9 0.4
Lat 23.42S 0.05 Lon 170.60E 0.05
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.18 Plg= 0 Azm=200
N 2.06 8 110
P -10.24 82 290
Best Double Couple:Mo=9.2*10**16
NP1:Strike=298 Dip=46 Slip= -78
NP2: 101 46 -102

19 18 13 24.31 23.247S 170.750E 33km
5.3mb (44 obs.) 5.0Msz (9 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 53C
Centroid Location:
Origin Time 18:13:28.0 0.5
Lat 23.36S 0.06 Lon 170.72E 0.06
Dep 19.5 3.7 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.48 Plg= 5 Azm= 11
N -0.42 24 103
P -1.06 65 270
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 77 Dip=45 Slip=-126
NP2: 302 55 -60

19 21 30 06.48 1.021S 120.505E 26km
5.5mb (74 obs.) 5.3Msz (51 obs.)
SULAWESI, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,128C
Centroid Location:
Origin Time 21:30:12.0 0.2
Lat 0.83S 0.01 Lon 120.61E 0.02
Dep 27.4 1.2 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 8.80 Plg=19 Azm= 16
N -2.31 15 281
P -6.50 66 155
Best Double Couple:Mo=7.7*10**17
NP1:Strike=129 Dip=29 Slip= -58
NP2: 274 65 -106

20 13 45 02.77 56.025S 27.736W 100km
5.5mb (25 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 81C
Centroid Location:
Origin Time 13:45: 0.8 0.2
Lat 55.90S 0.03 Lon 27.54W 0.04
Dep 57.6 2.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.99 Plg=32 Azm=153
N -0.10 41 31
P -1.88 33 266
Best Double Couple:Mo=1.9*10**17
NP1:Strike=299 Dip=41 Slip= -2
NP2: 30 89 -131

20 17 24 19.01 23.308S 170.596E 23km
5.1mb (32 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 31C
Centroid Location:
Origin Time 17:24:23.1 0.7
Lat 23.38S 0.07 Lon 170.25E 0.09
Dep 29.5 4.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	3.15	0	161
N	1.33	5	71
P	-4.48	85	251

Best Double Couple:Mo=3.8*10**16
NP1:Strike=256 Dip=45 Slip= -83
NP2: 66 45 -97

20 22 18 58.09 5.553N 73.783W 142km
5.0mb (113 obs.)
COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 38C
Centroid Location:
Origin Time 22:19: 3.2 0.5
Lat 5.66N 0.05 Lon 73.84W 0.05
Dep 141.1 1.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.61	41	125
N	-0.52	16	20
P	-9.09	45	273

Best Double Couple:Mo=9.4*10**16
NP1:Strike=282 Dip=17 Slip= -7
NP2: 20 88 -106

21 06 13 11.80 8.265S 122.977E 28km
5.2mb (33 obs.) 4.6Msz (9 obs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 41C
Centroid Location:
Origin Time 06:13:14.7 0.6
Lat 8.05S 0.06 Lon 123.39E 0.05
Dep 29.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.35	12	240
N	-1.33	78	69
P	-7.02	2	331

Best Double Couple:Mo=7.7*10**16
NP1:Strike= 16 Dip=80 Slip= 7
NP2: 285 83 170

21 07 33 12.38 43.758S 100.912W 10km
5.1mb (28 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 26C
Centroid Location:
Origin Time 07:33:17.6 0.5
Lat 43.97S 0.08 Lon 100.26W 0.15
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.73	50	84
N	-2.49	20	199
P	-8.24	33	303

Best Double Couple:Mo=9.5*10**16
NP1:Strike= 83 Dip=22 Slip= 155
NP2: 196 81 70

21 15 47 24.89 35.939S 102.647W 10km
4.9mb (30 obs.) 4.7Msz (8 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 77C
Centroid Location:
Origin Time 15:47:28.7 0.2
Lat 35.96S 0.03 Lon 102.66W 0.03
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.70	15	52
N	-0.02	69	279
P	-1.68	15	146

Best Double Couple:Mo=1.7*10**17
NP1:Strike=189 Dip=69 Slip= 0
NP2: 279 90 -159

21 16 50 39.30 27.855S 176.468W 33km
5.5mb (56 obs.) 5.4Msz (63 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 77C
Centroid Location:
Origin Time 16:50:41.7 0.3
Lat 27.74S 0.04 Lon 176.02W 0.04
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.01	64	305
N	0.52	7	199
P	-3.53	25	106

Best Double Couple:Mo=3.3*10**17
NP1:Strike=180 Dip=21 Slip= 69
NP2: 22 70 98

21 17 06 32.87 12.136N 87.935W 52km
4.9mb (30 obs.) 5.4Msz (3 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 32C
Centroid Location:
Origin Time 17:06:32.2 0.5
Lat 11.89N 0.06 Lon 88.53W 0.06
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.76	22	203
N	-0.04	6	296
P	-1.72	67	41

Best Double Couple:Mo=1.7*10**17
NP1:Strike=281 Dip=24 Slip=-106
NP2: 119 67 -83

21 18 56 06.28 23.219S 170.722E 33km
5.3mb (38 obs.) 5.3Msz (2 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 41C
Centroid Location:
Origin Time 18:56: 7.6 0.5
Lat 23.39S 0.06 Lon 170.46E 0.06
Dep 26.0 4.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.17	11	193
N	-0.62	1	284
P	-5.55	79	19

Best Double Couple:Mo=5.9*10**16
NP1:Strike=282 Dip=34 Slip= -92
NP2: 104 56 -89

22 03 45 02.68 22.795S 170.010E 19km
5.8mb (74 obs.) 6.0Msz (50 obs.)
LOYALTY ISLANDS REGION
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 4.1±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 3 No. of sta: 34
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.05	16	228
N	0.26	11	135
P	-3.32	70	12

Best Double Couple:Mo=3.2*10**18
NP1:Strike=334 Dip=30 Slip= -68
NP2: 129 62 -102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,137C M.W.: 38S, 63C
Centroid Location:
Origin Time 03:45:11.1 0.1
Lat 22.74S 0.01 Lon 169.81E 0.01
Dep 15.0 BDY Half-duration 2.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.51	8	227
N	-0.01	7	136
P	-1.50	79	5

Best Double Couple:Mo=1.5*10**18
NP1:Strike=326 Dip=37 Slip= -78
NP2: 131 53 -99

22 04 02 55.09 9.662S 151.507E 30km
5.7mb (72 obs.) 5.6Msz (14 obs.)
D'ENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 40S, 86C M.W.: 43S, 67C
Centroid Location:
Origin Time 04:03: 0.4 0.2
Lat 9.91S 0.02 Lon 151.77E 0.03
Dep 16.8 1.4 Half-duration 2.6
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.60	22	351
N	-0.09	8	84
P	-1.51	67	192

Best Double Couple:Mo=1.5*10**18
NP1:Strike= 66 Dip=24 Slip=-109
NP2: 267 67 -82

22 09 43 11.83 22.642S 169.662E 33km
5.3mb (22 obs.) 5.0Msz (2 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 09:43: 8.9 1.4
Lat 22.54S FIX;Lon 169.60E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.21	29	264
N	0.08	10	169
P	-6.29	59	62

Best Double Couple:Mo=6.2*10**16
NP1:Strike= 21 Dip=18 Slip= -56
NP2: 166 75 -100

22 09 47 14.12 11.590N 125.621E 33km
5.0mb (53 obs.) 4.7Msz (10 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 34C
Centroid Location:
Origin Time 09:47:16.1 0.5
Lat 11.50N 0.08 Lon 126.07E 0.08
Dep 16.5 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.09	68	293
N	-1.22	11	175
P	-5.87	19	81

Best Double Couple:Mo=6.5*10**16
NP1:Strike=154 Dip=28 Slip= 66
NP2: 0 65 102

22 19 26 55.02 11.585N 125.549E 33km
5.0mb (57 obs.) 4.6Msz (14 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 38C
Centroid Location:
Origin Time 19:26:59.1 0.5
Lat 11.73N 0.08 Lon 125.71E 0.07
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.72	59	290
N	-0.24	14	175
P	-8.47	27	77

Best Double Couple:Mo=8.6*10**16
NP1:Strike=136 Dip=22 Slip= 49
NP2: 359 73 105

23 07 20 19.36 27.913S 176.330W 64km
5.3mb (38 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S, 84C
Centroid Location:
Origin Time 07:20:18.3 0.2
Lat 27.75S 0.03 Lon 175.86W 0.03
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.97	67	321
N	0.07	11	203
P	-2.04	20	109

Best Double Couple:Mo=2.0*10**17
NP1:Strike=181 Dip=27 Slip= 65
NP2: 28 66 102

23 10 01 28.43 43.655N 141.736E 17km
5.5mb (132 obs.) 5.3Msz (38 obs.)
HOKKAIDO, JAPAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S, 97C
Centroid Location:
Origin Time 10:01:33.3 0.2
Lat 43.87N 0.03 Lon 141.34E 0.03
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.18	68	172
N	-0.09	22	346
P	-3.09	2	77

Best Double Couple:Mo=3.1*10**17
NP1:Strike=188 Dip=47 Slip= 121
NP2: 327 51 61

23 15 48 05.75 51.138N 177.124W 31km
5.4mb (142 obs.) 4.9Msz (48 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 47S, 87C
Centroid Location:
Origin Time 15:48: 8.2 0.3
Lat 51.20N 0.03 Lon 176.90W 0.05
Dep 17.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.56	66	326
N	-0.35	5	67
P	-12.21	23	159

Best Double Couple:Mo=1.2*10**17
NP1:Strike=259 Dip=22 Slip= 103
NP2: 65 69 85

23 22 10 11.84 55.945S 3.361W 10km
5.4mb (23 obs.) 6.5Msz (60 obs.)
SOUTHERN MID-ATLANTIC RIDGE
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 12
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	8.66	5	314
N	-0.29	84	157
P	-8.37	2	44

Best Double Couple:Mo=8.5*10**18
NP1:Strike= 89 Dip=85 Slip= 2
NP2: 359 88 175
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,158C M.W.: 63S,152C
Centroid Location:
Origin Time 22:10:27.1 0.1
Lat 55.89S 0.01 Lon 2.14W 0.01
Dep 15.0 FIX Half-duration 5.2
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.41	0	306
N	0.14	71	37
P	-1.55	19	216

Best Double Couple:Mo=1.5*10**19
NP1:Strike=353 Dip=77 Slip=-166
NP2: 259 77 -14

24 11 02 12.92 61.007N 150.119W 42km
5.3mb (124 obs.) 5.0Msz (53 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S,103C
Centroid Location:
Origin Time 11:02:16.1 0.2
Lat 60.93N 0.03 Lon 150.10W 0.05
Dep 54.4 2.6 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.50	30	248
N	0.14	37	5
P	-2.63	38	131

Best Double Couple:Mo=2.6*10**17
NP1:Strike=284 Dip=37 Slip=-172
NP2: 188 85 -53

24 13 06 10.53 52.261S 139.805E 10km
5.0mb (23 obs.) 5.2Msz (13 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 45S, 80C
Centroid Location:
Origin Time 13:06:16.5 0.3
Lat 52.01S 0.03 Lon 139.49E 0.04
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.06	0	40
N	-0.01	70	309
P	-2.05	20	130

Best Double Couple:Mo=2.0*10**17
NP1:Strike=173 Dip=75 Slip= -15
NP2: 267 76 -165

24 20 21 24.93 12.263N 125.701E 32km
5.4mb (99 obs.) 5.5Msz (16 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S, 96C
Centroid Location:
Origin Time 20:21:25.6 0.2
Lat 12.49N 0.02 Lon 125.54E 0.03
Dep 15.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.22	41	324
N	0.78	22	213
P	-8.00	41	103

Best Double Couple:Mo=7.6*10**17
NP1:Strike=123 Dip=22 Slip= 0
NP2: 213 90 -112

25 04 59 48.69 43.926N 147.331E 52km
5.6mb (171 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 96C
Centroid Location:
Origin Time 04:59:50.8 0.2
Lat 43.83N 0.02 Lon 147.65E 0.03
Dep 59.7 1.6 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.33	38	61
N	-0.70	46	205
P	-2.63	19	316

Best Double Couple:Mo=3.0*10**17
NP1:Strike= 91 Dip=48 Slip= 163
NP2: 193 78 43

25 09 11 34.84 40.214N 143.364E 29km
5.4mb (136 obs.) 5.5Msz (24 obs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S, 94C
Centroid Location:
Origin Time 09:11:38.5 0.2
Lat 40.27N 0.02 Lon 143.57E 0.03
Dep 21.7 1.5 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.39	61	269
N	0.23	5	9
P	-3.62	29	102

Best Double Couple:Mo=3.5*10**17
NP1:Strike=207 Dip=17 Slip= 109
NP2: 7 74 84

26 03 11 17.18 12.115N 57.939E 62km
5.4mb (94 obs.)
ARABIAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 59S,153C M.W.: 56S,113C
Centroid Location:
Origin Time 03:11:29.7 0.1
Lat 11.75N 0.01 Lon 57.55E 0.01
Dep 15.0 FIX Half-duration 4.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	6.00	18	72
N	0.17	64	299
P	-6.16	18	168

Best Double Couple:Mo=6.1*10**18
NP1:Strike=210 Dip=64 Slip= 0
NP2: 120 90 154

27 13 03 52.65 52.629N 142.827E 11km
6.7mb (166 obs.) 7.5Msz (45 obs.)
SAKHALIN ISLAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=300 Dip=70 Slip= 25
NP2: 201 67 158
Principal Axes:

	Plg=	Azm=
T	32	161
P	2	70

Comment: The focal mechanism is well controlled and corresponds to right-lateral strike slip faulting with a moderate reverse component. The preferred fault plane is NP2. This is consistent with surface rupture observed in the area.
RADIATED ENERGY
No. of sta: 32 Focal mech. F
Energy 1.6±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 3 No. of sta: 63
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	3.80	32	162
N	1.10	57	328
P	-4.89	7	68

Best Double Couple:Mo=4.3*10**19
NP1:Strike=200 Dip=63 Slip= 160
NP2: 299 73 29
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 70S,199C M.W.: 66S,174C
Centroid Location:
Origin Time 13:04: 3.2 0.1
Lat 53.03N 0.01 Lon 142.65E 0.01
Dep 23.6 0.5 Half-duration 9.4
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	3.98	14	151
N	0.70	76	340
P	-4.67	2	242

Best Double Couple:Mo=4.3*10**19
NP1:Strike=287 Dip=79 Slip= 8
NP2: 196 82 169

27 18 11 11.96 23.013N 121.434E 29km
5.2mb (66 obs.) 5.6Msz (5 obs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 65C
Centroid Location:
Origin Time 18:11:14.8 0.3
Lat 23.02N 0.06 Lon 121.28E 0.06
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.00	75	288
N	0.05	4	35
P	-4.05	14	126

Best Double Couple:Mo=4.0*10**17
NP1:Strike=222 Dip=31 Slip= 98
NP2: 33 59 85

28 02 02 53.60 52.909N 142.879E 33km
5.0mb (106 obs.) 4.8Msz (7 obs.)
SAKHALIN ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 39C
Centroid Location:
Origin Time 02:02:53.5 0.8
Lat 52.98N 0.07 Lon 142.96E 0.10
Dep 25.8 3.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.39	83	270
N	-0.61	2	14
P	-3.78	7	104

Best Double Couple:Mo=4.1*10**16
NP1:Strike=196 Dip=38 Slip= 93
NP2: 12 52 88

28 05 52 16.14 24.004S 175.884W 33km
5.0mb (31 obs.) 5.4Msz (2 obs.)
SOUTH OF TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 44S, 57C
Centroid Location:
Origin Time 05:52:21.2 0.5
Lat 24.29S 0.06 Lon 175.37W 0.06
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.26	85	320

N -1.30 3 200
P -6.96 5 110
Best Double Couple:Mo=7.6*10**16
NP1:Strike=197 Dip=40 Slip= 86
NP2: 22 50 94

28 05 57 40.70 23.986S 175.972W 33km
5.2mb (53 obs.) 5.3Msz (43 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,107C
Centroid Location:
Origin Time 05:57:45.6 0.2
Lat 24.10S 0.03 Lon 175.60W 0.03
Dep 15.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.74 Plg=62 Azm=284
N 0.38 2 17
P -3.12 28 108
Best Double Couple:Mo=2.9*10**17
NP1:Strike=203 Dip=17 Slip= 96
NP2: 17 73 88

28 16 02 59.17 7.322S 128.529E 139km
5.3mb (52 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 13C
Centroid Location:
Origin Time 16:03: 5.6 1.1
Lat 7.32S FIX;Lon 128.53E FIX
Dep 137.2 3.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.15 Plg=76 Azm=238
N 1.13 13 86
P -4.29 6 355
Best Double Couple:Mo=3.7*10**16
NP1:Strike= 71 Dip=40 Slip= 70
NP2: 276 53 106

28 19 59 12.83 28.978S 71.217W 42km
5.7mb (56 obs.) 5.0Msz (34 obs.)
NEAR COAST OF CENTRAL CHILE
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 34
Principal Axes:
Scale 10**17 Nm
T Val= 3.62 Plg=75 Azm=236
N 0.04 10 5
P -3.65 11 97
Best Double Couple:Mo=3.6*10**17
NP1:Strike=199 Dip=35 Slip= 107
NP2: 359 57 78
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,100C
Centroid Location:
Origin Time 19:59:13.2 0.2
Lat 29.39S 0.03 Lon 71.77W 0.03
Dep 42.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.14 Plg=64 Azm=264
N 0.01 1 172
P -2.14 26 82
Best Double Couple:Mo=2.1*10**17
NP1:Strike=170 Dip=19 Slip= 88
NP2: 352 71 91

29 04 58 32.49 35.039N 32.246E 10km
5.3mb (126 obs.) 4.9Msz (35 obs.)
CYPRUS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 34C
Centroid Location:
Origin Time 04:58:37.4 0.5
Lat 34.89N 0.07 Lon 32.63E 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 11.68 Plg=57 Azm=252
N -1.13 13 3
P -10.55 29 101
Best Double Couple:Mo=1.1*10**17
NP1:Strike=224 Dip=20 Slip= 132
NP2: 0 76 76

29 07 29 45.74 10.246S 164.001E 26km
5.9mb (82 obs.) 6.4Msz (51 obs.)
SANTA CRUZ ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=188 Dip=82 Slip=-173
NP2: 97 83 -8
Principal Axes:
T Plg= 1 Azm=143
P 11 52
Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 3.6±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 44
Principal Axes:
Scale 10**18 Nm
T Val= 3.49 Plg= 7 Azm=328
N 0.43 82 181
P -3.92 4 59
Best Double Couple:Mo=3.7*10**18
NP1:Strike=104 Dip=82 Slip= 2
NP2: 13 88 172
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 76S,184C M.W.: 71S,145C
Centroid Location:
Origin Time 07:29:50.4 0.1
Lat 10.37S 0.01 Lon 164.10E 0.01
Dep 15.0 FIX Half-duration 3.8
Principal Axes:
Scale 10**18 Nm
T Val= 3.85 Plg= 3 Azm=145
N -1.03 74 246
P -2.82 16 54
Best Double Couple:Mo=3.3*10**18
NP1:Strike=190 Dip=77 Slip=-171
NP2: 98 81 -13

29 09 06 22.75 10.164N 104.025W 33km
5.0mb (41 obs.) 5.0Msz (23 obs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 28C
Centroid Location:
Origin Time 09:06:24.5 0.9
Lat 10.10N FIX;Lon 104.00W FIX
Dep 33.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 4.06 Plg=30 Azm=117
N -0.19 55 263
P -3.88 16 17
Best Double Couple:Mo=4.0*10**17
NP1:Strike=154 Dip=57 Slip= 169
NP2: 249 81 33

29 10 06 41.69 43.050S 171.511E 10km
4.5mb (14 obs.) 4.8Msz (1 obs.)
SOUTH ISLAND, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 16C
Centroid Location:
Origin Time 10:06:40.1 0.7
Lat 43.47S 0.07 Lon 171.80E 0.10
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.39 Plg=20 Azm= 11
N -0.49 66 158
P -1.90 12 277
Best Double Couple:Mo=2.2*10**17
NP1:Strike= 53 Dip=67 Slip= 174
NP2: 145 84 23

29 14 02 32.65 32.342N 141.601E 33km
5.1mb (84 obs.) 4.6Msz (26 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 20C
Centroid Location:
Origin Time 14:02:34.5 0.9
Lat 32.35N FIX;Lon 141.60E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.94 Plg=58 Azm=263
N 0.19 5 166
P -6.13 31 73
Best Double Couple:Mo=6.0*10**16
NP1:Strike=147 Dip=15 Slip= 70
NP2: 347 76 95

30 00 41 21.81 10.109N 104.121W 10km
4.9mb (31 obs.) 4.8Msz (1 obs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 53C
Centroid Location:
Origin Time 00:41:27.0 0.4
Lat 10.34N 0.05 Lon 104.09W 0.05
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.35 Plg= 8 Azm=304
N -0.33 74 64
P -8.02 14 212
Best Double Couple:Mo=8.2*10**16
NP1:Strike=349 Dip=74 Slip=-176
NP2: 257 86 -16

30 04 12 44.29 29.437N 138.521E 470km
5.0mb (109 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 21C
Centroid Location:
Origin Time 04:12:45.4 1.2
Lat 29.29N 0.12 Lon 138.64E 0.09
Dep 491.1 6.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.25 Plg=55 Azm= 37
N -0.20 11 143
P -8.06 33 240
Best Double Couple:Mo=8.2*10**16
NP1:Strike= 5 Dip=16 Slip= 133
NP2: 141 79 79

30 09 09 18.67 6.992S 123.665E 631km
5.3mb (57 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 27C
Centroid Location:
Origin Time 09:09:24.1 1.7
Lat 7.06S 0.13 Lon 123.46E 0.09
Dep 670.5 5.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.66 Plg= 1 Azm= 5
N -0.14 32 275
P -6.52 58 96
Best Double Couple:Mo=6.6*10**16
NP1:Strike=123 Dip=53 Slip= -48
NP2: 248 54 -131

30 16 56 24.77 60.229S 31.548W 33km
5.4mb (21 obs.) 5.3Msz (36 obs.)
SCOTIA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S, 96C
Centroid Location:
Origin Time 16:56:26.5 0.2
Lat 60.42S 0.03 Lon 30.94W 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.71 Plg=10 Azm=310
N 0.42 41 211
P -3.13 47 50
Best Double Couple:Mo=2.9*10**17
NP1:Strike= 78 Dip=50 Slip= -31
NP2: 189 66 -136

31 00 46 11.71 9.058N 126.279E 79km
4.9mb (44 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 32C
Centroid Location:
Origin Time 00:46:13.1 0.9
Lat 9.17N 0.09 Lon 126.45E 0.07

Dep 76.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.74	47	192
N	-0.57	35	330
P	-5.17	22	76

Best Double Couple:Mo=5.5*10**16
NP1:Strike=211 Dip=38 Slip= 156
NP2: 320 75 54

31 13 51 19.40 30.232N 67.937E 24km
5.2mb (112 obs.) 5.0Msz (16 obs.)
PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 44S, 72C
Centroid Location:
Origin Time 13:51:24.5 0.3
Lat 30.80N 0.05 Lon 67.84E 0.04
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.54	40	340
N	-0.02	0	249
P	-2.52	50	159

Best Double Couple:Mo=2.5*10**17
NP1:Strike= 74 Dip= 5 Slip= -85
NP2: 249 85 -90

31 16 08 40.25 18.956N 107.420W 33km
5.5mb (93 obs.) 6.1Msz (42 obs.)
OFF COAST OF JALISCO, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=90 Slip= -9
NP2: 110 81 -180
Principal Axes:

	Plg=	Azm=
T	6	65
P	6	335

Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting with a small vertical component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 1.6±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 36 No. of sta: 29
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.03	10	62
N	0.04	80	222
P	-4.07	3	331

Best Double Couple:Mo=4.1*10**18
NP1:Strike=106 Dip=81 Slip= 175
NP2: 197 85 9
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,148C M.W.: 55S,109C
Centroid Location:
Origin Time 16:08:42.4 0.1
Lat 19.05N 0.01 Lon 107.57W 0.01
Dep 18.0 BDY Half-duration 3.6
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.34	19	243
N	0.24	61	114
P	-3.58	21	340

Best Double Couple:Mo=3.5*10**18
NP1:Strike= 21 Dip=61 Slip= -1
NP2: 112 89 -151

Surface rupture and fault plane information for the Greece earthquake of May 13 at 08:47 UTC was obtained from:

Hatzfeld, D., J. Nord, A. Paul, R. Guiguet, P. Briole, J-C. Ruegg, R. Cattin, R. Armijo, B. Meyer, A. Hubert, P. Bernard, K. Makropoulos, V. Karakostas, C. Papaioannou, D. Papanastassiou and G. Veis (1995). The Kozani-Grevena (Greece) earthquake of May 13, 1995, Ms=6.6. Preliminary results of a field multidisciplinary survey, Seismological Research Letters, v. 66, no. 6, pp. 61-70.

Compiled by Francis W. Baldwin, Pamela J. Benfield, Pingsheng Chang, George L. Choy, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder, Stuart A. Sipkin and Madeleine D. Zirbes.

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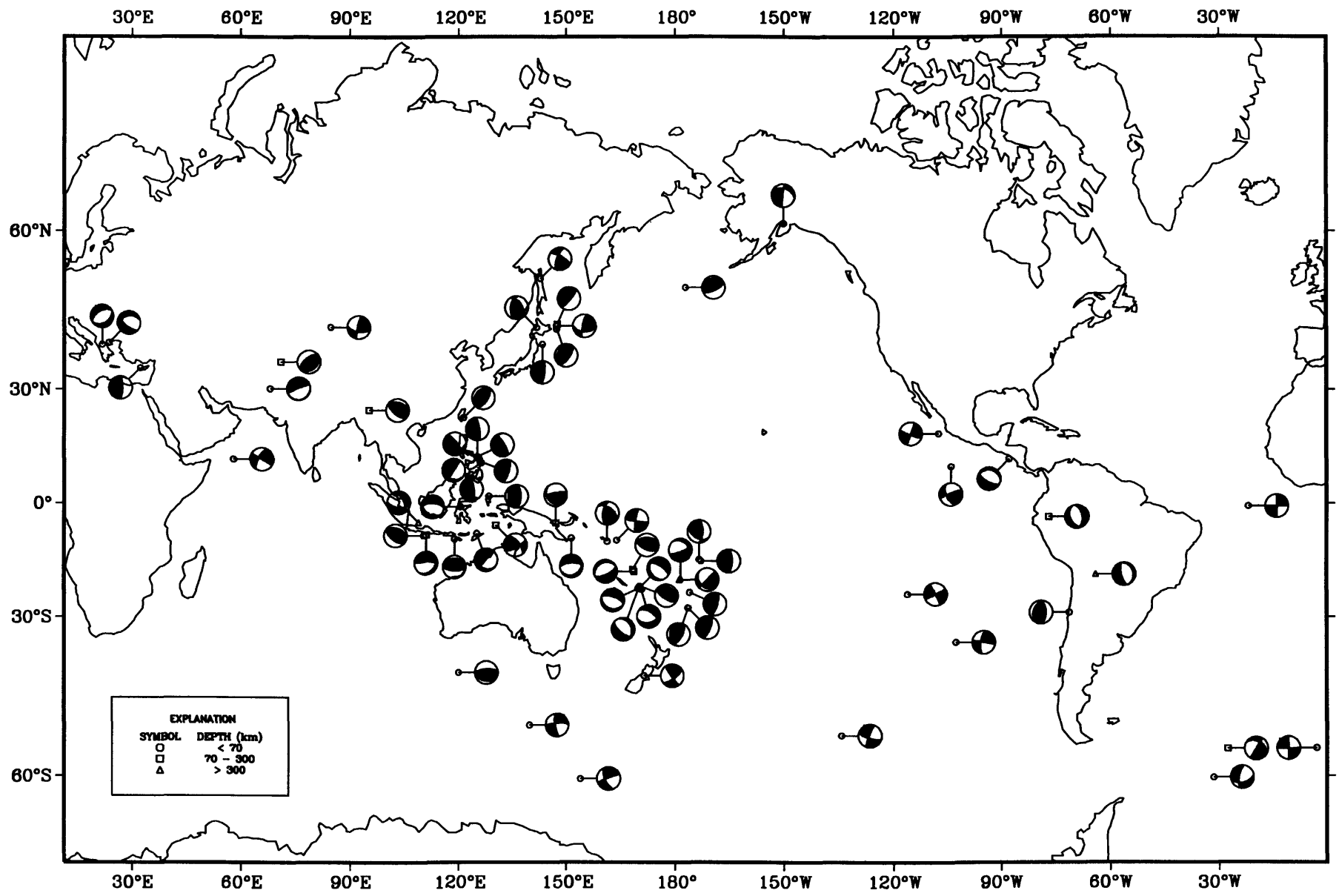
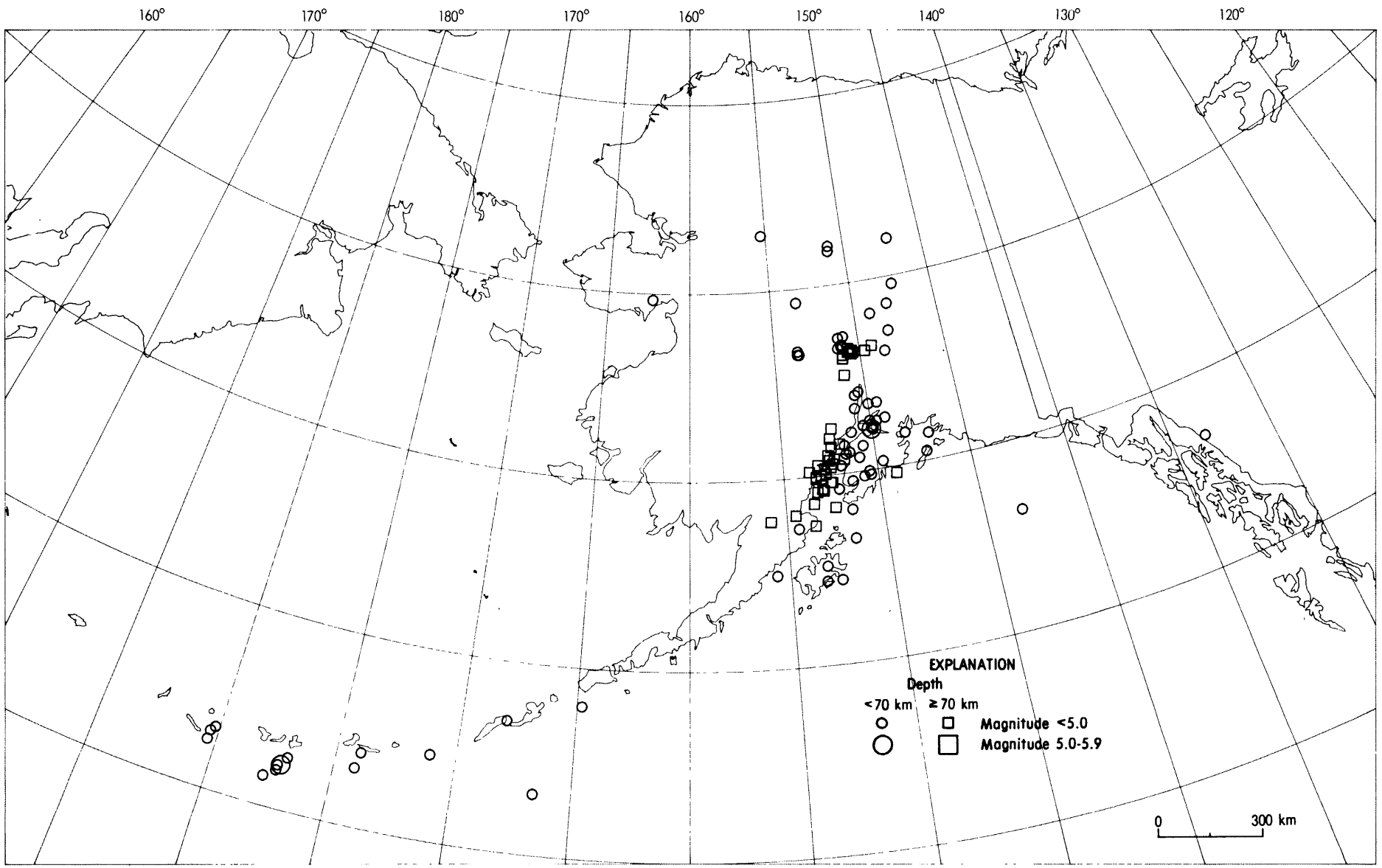
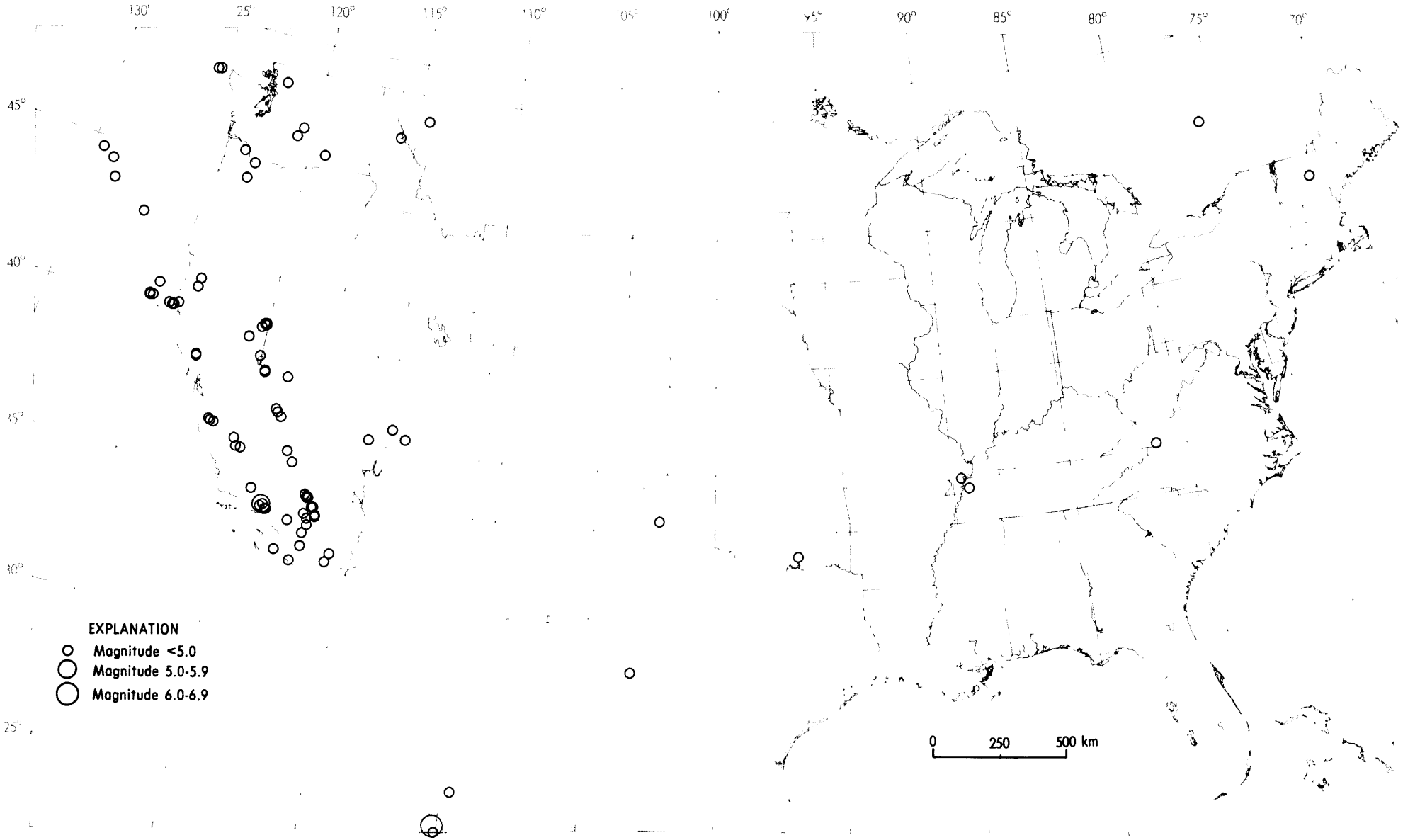
Earthquake Focal Mechanisms for May 1995

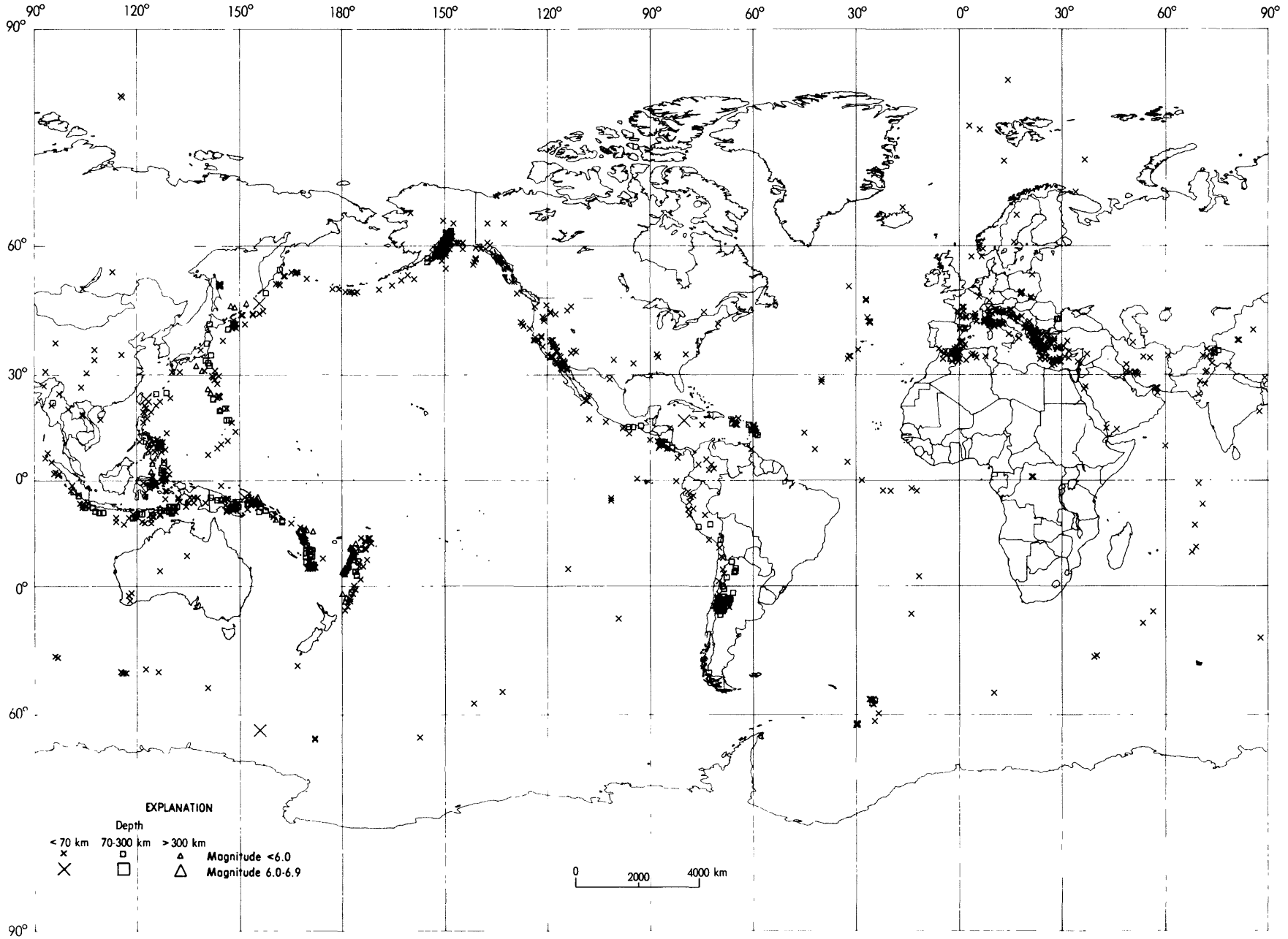




Earthquake epicenters in Alaska and adjecent regions for May, 1995



Earthquake epicenters in the conterminous United State and adjacent regions for June, 1995



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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

APRIL 1995

K E Y	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	35	22.0%	60.320	N	5.056	E	15	G			0.3	7	SOUTHERN NORWAY. MD 1.4 (BER).
	01	00	37	52.6*	5.459	S	151.861	E	57	?	4.2		0.9	21	NEW BRITAIN REGION, P.N.G.
	01	00	50	07.0	38.730	N	26.452	E	10	G			0.5	8	AEGEAN SEA. MD 3.4 (ISK).
	01	01	03	50.6&	62.521	N	151.232	W	87					55	CENTRAL ALASKA. <AEIC>.
	01	02	02	22.0%	33.332	S	70.076	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION
	01	02	26	42.4%	39.358	N	28.053	E	10	G			0.8	7	TURKEY. MD 3.0 (ISK).
	01	02	34	27.6	52.324	N	172.739	E	45	*	4.7	3.7	0.8	97	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 3.9 (PMR).
	01	02	53	09.7&	60.957	N	147.303	W	15		2.6			56	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	01	03	28	09.9?	20.31	N	120.41	E	33	N	3.8		0.8	7	PHILIPPINE ISLANDS REGION
a	01	03	49	33.5	37.925	N	139.186	E	11	G	5.8	4.9	1.0	429	EASTERN HONSHU, JAPAN. Mw 5.3 (GS), 5.4 (HRV). At least 39 people injured and 504 buildings damaged or destroyed in Niigata Prefecture, mostly in the Niigata area. Felt (IV JMA) at Niigata and on Sado; (III JMA) at Sakata and Shirakawa. Also felt at Tokyo and Yokohama. Depth from broadband displacement seismograms.
	01	04	48	14.0	31.223	N	46.051	E	33	N	4.6		0.8	43	IRAQ
	01	05	06	37.1?	31.38	S	178.53	W	146	?	4.8		0.8	15	KERMADEC ISLANDS REGION
	01	05	22	37.8	40.196	N	108.984	W	5	G	2.9		0.9	18	COLORADO. ML 3.3 (GS). Felt at Rangely.
	01	05	25	01.0	31.660	S	66.961	W	123		4.0		0.8	40	LA RIOJA PROVINCE, ARGENTINA
a	01	05	50	18.4	52.264	N	159.043	E	30	G	5.9	5.6	0.9	548	OFF EAST COAST OF KAMCHATKA. Mw 6.0 (GS), 6.0 (HRV). Ms 5.3 (BRK). Mo=1.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	01	07	12	26.7	53.613	N	164.438	W	33	N	5.1		1.0	191	UNIMAK ISLAND REGION. ML 4.9 (PMR).
	01	07	19	04.5&	60.199	N	141.321	W	10	G				3	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.6 (PGC), 2.4 (AEIC).
	01	07	49	16.2*	21.912	S	179.527	W	600	G	4.4		1.2	24	FIJI ISLANDS REGION
	01	09	12	22.1	24.891	N	122.193	E	128	D	4.3		1.1	29	TAIWAN REGION
	01	09	18	21.8?	36.17	N	1.83	W	10				0.7	10	WESTERN MEDITERRANEAN SEA. mbLg 3.3 (MDD).
	01	10	09	17.1*	36.376	N	70.025	E	290	G	3.7		1.1	17	HINDU KUSH REGION, AFGHANISTAN
	01	10	15	05.6	31.499	S	69.458	W	100	G			0.9	18	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	01	10	52	24.8	37.997	N	139.226	E	10	G	4.1		0.9	19	EASTERN HONSHU, JAPAN
	01	11	44	57.2*	37.976	N	139.287	E	10	G	3.7		0.7	5	EASTERN HONSHU, JAPAN
	01	11	48	20.2	25.096	N	123.538	E	80	G	4.4		1.2	41	NORTHEAST OF TAIWAN
	01	12	10	17.5?	10.80	N	62.69	W	10	G	3.5		1.1	5	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
	01	12	12	52.3?	10.85	N	62.67	W	10	G	3.5		1.3	5	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
	01	12	17	36.2%	51.147	N	3.382	E	10	G			0.7	15	THE NETHERLANDS. ML 2.3 (LDG).
	01	12	44	18.7&	61.542	N	147.967	W	5					38	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	01	13	44	54.7*	36.165	N	70.714	E	33	N	4.6		0.7	13	HINDU KUSH REGION, AFGHANISTAN
	01	13	51	12.9?	3.94	N	124.98	E	33	N	4.4		0.8	10	CELEBES SEA
	01	15	50	12.7	40.806	N	27.576	E	10	G			0.5	9	TURKEY. MD 3.0 (ISK).
	01	15	59	34.7	44.768	N	114.422	W	5	G			0.9	41	WESTERN IDAHO. ML 3.5 (GS), 3.4 (BUT).
	01	16	12	34.8&	60.126	N	153.696	W	157					48	SOUTHERN ALASKA. <AEIC>.
	01	16	36	05.5?	6.83	S	130.13	E	75	G	3.9		0.8	10	BANDA SEA
	01	16	44	17.1	32.339	S	70.071	W	120	G			0.4	16	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
a	01	17	54	02.3	18.354	N	146.788	E	57	D	5.3		0.9	154	MARIANA ISLANDS. Mw 5.2 (HRV).
	01	18	12	49.3&	59.529	N	153.721	W	124					39	SOUTHERN ALASKA. <AEIC>.
a	01	18	30	30.3	6.856	S	154.515	E	33	N	4.9	4.9	0.8	80	SOLOMON ISLANDS. Mw 5.2 (HRV).
	01	18	44	38.4%	40.634	N	22.886	E	5	G			0.5	9	GREECE. ML 2.0 (THE).
	01	20	24	47.0?	15.05	S	173.54	W	33	N	4.0		0.8	9	TONGA ISLANDS
	01	20	30	48.9	37.111	N	23.201	E	55	G	3.9		0.8	28	SOUTHERN GREECE
	01	20	33	09.5	1.137	N	125.886	E	60	G	4.5		0.8	19	NORTHERN MOLUCCA SEA
	01	20	42	26.0*	32.113	S	67.167	W	50	G			1.4	16	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).
	01	20	50	53.4?	33.76	S	179.55	W	33	N	4.4		1.6	11	SOUTH OF KERMADEC ISLANDS
	01	22	30	26.9	46.384	N	15.029	E	5	G			0.7	7	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU), 2.3 (TRI). Felt at Sostanj and Velenje.
	01	23	05	11.3	24.601	N	125.060	E	75	G	4.2		0.6	25	SOUTHWESTERN RYUKYU ISLANDS
	01	23	35	54.3?	8.13	S	126.34	E	100	?	3.7		1.0	8	TIMOR REGION, INDONESIA
	02	00	16	32.4&	36.183	N	118.136	W	9					38	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS),

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														2.8 (PAS).
	02	01	29	04.7	37.970	N	139.177	E	10	G	4.7	4.0	0.9	92	EASTERN HONSHU, JAPAN. Felt (IV JMA) in the epicentral area.
	02	01	55	19.5	32.904	N	141.207	E	70	G	4.5		0.7	27	SOUTH OF HONSHU, JAPAN
	02	02	01	44.1	36.483	N	70.978	E	200	G	4.6		0.8	29	HINDU KUSH REGION, AFGHANISTAN
	02	02	03	48.0	40.514	N	127.308	W	10	G	3.1		0.8	37	OFF COAST OF NORTHERN CALIFORNIA
	02	02	05	28.4	13.779	N	144.795	E	145		4.8		1.1	74	MARIANA ISLANDS
	02	02	18	49.3	6.937	S	154.546	E	45	G	4.0		0.7	23	SOLOMON ISLANDS
	02	02	47	45.9%	34.247	S	70.706	W	100	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	02	04	57	38.7?	16.48	N	61.52	W	15	G			0.3	5	LEEWARD ISLANDS. ML 2.2 (FDF).
	02	05	20	00.2	7.453	S	129.576	E	42		4.8		1.0	36	BANDA SEA
	02	05	49	03.9?	50.17	N	179.45	E	33	N	4.3		0.6	10	RAT ISLANDS, ALEUTIAN ISLANDS
	02	07	22	07.9&	45.916	N	122.976	W	25					81	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.6 (SEA). Felt at Kalama and Woodland, Washington. Felt in northern Clark County and parts of Cowlitz County, Washington.
	02	07	48	24.3%	16.401	N	61.202	W	20	G			0.4	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	02	07	49	50.6&	32.596	N	115.428	W	2					34	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.3 (ECX). ML 3.2 (PAS).
	02	08	47	30.7*	25.175	N	124.711	E	75	G	4.2		1.2	14	NORTHEAST OF TAIWAN
	02	08	57	14.9%	39.100	N	27.567	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	02	09	16	52.0%	39.086	N	27.638	E	10	G			0.7	5	TURKEY. MD 2.7 (ISK).
	02	09	48	32.5?	39.08	N	27.57	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	02	10	15	08.9	43.465	N	7.675	E	21				0.6	22	NEAR SOUTH COAST OF FRANCE. ML 2.7 (GEN), 2.4 (LDG).
	02	10	43	41.1&	60.006	N	152.758	W	91		2.5			50	SOUTHERN ALASKA. <AEIC>.
	02	11	09	49.8*	25.183	N	124.901	E	60	G	4.1		1.3	27	NORTHEAST OF TAIWAN
	02	11	48	14.3?	40.72	N	29.90	E	5	G			0.5	4	TURKEY. MD 2.6 (ISK).
	02	12	03	38.0?	39.14	N	27.64	E	10	G			0.7	4	TURKEY. MD 2.7 (ISK).
	02	12	10	04.5&	59.917	N	153.269	W	124					52	SOUTHERN ALASKA. <AEIC>.
	02	12	52	51.2*	37.957	N	139.219	E	14		4.1		0.9	15	EASTERN HONSHU, JAPAN
	02	13	40	06.2*	25.175	N	124.806	E	70	G	4.1		1.3	17	NORTHEAST OF TAIWAN
	02	14	46	44.6	3.661	S	141.411	E	21	*	3.9		1.0	17	NEW GUINEA, PAPUA NEW GUINEA
	02	14	49	13.4%	40.629	N	22.653	E	5	G			0.4	6	GREECE. ML 1.2 (THE).
	02	15	09	51.7*	25.276	N	124.699	E	120	G	4.2		1.4	16	NORTHEAST OF TAIWAN
	02	16	07	30.7%	42.865	N	18.688	E	19	?			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	02	16	16	48.1%	42.905	N	18.689	E	17	?			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	02	16	31	21.6?	39.03	N	29.61	E	10	G			0.9	4	TURKEY. MD 2.6 (ISK).
	02	16	39	29.2%	42.927	N	18.230	E	11				0.4	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	02	17	52	15.2*	25.171	N	124.757	E	100	G	4.2		1.2	20	NORTHEAST OF TAIWAN
	02	17	52	37.6	15.817	S	177.439	W	428	*	4.9		0.9	80	FIJI ISLANDS REGION
	02	18	09	58.7	28.983	N	52.569	E	34	*	4.5		0.7	27	SOUTHERN IRAN
	02	18	13	25.2	9.001	N	126.557	E	33	N	4.2		0.7	22	MINDANAO, PHILIPPINE ISLANDS
	02	18	35	20.5	36.319	N	27.900	E	81		4.3		1.2	131	DODECANESE ISLANDS. MD 3.9 (ISK).
	02	18	47	02.4	44.387	N	113.980	W	5	G			0.9	9	EASTERN IDAHO. ML 3.3 (BUT).
	02	19	03	13.1	39.089	N	20.287	E	30				1.0	21	GREECE-ALBANIA BORDER REGION. ML 3.3 (THE).
	02	20	20	43.7?	38.70	N	26.39	E	10	G			0.8	5	AEGEAN SEA. MD 3.3 (ISK).
	02	20	42	58.7*	8.915	N	126.451	E	33	N	4.3		0.8	18	MINDANAO, PHILIPPINE ISLANDS
	02	21	27	22.5	25.131	N	124.823	E	64	D	4.5		1.2	56	NORTHEAST OF TAIWAN
	02	22	33	21.4%	33.861	S	70.978	W	10				0.5	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	02	22	37	11.1*	19.806	N	121.389	E	33	N	4.1		1.1	14	PHILIPPINE ISLANDS REGION
	02	23	06	56.3*	38.106	N	22.510	E	10	G			1.3	13	GREECE. ML 3.1 (THE).
	02	23	11	07.0	4.609	S	153.480	E	96	*	4.5		0.8	47	NEW IRELAND REGION, P.N.G.
	02	23	58	22.7&	59.973	N	152.738	W	105					47	SOUTHERN ALASKA. <AEIC>.
	03	00	13	00.4%	33.721	S	70.780	W	70	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	03	00	25	07.4	43.390	N	146.251	E	82	D	4.7		0.8	100	KURIL ISLANDS
	03	01	14	38.3	39.427	N	27.773	E	10	?			0.7	9	TURKEY. MD 3.1 (ISK).
	03	01	50	19.4*	60.573	S	25.180	W	33	N	4.3		1.2	12	SOUTH SANDWICH ISLANDS REGION
	03	01	55	37.1%	37.452	N	3.884	W	20	G			0.6	6	SPAIN. mbLg 2.2 (MDD).
	03	02	45	20.5*	25.440	S	179.856	E	500	G	5.0		1.3	40	SOUTH OF FIJI ISLANDS
	03	04	31	28.1*	17.650	N	66.745	W	10	G			0.7	6	PUERTO RICO REGION
	03	04	52	20.0	40.872	N	20.696	E	10				1.0	18	GREECE-ALBANIA BORDER REGION. ML 3.2 (TTG), 3.1 (THE), 2.5 (SKO).
	03	06	40	05.5*	53.624	N	163.587	W	33	N	4.1		1.0	20	UNIMAK ISLAND REGION
	03	06	40	26.8*	6.724	N	126.400	E	33	N	4.7		0.7	9	MINDANAO, PHILIPPINE ISLANDS
	03	07	15	51.3&	61.052	N	152.708	W	157		4.2			136	SOUTHERN ALASKA. <AEIC>.
	03	07	49	09.1	35.546	N	31.089	E	33	N			0.4	8	CYPRUS REGION. MD 3.7 (ISK).
	03	07	57	01.4	10.655	N	62.065	W	78		3.6		1.0	27	NEAR COAST OF VENEZUELA. MD 4.1 (TRN). Felt (V) at Port of Spain, Trinidad.
	03	08	26	26.6*	10.309	S	161.175	E	90	G	4.0		0.9	10	SOLOMON ISLANDS
	03	09	35	49.2&	59.321	N	154.676	W	160					51	SOUTHERN ALASKA. <AEIC>.
	03	09	36	55.9	25.184	N	124.900	E	25	D	4.7		1.2	51	NORTHEAST OF TAIWAN
	03	10	25	02.1*	12.385	N	88.531	W	75	G	4.4		1.1	26	OFF COAST OF CENTRAL AMERICA
	03	10	34	48.2*	51.915	N	12.528	E	10	G			0.2	5	GERMANY
	03	11	06	38.6?	10.78	N	86.15	W	33	N	4.1		0.8	12	OFF COAST OF COSTA RICA
	03	11	41	49.8*	59.586	N	18.449	E	10	G			0.7	8	SWEDEN. ML 2.6 (NAO).
	03	11	49	08.4%	39.293	N	27.569	E	15	G			0.7	5	TURKEY. MD 2.7 (ISK).
a	03	11	54	43.5	24.066	N	122.289	E	33	N	5.6	5.5	0.9	361	TAIWAN REGION. Mw 5.7 (HRV). Ms 5.0 (BRK). Felt throughout Taiwan.
	03	12	20	58.5?	16.98	N	61.76	W	70	G			0.3	5	LEEWARD ISLANDS
	03	12	31	20.9	36.120	N	34.123	W	10	G	4.5		1.2	40	AZORES ISLANDS REGION
	03	12	33	37.5	36.055	N	34.141	W	10	G	4.6		0.8	43	AZORES ISLANDS REGION
	03	12	38	04.6*	24.217	N	122.631	E	40	G	4.0		1.1	15	TAIWAN REGION
a	03	12	50	43.2	0.698	N	26.129	W	10	G	4.8	5.2	1.0	64	CENTRAL MID-ATLANTIC RIDGE. Mw 5.9 (HRV).
	03	12	58	41.9	39.472	N	116.528	W	5	G			0.7	27	NEVADA. ML 3.7 (GS). MD 3.6 (REN).
	03	13	33	59.5*	57.702	S	25.410	W	80	G	4.3		0.7	25	SOUTH SANDWICH ISLANDS REGION
	03	14	44	02.3*	40.317	N	8.696	W	5	G	3.9		1.3	9	PORTUGAL
	03	14	50	42.5?	44.56	N	6.86	E	5	G			0.1	4	FRANCE. ML 1.9 (GEN).
	03	15	36	36.6	0.928	N	27.987	W	10	G	4.8	4.1	0.9	63	CENTRAL MID-ATLANTIC RIDGE
a	03	15	43	46.5	20.123	S	178.770	W	623	D	5.0		1.0	176	FIJI ISLANDS REGION. Mw 5.6 (HRV).
	03	15	45	05.9	53.513	N	163.468	W	33	N	4.4		1.0	37	UNIMAK ISLAND REGION. ML 4.7 (PMR).
	03	16	13	18.6&	35.849	N	117.631	W	5					52	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	03	16	39	06.5*	19.977	S	178.750	W	620	G	4.3		1.1	24	FIJI ISLANDS REGION
	03	17	09	20.0	48.003	N	6.750	E	5	G			0.2	9	FRANCE. ML 2.0 (LDG), 1.4 (STR).

	03	18	04	46.7*	33.024	S	69.671	W	110	G		1.0	13	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	03	18	34	47.7	45.982	N	14.071	E	5	G		1.3	9	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU), 2.2 (TRI). Felt in the Spodnja Idrija area.
	03	20	08	14.2	29.623	N	51.218	E	33	N	4.3	0.6	40	SOUTHERN IRAN
a	03	22	33	26.0	24.067	N	122.303	E	26	D	5.2 5.0	1.0	164	TAIWAN REGION. Mw 5.4 (HRV).
	03	22	45	25.3*	24.174	N	122.696	E	20	G	4.1	0.6	11	TAIWAN REGION
	03	23	04	08.1*	31.132	S	69.054	W	100	?		0.9	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
a	03	23	26	21.6*	54.849	S	147.074	E	10	G	4.6 5.1	1.5	30	WEST OF MACQUARIE ISLAND. Mw 5.4 (HRV).
	04	00	52	33.9&	59.521	N	152.886	W	97				94	SOUTHERN ALASKA. <AEIC>.
	04	00	54	10.4*	38.234	N	22.163	E	10	G		0.9	12	GREECE. ML 3.0 (THE).
	04	01	34	49.2	43.987	N	7.661	E	10			0.5	20	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG), 2.4 (GEN).
a	04	02	01	04.6	12.277	N	143.486	E	22	D	5.1 4.7	1.1	77	SOUTH OF MARIANA ISLANDS. Mw 5.2 (HRV).
	04	02	38	02.8&	16.393	N	61.480	W	10	G		0.5	5	LEEWARD ISLANDS. ML 2.2 (FDF).
	04	02	51	22.2&	37.589	N	28.986	E	10	G		1.0	9	TURKEY. MD 3.3 (ISK).
	04	02	53	06.9	23.545	S	179.898	E	580	G	4.4	0.7	18	SOUTH OF FIJI ISLANDS
	04	03	31	29.8&	37.859	N	29.088	E	9			0.5	9	TURKEY. MD 3.4 (ISK).
	04	03	48	58.7*	51.418	N	6.893	E	10	G		0.1	5	GERMANY. ML 2.3 (DBN), 2.2 (UCC).
	04	04	51	38.5	39.486	N	116.525	W	5	G		1.3	23	NEVADA. ML 3.4 (GS).
	04	05	08	15.9&	34.267	N	117.469	W	10				64	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS). Felt (IV) at Alta Loma, Lytle Creek, Mount Baldy, Rialto and Wrightwood; (III) at Rancho Cucamonga.
	04	05	46	14.4	25.086	N	96.107	E	20	G	4.6 4.7	1.2	71	MYANMAR
	04	06	21	10.0	36.440	N	70.194	E	225	*	4.2	0.7	27	HINDU KUSH REGION, AFGHANISTAN
	04	06	26	49.8&	34.054	N	117.259	W	18				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS). Felt in the San Bernardino area.
	04	06	55	37.1	6.666	N	93.654	E	70	G	4.4	0.8	26	NICOBAR ISLANDS, INDIA
a	04	07	10	15.6	33.749	N	38.623	W	10	G	5.2 5.4	1.2	238	NORTHERN MID-ATLANTIC RIDGE. Mw 5.8 (HRV).
	04	07	11	20.9&	44.507	N	7.266	E	12	*		0.1	8	NORTHERN ITALY. ML 2.0 (GEN).
	04	07	33	02.5?	39.14	N	27.72	E	10	G		0.2	4	TURKEY. MD 2.7 (ISK).
	04	07	57	56.2&	37.829	N	29.115	E	10	G		0.9	8	TURKEY. MD 3.2 (ISK).
	04	08	57	18.8&	38.681	N	30.272	E	10	G		1.2	6	TURKEY. MD 3.2 (ISK).
	04	09	09	28.7?	38.69	N	30.24	E	10	G		1.5	4	TURKEY. MD 3.1 (ISK).
	04	09	27	30.5*	16.424	N	61.520	W	15	G		0.4	5	LEEWARD ISLANDS. ML 1.9 (FDF).
	04	10	11	17.0	51.552	N	16.185	E	29		3.7	1.0	17	POLAND. ML 3.5 (VIE), 3.3 (MOX), 3.1 (FUR).
	04	10	30	14.0	48.229	N	152.682	E	200	G	4.0	0.7	21	KURIL ISLANDS
	04	11	13	52.1*	17.967	S	167.359	E	33	N	4.2	1.1	12	VANUATU ISLANDS
	04	11	17	37.5	36.279	N	144.450	E	33	N	4.6 4.0	1.0	43	OFF EAST COAST OF HONSHU, JAPAN
	04	11	23	33.2*	40.439	N	32.348	E	10	G		0.4	13	TURKEY. MD 3.9 (ISK). Felt at Ankara.
	04	11	30	23.6	36.456	N	144.432	E	36	D	4.8 4.1	1.0	85	OFF EAST COAST OF HONSHU, JAPAN
a	04	11	39	45.0	6.813	S	154.560	E	36	D	5.1 4.9	1.1	76	SOLOMON ISLANDS. Mw 5.4 (HRV).
	04	11	44	17.2	36.458	N	144.361	E	33	N	4.1 4.0	0.7	8	OFF EAST COAST OF HONSHU, JAPAN
	04	11	50	27.6	6.879	S	151.251	E	230	?	4.0	0.7	15	NEW BRITAIN REGION, P.N.G.
	04	12	07	39.3?	16.69	S	171.65	W	5	?	4.6	1.2	17	SAMOA ISLANDS REGION
	04	12	29	00.2?	42.06	N	23.20	E	5	G		0.6	7	BULGARIA. ML 2.8 (THE).
	04	12	42	14.4?	39.13	N	27.55	E	10	G		0.6	4	TURKEY. MD 2.7 (ISK).
	04	12	42	34.2	42.439	N	19.860	E	10	G		0.5	10	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	04	13	16	25.7*	35.717	N	140.637	E	33	N	4.2	1.3	9	NEAR EAST COAST OF HONSHU, JAPAN
	04	13	48	00.4*	20.534	N	120.842	E	33	N	4.1	0.6	10	PHILIPPINE ISLANDS REGION
	04	14	18	18.7*	15.139	N	60.691	W	40	G		0.1	7	LEEWARD ISLANDS
	04	15	06	15.3	36.517	N	144.412	E	33	N	4.6 4.0	1.0	72	OFF EAST COAST OF HONSHU, JAPAN
	04	15	15	04.2?	40.44	N	27.98	E	10	G		1.4	4	TURKEY. MD 2.6 (ISK).
	04	15	15	30.1	1.283	S	127.567	E	40	*	4.8	1.0	26	HALMAHERA, INDONESIA
	04	15	29	52.6	28.148	N	71.604	E	21	D	4.8 3.9	0.8	53	INDIA-PAKISTAN BORDER REG.
	04	15	35	29.6&	39.500	N	122.971	W	10				8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	04	16	02	36.5*	43.408	N	7.757	E	10	G		1.5	8	NEAR SOUTH COAST OF FRANCE. ML 1.7 (LDG), 1.5 (STR).
	04	16	13	31.3	41.310	N	21.907	E	5	G		0.6	11	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.6 (SKO).
	04	17	10	08.6	40.583	N	23.650	E	10	G	4.3	1.3	110	GREECE. ML 4.3 (THE). MD 4.2 (TTG), 4.2 (ATH). Felt in northern Khalkidhiki and at Thessaloniki.
	04	17	12	10.6*	40.488	N	23.554	E	10	G		1.0	5	GREECE
	04	17	13	54.6&	40.525	N	23.600	E	10	G		0.3	6	GREECE. ML 2.5 (THE).
	04	17	16	07.1&	40.558	N	23.642	E	10	G		0.7	7	GREECE. ML 2.1 (THE).
a	04	17	21	05.6	6.126	N	126.975	E	100		5.4	1.0	163	MINDANAO, PHILIPPINE ISLANDS. Mw 5.8 (HRV).
	04	17	27	04.9	40.587	N	23.746	E	7		3.8	1.2	66	GREECE. MD 4.1 (ISK), 3.8 (ATH). ML 3.8 (THE), 3.8 (TTG). Felt in northern Khalkidhiki and at Thessaloniki.
	04	17	29	43.7?	40.64	N	23.54	E	10	G		1.1	4	GREECE
	04	17	30	22.8	40.534	N	23.638	E	10	G		0.8	13	GREECE. ML 3.3 (THE).
	04	17	32	16.7&	40.575	N	23.651	E	10	G		0.8	8	GREECE. ML 2.5 (THE).
	04	17	34	10.4&	40.552	N	23.593	E	5	G		0.7	7	GREECE. ML 2.2 (THE).
	04	17	39	06.6&	40.533	N	23.582	E	5	G		0.9	7	GREECE. ML 1.9 (THE).
	04	17	43	25.8&	40.570	N	23.687	E	13	*		0.4	11	GREECE. ML 2.5 (THE).
	04	17	50	17.8&	40.523	N	23.588	E	5	G		0.4	6	GREECE
	04	17	51	38.2&	40.520	N	23.564	E	10	G		0.2	7	GREECE. ML 1.8 (THE).
	04	17	53	49.2&	40.540	N	23.591	E	5	G		0.5	7	GREECE. ML 2.0 (THE).
	04	17	56	23.7	40.563	N	23.641	E	5	G		0.4	11	GREECE. ML 2.7 (THE).
	04	18	11	51.7&	40.557	N	23.634	E	5	G		0.5	8	GREECE. ML 1.8 (THE).
	04	18	16	23.1&	40.560	N	23.653	E	5	G		0.7	8	GREECE. ML 2.1 (THE).
	04	18	17	13.2&	40.554	N	23.654	E	5	G		0.5	8	GREECE. ML 2.0 (THE).
	04	18	18	22.5&	11.138	N	61.785	W	10	G		0.6	6	WINDWARD ISLANDS. MD 3.1 (TRN).
	04	18	21	49.9&	39.616	N	22.538	E	15	G		1.5	6	GREECE. ML 2.0 (THE).
	04	18	23	17.9&	40.558	N	23.632	E	5	G		0.6	7	GREECE. ML 1.7 (THE).
	04	18	37	07.0&	40.550	N	23.636	E	5	G		0.7	8	GREECE. ML 1.9 (THE).
	04	18	38	40.6&	40.561	N	23.643	E	10	G		0.6	7	GREECE. ML 1.0 (THE).
	04	18	42	52.7	40.549	N	23.628	E	12			0.9	12	GREECE. ML 2.6 (THE).
	04	19	21	07.2&	40.545	N	23.602	E	5			0.6	12	GREECE. ML 2.4 (THE).
	04	19	25	06.0?	36.38	N	9.98	W	10	G		1.0	21	WEST OF GIBRALTAR. mbLg 3.8 (MDD).
	04	19	26	12.5	37.538	N	29.839	E	15	G		0.6	8	TURKEY. MD 3.3 (ISK).
	04	19	46	57.0?	14.96	S	174.29	W	33	N	4.3	1.4	25	SAMOA ISLANDS REGION
	04	20	33	22.5&	33.586	S	70.343	W	100	G		1.0	11	CHILE-ARGENTINA BORDER REGION
	04	21	07	49.2&	40.547	N	23.629	E	5	G		0.8	8	GREECE. ML 2.3 (THE).
	04	21	08	30.6&	40.540	N	23.662	E	5	G		0.7	7	GREECE. ML 2.1 (THE).
	04	21	41	27.2&	40.552	N	23.596	E	5	G		0.5	6	GREECE. ML 1.8 (THE).
	04	21	42	10.3&	40.602	N	23.704	E	5	G		0.7	7	GREECE. ML 2.0 (THE).

	04	21	58	01.1%	11.540	N	61.611	W	10	G		1.1	5	WINDWARD ISLANDS. MD 3.0 (TRN).
	04	22	05	05.3	4.820	S	144.691	E	75	*	4.3	1.0	22	NEAR N COAST OF NEW GUINEA, PNG.
	05	00	09	05.8%	39.247	N	28.102	E	5	G		0.4	5	TURKEY. MD 2.7 (ISK).
	05	00	18	50.8?	17.64	N	66.69	W	10	G		0.9	6	PUERTO RICO REGION
	05	00	20	26.5	25.185	N	124.887	E	95	D	4.2	1.2	33	NORTHEAST OF TAIWAN
	05	01	11	20.0?	10.47	N	61.03	W	33	N		0.1	5	TRINIDAD. MD 2.6 (TRN).
	05	01	57	13.7?	34.45	S	70.36	W	10	?		0.2	5	CHILE-ARGENTINA BORDER REGION
	05	02	24	10.4	13.825	S	167.252	E	220	G	5.1	1.4	145	VANUATU ISLANDS
	05	02	53	40.2%	39.562	N	29.194	E	10	G		0.4	8	TURKEY. MD 3.0 (ISK).
	05	03	01	18.7&	59.974	N	152.825	W	94				49	SOUTHERN ALASKA. <AEIC>.
	05	03	18	59.7?	31.65	N	94.11	E	33	N		0.7	5	XIZANG
	05	04	25	08.4	37.924	N	139.290	E	10	G	4.6	1.1	47	EASTERN HONSHU, JAPAN. Felt (IV JMA) in the epicentral area.
	05	04	25	53.6*	39.956	N	20.318	E	33	N		0.6	7	GREECE-ALBANIA BORDER REGION
	05	04	47	30.4?	11.91	N	60.64	W	10	G		0.1	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	05	04	54	20.6	9.088	S	158.588	E	60	G	4.4	1.0	32	SOLOMON ISLANDS
	05	05	05	00.1	25.990	N	102.637	E	25	G	4.3	1.1	19	YUNNAN, CHINA
	05	05	13	41.5?	34.46	S	70.36	W	10	G		0.1	5	CHILE-ARGENTINA BORDER REGION
	05	05	17	42.6	44.095	N	7.818	E	5	G		0.3	15	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	05	05	31	16.2	35.200	N	99.028	W	5	G		0.8	9	OKLAHOMA. mbLg 3.0 (GS), 2.8 (TUL).
	05	05	39	38.2	8.960	S	115.703	E	102		4.8	1.0	29	BALI REGION, INDONESIA
	05	05	53	49.0%	40.547	N	23.633	E	5	G		0.5	8	GREECE. ML 2.1 (THE).
	05	06	31	58.2%	39.608	N	29.400	E	5	G		0.6	6	TURKEY. MD 2.7 (ISK).
	05	07	08	26.8	44.683	N	6.828	E	10	G		0.4	5	FRANCE. ML 1.9 (GEN).
	05	07	38	53.4*	36.805	N	71.520	E	150	G	4.3	1.4	14	AFGHANISTAN-TAJIKISTAN BORD REG.
	05	07	52	09.5	34.382	N	27.627	E	26	*	4.5	1.3	102	EASTERN MEDITERRANEAN SEA. ML 4.4 (CSS).
	05	07	55	21.3&	37.286	N	121.663	W	6				30	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
a	05	08	47	54.2	6.308	S	105.186	E	78		5.1	1.2	102	SUNDA STRAIT. Mw 5.1 (HRV).
	05	09	32	27.6*	25.548	N	123.236	E	125	G	4.3	0.9	22	NORTHEAST OF TAIWAN
	05	09	32	33.6&	38.783	N	122.758	W	2				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.6 (GM).
	05	10	36	01.5%	40.592	N	23.667	E	15	G		0.6	7	GREECE. ML 2.1 (THE).
	05	11	07	53.6	40.560	N	23.697	E	10	G		0.9	19	GREECE. ML 3.0 (THE).
	05	11	22	08.8	32.731	S	69.284	W	33	N		1.2	10	MENDOZA PROVINCE, ARGENTINA. MD 3.1 (SAN).
	05	11	29	23.3%	40.560	N	23.676	E	10	G		0.6	9	GREECE. ML 2.1 (THE).
	05	11	44	59.2%	40.562	N	23.673	E	10	G		0.4	8	GREECE. ML 2.0 (THE).
	05	12	03	56.7	45.953	N	14.848	E	10	G		0.8	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU). Felt in the Moravce region.
	05	12	40	16.3	40.817	N	27.776	E	15	G		0.3	7	TURKEY. MD 3.0 (ISK).
	05	12	55	50.7	59.360	N	18.371	E	15	G		0.9	7	SWEDEN. ML 2.4 (NAO).
	05	13	26	52.1*	59.568	N	18.313	E	15	G		0.7	7	SWEDEN. ML 2.7 (NAO).
	05	13	38	23.1*	59.538	N	18.339	E	10	G		0.8	9	SWEDEN. ML 2.5 (NAO).
	05	13	44	35.8*	1.720	N	127.576	E	120	G	4.9	1.0	14	HALMAHERA, INDONESIA
	05	13	56	06.7%	40.530	N	23.622	E	10	G		0.7	7	GREECE. ML 1.3 (THE).
a	05	14	52	00.4	27.553	N	139.832	E	475	D	5.0	0.9	215	BONIN ISLANDS REGION. Mw 5.1 (HRV).
	05	15	23	51.9	39.389	N	25.582	E	10			1.5	16	AEGEAN SEA. MD 3.7 (ISK). ML 3.6 (THE).
	05	15	33	44.5?	55.07	N	157.00	W	33	N		0.6	7	SOUTH OF ALASKA
	05	15	39	07.1*	32.014	S	69.893	W	120	G		0.4	11	MENDOZA PROVINCE, ARGENTINA. MD 3.3 (SAN).
	05	16	06	41.3*	36.197	N	27.468	E	10	G		1.3	7	DODECANESE ISLANDS. MD 3.9 (ATH), 3.5 (ISK).
	05	16	15	26.7	40.569	N	23.703	E	10	G		0.9	13	GREECE. ML 2.6 (THE).
	05	16	20	50.9	42.893	N	18.555	E	24	*		0.7	10	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	05	16	45	50.6	44.055	N	7.200	E	10			0.7	21	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
	05	17	09	53.7	6.116	S	103.777	E	15	G	4.5	0.5	29	SOUTHWEST OF SUMATERA, INDONESIA
	05	17	12	03.3*	36.073	N	27.897	E	33	N		1.2	9	DODECANESE ISLANDS. MD 3.2 (ISK).
	05	17	26	00.2*	10.932	N	141.387	E	33	N	4.1	1.3	12	WESTERN CAROLINE ISLANDS
	05	20	12	53.7%	40.836	N	27.807	E	10	G		0.5	5	TURKEY. MD 2.6 (ISK).
	05	20	15	46.2%	40.562	N	23.678	E	5	G		0.6	9	GREECE. ML 2.1 (THE).
	05	20	20	26.1&	35.783	N	120.324	W	8				59	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (PAS), 3.2 (GS), 3.0 (BRK).
	05	21	12	54.5	6.291	S	128.310	E	367		4.4	0.9	25	BANDA SEA
	05	21	23	42.0?	4.19	S	135.50	E	33	N	4.6	1.5	6	IRIAN JAYA REGION, INDONESIA
	05	21	54	07.0?	0.96	S	137.01	E	33	N	4.0	0.7	6	IRIAN JAYA REGION, INDONESIA
	05	22	13	43.4*	51.016	N	15.913	E	5	*		1.3	6	POLAND. ML 2.3 (MOX).
	05	23	38	44.3*	32.434	S	126.937	E	10	G		1.1	11	WESTERN AUSTRALIA
	05	23	46	21.9%	40.541	N	23.633	E	5	G		0.5	8	GREECE. ML 2.2 (THE).
a	05	23	50	10.5*	41.166	S	85.559	E	10	G	4.5 4.9	1.2	19	SOUTHEAST INDIAN RIDGE. Mw 5.2 (HRV).
	05	23	53	47.6	40.547	N	23.604	E	5	G		0.6	11	GREECE. ML 2.3 (THE).
	05	23	58	42.7%	40.553	N	23.632	E	5	G		0.5	8	GREECE. ML 1.3 (THE).
	06	00	31	55.4&	63.424	N	151.104	W	9				44	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
	06	01	01	21.5?	8.85	N	126.72	E	33	N	4.6	1.3	9	MINDANAO, PHILIPPINE ISLANDS
	06	01	40	49.2%	40.545	N	23.633	E	5	G		0.5	7	GREECE. ML 2.1 (THE).
	06	01	41	06.3%	40.558	N	23.637	E	5	G		0.6	8	GREECE. ML 2.1 (THE).
	06	01	43	05.0	32.304	S	71.346	W	50	D	5.2	1.1	96	NEAR COAST OF CENTRAL CHILE. MD 4.9 (SAN). Felt (V) at Los Vilos, Papudo, Valparaiso and Vina del Mar; (IV) at Combarbala, Graneros, Peumo, Quillota, Quilpue, Rancagua, Rengo, San Antonio, Santiago, San Vicente and Villa Alemana.
	06	02	01	17.5*	40.854	N	20.870	E	8			1.3	11	GREECE-ALBANIA BORDER REGION. ML 2.8 (TTG).
	06	02	23	47.2%	40.544	N	23.631	E	5	G		0.4	8	GREECE. ML 1.9 (THE).
	06	02	51	08.0?	24.20	N	123.74	E	33	N	4.0	0.8	11	SOUTHWESTERN RYUKYU ISLANDS
	06	03	10	01.9	5.398	S	150.141	E	200	*	4.5	0.7	17	NEW BRITAIN REGION, P.N.G.
	06	03	18	36.9*	36.384	N	71.056	E	33	N	4.4	0.9	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	06	03	38	58.9*	21.130	S	178.346	W	600	G	3.8	1.2	16	FIJI ISLANDS REGION
	06	04	42	29.7	29.832	S	71.493	W	59	D	4.5	1.0	57	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN). Felt (V) at Coquimbo and La Serena; (III) at Illapel, Los Vilos and Ovalle; (II) at Combarbala.
a	06	05	02	16.6	15.417	S	166.230	E	28	D	5.5 5.3	1.2	230	VANUATU ISLANDS. Mw 5.7 (HRV). Ms 5.3 (BRK).
	06	05	21	51.2&	59.337	N	148.844	W	20		2.7		73	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	06	05	24	57.1?	27.31	N	33.40	E	30	G		1.5	11	EGYPT. MD 4.3 (RYD).
	06	05	32	40.9&	50.928	N	130.711	W	10	G	3.4		8	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	06	07	24	51.9%	40.531	N	23.624	E	5	G		0.6	8	GREECE. ML 1.6 (THE).
	06	07	32	17.5&	61.575	N	152.083	W	107		2.7		73	SOUTHERN ALASKA. <AEIC>.
	06	07	54	59.3&	51.003	N	130.628	W	10	G	3.2		5	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.5 (PGC).

	06	08	24	13.7?	16.93	S	178.21	W	550	G	4.5		0.8	11	FIJI ISLANDS REGION
	06	08	31	01.3	55.750	N	154.399	W	33	N	4.9	4.2	0.9	150	SOUTH OF ALASKA
	06	08	56	17.1?	39.16	N	27.48	E	10	G			0.3	4	TURKEY. MD 2.7 (ISK).
	06	08	59	26.5&	31.316	N	114.332	W	35					6	GULF OF CALIFORNIA. <ECX-P>. MD 3.5 (ECX).
	06	09	05	43.6	45.624	N	14.377	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU), 2.0 (TRI).
	06	09	26	08.5&	59.891	N	153.451	W	132					60	SOUTHERN ALASKA. <AEIC>.
	06	10	15	[redacted]8.3*	31.774	S	71.812	W	20	G			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	06	10	17	16.4	39.385	N	21.908	E	33	N			0.3	9	GREECE. ML 2.5 (THE).
	06	10	18	09.5&	49.227	N	129.802	W	10	G	2.9			14	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.1 (PGC).
	06	10	23	14.6?	39.69	N	29.34	E	10	G			0.2	4	TURKEY. MD 2.6 (ISK).
	06	10	30	52.1	40.873	N	20.944	E	10	G			1.0	22	GREECE-ALBANIA BORDER REGION. ML 3.1 (TTG), 2.9 (THE), 2.5 (SKO).
	06	10	37	23.9?	39.09	N	27.58	E	10	G			0.7	4	TURKEY. MD 2.7 (ISK).
	06	10	42	23.4%	15.144	N	60.667	W	33	N			0.2	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	06	10	47	59.6%	40.413	N	21.847	E	10	G			0.9	10	GREECE. ML 2.0 (THE).
	06	11	58	04.7?	34.37	S	71.21	W	60	G			0.1	7	NEAR COAST OF CENTRAL CHILE
	06	11	59	02.8?	39.25	N	27.62	E	10	G			1.1	4	TURKEY. MD 2.8 (ISK).
	06	12	12	56.6	12.278	N	88.769	W	45	G	3.6		0.4	18	OFF COAST OF CENTRAL AMERICA. MD 3.3 (SSS). Felt at San Salvador, El Salvador.
	06	12	42	23.5*	48.893	N	126.223	E	33	N	3.9		1.0	8	NORTHEASTERN CHINA
	06	12	58	07.9%	33.375	S	70.666	W	60	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	06	13	26	23.7	41.222	N	21.987	E	10	G			0.8	11	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 1.8 (SKO).
	06	13	35	09.9	44.401	N	116.098	W	5	G			0.7	22	WESTERN IDAHO. ML 3.6 (GS), 3.7 (BUT). Felt (III) at Ola.
	06	14	26	13.0	30.888	N	67.946	E	33	N	4.3		1.5	19	PAKISTAN
a	06	15	39	11.9	6.251	S	147.649	E	103		4.9		1.2	48	EASTERN NEW GUINEA REG., P.N.G. Mw 5.1 (HRV).
	06	16	13	13.9	54.170	N	35.127	W	10	G	4.5	3.7	1.0	32	NORTH ATLANTIC OCEAN
	06	16	35	36.6*	0.663	S	133.122	E	33	N	4.5		0.8	19	IRIAN JAYA REGION, INDONESIA
a	06	16	59	53.4	4.877	S	133.896	E	28	D	5.0	4.4	1.1	59	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV).
	06	17	27	25.1	40.851	N	28.315	E	10	G			0.6	10	TURKEY. MD 3.5 (ISK).
	06	17	30	04.1*	15.267	S	173.282	W	33	N	4.3		1.2	15	TONGA ISLANDS
	06	17	37	36.2%	11.500	N	61.187	W	33	N			0.7	6	WINDWARD ISLANDS. MD 2.9 (TRN).
	06	18	38	56.9&	35.082	N	119.068	W	13					49	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	06	19	26	23.4	5.226	N	72.989	W	37		4.5		1.0	79	COLOMBIA. MD 5.2 (UPA). Felt in Boyaca and Cundinamarca Departments.
	06	19	30	55.3%	40.515	N	23.613	E	5	G			0.6	7	GREECE. ML 2.5 (THE).
	06	20	27	26.0	44.443	N	7.292	E	10	?			0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
a	06	20	47	48.9	10.927	N	125.971	E	38	D	5.2	4.7	1.0	125	LEYTE, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	06	21	13	47.9	48.122	N	7.525	E	10	G			0.9	10	FRANCE. ML 2.3 (LDG), 1.9 (STR).
	06	21	30	07.9?	35.11	S	71.20	W	100	G			0.5	8	CENTRAL CHILE
	06	23	05	39.7*	34.529	S	70.451	W	100	G			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	06	23	24	38.0*	18.292	S	179.147	W	481		4.5		1.1	67	FIJI ISLANDS REGION
	06	23	24	49.2	33.295	S	118.263	E	10	G			0.6	7	WESTERN AUSTRALIA
	06	23	52	11.3%	40.552	N	23.660	E	5	G			0.7	7	GREECE. ML 1.8 (THE).
	07	00	52	31.8*	43.462	N	147.685	E	33	N	4.4		1.0	23	KURIL ISLANDS
	07	02	10	30.8?	43.48	N	5.69	E	5				0.4	11	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG), 1.8 (STR).
	07	02	20	49.7*	0.182	S	124.477	E	34	D	4.8	4.5	1.2	69	SOUTHERN MOLUCCA SEA
	07	02	34	45.6*	17.910	N	66.730	W	19	?			0.1	7	PUERTO RICO REGION
	07	03	16	41.1*	11.068	N	126.131	E	33	N	4.8		1.0	19	PHILIPPINE ISLANDS REGION
	07	03	17	51.8&	34.365	N	116.470	W	1					34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	07	03	29	25.9%	33.676	S	71.755	W	20	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	07	05	46	51.0%	45.377	N	3.166	E	10	G			0.9	10	FRANCE. ML 2.0 (LDG).
	07	05	47	32.2?	17.65	S	178.83	W	640	G	4.2		0.7	15	FIJI ISLANDS REGION
	07	06	08	51.8%	33.901	S	71.228	W	60	G			0.1	6	NEAR COAST OF CENTRAL CHILE
	07	06	32	50.3*	23.944	S	66.792	W	199	*	3.8		1.2	22	JUJUY PROVINCE, ARGENTINA
	07	07	28	28.0?	39.15	N	27.59	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	07	09	15	20.6*	1.360	S	127.697	E	33	N	4.5		0.6	15	HALMAHERA, INDONESIA
a	07	10	02	00.2	56.700	S	26.733	W	90	G	5.1		1.0	44	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
	07	10	13	05.1	36.748	N	71.262	E	45	G	4.3		0.8	24	AFGHANISTAN-TAJIKISTAN BORD REG.
	07	10	19	28.3&	58.243	N	154.044	W	75					41	ALASKA PENINSULA. <AEIC>.
	07	10	45	59.2	36.534	N	144.501	E	33	N	4.3		1.0	25	OFF EAST COAST OF HONSHU, JAPAN
	07	11	09	10.2	3.147	N	126.876	E	32	D	4.5	4.4	1.0	31	TALAUD ISLANDS, INDONESIA
	07	11	32	13.2&	62.781	N	150.822	W	86					46	CENTRAL ALASKA. <AEIC>.
	07	11	39	03.8	47.283	N	11.251	E	10	G			0.4	7	AUSTRIA. ML 2.0 (VIE).
	07	12	18	54.9&	60.196	N	153.096	W	131		3.2			59	SOUTHERN ALASKA. <AEIC>.
	07	13	57	52.6?	40.47	N	28.80	E	5	G			0.4	4	TURKEY. MD 2.6 (ISK).
	07	14	00	01.7*	17.750	S	174.587	W	70	G	4.7		1.5	43	TONGA ISLANDS
	07	14	39	31.8&	67.174	N	146.264	W	8					19	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	07	14	40	18.8%	33.369	S	71.926	W	20	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	07	15	36	23.5*	40.730	N	8.270	W	10	G			1.6	8	PORTUGAL. mbLg 3.1 (MDD).
	07	15	44	39.1%	33.180	S	70.328	W	5	*			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
a	07	16	01	24.8	25.597	S	70.300	W	64	D	5.0		0.9	70	NEAR COAST OF NORTHERN CHILE. Mw 5.1 (HRV). Felt (V) at Inca de Oro; (IV) at Diego de Almagro and Taltal; (III) at Chanaral, Copiapo, Potrerillos and Tierra Amarilla.
	07	16	17	51.0	40.969	N	19.879	E	5	G			1.1	20	ALBANIA. MD 3.5 (TTG). ML 3.0 (THE).
	07	16	31	02.5?	32.10	S	179.41	W	33	N	4.7		0.8	12	SOUTH OF KERMADEC ISLANDS
	07	16	54	12.6	3.320	S	135.821	E	33	N	4.7		1.3	30	IRIAN JAYA REGION, INDONESIA
	07	18	18	22.5*	61.187	N	5.021	E	10	*			1.1	8	SOUTHERN NORWAY. MD 1.7 (BER).
	07	18	27	26.3*	34.220	N	26.168	E	33	?	4.3		0.7	18	CRETE
a	07	18	53	17.2	3.278	N	127.972	E	74	*	4.9		1.1	54	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV).
	07	19	12	11.7&	63.500	N	147.132	W	10					33	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	07	20	03	00.9	51.634	N	16.086	E	10				1.0	12	POLAND. ML 2.4 (MOX).
	07	20	54	56.1	36.227	N	70.908	E	210	G	4.1		0.7	19	HINDU KUSH REGION, AFGHANISTAN
	07	21	27	18.2*	42.211	N	1.503	E	5	G			1.0	9	PYRENEES. mbLg 2.8 (MDD). ML 2.4 (LDG).
	07	21	49	35.6*	35.866	N	71.527	E	135	G	4.4		0.6	20	PAKISTAN
a	07	22	06	56.8	15.199	S	173.529	W	21	G	6.8	8.0	1.1	670	TONGA ISLANDS. Mw 7.4 (GS), 7.4 (HRV). Ms 8.1 (BRK). MD 7.1 (SVA). Mo=1.1*10**20 Nm (PPT). Felt (V) at Apia, Western Samoa. Local tsunami generated with recorded maximum wave heights (peak-to-trough) of about 30 cm at Pago Pago, American Samoa and about 5 cm on Niue Island. Two events about 2 seconds apart. Depth from broadband displacement seismograms, based on second event.

	07	23	00	26.4?	15.39	S	173.68	W	33	N	4.6		1.3	14	TONGA ISLANDS
	07	23	23	19.3*	44.861	N	149.755	E	40	G	4.5		1.2	42	KURIL ISLANDS
	07	23	32	52.6*	15.148	S	173.325	W	33	N	4.7		1.0	37	TONGA ISLANDS
	07	23	41	22.9*	15.038	S	173.671	W	33	N	4.6		1.5	60	TONGA ISLANDS
	07	23	53	58.4*	15.195	S	173.710	W	33	N	4.3		1.4	43	TONGA ISLANDS
	08	00	37	01.0*	5.586	N	82.717	W	33	N	5.1		0.8	8	SOUTH OF PANAMA. MD 4.4 (UPA).
	08	00	44	47.0*	51.249	N	15.758	E	10	G			1.2	5	POLAND. ML 2.1 (MOX).
	08	00	57	12.2&	59.398	N	153.217	W	93					34	SOUTHERN ALASKA. <AEIC>.
	08	00	57	33.2*	7.241	S	128.603	E	71	?	4.6		0.8	22	BANDA SEA
	08	01	02	08.0*	15.136	S	173.549	W	33	N	5.0		1.1	84	TONGA ISLANDS
	08	01	20	08.7	15.213	S	173.421	W	38	D	5.8	6.1	1.2	372	TONGA ISLANDS
	08	01	53	54.9	3.020	N	128.650	E	250	G	4.2		0.5	23	NORTH OF HALMAHERA, INDONESIA
	08	01	57	41.7*	13.512	N	121.018	E	33	N	4.3		0.9	14	MINDORO, PHILIPPINE ISLANDS
	08	03	26	09.6*	5.089	N	82.359	W	8	?	4.2		1.3	35	SOUTH OF PANAMA. MD 4.8 (UPA).
	08	03	27	13.8*	24.340	S	179.766	E	570	?	4.4		0.7	33	SOUTH OF FIJI ISLANDS
	08	03	49	29.0*	15.200	S	173.520	W	33	N	4.8		1.3	53	TONGA ISLANDS
	08	05	06	10.5	22.243	N	143.415	E	147	*	4.6		0.9	46	VOLCANO ISLANDS REGION
	08	05	18	07.5?	34.47	S	70.34	W	5				0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	08	05	49	55.0	42.971	N	1.599	W	25				1.3	24	PYRENEES. mbLg 3.1 (MDD). ML 3.1 (LDG). Felt (III) in the Pamplona area, Spain.
	08	05	51	37.1	42.986	N	1.703	W	20				0.8	18	PYRENEES. ML 3.2 (LDG). mbLg 3.1 (MDD). Felt (III) in the Pamplona area, Spain.
	08	05	57	50.7	23.568	S	179.668	E	615	*	4.6		1.1	25	SOUTH OF FIJI ISLANDS
	08	06	15	02.1?	32.62	S	71.76	W	15	*			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	08	06	21	04.3	0.578	S	124.231	E	60	*	4.9	4.8	1.2	102	SOUTHERN MOLUCCA SEA
	08	06	48	50.3?	15.66	S	173.33	W	33	N	4.5		0.7	11	TONGA ISLANDS
	08	07	52	04.5	5.197	N	127.275	E	33	N	4.8		0.6	24	PHILIPPINE ISLANDS REGION
	08	08	25	24.1	36.140	N	31.442	E	70	G	4.1		1.0	39	TURKEY
	08	08	47	24.4?	2.62	N	99.59	E	200	?	4.2		1.3	11	NORTHERN SUMATERA, INDONESIA
	08	09	16	18.9*	31.312	S	68.876	W	114		4.4		1.1	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.5 (SAN).
	08	09	17	22.6*	15.126	S	173.780	W	33	N	4.3		1.2	28	TONGA ISLANDS
	08	10	01	21.5&	63.125	N	150.958	W	128					39	CENTRAL ALASKA. <AEIC>.
	08	10	41	14.4*	11.098	S	165.457	E	33	N	4.1		1.2	12	SANTA CRUZ ISLANDS
	08	10	44	57.3?	25.09	S	36.77	E	10	G	4.6		1.3	26	MOZAMBIQUE CHANNEL. mbLg 4.3 (BUL).
	08	11	14	35.2*	84.049	N	113.005	E	10	G	4.3		1.2	22	NORTH OF SEVERNAYA ZEMLYA
	08	11	38	59.6%	40.546	N	23.609	E	5	G			0.5	8	GREECE. ML 2.1 (THE).
	08	11	56	30.5&	62.986	N	148.415	W	67					47	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	11	58	06.5?	34.82	N	23.07	E	33	N	3.9		1.5	15	CRETE. MD 3.6 (ATH).
	08	12	47	38.9%	43.283	N	18.829	E	5	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	08	13	07	37.4*	14.881	S	167.794	E	33	N	4.5		1.3	39	VANUATU ISLANDS
	08	14	05	47.5	9.427	N	125.505	E	37	*	4.6	4.0	1.2	47	MINDANAO, PHILIPPINE ISLANDS
	08	14	15	40.7&	60.194	N	141.051	W	13					19	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PGC).
a	08	14	28	37.8	15.216	S	173.319	W	33	D	5.5	5.3	1.2	191	TONGA ISLANDS. Mw 5.5 (HRV). Ms 5.2 (BRK). Mo=2.6*10**17 Nm (PPT).
	08	15	28	16.9*	31.447	S	69.557	W	100	G			0.9	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
a	08	16	35	35.9	15.302	S	173.413	W	31	D	5.2	5.5	1.0	98	TONGA ISLANDS. Mw 5.4 (HRV). Ms 5.5 (BRK). Mo=2.1*10**17 Nm (PPT).
a	08	17	12	54.5	15.351	S	173.359	W	33	N	5.2	5.4	1.1	132	TONGA ISLANDS. Mw 5.5 (HRV).
	08	17	33	46.8*	15.314	S	173.433	W	33	N	4.2		1.0	27	TONGA ISLANDS
a	08	17	38	37.8	21.612	S	170.083	E	93	D	5.6		1.4	147	LOYALTY ISLANDS REGION. Mw 5.9 (HRV). Felt at Noumea, New Caledonia.
a	08	17	45	12.9	21.833	N	142.691	E	267	G	6.4		0.9	385	MARIANA ISLANDS REGION. Mw 6.2 (GS), 6.2 (HRV). mb 6.7 (BRK). Depth from broadband displacement seismograms.
	08	18	58	47.1	42.451	N	2.225	E	5				0.9	20	PYRENEES. mbLg 3.1 (MDD). ML 2.9 (LDG), 2.3 (STR).
a	08	19	13	52.5	52.171	N	159.046	E	39	D	5.6	4.8	0.9	381	OFF EAST COAST OF KAMCHATKA. Mw 5.5 (HRV).
	08	19	41	15.3%	37.445	N	2.633	W	10	G			1.0	8	SPAIN. mbLg 2.1 (MDD).
	08	19	43	07.5%	36.926	N	4.411	W	20	G			0.6	6	STRAIT OF GIBRALTAR. mbLg 1.9 (MDD).
	08	19	49	47.2?	37.44	N	2.65	W	10	?			0.9	5	SPAIN. mbLg 2.0 (MDD).
	08	19	52	53.8?	37.43	N	2.69	W	10	?			0.9	5	SPAIN. mbLg 2.1 (MDD).
	08	20	10	03.8*	15.086	S	173.492	W	33	N	4.3		0.9	15	TONGA ISLANDS
	08	20	46	49.8*	8.586	S	148.017	E	106	*	3.8		0.4	8	EASTERN NEW GUINEA REG., P.N.G.
	08	20	51	05.7*	15.193	S	173.593	W	33	N	4.5		1.1	20	TONGA ISLANDS
	08	22	06	17.3&	39.317	N	120.046	W	10					30	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
	08	22	43	05.5	36.557	N	70.454	E	175	G	4.2		1.3	26	HINDU KUSH REGION, AFGHANISTAN
a	08	22	45	03.2	3.139	N	126.933	E	38	D	5.1	4.9	1.2	92	TALAUD ISLANDS, INDONESIA. Mw 5.6 (HRV).
	08	22	49	55.5?	52.11	N	17.18	E	10	G			0.3	5	POLAND. ML 2.3 (MOX).
	08	23	11	47.5	49.723	N	18.750	E	10	G			0.8	6	CZECH AND SLOVAK REPUBLICS
	08	23	16	35.6&	36.545	N	121.133	W	9					23	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	08	23	26	50.1%	44.444	N	7.104	E	10	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	08	23	29	38.6*	15.164	S	173.453	W	33	N	4.2		1.0	20	TONGA ISLANDS
	08	23	47	28.8?	15.65	N	95.32	W	15	G	3.9		1.4	23	NEAR COAST OF OAXACA, MEXICO
	08	23	47	33.5	43.313	N	18.977	E	5	G			0.7	9	NORTHWESTERN BALKAN REGION. MD 2.8 (TTG).
	09	00	27	52.1%	40.617	N	23.356	E	10	G			0.5	8	GREECE. ML 1.9 (THE).
	09	00	52	13.0?	56.00	S	122.22	W	10	G	4.1	4.4	1.4	29	SOUTHERN EAST PACIFIC RISE
	09	01	23	04.0?	22.43	S	173.67	W	33	N	4.4		1.3	9	TONGA ISLANDS REGION
	09	01	31	35.9*	2.903	N	127.334	E	70	?	4.3		1.3	18	NORTHERN MOLUCCA SEA
	09	01	56	10.1*	11.032	N	62.075	W	33	N			1.1	7	WINDWARD ISLANDS. MD 3.3 (TRN).
	09	02	09	16.3	32.858	S	69.952	W	125	G			0.7	17	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	09	02	37	01.9*	15.176	S	173.635	W	27	D	4.7	4.6	1.1	54	TONGA ISLANDS
	09	03	01	20.0	6.327	S	127.929	E	359		4.8		1.2	32	BANDA SEA
	09	04	41	46.4	33.867	N	138.200	E	267		4.2		0.7	35	SOUTH OF HONSHU, JAPAN
a	09	04	44	50.2	21.796	N	121.135	E	37	D	5.2	5.0	1.1	150	TAIWAN REGION. Mw 5.2 (HRV).
	09	05	14	58.0?	15.22	S	173.64	W	33	N	4.4		1.1	26	TONGA ISLANDS
	09	05	54	03.7%	33.702	S	70.856	W	60	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	09	06	25	46.1*	31.560	S	70.036	W	125	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
a	09	06	35	53.9	0.021	N	126.552	E	53		5.2	4.4	1.1	86	NORTHERN MOLUCCA SEA. Mw 5.4 (HRV). Felt (III) at Ternate, Indonesia.
	09	06	44	42.9%	16.464	N	61.322	W	15	G			0.6	5	LEEWARD ISLANDS. ML 2.6 (FDF).
	09	07	03	16.9*	54.350	N	161.559	E	70	G	4.5		0.8	13	NEAR EAST COAST OF KAMCHATKA
	09	07	17	33.8*	43.516	N	146.568	E	33	N	4.4		1.0	25	KURIL ISLANDS
	09	09	32	06.4	27.897	N	139.930	E	500	*	4.4		0.5	28	BONIN ISLANDS REGION
	09	09	32	22.7*	4.702	S	153.198	E	57	*	4.7		1.1	56	NEW IRELAND REGION, P.N.G.
	09	09	34	36.2*	6.859	N	82.172	W	15	G	4.1		1.3	11	SOUTH OF PANAMA. MD 4.4 (UPA).

	09	09	55	22.6?	33.96	N	38.56	W	10	G	3.6		0.8	7	NORTHERN MID-ATLANTIC RIDGE
	09	10	14	48.8	42.022	N	112.209	W	10	G			1.0	9	EASTERN IDAHO. ML 2.7 (GS).
	09	10	16	39.0	24.440	N	94.607	E	39	D	4.6	3.7	0.9	42	MYANMAR-INDIA BORDER REGION
	09	11	46	24.1&	62.248	N	151.100	W	64					41	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	09	11	53	18.4%	36.964	N	3.938	W	5	G			0.8	8	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	09	12	35	01.6	28.296	N	140.037	E	450	G	4.3		0.8	28	BONIN ISLANDS REGION
	09	13	06	58.3&	63.528	N	150.979	W	7					40	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	13	39	27.1*	15.423	S	173.305	W	33	N	4.2		0.9	19	TONGA ISLANDS
	09	13	53	59.2*	15.139	S	173.505	W	33	N	4.5		0.9	24	TONGA ISLANDS
	09	14	41	57.5*	55.711	S	124.943	W	10	G	4.1		1.2	27	SOUTHERN EAST PACIFIC RISE
	09	15	49	53.4%	42.980	N	17.991	E	5	G			0.7	10	ADRIATIC SEA. ML 2.0 (TTG).
	09	17	46	15.3	36.325	N	70.319	E	250	G	4.4		0.9	18	HINDU KUSH REGION, AFGHANISTAN
	09	18	00	47.8*	20.875	N	122.032	E	33	N	4.0		1.0	12	PHILIPPINE ISLANDS REGION
	09	18	26	59.6%	40.798	N	22.928	E	5	G			0.3	8	GREECE. ML 2.0 (THE).
	09	18	40	09.3	45.484	N	137.274	E	362	*	4.2		0.5	19	NEAR SOUTHEAST COAST OF RUSSIA
	09	19	01	18.5	46.190	N	5.839	E	10	G			0.8	34	FRANCE. ML 2.9 (LDG).
	09	19	22	31.1	3.358	S	139.578	E	25	G	4.7		0.7	20	IRIAN JAYA, INDONESIA
	09	19	50	00.3*	43.156	N	9.493	E	10	G	4.0	4.1	1.0	10	CORSICA
	09	20	19	54.0&	61.715	N	151.815	W	97					73	SOUTHERN ALASKA. <AEIC>.
	09	20	38	39.6*	55.541	S	124.948	W	10	G	4.3	5.2	1.3	47	SOUTHERN EAST PACIFIC RISE
	09	21	49	43.8&	60.061	N	152.878	W	109					54	SOUTHERN ALASKA. <AEIC>.
	09	22	31	11.2*	2.752	N	126.427	E	33	N	4.1		0.5	12	NORTHERN MOLUCCA SEA
	09	22	59	01.3&	61.126	N	152.181	W	121		2.8			53	SOUTHERN ALASKA. <AEIC>.
	09	23	01	08.4&	34.040	N	116.322	W	8					46	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS). Felt in the Yucca Valley area.
	09	23	07	29.7&	61.407	N	149.809	W	39					70	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PMR). Felt (II) at Anchorage, Eagle River and Palmer. Also felt at Wasilla.
	09	23	22	45.9&	60.439	N	152.374	W	82		2.9			52	SOUTHERN ALASKA. <AEIC>.
	09	23	24	41.3	41.846	N	142.020	E	70	G	4.4		0.9	55	HOKKAIDO, JAPAN REGION
	10	00	37	03.7?	5.17	S	117.12	E	100	G	4.4		0.2	7	JAVA SEA
	10	00	37	24.7*	15.076	S	173.668	W	33	N	4.5	4.7	1.0	17	TONGA ISLANDS
	10	00	54	54.4*	43.242	N	127.041	W	10	G			0.5	42	OFF COAST OF OREGON
	10	01	16	30.0*	31.634	N	131.630	E	30	D	4.7	4.7	1.0	83	KYUSHU, JAPAN. Felt (III JMA) at Abaratsu.
	10	01	47	08.9&	63.215	N	150.506	W	125					51	CENTRAL ALASKA. <AEIC>.
	10	02	23	17.4%	42.717	N	19.412	E	10	G			0.3	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	10	02	31	12.2	43.713	N	6.783	E	10	*			1.3	11	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 1.5 (STR).
	10	02	43	34.9%	44.885	N	6.674	E	10	G			0.3	5	FRANCE
a	10	03	11	13.4	30.376	N	130.846	E	22	D	5.1	4.9	1.1	143	KYUSHU, JAPAN. Mw 5.1 (HRV). Felt (III JMA) at Abaratsu.
	10	03	36	53.1	51.658	N	16.133	E	10	G			0.6	17	POLAND. ML 3.7 (GRF), 3.6 (VIE).
	10	04	08	40.3	39.602	N	20.288	E	24				0.9	27	GREECE-ALBANIA BORDER REGION. ML 3.4 (THE), 3.2 (TTG).
	10	04	57	06.2*	17.909	S	168.002	E	10	G	4.3		1.2	52	VANUATU ISLANDS
	10	05	02	34.9&	33.191	N	115.613	W	5					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	10	05	18	01.8%	40.702	N	22.750	E	10	G			0.5	8	GREECE. ML 1.6 (THE).
	10	06	32	43.7?	31.03	N	138.92	E	300	G	4.4		0.6	11	SOUTH OF HONSHU, JAPAN
	10	06	50	15.6*	19.266	S	173.740	W	150	G	4.1		0.7	13	TONGA ISLANDS
	10	08	18	08.3&	60.718	N	147.825	W	12		2.6			52	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	10	09	34	29.4*	24.468	N	94.579	E	33	N	4.3		1.2	24	MYANMAR-INDIA BORDER REGION
	10	09	51	11.2	21.660	N	121.004	E	25	G	4.5	4.1	1.0	52	TAIWAN REGION
	10	10	09	00.1%	39.243	N	22.977	E	10	G			0.6	11	GREECE. ML 2.8 (THE).
	10	10	59	38.7	9.820	S	154.228	E	22	D	4.8	4.6	0.9	66	D'ENTRECASTEAUX ISLANDS REGION
	10	11	24	05.1	42.319	N	18.957	E	10	G			0.1	6	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	10	11	36	22.2?	41.58	N	22.30	E	5	G			0.2	5	NORTHWESTERN BALKAN REGION
	10	11	54	16.8*	13.961	N	91.082	W	20	G	4.1		1.0	21	NEAR COAST OF GUATEMALA
	10	12	05	11.0*	43.481	N	147.551	E	33	N	4.3		1.0	21	KURIL ISLANDS
	10	12	52	00.0*	27.055	S	176.557	W	33	N	4.2		1.2	26	KERMADEC ISLANDS REGION
	10	12	53	18.4	27.212	S	176.500	W	34	D	5.2	5.1	1.1	78	KERMADEC ISLANDS REGION. Ms 5.0 (BRK).
	10	13	44	00.4&	59.789	N	151.990	W	59		4.5			100	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.0 (AEIC), 4.0 (PMR).
	10	14	01	32.6&	34.412	N	116.470	W	4					41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS).
	10	14	44	53.7	41.948	N	126.255	W	10	G			0.4	40	OFF COAST OF NORTHERN CALIFORNIA
	10	16	15	29.6?	5.49	S	134.74	E	33	N	3.9		0.5	7	ARU ISLANDS REGION, INDONESIA
	10	16	29	20.0?	2.44	S	139.16	E	20	?	3.6		0.7	9	NEAR NORTH COAST OF IRIAN JAYA
	10	17	33	02.7	5.277	N	94.395	E	60	G	4.2		0.8	18	NORTHERN SUMATERA, INDONESIA
	10	18	43	43.5%	34.157	S	70.701	W	100	G			0.1	10	CHILE-ARGENTINA BORDER REGION
	10	19	25	47.0	35.556	N	69.492	E	102	D	4.6		1.2	83	HINDU KUSH REGION, AFGHANISTAN
	10	21	01	46.2*	17.891	S	178.499	W	570	G	4.3		1.2	77	FIJI ISLANDS REGION
	10	22	01	51.1?	10.82	N	62.17	W	60	G			0.1	5	NEAR COAST OF VENEZUELA. MD 2.9 (TRN).
	10	22	14	02.3?	3.10	S	133.92	E	33	N	4.9		1.4	11	IRIAN JAYA REGION, INDONESIA
	10	22	16	10.9*	43.245	N	146.735	E	45	G	4.0		0.9	15	KURIL ISLANDS
	10	23	04	21.7*	27.229	S	176.675	W	70	G	4.5		1.0	32	KERMADEC ISLANDS REGION
	11	00	23	47.0%	35.567	N	3.762	W	10	G			1.0	6	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	11	01	04	25.6%	44.377	N	7.271	E	10	G			0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
	11	01	42	31.5?	18.77	N	95.28	W	33	N			1.5	6	VERACRUZ, MEXICO
	11	02	01	02.8&	66.222	N	135.269	W	10	G				11	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.7 (PGC).
	11	03	56	53.2?	16.00	N	94.23	W	33	N			0.9	4	NEAR COAST OF OAXACA, MEXICO
	11	05	13	46.0	43.754	N	140.272	E	265	*	4.2		0.7	25	HOKKAIDO, JAPAN REGION
	11	05	35	51.1*	50.145	S	119.921	E	10	G	4.6		1.3	23	SOUTH OF AUSTRALIA
	11	06	03	38.5&	66.535	N	146.659	W	41					11	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	06	23	28.2&	58.945	N	154.421	W	119		2.9			42	ALASKA PENINSULA. <AEIC>.
	11	06	26	26.2?	33.79	S	72.09	W	10	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	11	06	39	59.8*	50.110	S	120.184	E	10	G	4.2		1.2	12	SOUTH OF AUSTRALIA
	11	06	42	19.3	38.416	N	2.895	W	10	G			0.9	19	SPAIN. mbLg 3.5 (MDD). Felt (III) in the Puente de Genave area.
	11	07	28	07.2&	37.541	N	118.849	W	10					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.9 (GS).
	11	07	28	49.1%	42.802	N	18.745	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	11	07	37	33.1	42.829	N	18.750	E	15				0.9	36	NORTHWESTERN BALKAN REGION. MD 3.7 (TTG). ML 3.5 (THE). Felt (V) at Niksic; (IV) at Danilovgrad and Podgorica.
	11	08	14	49.1*	31.950	S	71.875	W	10	G			0.7	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	11	08	45	49.4%	44.858	N	6.449	E	5	G			0.5	7	FRANCE. ML 2.0 (GEN).

	11	09	24	54.4?	27.36	N	140.77	E	400	G	4.0	1.4	8 BONIN ISLANDS REGION
	11	09	31	55.4&	63.673	N	152.666	W	2				41 CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
	11	10	40	06.5*	28.039	S	176.749	W	81	?	4.6	1.3	42 KERMADEC ISLANDS REGION
	11	10	59	43.6	4.222	S	135.178	E	33	N	4.6 4.6	1.5	33 IRIAN JAYA REGION, INDONESIA
	11	11	18	46.7&	59.197	N	152.163	W	64				41 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	11	21	19.4?	53.75	N	163.95	W	33	N	3.6	1.2	15 UNIMAK ISLAND REGION
	11	11	22	17.8?	54.22	N	164.17	W	33	N		1.2	12 UNIMAK ISLAND REGION
	11	12	06	50.3	37.578	N	13.846	E	33	N	4.2	1.4	41 SICILY. ML 3.6 (ROM).
	11	12	20	55.1	44.785	N	115.432	W	5	G		0.7	74 WESTERN IDAHO. ML 4.0 (GS), 4.2 (BUT). Felt (III) at Clayton.
	11	13	20	28.8*	35.889	N	8.300	W	10	G	3.7	1.4	61 WEST OF GIBRALTAR. mbLg 4.1 (MDD).
	11	13	32	37.2&	36.945	N	121.444	W	4				27 CENTRAL CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.6 (GS), 3.4 (BRK). Felt (III) at Gilroy.
	11	13	46	13.4*	19.047	S	169.498	E	281	*	4.4	1.2	45 VANUATU ISLANDS
	11	14	00	08.6?	17.60	S	176.46	W	309	?		1.4	17 FIJI ISLANDS REGION
	11	14	01	37.4&	41.236	N	21.965	E	5	G		0.7	5 NORTHWESTERN BALKAN REGION
	11	14	52	18.2&	50.470	N	130.237	W	10	G	3.5		46 VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	11	14	55	26.1&	33.804	S	70.782	W	80	G		0.2	10 CHILE-ARGENTINA BORDER REGION
	11	14	59	19.9	42.961	N	1.720	W	13			1.1	21 PYRENEES. ML 3.3 (LDG). mbLg 3.0 (MDD). Felt (III) in the Pamplona area, Spain. Also felt at Santesteban, Spain.
	11	15	02	47.5*	18.507	S	177.998	W	636	*	4.5	0.9	47 FIJI ISLANDS REGION
	11	15	05	17.9*	8.335	S	74.268	W	126	?	4.3	1.0	33 PERU-BRAZIL BORDER REGION
	11	15	52	15.4	36.727	N	71.312	E	229	?	4.3	0.7	21 AFGHANISTAN-TAJIKISTAN BORD REG.
	11	15	56	23.1&	33.906	N	116.291	W	9				33 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS). Felt.
	11	16	02	40.6	42.919	N	1.601	W	10	G		1.0	9 PYRENEES. mbLg 2.8 (MDD). ML 2.7 (LDG). Felt (II) in the Pamplona area, Spain.
	11	16	34	12.1?	34.96	S	70.99	W	100	G		0.2	10 CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	11	16	40	49.9&	37.007	N	3.871	W	5	G		0.7	10 SPAIN. mbLg 2.8 (MDD).
	11	17	20	21.1?	37.01	N	3.89	W	5	G		0.0	4 SPAIN. mbLg 2.2 (MDD).
	11	18	34	21.7	48.361	N	153.323	E	131		4.4	0.8	63 KURIL ISLANDS
	11	18	55	18.5&	33.699	S	71.276	W	52	?		0.3	9 NEAR COAST OF CENTRAL CHILE
	11	19	03	01.8&	32.642	S	71.614	W	10	G		0.4	9 NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	11	19	28	55.9?	51.38	N	16.07	E	10	G		0.7	5 POLAND. ML 2.3 (MOX).
	11	19	31	01.0&	31.911	N	116.091	W	11				31 BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.6 (ECX). Felt in the Ojos Negros area.
	11	19	55	32.7&	42.984	N	18.185	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	11	20	07	25.1?	79.15	N	38.65	E	10	G	3.9	1.0	10 FRANZ JOSEF LAND
	11	20	29	48.6	37.073	N	135.234	E	378		4.3	0.8	73 SEA OF JAPAN
	11	20	51	32.6&	33.164	S	70.269	W	5	G		0.3	8 CHILE-ARGENTINA BORDER REGION
	11	20	53	57.4&	36.945	N	121.442	W	3				32 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.7 (GS).
	11	21	17	32.7*	44.387	N	146.669	E	33	N	3.8	0.9	10 KURIL ISLANDS
a	11	21	33	06.6*	28.299	S	176.684	W	31	D	5.2 5.3	1.1	87 KERMADEC ISLANDS REGION. Mw 5.3 (HRV). Ms 5.3 (BRK).
	11	22	30	55.5*	46.418	N	15.178	E	10	G		1.7	5 NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
	11	22	32	02.5?	58.09	S	149.78	E	10	G	4.0	1.6	12 WEST OF MACQUARIE ISLAND
	11	22	59	27.6?	17.62	S	178.97	W	550	G	4.0	1.4	14 FIJI ISLANDS REGION
	12	00	29	17.5?	6.28	S	147.75	E	60	*	4.0	1.4	7 EASTERN NEW GUINEA REG., P.N.G.
	12	01	58	19.4?	13.80	S	73.08	W	33	N		0.5	6 CENTRAL PERU
	12	02	39	12.9	40.232	N	143.299	E	33	N	4.7 4.2	0.9	63 OFF EAST COAST OF HONSHU, JAPAN
	12	02	45	11.4	42.634	N	18.354	E	10	G		0.7	17 NORTHWESTERN BALKAN REGION. MD 3.0 (TTG). Felt at Dubrovnik.
	12	03	52	21.0?	35.31	S	71.52	W	100	G		0.3	11 CENTRAL CHILE. MD 3.4 (SAN).
	12	04	13	50.3	55.712	N	158.444	W	50	G	3.6	0.8	24 ALASKA PENINSULA
	12	05	04	28.4&	33.311	S	71.902	W	21			0.3	11 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	12	05	13	20.7	43.170	N	0.301	W	5	G		0.8	9 PYRENEES. ML 2.6 (LDG).
	12	05	13	43.6?	27.10	S	178.79	W	423	?	4.2	1.2	22 KERMADEC ISLANDS REGION
	12	05	21	14.5*	33.302	S	71.949	W	20	G		0.4	11 NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	12	05	23	04.8	36.400	N	140.551	E	56	D	4.9	0.9	130 NEAR EAST COAST OF HONSHU, JAPAN
	12	06	20	55.4	37.745	N	72.090	E	33	N	4.3	1.1	26 TAJIKISTAN
	12	06	46	31.9	37.014	N	3.687	W	5	G		0.8	13 SPAIN. mbLg 3.3 (MDD). Felt (III) in the Albunuelas area.
	12	06	54	30.1&	40.492	N	21.917	E	5	G		0.7	6 GREECE. ML 1.9 (THE).
	12	08	04	43.9	1.887	N	127.029	E	119		4.4	0.7	34 HALMAHERA, INDONESIA
	12	08	54	01.9&	40.513	N	21.797	E	5	G		0.7	6 GREECE. ML 1.8 (THE).
	12	10	01	31.2*	32.858	S	71.457	W	10	G		1.0	13 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	12	10	14	56.4*	9.628	S	106.442	E	33	N	4.9	1.0	22 SOUTH OF JAWA, INDONESIA
	12	10	20	49.2?	34.35	S	70.95	W	90	G		0.3	6 CHILE-ARGENTINA BORDER REGION
	12	10	43	35.5&	33.300	S	71.935	W	20	G		0.3	11 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	12	11	07	44.5	53.748	N	163.640	W	33	N	4.2 3.7	0.9	33 UNIMAK ISLAND REGION. ML 4.1 (PMR).
	12	11	48	40.1?	34.60	S	71.30	W	70	G		0.3	11 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	12	12	13	47.6*	25.747	N	124.823	E	168	*	4.3	0.7	20 NORTHEAST OF TAIWAN
	12	13	27	41.3?	15.11	S	173.07	W	33	N	4.7	1.4	15 TONGA ISLANDS
	12	14	01	41.5	42.576	N	19.817	E	5	G		0.2	9 NORTHWESTERN BALKAN REGION. MD 2.7 (TTG).
	12	14	21	38.1&	62.660	N	150.634	W	88				52 CENTRAL ALASKA. <AEIC>.
	12	14	40	08.0&	30.550	N	114.300	W	14				6 GULF OF CALIFORNIA. <ECX-P>. MD 3.8 (ECX).
	12	15	31	38.5&	39.482	N	22.756	E	5	G		0.2	5 GREECE. ML 1.9 (THE).
	12	15	38	25.9&	44.746	N	7.231	E	5	G		0.2	7 NORTHERN ITALY. ML 1.9 (GEN).
	12	15	38	56.8*	34.302	N	140.704	E	52	?	4.1	0.9	14 NEAR EAST COAST OF HONSHU, JAPAN
	12	16	44	57.4&	59.769	N	153.004	W	111		4.3		77 SOUTHERN ALASKA. <AEIC>.
	12	16	52	30.6*	5.866	N	79.129	W	33	N	4.4	1.5	19 SOUTH OF PANAMA. MD 4.4 (UPA).
a	12	18	22	33.0	2.752	N	78.351	W	47	D	5.2 4.6	0.9	207 NEAR WEST COAST OF COLOMBIA. Mw 5.1 (HRV). MD 4.9 (UPA).
	12	19	41	17.8*	5.814	S	145.879	E	33	N	3.8	1.2	6 EASTERN NEW GUINEA REG., P.N.G.
	12	20	27	05.2*	17.837	S	178.350	W	600	G	4.1	1.1	26 FIJI ISLANDS REGION
	12	20	29	05.8&	64.996	N	149.184	W	17				38 CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.6 (PMR).
	12	22	29	56.8*	13.706	S	166.807	E	33	N	4.1	1.4	24 VANUATU ISLANDS
	13	00	19	57.4?	32.38	S	69.93	W	130	G		0.3	10 MENDOZA PROVINCE, ARGENTINA. MD 2.7 (SAN).
	13	00	56	02.2*	52.590	N	158.159	E	150	D	4.3	1.0	24 NEAR EAST COAST OF KAMCHATKA
a	13	02	34	37.9	13.446	S	170.434	E	638	D	5.6	1.0	435 VANUATU ISLANDS REGION. Mw 6.2 (HRV). mb 5.6 (BRK).
	13	02	47	26.6?	13.13	S	170.29	E	602	?	4.5	1.4	62 VANUATU ISLANDS REGION
	13	02	59	13.4*	13.369	S	170.582	E	636		4.7	1.0	140 VANUATU ISLANDS REGION
	13	03	39	38.0?	21.31	S	170.32	E	164	D	4.1	1.3	15 LOYALTY ISLANDS REGION

	13	03 44 38.0&	60.873	N	147.082	W	3					51	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	13	03 50 09.7&	61.282	N	152.033	W	99		3.9			100	SOUTHERN ALASKA. <AEIC>.
	13	04 08 01.6	40.856	N	27.672	E	24	D	4.7		1.0	172	TURKEY. Felt (III) at Svilengrad, Bulgaria.
	13	04 14 41.7*	0.634	S	124.285	E	33	N	4.3		1.0	22	SOUTHERN MOLUCCA SEA
a	13	04 16 07.9	0.592	S	124.261	E	32	D	5.2	5.1	1.2	106	SOUTHERN MOLUCCA SEA. Mw 5.6 (HRV).
	13	04 30 06.3*	45.414	N	15.374	E	5	G			0.6	7	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU). ML 2.4 (VIE). Felt (IV) at Crnomelj and Gradac.
	13	04 41 28.0?	0.73	S	124.68	E	33	N	3.9		1.6	7	SOUTHERN MOLUCCA SEA
	13	04 49 17.8*	14.684	S	167.929	E	33	N	4.5		1.2	38	VANUATU ISLANDS
	13	05 14 47.7&	65.014	N	149.174	W	20					16	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	05 20 33.1*	0.690	S	124.252	E	33	N	4.1		1.3	11	SOUTHERN MOLUCCA SEA
	13	05 22 46.0%	43.030	N	18.826	E	5	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	13	05 25 10.4&	38.797	N	122.737	W	4					32	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK), 3.0 (GS).
a	13	05 27 24.9	22.252	S	170.540	E	16	G	5.2	5.8	1.4	171	LOYALTY ISLANDS REGION. Mw 5.9 (GS), 6.1 (HRV). Ms 5.8 (BRK). Depth from broadband displacement seismograms.
	13	06 56 37.5*	15.162	S	173.407	W	33	N	4.5	5.0	1.0	29	TONGA ISLANDS
	13	07 33 38.0*	4.715	N	94.311	E	33	N	4.4		0.6	8	OFF W COAST OF NORTHERN SUMATERA
	13	07 45 33.0*	0.581	S	124.250	E	33	N	4.3		1.3	14	SOUTHERN MOLUCCA SEA
	13	08 33 32.0*	3.690	N	95.745	E	33	N	4.3		1.1	22	OFF W COAST OF NORTHERN SUMATERA
	13	08 44 02.9&	58.796	N	158.159	W	60					23	BRISTOL BAY. <AEIC>. ML 3.1 (AEIC).
	13	08 59 58.0?	50.60	N	13.47	E	10	G			0.7	5	CZECH AND SLOVAK REPUBLICS. ML 3.8 (GRF).
	13	10 59 59.3%	16.956	N	61.659	W	33	N			0.4	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	13	11 10 59.1?	8.74	N	82.30	W	10	G			0.3	4	PANAMA-COSTA RICA BORDER REGION. MD 4.0 (UPA).
	13	11 20 39.4?	44.17	N	8.12	E	5	G			0.7	9	NORTHERN ITALY. ML 2.4 (LDG), 2.0 (STR).
	13	11 22 34.3?	36.45	N	7.62	W	10	G			0.8	7	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	13	11 41 36.1	17.947	S	178.536	W	595	*	4.7		1.1	68	FIJI ISLANDS REGION
	13	11 52 03.0&	63.836	N	148.579	W	107					48	CENTRAL ALASKA. <AEIC>.
	13	12 01 39.3?	28.89	S	71.05	W	33	N			0.8	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	13	12 20 55.9*	40.044	N	19.786	E	10	G	3.6		1.1	21	ALBANIA. ML 3.3 (TTG), 3.1 (THE).
	13	12 45 45.7*	22.548	S	170.200	E	33	N	4.1		1.2	21	LOYALTY ISLANDS REGION
	13	12 51 46.0?	34.49	S	70.40	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION
	13	13 26 02.0	35.441	N	119.696	W	5	G			0.7	17	CENTRAL CALIFORNIA. ML 3.1 (GS), 2.9 (PAS).
	13	13 39 02.3*	14.064	N	90.641	W	77	*	4.1		1.3	34	GUATEMALA. MD 4.2 (SSS). Felt (II) at San Salvador, El Salvador.
	13	13 48 42.9*	36.426	N	136.569	E	33	N	3.9	3.8	1.2	24	NEAR WEST COAST OF HONSHU, JAPAN. Felt (III JMA) at Kaga.
	13	14 58 22.4*	34.012	S	70.048	W	10	G			0.3	9	CHILE-ARGENTINA BORDER REGION
a	13	15 00 28.2	5.455	N	79.876	W	10	G	5.0	4.4	1.2	146	SOUTH OF PANAMA. Mw 5.4 (HRV). ML 5.2 (UPA).
	13	15 27 13.3*	24.166	N	122.535	E	33	N	4.2		1.1	12	TAIWAN REGION
	13	16 51 20.9	48.939	N	154.727	E	67	*	4.5		0.9	69	KURIL ISLANDS
	13	17 20 34.2*	30.844	S	178.005	W	33	N	4.7		1.4	21	KERMADEC ISLANDS, NEW ZEALAND
	13	17 41 40.9	9.676	S	105.870	E	23	D	4.7		1.1	47	SOUTH OF JAWA, INDONESIA
	13	17 57 13.3*	20.518	S	174.466	W	33	N	4.3		1.4	21	TONGA ISLANDS
	13	18 02 58.6%	42.266	N	18.854	E	5	G			0.3	7	NORTHWESTERN BALKAN REGION. MD 2.1 (TTG).
	13	18 14 29.5%	40.422	N	22.695	E	5	G			0.3	10	GREECE. ML 1.8 (THE).
	13	18 39 05.8*	33.188	S	68.267	W	212	?			0.6	14	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	13	18 50 40.6	50.402	N	18.956	E	10	G			1.0	11	POLAND
a	13	19 02 28.3	0.672	S	124.228	E	33	N	5.0	4.3	1.3	80	SOUTHERN MOLUCCA SEA. Mw 5.2 (HRV).
	13	19 31 26.3	51.638	N	16.175	E	10	G			0.8	13	POLAND. ML 3.3 (GRF), 3.2 (VIE), 2.8 (CLL).
	13	19 55 10.2%	38.966	N	23.408	E	10	G			0.1	5	GREECE. ML 2.2 (THE).
	13	19 55 52.9?	38.95	N	23.37	E	10	G			0.3	5	GREECE. ML 2.2 (THE).
	13	19 56 40.3?	38.98	N	23.41	E	10	G			1.5	5	GREECE. ML 2.1 (THE).
	13	20 23 18.4	37.467	N	36.197	E	24	D	4.6		1.0	133	TURKEY. ML 4.9 (JER).
	13	20 42 04.2%	33.140	S	70.264	W	5	G			0.4	7	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	13	21 55 14.7	0.562	N	95.230	E	43	D	4.2		0.9	40	OFF W COAST OF NORTHERN SUMATERA
	13	22 24 11.9*	46.336	N	12.676	E	10	G			0.9	9	NORTHERN ITALY. ML 2.2 (VIE).
	13	22 36 05.0?	39.56	N	20.08	E	5	G			1.6	11	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE).
	13	23 17 26.8?	7.76	S	106.21	E	203	?	3.9		1.0	10	JAWA, INDONESIA
	13	23 32 09.0&	40.310	N	124.616	W	11					11	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	13	23 41 48.8?	41.87	N	19.72	E	10	G			0.6	9	ALBANIA. ML 2.0 (TTG).
	13	23 43 23.0	41.857	N	19.631	E	10	G			0.8	27	ALBANIA. MD 3.2 (TTG). ML 2.9 (THE).
a	13	23 43 54.0	43.823	N	147.269	E	56	D	5.3		0.8	292	KURIL ISLANDS. Mw 5.3 (HRV). Felt (IV) on Kunashir.
	13	23 49 30.5	43.149	N	1.869	W	10	G			1.4	16	PYRENEES. ML 2.9 (LDG). mbLg 2.8 (MDD). Felt (II) in the Pamplona area, Spain. Also felt at Santesteban, Spain.
	13	23 52 11.3%	41.896	N	19.675	E	10	G			0.6	9	ALBANIA. ML 1.9 (TTG).
a	14	00 32 56.1	30.285	N	103.347	W	18	G	5.6	5.7	1.0	397	WESTERN TEXAS. Mw 5.7 (GS), 5.7 (HRV). Two people slightly injured in Brewster County. Slight damage (VI) at Alpine and Fort Davis. Also slight damage in the Marathon and Ozona areas. Felt (V) at Balmorhea, Barstow, Coyanosa, Fort Stockton, Imperial, Kermit, Marfa, Pecos, Presidio, Sanderson, Sheffield, Toyah, Wickett and Wink; (IV) at Big Spring, Cameron, Crane, Midland, Odessa, Pyote and Valentine. Also felt (V) at Jal and Malaga; (IV) at Artesia, Dexter and White City, New Mexico. Felt in much of western and central Texas as far east as San Antonio and the Dallas-Fort Worth area. Felt west as far as Sierra Blanca, Texas and north to Roswell, New Mexico. Depth from broadband displacement seismograms.
	14	00 42 24.5*	32.194	S	71.560	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	14	01 11 48.4&	30.300	N	103.350	W	10	G				2	WESTERN TEXAS. <SPEC>. mbLg 2.7 (GS). Held to mainshock location.
	14	01 33 41.2%	40.832	N	24.132	E	5	G			0.4	9	AEGEAN SEA. ML 2.2 (THE).
	14	01 37 45.5?	37.17	N	3.75	W	10	G			0.3	4	SPAIN. mbLg 1.6 (MDD).
	14	02 14 26.0&	30.300	N	103.350	W	10	G				3	WESTERN TEXAS. <SPEC>. mbLg 2.8 (GS). Held to mainshock location.
	14	02 19 38.5&	30.300	N	103.350	W	10	G				8	WESTERN TEXAS. <SPEC>. mbLg 3.3 (GS). Felt. Held to mainshock location.
	14	02 21 01.5%	42.859	N	19.220	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	14	03 48 42.0&	30.300	N	103.350	W	10	G				3	WESTERN TEXAS. <SPEC>. mbLg 2.6 (GS). Felt. Held to mainshock location.

	14	04	11	16.0&	30.300	N	103.350	W	10	G			1	WESTERN TEXAS. <SPEC>. mbLg 2.4 (GS). Felt. Held to mainshock location.
a	14	04	31	47.2	15.251	S	70.448	W	203	D	5.2	1.2	151	SOUTHERN PERU. Mw 5.3 (HRV). mb 5.4 (BRK). Felt (II) at Arequipa.
	14	05	26	29.0*	37.838	N	23.376	E	5	G		1.2	14	SOUTHERN GREECE. MD 2.8 (ATH). ML 2.7 (THE).
	14	05	32	55.0*	12.025	N	143.546	E	65	*	4.1	0.9	16	SOUTH OF MARIANA ISLANDS
	14	05	53	39.0&	30.300	N	103.350	W	10	G			3	WESTERN TEXAS. <SPEC>. mbLg 2.7 (GS). Held to mainshock location.
	14	06	01	08.5	16.652	N	98.932	W	33	N	4.5 4.0	1.1	63	NEAR COAST OF GUERRERO, MEXICO. Felt at Chilpancingo and Iguala. Also felt lightly at Mexico City.
	14	06	59	52.7&	60.067	N	152.681	W	105		4.1		108	SOUTHERN ALASKA. <AEIC>.
	14	07	35	00.6*	31.233	S	70.363	W	130	G		0.6	13	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	14	07	36	12.3	30.049	N	88.070	E	33	N	4.2	0.7	17	XIZANG
	14	07	39	36.5&	30.300	N	103.350	W	10	G			1	WESTERN TEXAS. <SPEC>. mbLg 2.4 (GS). Felt. Held to mainshock location.
	14	08	27	12.5&	30.300	N	103.350	W	10	G			2	WESTERN TEXAS. <SPEC>. mbLg 2.8 (GS). Felt. Held to mainshock location.
	14	08	57	57.3*	0.133	S	16.449	W	10	G	4.6 4.4	1.6	41	NORTH OF ASCENSION ISLAND
	14	09	22	38.3%	40.428	N	23.341	E	5	G		0.8	8	GREECE. ML 1.5 (THE).
	14	10	02	58.0&	30.300	N	103.350	W	10	G			4	WESTERN TEXAS. <SPEC>. mbLg 2.9 (GS). Felt. Held to mainshock location.
	14	10	35	05.5*	53.234	S	72.633	E	10	G	4.2	0.8	17	KERGUELEN ISLANDS REGION
	14	10	53	28.9*	12.931	N	89.541	W	69		4.4	0.6	22	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	14	10	57	20.4&	30.300	N	103.350	W	10	G			1	WESTERN TEXAS. <SPEC>. mbLg 2.3 (GS). Felt. Held to mainshock location.
	14	10	57	42.8*	32.507	S	71.638	W	10	G		0.8	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	14	11	03	53.5	40.184	N	25.227	E	33	N		1.1	19	AEGEAN SEA. ML 3.2 (THE).
	14	11	14	23.6&	63.025	N	150.922	W	124				45	CENTRAL ALASKA. <AEIC>.
	14	11	18	43.1?	39.56	N	20.19	E	5	G		0.9	8	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
	14	11	24	01.7*	30.830	S	69.037	W	200	G		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	14	11	31	38.3?	39.54	N	20.08	E	5	G		0.9	9	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE).
	14	12	31	18.1*	5.093	S	134.043	E	33	N	4.4	1.3	20	ARU ISLANDS REGION, INDONESIA
	14	12	35	15.2%	44.399	N	7.370	E	10	G		0.5	10	NORTHERN ITALY. ML 2.0 (GEN).
	14	12	53	29.5	41.189	N	21.975	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.4 (SKO).
	14	13	03	07.4?	14.52	S	167.38	E	127	?	4.3	1.1	10	VANUATU ISLANDS
a	14	13	15	17.3	60.774	S	20.074	W	11	G	5.5 5.8	1.2	110	SOUTHWESTERN ATLANTIC OCEAN. Mw 6.5 (GS), 6.3 (HRV). Mo=5.7*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	14	14	08	24.6%	40.601	N	24.547	E	10	G		0.4	7	AEGEAN SEA. ML 2.4 (THE).
	14	14	12	59.8	1.837	S	77.507	W	165	D	5.5	0.9	367	ECUADOR. mb 5.4 (BRK).
	14	14	35	45.1	5.584	S	133.998	E	33	N	4.4	1.2	34	ARU ISLANDS REGION, INDONESIA
	14	15	11	37.1*	53.159	S	72.651	E	10	G	4.8	1.4	25	KERGUELEN ISLANDS REGION
	14	16	13	37.8	44.584	N	7.228	E	11			0.8	19	NORTHERN ITALY. ML 3.0 (LDG), 2.7 (GEN).
	14	16	50	52.3*	53.178	S	72.881	E	10	G	3.9	0.4	15	KERGUELEN ISLANDS REGION
	14	17	59	05.2	41.574	N	19.609	E	10	G		0.8	13	ALBANIA. MD 3.1 (TTG).
	14	18	08	15.3&	59.531	N	152.696	W	77				62	SOUTHERN ALASKA. <AEIC>.
	14	18	28	26.0&	34.228	N	116.763	W	7				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	14	19	22	28.2*	36.295	N	71.697	E	114	D	4.4	0.8	31	AFGHANISTAN-TAJIKISTAN BORD REG.
	14	19	36	57.6?	32.43	S	72.15	W	10	G		0.9	11	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	14	19	53	34.5	29.613	N	115.616	E	10	G	4.0	1.1	21	SOUTHEASTERN CHINA. ML 4.3 (BJI).
	14	20	11	50.1*	1.380	N	127.682	E	162	*	4.0	0.4	10	HALMAHERA, INDONESIA
	14	20	15	12.9	71.508	N	2.985	W	10	G	4.4	1.4	50	JAN MAYEN ISLAND REGION
	14	20	47	55.6*	41.010	N	143.241	E	33	N	4.4	0.8	18	HOKKAIDO, JAPAN REGION
	14	21	22	41.6*	53.165	S	72.663	E	10	G	4.0	1.0	22	KERGUELEN ISLANDS REGION
	14	23	04	11.0%	44.554	N	7.247	E	10	G		0.7	12	NORTHERN ITALY. ML 2.0 (GEN).
	14	23	06	54.1	6.546	S	142.646	E	33	N	4.0	1.0	19	NEW GUINEA, PAPUA NEW GUINEA
a	14	23	07	57.1*	37.073	S	178.490	E	33	N	5.4	1.7	85	OFF E. COAST OF N. ISLAND, N.Z. Mw 5.1 (HRV).
	14	23	57	29.7*	18.195	S	69.482	W	137	*	4.0	1.0	17	NORTHERN CHILE
	15	00	07	28.2?	18.08	N	61.28	W	33	N	4.1	0.4	5	LEEWARD ISLANDS. MD 3.7 (TRN).
	15	00	17	31.3?	53.18	S	72.51	E	10	G	4.0	0.7	7	KERGUELEN ISLANDS REGION
	15	00	29	30.6%	40.505	N	23.568	E	10	G		0.5	5	GREECE. ML 1.9 (THE).
	15	00	38	36.1*	53.199	S	72.805	E	10	G	4.1	0.5	9	KERGUELEN ISLANDS REGION
	15	01	14	10.6*	37.888	N	139.265	E	33	N	4.1	1.0	19	EASTERN HONSHU, JAPAN. Felt (III JMA) in the epicentral area and (II JMA) at Niigata.
	15	01	26	04.4	40.904	N	122.471	E	29		4.5	1.2	52	NORTHEASTERN CHINA. ML 4.8 (BJI).
	15	02	09	21.1&	34.335	N	116.466	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt in the Yucca Valley area.
	15	02	33	23.9	2.942	S	130.028	E	32	*	4.1	0.9	14	SERAM, INDONESIA
	15	03	18	05.0&	30.300	N	103.350	W	10	G			1	WESTERN TEXAS. <SPEC>. mbLg 2.4 (GS). Felt. Held to mainshock location.
	15	03	23	26.5*	53.088	S	72.515	E	10	G	4.2	1.0	19	KERGUELEN ISLANDS REGION
	15	03	43	48.7%	38.342	N	2.807	W	5	G		0.8	9	SPAIN. mbLg 2.7 (MDD).
	15	03	49	33.9*	40.709	N	22.755	E	8			0.4	13	GREECE. ML 3.0 (SKO), 2.8 (THE).
	15	04	34	02.2	21.537	N	143.150	E	296	?	4.2	0.8	34	MARIANA ISLANDS REGION
	15	05	09	02.0*	14.049	S	72.932	W	89	?	4.1	1.2	23	CENTRAL PERU
a	15	05	36	32.5	43.946	N	147.282	E	48	D	5.4 4.7	0.8	313	KURIL ISLANDS. Mw 5.3 (HRV). Felt (V) on Shikotan, (IV) at Yuzhno-Kurilsk, Kunashir and (II) at Kurilsk, Iturup.
	15	05	41	00.0%	40.727	N	22.753	E	10	G		0.4	8	GREECE. ML 1.8 (THE).
	15	05	49	01.1%	47.160	N	0.423	W	10	G		0.6	7	FRANCE. ML 2.5 (LDG).
	15	06	04	37.4	5.568	S	147.757	E	33	N	4.4	1.1	22	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	15	06	17	51.8?	16.11	N	95.82	W	33	N		0.8	8	OAXACA, MEXICO
	15	06	54	05.8%	33.826	S	70.930	W	70	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	15	06	58	24.8?	34.97	S	71.11	W	100	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 2.3 (SAN).
	15	07	14	42.0?	37.03	N	29.23	E	10	G		0.2	4	TURKEY. MD 3.2 (ISK).
	15	08	14	18.6?	39.16	N	27.57	E	10	G		1.2	4	TURKEY. MD 2.7 (ISK).
	15	08	21	25.6&	63.570	N	151.027	W	10				42	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	15	08	53	53.2?	39.51	N	29.39	E	10	G		0.7	4	TURKEY. MD 2.6 (ISK).
	15	09	12	21.7%	39.656	N	29.439	E	10	G		0.8	7	TURKEY. MD 2.7 (ISK).
	15	09	29	21.8	44.474	N	10.712	E	10	G		1.1	20	NORTHERN ITALY. MD 3.0 (LJU). ML 2.9 (LDG).
a	15	09	49	31.2	5.306	S	151.471	E	115	D	5.1	0.8	129	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV).
	15	10	19	43.9%	39.642	N	29.314	E	10	G		0.3	5	TURKEY. MD 2.7 (ISK).

	15	10	36	31.4&	61.796	N	151.450	W	78				53	SOUTHERN ALASKA. <AEIC>.
	15	10	51	15.6	44.509	N	7.303	E	10	G		0.5	17	NORTHERN ITALY. ML 2.5 (GEN), 2.1 (LDG).
	15	11	10	40.0%	33.511	S	71.943	W	20	*		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	15	11	11	22.4?	37.42	N	29.93	E	10	G		0.4	4	TURKEY. MD 2.9 (ISK).
	15	11	41	55.7*	16.522	N	98.948	W	25	D	4.2	1.4	34	NEAR COAST OF GUERRERO, MEXICO
	15	11	42	25.8	40.554	N	23.648	E	5	G		0.4	13	GREECE. ML 2.6 (THE).
	15	11	43	06.5&	36.674	N	121.293	W	4				44	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	15	11	50	16.7	51.659	N	16.086	E	10	G		1.0	19	POLAND. ML 3.7 (GRF), 3.6 (VIE), 3.3 (FUR), 3.1 (CLL), 3.0 (MOX).
	15	12	08	38.3	45.947	N	15.123	E	5	G		1.0	24	NORTHWESTERN BALKAN REGION. MD 3.5 (LJU), 3.0 (TRI). Felt (IV) at Mokronog and Trebelno.
	15	12	58	41.3%	33.858	S	70.716	W	80	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	15	13	13	42.0*	11.944	N	125.899	E	33	N	4.5	1.1	25	SAMAR, PHILIPPINE ISLANDS
	15	13	33	18.0	52.645	N	172.375	E	33	N	4.3	0.7	35	NEAR ISLANDS, ALEUTIAN ISLANDS
	15	14	33	29.5	30.271	N	103.324	W	10	G		1.2	13	WESTERN TEXAS. mbLg 4.0 (GS). Slight damage (VI) at Alpine. Felt (V) at Big Bend National Park, Imperial, Monahans, Rankin and Toyah; (IV) at Iraan; (III) at Coyanosa; (II) at Pecos. Also felt at Fort Davis.
	15	15	00	16.1*	51.222	N	15.817	E	10	G		0.2	5	POLAND. ML 2.2 (MOX).
	15	15	14	11.6*	41.688	N	141.618	E	108	?	4.2	1.0	24	HOKKAIDO, JAPAN REGION
	15	15	52	07.3?	44.49	N	7.33	E	10	G		0.8	4	NORTHERN ITALY. ML 1.1 (GEN).
	15	16	18	18.4&	63.442	N	151.150	W	3				43	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
	15	17	32	58.8?	49.76	N	157.29	E	33	N	4.1	1.6	9	EAST OF KURIL ISLANDS
	15	17	44	12.7*	15.799	N	61.626	W	120	G		0.4	12	LEEWARD ISLANDS
	15	18	11	23.4?	36.78	N	3.00	W	10	G		0.0	4	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	15	18	22	06.2?	40.51	N	23.57	E	10	G		0.4	4	GREECE. ML 1.6 (THE).
	15	18	38	30.6	11.891	N	125.690	E	33	N	4.3	0.6	20	SAMAR, PHILIPPINE ISLANDS
	15	18	44	18.9	41.050	N	24.069	E	10	G		0.2	8	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).
	15	20	18	04.6	13.886	N	90.618	W	86		4.4	1.2	67	NEAR COAST OF GUATEMALA. MD 4.2 (SSS). Felt (II) at San Salvador, El Salvador.
	15	20	52	13.2%	44.485	N	7.311	E	10	G		0.3	5	NORTHERN ITALY. ML 2.0 (GEN).
	15	20	57	12.9*	25.047	N	123.521	E	150	*	4.0	0.7	17	NORTHEAST OF TAIWAN
	15	21	07	41.9	20.477	N	109.422	E	33	N	4.3	1.4	26	SOUTHEASTERN CHINA
	15	22	00	46.3&	34.324	N	118.532	W	5				60	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS). Felt in the San Fernando Valley.
	15	22	10	44.5?	40.84	N	28.47	E	10	G		0.7	4	TURKEY. MD 2.7 (ISK).
	15	22	20	41.8%	39.126	N	29.408	E	10	G		0.7	10	TURKEY. MD 3.1 (ISK).
	15	22	22	37.7*	51.679	N	175.130	W	33	N	4.0	0.7	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	15	22	31	01.8	4.679	N	125.768	E	173	*	4.7	0.9	44	TALAUD ISLANDS, INDONESIA
	15	23	11	19.2	54.890	N	155.519	E	443	?	4.3	0.7	55	KAMCHATKA
	15	23	20	01.2*	53.149	S	72.747	E	10	G	4.1	0.6	15	KERGUELEN ISLANDS REGION
	16	00	09	21.1%	11.193	N	61.186	W	10	G		0.5	6	WINDWARD ISLANDS. MD 3.2 (TRN).
	16	00	35	58.7%	38.543	N	1.738	W	5	G		1.1	14	SPAIN. mbLg 3.1 (MDD).
	16	00	40	43.3&	30.300	N	103.350	W	10	G			2	WESTERN TEXAS. <SPEC>. mbLg 2.3 (GS). Held to mainshock location.
	16	01	16	28.1&	49.221	N	129.560	W	10	G	3.1		14	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.8 (PGC).
	16	01	35	06.6*	51.635	N	16.215	E	10	G		1.3	9	POLAND. ML 2.5 (MOX).
	16	03	03	12.6?	33.98	S	72.00	W	10	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	16	03	07	48.4*	18.478	S	176.212	W	33	N	4.6	1.4	28	FIJI ISLANDS REGION
	16	03	25	41.7	45.699	N	15.385	E	10	G		1.1	11	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU), 2.7 (TRI). ML 2.5 (VIE). Felt at Metlika. Also felt in the Trdinov Vrh Mountain area.
	16	03	34	40.6&	60.070	N	152.088	W	71				45	SOUTHERN ALASKA. <AEIC>.
	16	03	45	43.0*	32.879	S	71.605	W	10	G		0.8	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	16	05	01	00.3&	61.503	N	149.932	W	39				48	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	16	05	11	22.7*	43.058	N	0.337	W	10	G		0.2	7	PYRENEES. ML 2.5 (LDG). Felt (II) in the Ossau Valley, France.
	16	05	49	57.0?	44.43	N	7.28	E	5	G		0.1	4	NORTHERN ITALY. ML 1.2 (GEN).
	16	07	07	46.6*	24.011	S	174.808	W	31	D	4.5	1.5	25	SOUTH OF TONGA ISLANDS
	16	08	39	17.7	16.774	N	46.537	W	10	G	4.5 4.4	1.1	52	NORTHERN MID-ATLANTIC RIDGE
	16	08	47	47.1?	39.15	N	27.59	E	10	G		0.7	4	TURKEY. MD 2.7 (ISK).
	16	09	00	02.4*	20.366	S	177.867	W	500	G	4.3	1.1	31	FIJI ISLANDS REGION
	16	09	09	42.6?	39.12	N	27.75	E	10	G		0.4	4	TURKEY. MD 2.8 (ISK).
	16	09	49	50.9?	39.50	N	29.59	E	10	G		1.3	6	TURKEY. MD 2.7 (ISK).
	16	10	04	30.7	40.611	N	33.510	E	10	G	3.9	1.1	28	TURKEY. MD 4.0 (ISK). Felt at Cankiri.
	16	10	26	25.5&	30.300	N	103.350	W	10	G			2	WESTERN TEXAS. <SPEC>. mbLg 2.5 (GS). Held to mainshock location.
	16	10	29	38.8	8.534	N	83.753	W	33	N	4.4	1.1	23	COSTA RICA. MD 4.4 (UPA).
	16	10	59	19.9%	40.547	N	33.650	E	10	G		0.3	5	TURKEY. MD 3.7 (ISK).
	16	11	49	49.7?	32.51	S	70.61	W	10	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	16	12	56	02.3*	36.216	N	70.849	E	239	?	3.9	0.7	20	HINDU KUSH REGION, AFGHANISTAN
	16	13	23	45.0	6.800	S	130.282	E	33	N	4.7	1.3	25	BANDA SEA
a	16	13	23	47.5	9.796	S	159.578	E	21	D	5.6 5.6	1.0	206	SOLOMON ISLANDS. Mw 5.6 (GS), 5.6 (HRV). Minor damage at Honiara.
	16	13	54	34.0	38.784	N	98.236	E	33	N	3.9	1.1	17	QINGHAI, CHINA. ML 4.1 (BJI).
	16	13	59	37.3%	38.529	N	1.787	W	10	G		0.9	16	SPAIN. mbLg 3.2 (MDD).
	16	14	10	45.7	38.837	N	74.818	E	33	N	4.1	0.7	23	TAJIKISTAN-XINJIANG BORDER REG.
	16	15	10	16.2	7.552	S	127.287	E	108		4.8	1.2	38	BANDA SEA
	16	15	12	01.5%	45.165	N	6.467	E	5	G		0.4	6	FRANCE. ML 2.5 (GEN).
	16	15	13	12.2?	40.45	N	27.94	E	10	G		0.4	4	TURKEY. MD 2.6 (ISK).
	16	15	47	31.2*	52.282	N	159.240	E	33	N	4.5	1.0	17	OFF EAST COAST OF KAMCHATKA
	16	16	16	09.6&	30.300	N	103.350	W	10	G			1	WESTERN TEXAS. <SPEC>. mbLg 2.4 (GS). Held to mainshock location.
	16	16	39	28.2	41.063	N	21.302	E	10	G		0.9	21	NORTHWESTERN BALKAN REGION. ML 3.0 (TTG), 2.7 (THE), 2.5 (SKO). Felt (IV) at Bitola.
	16	16	42	37.7	28.958	N	52.556	E	33	N	4.5	1.0	20	SOUTHERN IRAN
	16	17	20	06.5*	5.483	S	151.794	E	33	N	4.4	1.1	28	NEW BRITAIN REGION, P.N.G.
	16	18	01	17.3	26.494	N	142.013	E	33	N	4.8 4.1	1.0	76	BONIN ISLANDS REGION
	16	18	58	54.4	40.818	N	27.708	E	10	G		0.7	19	TURKEY. MD 3.7 (ISK).
	16	19	14	21.7?	10.33	N	61.26	W	50	G		0.6	4	TRINIDAD. MD 2.7 (TRN).
	16	19	44	40.2*	39.518	N	19.895	E	5	G		1.2	17	GREECE-ALBANIA BORDER REGION. ML 3.2 (THE). MD 3.2 (ATH).
	16	20	14	21.6?	34.53	S	71.96	W	10	G		0.2	7	NEAR COAST OF CENTRAL CHILE

a	16	20	36	09.0	21.017	S	174.386	W	32	D	5.0	4.9	1.2	83	TONGA ISLANDS. Mw 5.2 (HRV).
	16	21	46	27.5%	40.429	N	22.663	E	10	G			0.6	9	GREECE. ML 1.6 (THE).
	16	22	03	41.0&	32.029	N	116.365	W	4					7	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.0 (ECX). ML 3.1 (PAS).
	16	23	17	46.6*	7.014	N	73.229	W	153	*	4.2		1.2	25	NORTHERN COLOMBIA
	17	00	36	33.1	8.591	S	156.562	E	33	N	4.3		0.7	28	SOLOMON ISLANDS
	17	01	14	11.5?	34.47	S	70.40	W	10	G			0.1	8	CHILE-ARGENTINA BORDER REGION
a	17	01	14	16.6	8.527	S	156.612	E	12	G	5.8	5.9	1.1	298	SOLOMON ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Ms 5.9 (BRK). Depth from broadband displacement seismograms.
	17	01	32	45.0	29.691	N	81.520	E	19	D	4.8		1.1	71	NEPAL. Felt at Bajura.
	17	01	42	56.2%	38.625	N	27.005	E	10	G			0.6	8	TURKEY. MD 3.3 (ISK).
	17	02	33	57.1*	8.596	S	156.624	E	33	N	4.4		0.9	27	SOLOMON ISLANDS
	17	02	59	31.9*	41.120	N	21.252	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.8 (SKO). Felt (III) at Bitola.
	17	03	14	31.5*	0.965	S	120.347	E	33	N	4.1		1.3	11	MINAHASSA PENINSULA, SULAWESI. Felt at Palu.
	17	03	26	17.8	39.605	N	17.078	E	10	G	4.1		1.2	70	SOUTHERN ITALY. ML 4.0 (TTG), 3.9 (THE). MD 3.6 (ROM).
	17	03	35	01.4%	39.708	N	23.421	E	10	G			0.4	7	AEGEAN SEA. ML 2.0 (THE).
	17	04	10	47.6?	37.36	N	21.38	E	5	G			1.0	5	SOUTHERN GREECE. MD 3.0 (ATH).
	17	04	10	50.1*	8.548	S	156.616	E	33	N	4.7		1.1	36	SOLOMON ISLANDS
	17	04	32	21.2*	14.896	S	175.941	W	33	N	4.5		1.2	26	SAMOA ISLANDS REGION
	17	05	18	46.7&	60.248	N	153.070	W	125		4.2			138	SOUTHERN ALASKA. <AEIC>.
	17	05	23	34.4%	40.835	N	27.969	E	10	G			0.4	7	TURKEY. MD 2.9 (ISK).
	17	05	33	05.6?	33.28	S	118.21	E	10	G			1.5	5	WESTERN AUSTRALIA
	17	06	04	44.1?	1.02	S	120.52	E	33	N	4.2		1.2	8	SULAWESI, INDONESIA. Felt (III) at Palu.
	17	06	10	37.8?	34.50	S	70.42	W	5	G			0.8	10	CHILE-ARGENTINA BORDER REGION
a	17	07	14	35.2	33.763	N	38.576	W	10	G	5.8	5.7	0.9	535	NORTHERN MID-ATLANTIC RIDGE. Mw 6.2 (GS), 6.1 (HRV). Ms 5.9 (BRK).
	17	07	32	43.9	7.167	S	129.343	E	99		4.8		0.8	54	BANDA SEA
	17	07	53	57.6	46.854	N	6.605	E	5	G			0.8	23	SWITZERLAND. ML 2.8 (LDG).
	17	07	54	59.7*	41.073	N	21.343	E	10	G			0.8	21	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG), 3.2 (SKO). MD 3.3 (ATH). Felt (V) at Bitola.
	17	08	23	46.2	35.964	N	112.223	W	5	G	3.7		0.7	37	WESTERN ARIZONA. ML 4.1 (GS). Some minor damage at Tusayan. Felt (V) at Grand Canyon; (IV) at Supai; (II) at Ash Fork and Williams. Also felt at Flagstaff and Valle.
	17	08	42	17.5?	25.10	S	179.68	E	564	?	4.1		0.5	9	SOUTH OF FIJI ISLANDS
	17	08	50	00.5&	30.300	N	103.350	W	10	G				3	WESTERN TEXAS. <SPEC>. mbLg 2.5 (GS). Held to mainshock location.
a	17	08	52	20.8	55.663	S	27.425	W	33	N	5.2	5.1	1.0	85	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
	17	09	37	14.3%	41.141	N	23.589	E	5	G			0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
	17	10	10	32.5	45.097	N	8.293	E	10	G			1.1	23	NORTHERN ITALY. ML 2.5 (GEN), 2.4 (LDG).
	17	10	32	05.2*	17.911	S	178.389	W	550	G	4.1		1.4	20	FIJI ISLANDS REGION
	17	10	54	27.1	40.583	N	24.034	E	5	G			0.4	10	AEGEAN SEA. ML 2.6 (THE).
	17	11	04	28.5*	12.961	N	88.734	W	70		4.3		1.3	43	OFF COAST OF CENTRAL AMERICA. MD 3.9 (SSS). Felt (II) at San Salvador, El Salvador.
	17	12	02	29.7	11.338	N	86.350	W	32	D	4.8		1.1	70	NEAR COAST OF NICARAGUA
	17	12	43	19.0?	15.16	N	60.59	W	33	N			0.1	5	LEEWARD ISLANDS. ML 2.5 (FDF).
	17	12	43	26.3	8.512	S	156.590	E	33	N	4.6		1.2	54	SOLOMON ISLANDS
	17	13	04	32.7%	36.931	N	29.106	E	10	G			0.2	6	TURKEY. MD 3.3 (ISK).
	17	13	45	57.8	32.947	N	80.068	W	10	G			0.3	7	SOUTH CAROLINA. mbLg 3.9 (GS). Slight damage (VI) in the Summerville area. Felt (V) at Ladson and (III) at North Charleston.
	17	13	48	12.3	64.596	N	20.446	E	10	G			1.0	16	SWEDEN. ML 3.7 (UPP), 3.0 (NAO). MD 3.3 (BER). Felt.
a	17	14	27	28.9	11.340	S	166.271	E	52	D	5.2	5.1	1.0	142	SANTA CRUZ ISLANDS. Mw 5.5 (HRV).
	17	15	21	33.7?	29.74	S	175.70	W	33	N	4.2		1.6	11	KERMADEC ISLANDS REGION
	17	15	26	08.9?	20.50	S	169.82	E	117	?	4.7		1.2	16	VANUATU ISLANDS
	17	15	46	05.3%	40.173	N	28.282	E	10	G			0.4	8	TURKEY. MD 3.0 (ISK).
	17	16	24	50.9?	19.84	S	177.86	W	500	G	4.1		1.5	8	FIJI ISLANDS REGION
	17	16	48	20.4	20.325	S	178.740	W	657	*	4.5		1.1	63	FIJI ISLANDS REGION
	17	17	20	09.9?	46.92	N	6.76	E	10	G			0.1	4	SWITZERLAND. ML 2.0 (LDG).
	17	17	34	34.2	29.694	N	81.448	E	23	D	4.7		1.0	29	NEPAL. ML 4.9 (DMN).
	17	17	56	27.2	54.320	N	142.927	E	33	N	4.6	4.4	1.3	45	SAKHALIN ISLAND. Felt (VI) at Nyvrovo.
	17	18	19	27.0	50.249	N	91.081	E	33	N	4.7		1.0	78	RUSSIA-MONGOLIA BORDER REGION
	17	19	20	24.7*	40.081	N	24.459	E	5	G			1.1	10	AEGEAN SEA. ML 2.5 (THE).
	17	19	57	13.0*	28.249	N	55.173	E	33	N	4.3		1.1	17	SOUTHERN IRAN
	17	20	54	29.9*	10.527	N	67.885	W	33	N	4.3		1.4	22	NEAR COAST OF VENEZUELA
	17	21	46	52.9*	7.341	S	129.133	E	104	?	4.5		1.1	26	BANDA SEA
	17	22	05	30.6&	60.535	N	150.957	W	38					39	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	22	09	19.9&	34.294	N	118.398	W	5					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS). Felt.
	17	23	04	59.8%	44.319	N	6.909	E	5	G			0.2	7	FRANCE. ML 1.7 (GEN).
a	17	23	28	06.8	45.928	N	151.283	E	23	G	6.1	6.4	1.0	651	KURIL ISLANDS. Mw 6.7 (GS), 6.8 (HRV). Ms 6.2 (BRK). Mo=2.6*10**19 Nm (OBN), 1.4*10**19 Nm (PPT). Felt (VI) on Urup; (V) at Kurilsk, Iturup; (IV) on Simushir and Shikotan; (III) at Yuzhno-Kurilsk, Kunashir. Depth from broadband displacement seismograms.
	18	00	01	22.3&	59.605	N	152.820	W	105					49	SOUTHERN ALASKA. <AEIC>.
	18	01	27	03.2%	39.285	N	28.127	E	10	G			0.4	5	TURKEY. MD 2.9 (ISK).
	18	01	31	53.1*	12.979	N	144.935	E	75		4.4		1.0	17	SOUTH OF MARIANA ISLANDS. Felt (IV) at Merizo and Umatac, Guam. Felt (III) throughout the rest of Guam.
	18	01	56	29.0?	37.03	N	29.14	E	10	G			1.3	4	TURKEY. MD 3.0 (ISK).
	18	02	24	12.3*	45.861	N	151.217	E	136	?	4.1		0.8	33	KURIL ISLANDS
	18	02	28	27.6	44.657	N	6.659	E	5	G			0.6	32	FRANCE. ML 2.7 (LDG), 2.6 (GEN).
	18	03	02	52.1?	37.02	N	29.10	E	10	G			0.3	4	TURKEY. MD 3.1 (ISK).
a	18	03	49	37.0	2.061	S	140.457	E	20	G	5.9	5.6	0.9	338	NEAR NORTH COAST OF IRIAN JAYA. Mw 5.9 (GS), 6.1 (HRV). Ms 5.6 (BRK). Depth from broadband displacement seismograms.
	18	04	15	06.3*	46.099	N	151.195	E	33	N	4.2		1.2	28	KURIL ISLANDS
	18	05	20	35.6&	57.961	N	153.014	W	60		2.6			14	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
a	18	05	23	58.7	45.829	N	151.444	E	33	N	5.7	5.1	0.8	422	KURIL ISLANDS. Mw 5.6 (HRV).
	18	05	36	01.9	40.856	N	27.707	E	10	G	4.5		1.1	80	TURKEY. MD 4.2 (ISK). Felt at Istanbul and Tekirdag.
	18	06	00	55.2	1.576	S	133.897	E	44	D	4.7	4.4	0.8	27	IRIAN JAYA REGION, INDONESIA
	18	06	12	37.6	31.802	N	49.426	E	18	D	4.9	4.6	1.1	91	WESTERN IRAN. Felt at Izeh.
	18	07	04	50.4?	22.68	S	69.21	E	10	G	4.5		1.2	11	MID-INDIAN RIDGE

	18	07	48	41.5%	43.971	N	8.048	E	10	G		0.2	5	CORSICA. ML 2.2 (GEN).
	18	08	28	23.4	42.207	N	19.501	E	10	G		0.4	12	NORTHWESTERN BALKAN REGION. MD 3.2 (TTG).
	18	08	56	54.6	39.038	N	140.817	E	33	N	4.5	1.0	49	EASTERN HONSHU, JAPAN. Felt (III JMA) at Ichinoseki.
	18	09	12	38.4*	43.245	N	147.191	E	57	D	4.5	0.9	17	KURIL ISLANDS
	18	09	39	56.9%	10.893	N	61.963	W	60	G		0.4	6	TRINIDAD. MD 3.2 (TRN).
	18	09	56	37.2&	66.789	N	155.209	W	8		4.5 4.3		96	NORTHERN ALASKA. <AEIC>. ML 4.6 (AEIC), 4.9 (PMR). Felt (III) at Kobuk.
	18	09	58	06.9&	60.941	N	147.152	W	22				19	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	18	10	07	36.7*	41.134	N	21.232	E	10	G		0.9	5	NORTHWESTERN BALKAN REGION. ML 1.9 (SKO). Felt at Bitola.
	18	10	54	01.7%	40.840	N	27.712	E	10	G		0.4	6	TURKEY. MD 3.1 (ISK).
	18	11	14	19.9%	42.678	N	3.215	E	5	G		1.3	7	PYRENEES. ML 2.5 (LDG).
	18	11	26	24.2	34.951	N	138.562	E	26	D	4.8	1.0	78	NEAR S. COAST OF HONSHU, JAPAN. Felt (IV JMA) at Odawara and Shizuoka; (III JMA) at Ajiro.
	18	11	34	25.0?	23.94	S	179.62	W	500	G	4.2	1.1	11	SOUTH OF FIJI ISLANDS
	18	11	53	40.0%	40.463	N	21.865	E	5	G		0.4	6	GREECE. ML 1.9 (THE).
	18	12	10	42.4?	36.47	N	3.18	W	5	G		1.0	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	18	12	33	44.8?	37.18	N	29.04	E	5	G		1.8	4	TURKEY. MD 3.1 (ISK).
	18	14	31	58.9?	40.05	S	155.80	E	33	N	4.0	1.5	13	SOUTHEAST OF AUSTRALIA
	18	15	05	28.6	9.001	N	94.044	E	26	D	4.8	1.0	58	NICOBAR ISLANDS, INDIA
	18	15	10	32.8	9.003	N	94.032	E	27	D	4.7	0.8	29	NICOBAR ISLANDS, INDIA
	18	15	31	56.1	38.441	N	23.823	E	10	G		0.8	18	GREECE. MD 3.4 (ATH). ML 3.2 (THE).
	18	15	51	24.7*	36.390	N	70.498	E	229	?	4.0	0.9	16	HINDU KUSH REGION, AFGHANISTAN
	18	15	56	44.9&	58.953	N	154.301	W	107		3.9		96	ALASKA PENINSULA. <AEIC>.
a	18	16	23	36.4*	54.235	S	136.596	W	10	G	5.1 5.4	1.6	55	PACIFIC-ANTARCTIC RIDGE. Mw 5.7 (HRV). Mo=1.1*10**18 Nm (PPT).
	18	17	30	34.8%	44.550	N	7.279	E	10	G		0.2	11	NORTHERN ITALY. ML 2.1 (GEN).
	18	18	16	56.8	4.650	S	103.238	E	106	*	4.5	0.9	50	SOUTHERN SUMATERA, INDONESIA
	18	18	33	36.3?	44.43	N	7.30	E	5	G		0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
	18	18	50	15.7?	15.93	N	98.17	W	33	N		0.4	4	OFF COAST OF GUERRERO, MEXICO
	18	18	57	09.3*	13.327	S	170.418	E	641	*	4.5	1.2	82	VANUATU ISLANDS REGION
a	18	19	01	33.9	7.286	N	134.624	E	33	N	5.2 4.9	0.9	90	WESTERN CAROLINE ISLANDS. Mw 5.3 (HRV). Felt on Palau.
	18	19	47	44.9*	30.288	N	88.085	E	33	N	4.2	1.2	16	XIZANG
	18	20	08	48.1?	36.90	N	71.60	E	33	N	4.4	0.6	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	18	20	22	19.3	11.895	N	125.770	E	26	D	4.6 3.9	0.9	43	SAMAR, PHILIPPINE ISLANDS
	18	20	35	04.8*	11.900	N	125.630	E	33	N	4.7	1.0	44	SAMAR, PHILIPPINE ISLANDS
	18	21	11	14.2*	55.817	S	144.040	W	10	G	4.8	1.2	25	PACIFIC-ANTARCTIC RIDGE
	18	21	22	12.3%	44.436	N	7.281	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	18	21	27	29.8%	44.781	N	6.785	E	5	G		0.3	5	FRANCE. ML 1.5 (GEN).
	18	21	33	02.4*	48.374	N	153.233	E	133	?	4.0	1.0	28	KURIL ISLANDS
	18	22	14	56.1	6.728	S	155.572	E	337	*	4.5	0.8	53	SOLOMON ISLANDS
	18	23	24	46.7	21.787	S	179.376	W	612	D	4.8	1.0	135	FIJI ISLANDS REGION
	18	23	25	16.4*	60.051	S	19.109	W	10	G	4.4	1.2	18	SOUTHWESTERN ATLANTIC OCEAN
	18	23	41	10.9%	34.272	S	70.133	W	5	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	19	00	01	54.8	58.131	N	142.759	W	10	G	3.2	0.6	21	GULF OF ALASKA. ML 2.7 (AEIC), 3.0 (PGC).
	19	00	26	41.4%	40.552	N	23.645	E	10	G		0.4	6	GREECE. ML 1.9 (THE).
	19	00	37	06.9*	0.291	S	125.579	E	33	N	4.6	0.7	12	SOUTHERN MOLUCCA SEA
	19	01	04	55.7	36.051	N	28.380	E	88		3.9	0.9	74	DODECANESE ISLANDS. MD 3.7 (ISK).
	19	01	38	10.2?	14.54	N	60.68	W	70	G		0.3	6	WINDWARD ISLANDS
	19	02	18	54.4%	33.273	S	118.173	E	10	G		1.2	5	WESTERN AUSTRALIA
	19	02	32	30.4*	40.076	N	141.096	E	33	N	4.3	1.0	23	NEAR EAST COAST OF HONSHU, JAPAN
	19	02	53	37.0?	24.00	N	123.16	E	33	N	4.2	1.6	5	SOUTHWESTERN RYUKYU ISLANDS
	19	03	03	31.1%	11.044	N	62.001	W	60	G		0.3	6	WINDWARD ISLANDS
	19	03	39	01.0&	49.333	N	127.888	W	10	G			7	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.0 (PGC).
a	19	03	50	04.6	44.046	N	148.144	E	26	G	5.9 5.4	0.9	475	KURIL ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Ms 5.0 (BRK). Felt (III) at Yuzhno-Kurilsk. Depth from broadband displacement seismograms.
	19	04	16	01.8?	29.27	S	176.89	W	33	N	4.6	1.6	13	KERMADEC ISLANDS REGION. Felt (III) on Raoul Island.
	19	04	29	53.4	45.811	N	151.234	E	33	N	4.8	0.9	72	KURIL ISLANDS
	19	04	30	06.7%	44.170	N	10.777	E	10	G		0.9	8	NORTHERN ITALY. ML 2.7 (LDG).
	19	05	06	57.4*	44.097	N	147.952	E	33	N	4.2	1.2	26	KURIL ISLANDS
	19	05	16	42.3%	37.182	N	27.722	E	10	G		0.7	8	TURKEY. MD 3.7 (ISK).
	19	05	29	44.5*	6.028	N	125.934	E	33	N	3.9	0.6	15	MINDANAO, PHILIPPINE ISLANDS
	19	06	47	50.9?	11.99	N	86.44	W	33	N	4.3	1.0	10	NEAR COAST OF NICARAGUA
	19	06	54	42.5?	34.50	S	70.06	W	5	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	19	07	17	57.6*	17.954	S	178.781	W	600	G	4.6	1.1	46	FIJI ISLANDS REGION
	19	07	24	14.1?	11.41	N	124.72	E	33	N	4.2	1.6	11	LEYTE, PHILIPPINE ISLANDS
	19	07	48	06.0?	34.40	S	70.20	W	5	G		0.5	8	CHILE-ARGENTINA BORDER REGION
	19	08	23	30.3%	33.244	S	71.904	W	20	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.0 (SAN).
	19	08	56	30.7*	11.626	N	86.805	W	33	N	4.1	1.1	15	NEAR COAST OF NICARAGUA
	19	09	01	04.3?	39.12	N	27.54	E	10	G		0.4	4	TURKEY. MD 2.8 (ISK).
	19	11	41	33.5%	15.087	N	60.437	W	33	N		0.3	10	LEEWARD ISLANDS. ML 2.8 (FDF).
	19	12	08	17.8*	5.980	N	126.343	E	60	?	4.7	1.6	21	MINDANAO, PHILIPPINE ISLANDS
	19	13	04	36.1?	19.27	N	107.93	W	10	G	4.0	1.5	20	OFF COAST OF JALISCO, MEXICO
	19	13	40	26.5%	41.113	N	28.485	E	10	G		0.4	5	TURKEY. MD 2.6 (ISK).
	19	13	45	06.4*	43.322	N	18.013	E	5	G		0.9	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	19	13	48	48.0?	23.40	N	120.86	E	10	G	4.0	1.6	10	TAIWAN
	19	14	45	50.7?	39.10	N	27.47	E	10	G		0.5	4	TURKEY. MD 2.7 (ISK).
	19	14	57	00.1*	2.650	N	128.614	E	221	?	4.2	0.7	15	HALMAHERA, INDONESIA
	19	15	06	16.3*	36.361	S	72.918	W	33	N		0.8	14	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	19	15	06	28.1*	6.120	N	126.518	E	33	N	4.0	0.9	9	MINDANAO, PHILIPPINE ISLANDS
	19	16	42	04.9%	38.894	N	27.562	E	10	G		0.1	5	TURKEY. MD 3.1 (ISK).
	19	17	35	35.4%	32.889	S	70.887	W	68	?		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	19	17	38	12.5%	39.186	N	27.992	E	10	G		0.6	5	TURKEY. MD 2.7 (ISK).
	19	19	01	23.8?	40.56	N	29.05	E	10	G		0.3	4	TURKEY. MD 2.6 (ISK).
	19	19	10	02.8?	12.19	N	126.12	E	33	N	4.4	1.5	12	PHILIPPINE ISLANDS REGION
	19	19	30	53.4%	39.514	N	29.335	E	10	G		0.6	8	TURKEY. MD 2.8 (ISK).
	19	19	50	23.4?	39.55	N	28.86	E	10	G		0.8	4	TURKEY. MD 2.7 (ISK).
	19	20	57	44.7?	18.09	S	178.82	W	600	G	4.5	1.6	12	FIJI ISLANDS REGION
	19	22	41	06.4*	6.454	S	155.105	E	33	N	4.2	1.1	20	SOLOMON ISLANDS
	19	23	09	29.8*	36.723	N	29.284	E	10	G		1.0	7	TURKEY. MD 3.9 (ATH), 3.5 (ISK).
	20	00	23	00.0?	8.42	S	117.66	E	33	N	4.1	1.4	15	SUMBAWA REGION, INDONESIA
	20	00	30	42.6*	18.617	S	178.055	W	600	G	4.0	0.4	8	FIJI ISLANDS REGION

	20	01	07	35.7?	32.96	S	68.02	W	10	G			0.7	10	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	20	01	36	46.4%	40.582	N	23.691	E	5	G			0.6	8	GREECE. ML 1.9 (THE).
	20	03	42	16.0	40.672	N	23.379	E	5	G			0.6	9	GREECE. ML 1.9 (THE).
	20	04	05	50.9?	5.12	S	133.90	E	33	N	4.4		1.5	18	ARU ISLANDS REGION, INDONESIA
	20	04	16	35.1?	33.86	S	72.32	W	10	G			0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	20	04	37	05.0&	49.150	N	67.730	W	15					2	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.3 (OTT). Felt at Franquelin and Pointe-Lebel.
	20	05	48	43.0?	31.95	S	70.98	W	100	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
a	20	05	54	02.4	4.475	N	126.425	E	86	D	5.0		1.1	90	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV).
	20	05	57	54.3?	7.03	S	75.18	W	33	N	4.2		1.5	20	NORTHERN PERU
	20	06	42	42.2?	40.05	N	27.38	E	10	G			0.7	5	TURKEY. MD 2.7 (ISK).
	20	06	51	06.6*	42.906	N	146.203	E	33	N	4.6		1.0	22	OFF COAST OF HOKKAIDO, JAPAN
	20	07	05	13.3?	39.13	N	27.50	E	10	G			0.6	4	TURKEY. MD 2.6 (ISK).
	20	07	08	16.6?	39.08	N	27.61	E	10	G			0.9	4	TURKEY. MD 2.7 (ISK).
	20	07	13	25.8*	57.362	N	152.722	W	81	*			0.8	52	KODIAK ISLAND REGION
	20	08	18	47.6?	34.55	S	70.14	W	5	G			0.6	9	CHILE-ARGENTINA BORDER REGION
a	20	08	45	11.6	6.279	N	126.777	E	94	G	6.2		1.1	510	MINDANAO, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.5 (HRV). Mo=8.1*10**18 Nm (PPT). Two events about 3.4 seconds apart. Depth from broadband displacement seismograms, based on first event.
	20	09	26	06.1?	40.22	N	29.23	E	10	G			0.2	4	TURKEY. MD 2.6 (ISK).
	20	09	48	05.7*	27.985	S	62.813	E	10	G	4.7		0.8	16	SOUTHWEST INDIAN RIDGE
	20	10	41	50.2&	63.253	N	151.027	W	13					60	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	20	11	26	33.3&	62.247	N	150.125	W	12					80	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR). Felt (V) at Trapper Creek; (IV) at Kashwitna and Talkeetna.
	20	11	43	08.1?	34.42	S	70.48	W	5	G			0.8	10	CHILE-ARGENTINA BORDER REGION
	20	11	47	05.9%	34.565	S	70.333	W	5	G			0.2	9	CHILE-ARGENTINA BORDER REGION
	20	11	52	50.0%	40.844	N	27.700	E	10	G			0.6	6	TURKEY. MD 2.9 (ISK).
	20	11	56	21.9*	11.922	N	125.740	E	33	N	4.2		0.9	15	SAMAR, PHILIPPINE ISLANDS
	20	12	01	55.7?	36.76	N	3.80	W	10	G			0.4	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	20	12	04	17.8%	33.225	S	118.450	E	10	G	3.6		1.5	9	WESTERN AUSTRALIA
	20	12	12	26.0%	39.088	N	27.653	E	10	G			0.2	5	TURKEY. MD 2.9 (ISK).
	20	13	11	26.6%	33.191	S	118.466	E	10	G	3.6		1.3	10	WESTERN AUSTRALIA
	20	13	16	50.5%	33.260	S	118.457	E	10	G	3.5		1.2	6	WESTERN AUSTRALIA
	20	13	25	30.7%	42.647	N	18.216	E	5	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	20	13	57	38.1*	15.540	N	95.123	W	29	D	3.8		1.3	18	NEAR COAST OF OAXACA, MEXICO
	20	14	03	35.8*	12.271	S	123.516	E	33	N	4.4		1.2	27	SOUTH OF TIMOR, INDONESIA
	20	14	37	40.9?	32.28	N	138.11	E	348	?	4.0		1.5	8	SOUTH OF HONSHU, JAPAN
	20	14	51	47.0?	39.55	N	29.50	E	10	G			0.6	4	TURKEY. MD 2.6 (ISK).
	20	15	18	18.9%	34.057	S	70.176	W	10	G			1.0	9	CHILE-ARGENTINA BORDER REGION
	20	16	34	55.9&	61.717	N	151.819	W	92		2.9			73	SOUTHERN ALASKA. <AEIC>.
	20	18	24	43.6?	26.16	S	70.74	E	10	G	4.2		0.9	9	SOUTH INDIAN OCEAN
	20	18	32	42.9?	26.42	S	70.60	E	10	G	4.1		1.0	8	SOUTH INDIAN OCEAN
	20	19	58	39.9?	40.01	N	27.52	E	10	G			0.3	6	TURKEY. MD 3.0 (ISK).
	20	20	19	42.4	41.275	N	20.978	E	10	G			1.0	22	ALBANIA. ML 3.1 (TTG), 2.8 (THE), 2.7 (SKO).
	20	20	23	43.3*	39.767	N	24.532	E	5	G			0.4	7	AEGEAN SEA. ML 2.1 (THE).
	20	20	41	04.2	11.996	N	125.756	E	23	D	5.0	4.5	0.9	74	SAMAR, PHILIPPINE ISLANDS
	20	20	44	00.2*	11.825	N	125.612	E	33	N	4.8		1.1	17	SAMAR, PHILIPPINE ISLANDS
a	20	20	49	09.1	45.921	N	151.215	E	24	D	5.7	5.0	0.8	400	KURIL ISLANDS. Mw 5.4 (HRV).
	20	21	37	03.6*	11.842	N	125.693	E	33	N	4.3		1.1	9	SAMAR, PHILIPPINE ISLANDS
	20	21	38	41.9&	34.303	N	116.912	W	7					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt at Big Bear City.
	20	21	48	04.6%	44.405	N	8.653	E	10	G			0.3	6	NORTHERN ITALY. ML 2.1 (GEN).
	20	22	04	38.9*	30.550	S	71.626	W	69	*	4.4		1.0	24	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	20	22	21	05.5*	37.923	S	178.972	E	33	N	4.3		1.7	16	OFF E. COAST OF N. ISLAND, N.Z.
	20	22	35	53.9?	30.35	N	88.03	E	33	N	3.9		1.4	9	XIZANG
	20	22	47	24.8*	12.073	N	125.849	E	33	N	4.2		1.2	17	SAMAR, PHILIPPINE ISLANDS
	20	23	13	26.6	50.519	N	18.966	E	10	G	4.0		0.8	13	POLAND
	20	23	13	58.6%	45.269	N	14.940	E	5	G			0.4	5	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU).
	20	23	29	14.8*	12.043	N	125.302	E	33	N	4.2		0.7	11	SAMAR, PHILIPPINE ISLANDS
	20	23	29	57.4%	34.039	S	70.191	W	5	G			0.9	9	CHILE-ARGENTINA BORDER REGION
a	21	00	02	48.4	11.973	N	125.688	E	28	D	5.4	5.6	0.9	186	SAMAR, PHILIPPINE ISLANDS. Mw 6.0 (HRV).
a	21	00	09	54.3	12.011	N	125.656	E	20	G	6.2	6.9	1.0	439	SAMAR, PHILIPPINE ISLANDS. Mw 6.7 (GS), 6.9 (HRV). Ms 6.9 (BRK). Mo=2.9*10**19 Nm (PPT). Felt (IV RF) at Surigao, Mindanao and (III RF) at Catarman, Samar. Depth from broadband displacement seismograms.
	21	00	15	00.4*	44.137	N	146.163	E	33	N	5.2		1.0	20	KURIL ISLANDS
	21	00	16	47.8*	11.915	N	125.474	E	33	N	5.2		1.0	15	SAMAR, PHILIPPINE ISLANDS
	21	00	24	45.1?	12.18	N	126.65	E	33	N	4.6		1.5	11	PHILIPPINE ISLANDS REGION
a	21	00	30	10.8	11.925	N	125.564	E	17	G	6.3	7.2	1.0	443	SAMAR, PHILIPPINE ISLANDS. Mw 6.8 (HRV). Two events about 1.6 seconds apart. Depth from broadband displacement seismograms, based on second event.
a	21	00	34	46.0	12.059	N	125.580	E	21	G	6.3	7.3	1.2	201	SAMAR, PHILIPPINE ISLANDS. Mw 7.1 (GS), 7.2 (HRV). Mo=1.2*10**20 Nm (PPT). Some damage occurred at Borongan and Sulat. Felt (IV RF) at Butuan, Mindanao; (III RF) on Masbate; (II RF) on Cebu and at Cagayan de Oro, Mindanao. Also felt at Davao, Mindanao. Local tsunami generated with maximum wave heights (peak-to-trough) of 10 cm recorded at Legaspi, Luzon. Two events about 3.5 seconds apart. Depth from broadband displacement seismograms, based on second event.
	21	00	47	12.2*	12.024	N	125.680	E	33	N	4.9		1.0	14	SAMAR, PHILIPPINE ISLANDS
	21	00	51	42.6	11.739	N	125.679	E	33	N	4.9		0.5	26	SAMAR, PHILIPPINE ISLANDS
	21	00	56	15.6*	12.185	N	125.328	E	33	N	4.9		1.0	25	SAMAR, PHILIPPINE ISLANDS
	21	00	59	20.5*	12.217	N	125.564	E	33	N	4.6		0.7	11	SAMAR, PHILIPPINE ISLANDS
	21	01	02	10.8	12.169	N	125.662	E	33	N	4.7		0.8	30	SAMAR, PHILIPPINE ISLANDS
	21	01	12	59.4	33.101	N	136.885	E	388		4.5		0.8	81	NEAR S. COAST OF WESTERN HONSHU
	21	01	17	56.4	11.864	N	125.649	E	33	N	4.9		1.0	51	SAMAR, PHILIPPINE ISLANDS
	21	01	24	06.1*	12.178	N	125.612	E	33	N	4.7		0.9	29	SAMAR, PHILIPPINE ISLANDS
	21	01	25	55.6	12.273	N	125.633	E	33	N	5.1		0.9	71	SAMAR, PHILIPPINE ISLANDS
	21	01	26	54.7*	12.309	N	125.614	E	33	N	4.9		0.5	15	SAMAR, PHILIPPINE ISLANDS
	21	01	28	05.4	12.032	N	125.502	E	33	N	4.8		0.4	18	SAMAR, PHILIPPINE ISLANDS

	21	01 30 52.7	12.235	N	125.643	E	33	N	4.6		0.9	36	SAMAR, PHILIPPINE ISLANDS
	21	01 42 48.2*	12.171	N	125.752	E	33	N	4.5		0.7	15	SAMAR, PHILIPPINE ISLANDS
	21	01 48 56.6*	11.841	N	125.807	E	33	N	4.4		0.8	15	SAMAR, PHILIPPINE ISLANDS
	21	01 51 27.2	12.128	N	125.583	E	33	N	4.7		0.9	37	SAMAR, PHILIPPINE ISLANDS
	21	02 01 29.7	12.175	N	125.618	E	33	N	4.6		0.7	35	SAMAR, PHILIPPINE ISLANDS
	21	02 02 23.4*	12.175	N	125.608	E	33	N	4.4		0.9	15	SAMAR, PHILIPPINE ISLANDS
	21	02 03 14.7*	11.960	N	125.890	E	33	N	4.9		0.8	12	SAMAR, PHILIPPINE ISLANDS
	21	02 09 35.4	34.298	S	70.484	W	7		4.1		0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	21	02 16 02.9	11.787	N	125.926	E	29	D	5.1		1.0	117	SAMAR, PHILIPPINE ISLANDS
	21	02 19 18.8*	11.723	N	125.828	E	33	N	4.5		0.9	13	SAMAR, PHILIPPINE ISLANDS
	21	02 23 13.5	12.267	N	125.549	E	26	D	5.3		0.8	137	SAMAR, PHILIPPINE ISLANDS
	21	02 29 07.9	12.216	N	125.386	E	33	N	4.6		0.7	19	SAMAR, PHILIPPINE ISLANDS
	21	02 31 24.7*	12.386	N	125.522	E	33	N	4.2		0.7	11	SAMAR, PHILIPPINE ISLANDS
	21	02 31 39.9	12.256	N	125.588	E	33	N	5.0		0.8	53	SAMAR, PHILIPPINE ISLANDS
	21	02 38 41.1?	12.25	N	125.51	E	33	N	4.7		0.7	15	SAMAR, PHILIPPINE ISLANDS
	21	02 39 25.2*	6.948	N	126.414	E	33	N	4.7		1.3	21	MINDANAO, PHILIPPINE ISLANDS
	21	02 39 49.8?	12.22	N	125.58	E	33	N	4.6		0.9	8	SAMAR, PHILIPPINE ISLANDS
	21	02 44 29.4&	38.817	N	27.222	E	10	G			0.8	6	TURKEY. MD 3.2 (ISK).
	21	02 50 31.7	12.042	N	125.501	E	33	N	4.6		0.9	35	SAMAR, PHILIPPINE ISLANDS
	21	03 05 31.4	12.122	N	125.668	E	25	D	5.1		0.8	76	SAMAR, PHILIPPINE ISLANDS
	21	03 10 53.8	12.157	N	125.461	E	33	N	4.6		1.1	40	SAMAR, PHILIPPINE ISLANDS
	21	03 21 45.5?	12.10	N	126.70	E	33	N	4.6		1.3	10	PHILIPPINE ISLANDS REGION
	21	03 24 53.3*	32.451	S	70.976	W	70	G			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	21	03 38 52.8?	12.24	N	125.62	E	33	N	4.4		0.9	7	SAMAR, PHILIPPINE ISLANDS
	21	03 48 46.1&	38.768	N	119.710	W	2					47	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK), 3.2 (GS).
	21	03 54 09.8	11.722	N	125.448	E	33	N	4.6		1.0	21	SAMAR, PHILIPPINE ISLANDS
	21	04 00 31.8?	12.03	N	125.15	E	33	N	4.7		0.7	9	SAMAR, PHILIPPINE ISLANDS
	21	04 22 25.0*	12.231	N	125.582	E	33	N	4.6		1.0	24	SAMAR, PHILIPPINE ISLANDS
	21	04 32 48.6*	51.642	N	16.270	E	10	G			1.4	7	POLAND
	21	04 35 54.3?	40.84	N	27.75	E	10	G			0.3	4	TURKEY. MD 2.8 (ISK).
	21	04 41 44.0&	30.300	N	103.350	W	10	G				5	WESTERN TEXAS. <SPEC>. mbLg 2.9 (GS). Felt (III) at Alpine. Held to mainshock location.
	21	05 15 37.4	12.003	N	125.904	E	32	D	4.9		1.0	91	SAMAR, PHILIPPINE ISLANDS
a	21	05 17 01.3	12.047	N	125.920	E	27	G	5.6	6.9	1.1	234	SAMAR, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.8 (HRV). Ms 6.8 (BRK). Mo=3.3*10**19 Nm (PPT). Felt at Davao, Mindanao. Depth from broadband displacement seismograms.
	21	05 23 07.9?	19.41	N	65.89	W	10	G			0.1	7	PUERTO RICO REGION
	21	05 24 52.3	12.086	N	125.877	E	33	N	5.1		0.8	27	SAMAR, PHILIPPINE ISLANDS
	21	05 25 52.4	12.140	N	125.997	E	33	N	5.0		1.0	47	SAMAR, PHILIPPINE ISLANDS
	21	05 55 13.9*	11.846	N	125.576	E	33	N	4.5		0.8	14	SAMAR, PHILIPPINE ISLANDS
	21	06 03 48.6	50.470	N	19.095	E	10	G			0.7	6	POLAND
	21	06 26 39.3*	12.236	N	125.579	E	33	N	4.5		1.0	16	SAMAR, PHILIPPINE ISLANDS
	21	06 43 19.4	12.179	N	125.618	E	33	N	4.5		0.8	28	SAMAR, PHILIPPINE ISLANDS
	21	06 49 48.2	11.860	N	125.588	E	33	N	4.5		0.7	23	SAMAR, PHILIPPINE ISLANDS
	21	06 56 47.5	12.024	N	125.771	E	33	N	4.7		0.8	26	SAMAR, PHILIPPINE ISLANDS
	21	07 05 42.0	12.036	N	125.674	E	26	D	4.9		1.0	84	SAMAR, PHILIPPINE ISLANDS
	21	07 14 40.3?	39.14	N	27.66	E	10	G			0.4	4	TURKEY. MD 2.8 (ISK).
	21	07 21 10.4*	12.160	N	125.556	E	33	N	4.5		0.8	19	SAMAR, PHILIPPINE ISLANDS
	21	07 36 51.9*	12.213	N	125.604	E	33	N	4.3		0.9	16	SAMAR, PHILIPPINE ISLANDS
	21	07 58 14.0?	34.22	S	70.10	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	21	08 02 56.6	43.767	N	7.555	E	26		4.4		0.9	130	NEAR SOUTH COAST OF FRANCE. ML 4.8 (LDG), 4.5 (GEN). MD 4.7 (TRI), 4.7 (STR). Felt (IV) at Nice and (III) at Toulon.
	21	08 11 02.5	43.795	N	7.535	E	10	G			0.4	11	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.1 (GEN).
	21	08 24 24.8*	15.071	S	173.682	W	10	G	4.2		1.1	22	TONGA ISLANDS
	21	08 24 50.9	43.814	N	7.546	E	10	G			0.3	11	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 2.0 (GEN).
	21	08 42 33.5*	12.187	N	125.523	E	33	N	4.4		1.0	24	SAMAR, PHILIPPINE ISLANDS
	21	08 58 56.8*	10.077	N	84.572	W	33	N	4.2		1.1	12	COSTA RICA. MD 4.4 (UPA).
	21	09 08 28.9	41.190	N	21.987	E	5	G			0.5	11	NORTHWESTERN BALKAN REGION
	21	09 18 53.4	12.158	N	125.810	E	29	D	4.8	4.5	0.9	89	SAMAR, PHILIPPINE ISLANDS
	21	09 24 20.7*	12.093	N	125.763	E	33	N	4.5		1.0	21	SAMAR, PHILIPPINE ISLANDS
	21	09 48 07.5	11.913	N	125.779	E	33	N	4.7		0.8	24	SAMAR, PHILIPPINE ISLANDS
	21	10 03 03.8?	11.79	N	125.87	E	33	N	4.0		1.1	8	SAMAR, PHILIPPINE ISLANDS
	21	10 09 33.1*	15.239	S	173.549	W	33	N	4.4		1.1	31	TONGA ISLANDS
	21	10 11 28.9*	43.502	N	20.191	E	10	G			1.1	11	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	21	10 15 01.2&	34.490	S	70.412	W	5	G			0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	21	10 22 49.9?	34.49	S	70.47	W	5	G			1.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	21	10 32 57.8	12.275	N	125.552	E	27	D	4.9	4.4	1.1	88	SAMAR, PHILIPPINE ISLANDS
	21	10 51 55.1*	12.199	N	125.459	E	33	N	4.5		0.7	16	SAMAR, PHILIPPINE ISLANDS
	21	10 54 27.4&	40.757	N	29.695	E	5	G			0.7	7	TURKEY. MD 2.9 (ISK).
	21	11 19 48.9?	12.24	N	127.67	E	33	N	4.3		0.8	7	PHILIPPINE ISLANDS REGION
	21	11 40 25.9?	51.28	N	15.99	E	10	G			1.3	5	POLAND. ML 2.7 (MOX).
	21	11 47 52.1	11.926	N	125.762	E	33	N	4.7		0.7	20	SAMAR, PHILIPPINE ISLANDS
	21	12 01 35.0?	11.36	N	124.63	E	33	N	4.3		1.4	11	LEYTE, PHILIPPINE ISLANDS
	21	12 42 05.3	11.987	N	125.923	E	30	D	4.9	4.8	1.1	98	SAMAR, PHILIPPINE ISLANDS
	21	12 46 58.9*	11.936	N	125.787	E	33	N	4.5		1.1	20	SAMAR, PHILIPPINE ISLANDS
	21	12 47 44.3	12.135	N	125.560	E	42	D	5.1	4.7	1.1	85	SAMAR, PHILIPPINE ISLANDS
	21	12 50 17.6?	40.44	N	29.22	E	5	G			0.5	4	TURKEY. MD 2.7 (ISK).
	21	13 00 21.2*	11.950	N	125.781	E	33	N	4.3		0.8	14	SAMAR, PHILIPPINE ISLANDS
	21	13 17 41.5	11.671	N	125.411	E	33	N	4.5		0.9	23	SAMAR, PHILIPPINE ISLANDS
	21	13 21 11.8	43.799	N	7.562	E	10	G			0.4	10	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 1.9 (LDG).
	21	13 38 06.2	43.759	N	7.590	E	10	G			0.7	16	NEAR SOUTH COAST OF FRANCE. ML 2.7 (GEN), 2.6 (LDG).
	21	14 12 14.1?	40.81	N	28.15	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	21	15 29 17.3*	11.767	N	125.849	E	33	N	4.5		0.8	25	SAMAR, PHILIPPINE ISLANDS
	21	15 38 09.7&	44.119	N	8.078	E	10	G			0.3	7	NORTHERN ITALY. ML 2.0 (GEN).
	21	15 44 44.2?	11.73	N	89.34	W	33	N			0.2	7	OFF COAST OF CENTRAL AMERICA. MD 3.3 (SSS). Felt (II) at San Salvador, El Salvador.
	21	16 03 52.0&	42.666	N	18.682	E	10	G			0.1	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	21	16 22 13.5&	33.176	S	70.328	W	5	G			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	21	16 41 52.5?	74.66	N	9.98	E	10	G	3.6		1.6	5	GREENLAND SEA
	21	17 03 16.0	12.007	N	125.926	E	25	D	5.2	5.2	1.0	140	SAMAR, PHILIPPINE ISLANDS

	21	17 11 31.5*	11.968	N	125.879	E	33	N	4.4		0.9	10	SAMAR, PHILIPPINE ISLANDS
	21	17 24 36.9*	47.115	N	0.718	W	10	G			1.4	14	FRANCE. ML 2.8 (LDG).
	21	17 32 06.9	11.834	N	125.915	E	28	D	4.8		1.1	40	SAMAR, PHILIPPINE ISLANDS
	21	17 54 36.3&	42.654	N	18.702	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	21	17 58 53.4	52.517	S	27.736	E	10	G	4.4		0.9	13	SOUTH OF AFRICA
	21	18 16 14.8*	62.332	N	1.152	E	10	G			0.6	8	NORWEGIAN SEA. ML 2.6 (BGS). MD 2.4 (BER).
	21	18 16 35.0*	12.197	N	125.652	E	33	N	4.0		1.0	7	SAMAR, PHILIPPINE ISLANDS
	21	18 19 31.1	45.735	N	7.104	E	12				0.8	31	NORTHERN ITALY. ML 3.2 (LDG), 2.9 (GEN). MD 2.8 (STR).
	21	18 37 46.8?	11.84	N	86.82	W	33	N	4.3		1.3	12	NEAR COAST OF NICARAGUA
	21	19 09 43.9&	62.384	N	151.253	W	77					75	CENTRAL ALASKA. <AEIC>.
	21	19 34 58.0*	12.570	N	125.354	E	33	N	4.6		1.0	12	SAMAR, PHILIPPINE ISLANDS
	21	19 38 48.5?	34.08	S	69.92	W	5	G			0.2	7	CHILE-ARGENTINA BORDER REGION
	21	19 45 51.9	12.257	N	125.549	E	33	N	4.7	4.2	0.9	48	SAMAR, PHILIPPINE ISLANDS
	21	19 48 13.2*	12.180	N	125.736	E	33	N	4.5		1.3	13	SAMAR, PHILIPPINE ISLANDS
a	21	19 49 36.8	11.776	N	125.918	E	33	D	5.3		0.8	124	SAMAR, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	21	19 50 20.9	43.834	N	7.569	E	10	G			0.4	10	NEAR SOUTH COAST OF FRANCE. ML 2.2 (GEN), 2.0 (LDG).
	21	20 09 40.5*	32.696	S	70.131	W	116	?			0.2	12	CHILE-ARGENTINA BORDER REGION
	21	20 16 40.6	43.748	N	6.719	E	18				0.9	20	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	21	20 16 54.7	12.179	N	125.537	E	33	N	4.7		0.8	28	SAMAR, PHILIPPINE ISLANDS
	21	20 37 42.6&	61.942	N	149.887	W	43					60	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	21	20 40 25.9*	12.014	N	125.597	E	33	N	4.6		0.9	26	SAMAR, PHILIPPINE ISLANDS
	21	20 41 02.5	11.736	N	125.572	E	32	D	4.8	4.3	0.9	70	SAMAR, PHILIPPINE ISLANDS
	21	20 57 42.6&	36.927	N	4.317	W	10	G			1.2	7	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	21	21 25 24.5*	11.711	N	125.795	E	33	N	4.1		1.0	11	SAMAR, PHILIPPINE ISLANDS
	21	21 29 02.3	43.760	N	7.598	E	10	G			0.8	17	NEAR SOUTH COAST OF FRANCE. ML 2.9 (GEN), 2.9 (LDG).
	21	21 29 15.8*	12.358	N	125.411	E	33	N	4.4		1.4	12	SAMAR, PHILIPPINE ISLANDS
	21	22 01 01.1*	24.671	N	94.771	E	44	?	4.4		0.8	15	MYANMAR-INDIA BORDER REGION
	21	22 30 27.5	11.830	N	125.800	E	33	N	4.7		0.6	35	SAMAR, PHILIPPINE ISLANDS
	21	23 16 08.2	11.807	N	125.756	E	33	N	4.5		0.6	18	SAMAR, PHILIPPINE ISLANDS
	21	23 47 06.4	42.658	N	18.677	E	10	G			0.4	10	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	21	23 48 05.9*	24.031	S	66.848	W	269	?	3.8		1.5	13	SALTA PROVINCE, ARGENTINA
a	22	00 21 48.6	30.892	N	49.908	E	25	D	5.1	4.9	1.0	276	WESTERN IRAN. Mw 5.3 (HRV). Felt at Ahvaz, Bandar-e Deylam, Behbehan, Ganaveh and Izeh.
	22	00 50 41.9*	11.450	N	125.598	E	33	N	4.0		0.9	20	SAMAR, PHILIPPINE ISLANDS
	22	00 59 26.6*	12.153	N	125.417	E	33	N	4.1		1.1	15	SAMAR, PHILIPPINE ISLANDS
	22	01 07 14.1*	43.842	N	7.468	E	10	G			0.4	9	NEAR SOUTH COAST OF FRANCE. ML 2.4 (STR), 2.0 (LDG).
	22	01 36 11.7?	49.31	N	27.24	W	10	G	4.2		0.9	11	NORTHERN MID-ATLANTIC RIDGE
	22	02 01 25.0?	56.01	N	160.69	E	33	N	4.1		0.8	17	KAMCHATKA
	22	02 16 10.7	11.745	N	125.664	E	33	N	4.6		0.8	26	SAMAR, PHILIPPINE ISLANDS
	22	02 27 58.6?	31.03	N	49.78	E	33	N	4.6		0.4	8	WESTERN IRAN
	22	02 42 52.3?	11.87	N	125.81	E	33	N	4.0		0.7	7	SAMAR, PHILIPPINE ISLANDS
	22	02 48 37.8	11.841	N	125.558	E	33	N	4.3		0.6	17	SAMAR, PHILIPPINE ISLANDS
	22	03 07 36.6	51.691	N	16.221	E	10	G			0.9	10	POLAND. ML 2.3 (MOX).
	22	03 29 53.9*	11.942	N	125.343	E	33	N	4.6		0.9	17	SAMAR, PHILIPPINE ISLANDS
	22	03 31 43.1&	40.578	N	23.058	E	5	G			0.4	6	GREECE. ML 1.4 (THE).
	22	03 47 37.6*	12.245	N	125.459	E	33	N	4.6		0.9	25	SAMAR, PHILIPPINE ISLANDS
	22	04 53 05.6?	11.78	N	125.79	E	33	N	4.3		0.8	9	SAMAR, PHILIPPINE ISLANDS
	22	05 33 33.5?	31.85	S	71.81	W	70	G			0.9	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	22	05 55 47.4	12.119	N	125.788	E	33	N	4.7	4.3	1.1	48	SAMAR, PHILIPPINE ISLANDS
	22	06 05 56.8*	7.015	S	129.911	E	131	?	4.6		1.3	19	BANDA SEA
	22	06 12 47.6?	24.01	S	179.58	E	617	?	4.3		0.6	15	SOUTH OF FIJI ISLANDS
	22	06 24 17.2&	33.623	S	70.695	W	80	G			1.2	8	CHILE-ARGENTINA BORDER REGION
	22	06 54 08.7	12.140	N	125.521	E	33	N	4.6		0.9	45	SAMAR, PHILIPPINE ISLANDS
	22	07 19 28.0*	40.445	N	21.824	E	5	G			1.0	5	GREECE. ML 1.6 (THE).
	22	07 34 56.8*	31.563	S	69.368	W	160	G			0.5	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
	22	07 36 21.4*	12.080	N	126.452	E	33	N	4.2		0.8	20	PHILIPPINE ISLANDS REGION
	22	08 26 47.6	12.208	N	125.530	E	33	N	4.4		0.8	25	SAMAR, PHILIPPINE ISLANDS
	22	08 57 36.8	41.404	N	22.735	E	10	G			0.6	17	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO), 2.3 (THE).
	22	09 08 28.0*	11.758	N	125.694	E	33	N	4.3		0.9	12	SAMAR, PHILIPPINE ISLANDS
	22	09 24 17.7*	12.249	N	125.442	E	33	N	4.4		0.8	24	SAMAR, PHILIPPINE ISLANDS
	22	09 33 17.2?	15.17	S	173.40	W	10	G	4.2		1.4	16	TONGA ISLANDS
	22	09 46 06.8*	12.276	N	125.599	E	33	N	4.0		1.1	9	SAMAR, PHILIPPINE ISLANDS
	22	09 54 32.1*	46.128	N	7.543	E	5	G			1.1	7	SWITZERLAND. ML 2.4 (LDG).
	22	10 21 16.4*	3.361	S	135.823	E	40	?	4.5		0.6	9	IRIAN JAYA REGION, INDONESIA
	22	10 26 03.3	44.095	N	20.573	E	10	G			1.1	20	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG).
a	22	10 31 47.0*	51.143	S	161.885	E	10	G	4.6	4.7	1.4	22	NORTH OF MACQUARIE ISLAND. Mw 5.5 (HRV).
	22	10 33 30.2*	12.297	N	125.560	E	10	G	4.7		0.9	18	SAMAR, PHILIPPINE ISLANDS
a	22	11 18 25.2	11.828	N	125.860	E	30	D	5.3	5.2	0.9	185	SAMAR, PHILIPPINE ISLANDS. Mw 5.7 (HRV).
	22	11 29 33.1?	34.46	S	70.44	W	10	G			0.7	7	CHILE-ARGENTINA BORDER REGION
	22	11 57 05.3?	11.20	N	125.71	E	33	N	4.2		0.9	8	SAMAR, PHILIPPINE ISLANDS
	22	12 09 43.0&	34.605	S	70.478	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	22	12 13 38.5*	34.879	S	70.267	W	5	G			0.8	12	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	22	13 10 08.1?	48.61	N	2.74	W	10	G			1.1	18	FRANCE. ML 3.5 (LDG).
	22	13 24 56.0	8.646	S	156.697	E	33	N	4.5		0.8	31	SOLOMON ISLANDS
	22	13 35 37.3	51.676	N	16.138	E	10	G			0.6	13	POLAND. ML 2.7 (MOX).
	22	14 23 11.4	44.505	N	129.603	W	10	G	4.0		0.7	141	OFF COAST OF OREGON
	22	14 31 27.4&	38.767	N	119.707	W	0					63	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). Foreshock.
	22	14 31 32.4&	38.777	N	119.705	W	6		3.8			54	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.2 (GM). ML 4.5 (BRK), 4.4 (GS). Mo=2.4*10**15 Nm (BRK). Felt (IV) at Yerington; (III) at Wellington and Carson City, Nevada. Felt (III) at Kirkwood, Markleeville and Pollock Pines, California. Also felt at Gardnerville and Minden, Nevada.
	22	14 45 09.4	11.824	N	125.734	E	33	N	4.7		1.0	45	SAMAR, PHILIPPINE ISLANDS
	22	14 54 05.7	11.871	N	125.994	E	28	D	4.9	4.8	1.1	67	SAMAR, PHILIPPINE ISLANDS
	22	15 11 50.8	43.794	N	7.554	E	10	G			0.4	10	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG), 2.1 (GEN).
	22	15 19 56.0?	43.73	N	7.61	E	5	G			0.3	4	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG).
	22	15 33 15.1*	12.097	N	125.909	E	33	N	4.2		0.8	12	SAMAR, PHILIPPINE ISLANDS
	22	15 47 16.4	43.789	N	7.550	E	5	G			0.6	9	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 1.8 (LDG).
	22	16 58 52.2?	43.67	N	7.82	E	5	G			0.1	8	NEAR SOUTH COAST OF FRANCE. ML 1.8 (LDG).
	22	17 31 59.9	6.775	N	72.953	W	162		4.6		1.0	80	NORTHERN COLOMBIA
	22	17 52 35.9*	11.799	N	125.879	E	33	N	4.4		0.8	18	SAMAR, PHILIPPINE ISLANDS

	22	18	04	37.6*	7.021	S	144.262	E	36	?	3.8		0.8	11	NEAR S COAST OF NEW GUINEA, PNG.
	22	18	19	50.0	5.150	S	102.658	E	82	*	5.1		1.0	81	SOUTHERN SUMATERA, INDONESIA
	22	18	27	44.1*	15.019	S	173.660	W	10	G	4.3	4.6	1.0	19	TONGA ISLANDS
	22	18	46	16.5	40.564	N	23.660	E	5	G			0.5	9	GREECE. ML 2.2 (THE).
	22	19	44	09.5*	12.204	N	125.526	E	33	N	4.2		0.7	12	SAMAR, PHILIPPINE ISLANDS
	22	20	35	49.1?	7.49	S	122.17	E	63	?	4.1		1.6	9	FLORES SEA
	22	21	17	49.3*	44.717	N	148.396	E	33	N	4.2		1.1	21	KURIL ISLANDS
	22	21	42	04.8	12.244	N	125.551	E	33	N	4.8		0.9	76	SAMAR, PHILIPPINE ISLANDS
	22	22	19	46.2*	53.053	N	35.406	W	10	G	4.5		1.0	27	NORTH ATLANTIC OCEAN
	22	22	21	05.9	53.340	N	35.368	W	10	G	4.6	4.5	0.8	35	NORTH ATLANTIC OCEAN
	22	22	23	09.5	53.359	N	35.278	W	10	G	4.6	4.4	0.8	45	NORTH ATLANTIC OCEAN
	22	22	39	04.8	53.316	N	35.330	W	10	G	4.5	4.2	0.9	59	NORTH ATLANTIC OCEAN
	22	22	49	04.5%	33.647	S	70.486	W	20	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	22	23	56	54.6*	12.039	N	125.650	E	33	N	4.3		0.8	11	SAMAR, PHILIPPINE ISLANDS
	23	00	07	00.2*	11.960	N	126.007	E	33	N	4.7		0.7	11	PHILIPPINE ISLANDS REGION
	23	00	29	36.6	50.949	N	6.068	E	10	G			0.4	7	GERMANY. ML 2.0 (UCC), 1.9 (DBN), 1.7 (BNS).
	23	00	37	29.0	11.938	N	125.767	E	33	N	4.6		1.0	30	SAMAR, PHILIPPINE ISLANDS
	23	00	37	51.3&	35.326	N	118.592	W	3					50	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	23	00	56	47.5%	45.905	N	8.227	E	5	G			0.8	12	NORTHERN ITALY. ML 2.3 (LDG).
	23	01	05	07.7	55.648	N	162.450	E	33	N	4.4		0.7	33	NEAR EAST COAST OF KAMCHATKA
	23	01	10	25.5&	63.584	N	149.556	W	126					39	CENTRAL ALASKA. <AEIC>.
	23	01	12	10.7?	31.56	S	70.58	W	110	G			0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	23	01	15	04.2%	34.087	S	69.978	W	5	G			0.3	9	CHILE-ARGENTINA BORDER REGION
	23	01	28	06.0?	43.76	N	7.62	E	10	G			0.1	4	NEAR SOUTH COAST OF FRANCE. ML 1.8 (LDG).
	23	01	28	09.5&	62.917	N	150.870	W	107					49	CENTRAL ALASKA. <AEIC>.
	23	01	38	32.4&	64.941	N	146.419	W	19					27	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	23	02	40	54.5?	39.42	N	42.33	E	10	G	3.7		1.1	13	TURKEY
a	23	02	55	55.1	51.334	N	179.714	E	17	G	6.2	6.5	1.0	573	RAT ISLANDS, ALEUTIAN ISLANDS. Mw 6.4 (GS), 6.5 (HRV). ML 6.7 (PMR). Ms 6.2 (BRK). Mo=1.0*10**19 Nm (PPT). Felt (IV) on Adak. Depth from broadband displacement seismograms.
	23	03	09	51.6	11.738	N	125.937	E	33	N	4.7		1.0	34	SAMAR, PHILIPPINE ISLANDS
	23	03	47	02.2?	51.76	N	179.84	E	33	N	4.5		1.5	9	RAT ISLANDS, ALEUTIAN ISLANDS
	23	04	30	48.8	18.497	N	145.169	E	515		4.9		0.9	188	MARIANA ISLANDS
	23	04	45	53.7	50.926	N	6.119	E	10	G			0.4	7	GERMANY. ML 2.2 (UCC), 1.8 (BNS), 1.6 (DBN).
	23	04	46	06.3	16.384	S	177.940	E	33	N	4.7		1.3	59	FIJI ISLANDS. ML 4.7 (SVA).
	23	04	46	19.2*	50.908	N	6.133	E	10	G			0.2	5	GERMANY. ML 2.2 (UCC), 1.9 (BNS), 1.8 (DBN).
	23	05	07	27.5?	34.92	S	71.10	W	100	G			0.2	11	NEAR COAST OF CENTRAL CHILE
a	23	05	08	01.9	12.390	N	125.396	E	24	G	6.1	6.6	1.0	463	SAMAR, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.8 (HRV). Ms 6.6 (BRK). Mo=3.0*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	23	05	28	31.2	12.396	N	125.479	E	33	N	4.8		1.0	58	SAMAR, PHILIPPINE ISLANDS
	23	05	30	01.5	11.725	N	125.907	E	33	N	5.3		0.9	61	SAMAR, PHILIPPINE ISLANDS
	23	05	45	31.5?	12.37	N	125.45	E	33	N	4.3		1.3	7	SAMAR, PHILIPPINE ISLANDS
	23	05	53	52.0*	12.133	N	125.600	E	33	N	4.4		0.7	20	SAMAR, PHILIPPINE ISLANDS
	23	05	55	51.1	12.256	N	125.492	E	33	N	4.9		1.3	64	SAMAR, PHILIPPINE ISLANDS
	23	05	56	56.0*	11.653	N	125.955	E	33	N	4.9		0.8	16	SAMAR, PHILIPPINE ISLANDS
	23	06	00	31.3?	31.54	S	70.42	W	120	G			0.7	12	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	23	06	03	32.2	12.289	N	125.494	E	33	N	4.7		1.0	45	SAMAR, PHILIPPINE ISLANDS
	23	06	26	10.4	12.388	N	125.324	E	33	N	4.4		1.0	29	SAMAR, PHILIPPINE ISLANDS
	23	06	27	20.6?	12.09	N	125.43	E	33	N	4.8		0.9	10	SAMAR, PHILIPPINE ISLANDS
a	23	06	38	11.2	5.954	N	123.818	E	531	D	5.5		1.2	212	MINDANAO, PHILIPPINE ISLANDS. Mw 6.1 (HRV).
	23	07	04	39.6*	41.410	N	22.770	E	5	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 2.4 (THE).
	23	07	21	19.6	12.386	N	125.517	E	29	D	5.4	4.9	1.0	156	SAMAR, PHILIPPINE ISLANDS
	23	07	31	46.4?	11.51	N	124.92	E	33	N	4.6		1.3	8	LEYTE, PHILIPPINE ISLANDS
	23	07	42	45.8	38.536	N	23.601	E	10	G			0.6	13	GREECE. ML 3.0 (ATH).
	23	08	02	35.4*	46.859	S	93.653	W	10	G	4.1	4.7	1.1	20	SOUTHERN PACIFIC OCEAN
	23	08	15	52.3	11.538	N	125.793	E	33	N	4.5		0.7	23	SAMAR, PHILIPPINE ISLANDS
	23	08	16	30.8&	60.633	N	152.846	W	138		2.9			47	SOUTHERN ALASKA. <AEIC>.
	23	08	23	26.8?	7.25	N	34.58	W	10	G	4.9		1.0	12	CENTRAL MID-ATLANTIC RIDGE
	23	08	25	52.0&	36.601	N	121.199	W	7					77	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.3 (GS), 3.1 (BRK).
	23	08	41	36.6&	36.603	N	121.201	W	7		4.4	4.6		181	CENTRAL CALIFORNIA. <GM-P>. MD 4.7 (GM). ML 5.0 (BRK), 4.9 (GS). Mo=2.4*10**16 Nm (BRK). Felt (V) at Soledad; (IV) at Aptos, Hollister and Paicines; (III) at San Miguel and Santa Cruz; (II) at Chualar and Shandon. Felt in Monterey, San Benito and San Luis Obispo Counties. Felt in parts of the southern San Francisco Bay area and as far north as Redwood City. Also felt at Fresno.
	23	08	46	01.3*	5.041	S	154.203	E	123	?	4.2		0.9	12	SOLOMON ISLANDS
	23	08	46	22.1	12.291	N	125.562	E	33	N	4.8	4.8	1.2	64	SAMAR, PHILIPPINE ISLANDS
	23	08	46	39.5*	12.251	N	125.498	E	33	N	4.9		1.3	15	SAMAR, PHILIPPINE ISLANDS
	23	08	51	28.8&	38.759	N	119.710	W	10					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM). ML 2.7 (GS).
	23	08	58	44.9&	36.617	N	121.223	W	7					62	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.3 (BRK).
	23	09	03	35.1	12.339	N	125.387	E	33	N	4.8	4.0	1.1	39	SAMAR, PHILIPPINE ISLANDS
	23	09	07	07.0*	12.132	N	125.497	E	33	N	4.3		1.0	13	SAMAR, PHILIPPINE ISLANDS
	23	09	13	11.7*	12.196	N	125.854	E	33	N	4.3		1.0	21	SAMAR, PHILIPPINE ISLANDS
	23	09	16	33.2	41.290	N	22.635	E	5	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 1.8 (SKO).
	23	09	29	51.7&	50.692	N	129.567	W	10	G	4.1			90	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.3 (PGC).
	23	09	41	34.0*	12.317	N	125.483	E	33	N	4.4		0.9	12	SAMAR, PHILIPPINE ISLANDS
	23	09	43	48.9%	33.716	S	71.561	W	33	N			0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	23	09	45	00.9	12.260	N	125.529	E	33	N	4.7		0.8	24	SAMAR, PHILIPPINE ISLANDS
	23	09	45	49.9?	34.45	S	70.42	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	23	09	56	31.3&	59.905	N	139.122	W	0	G				2	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.8 (PGC), 2.3 (AEIC).
	23	09	57	07.4	51.278	N	179.687	E	33	N	4.7	4.1	0.9	105	RAT ISLANDS, ALEUTIAN ISLANDS
	23	10	26	47.0	12.302	N	125.392	E	33	N	4.3		0.6	19	SAMAR, PHILIPPINE ISLANDS
	23	10	30	14.0*	15.689	S	173.585	W	10	G	4.4		1.0	22	TONGA ISLANDS
	23	10	31	27.1&	36.604	N	121.205	W	6					55	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	23	10	42	13.0	36.360	N	26.534	E	147		3.9		0.9	43	DODECANESE ISLANDS
	23	11	33	00.9&	36.603	N	121.209	W	7					54	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.0 (GS).

	23	12 16	41.9%	42.762	N	18.900	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	23	12 35	11.6*	11.971	N	125.787	E	33	N	4.5		0.6	15	SAMAR, PHILIPPINE ISLANDS
	23	12 43	21.3%	42.765	N	18.896	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	23	13 01	30.7&	36.603	N	121.204	W	6					53	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS).
	23	13 08	02.1*	12.238	N	125.498	E	33	N	4.0		0.6	8	SAMAR, PHILIPPINE ISLANDS
	23	13 13	28.0&	39.571	N	123.062	W	6					35	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.1 (BRK).
	23	13 38	40.4	12.376	N	125.390	E	33	N	4.6		0.8	31	SAMAR, PHILIPPINE ISLANDS
	23	14 04	54.7?	51.67	N	179.74	E	33	N	4.5		1.3	15	RAT ISLANDS, ALEUTIAN ISLANDS
a	23	14 07	54.3	12.249	N	125.580	E	40	D	5.0	4.8	1.2	116	SAMAR, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	23	14 22	34.6	12.309	N	125.639	E	33	N	4.9		1.1	61	SAMAR, PHILIPPINE ISLANDS
	23	15 07	17.1&	36.613	N	121.217	W	7					42	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (GS), 3.1 (BRK).
	23	15 08	12.8?	11.55	N	125.84	E	33	N	4.0		1.5	9	SAMAR, PHILIPPINE ISLANDS
	23	15 11	25.4*	12.265	N	125.655	E	33	N	4.1		1.2	16	SAMAR, PHILIPPINE ISLANDS
	23	15 27	06.9*	11.618	N	126.033	E	33	N	4.1		0.8	10	PHILIPPINE ISLANDS REGION
	23	15 56	13.2?	12.19	N	125.54	E	33	N	4.5		1.2	9	SAMAR, PHILIPPINE ISLANDS
	23	16 05	57.9%	40.459	N	23.912	E	5	G			0.4	6	GREECE. ML 2.1 (THE).
	23	16 22	30.5*	54.006	S	137.098	W	10	G	4.1	4.0	1.2	13	PACIFIC-ANTARCTIC RIDGE
	23	16 24	42.9&	60.618	N	152.045	W	77					41	SOUTHERN ALASKA. <AEIC>.
	23	16 31	18.0	38.909	N	108.317	W	5	G			0.7	9	COLORADO. ML 2.7 (GS). Felt in the Grand Junction area.
	23	16 47	39.1	28.058	N	139.855	E	414		4.4		0.9	59	BONIN ISLANDS REGION
	23	16 59	27.4%	40.502	N	23.975	E	5	G			0.3	7	GREECE. ML 2.3 (THE).
	23	17 14	14.9*	58.767	S	25.200	W	33	N	4.4		1.0	32	SOUTH SANDWICH ISLANDS REGION
	23	17 29	45.3&	36.590	N	121.189	W	7					43	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (GS), 3.0 (BRK).
	23	17 40	57.6?	12.29	N	126.32	E	33	N	4.4		0.9	8	PHILIPPINE ISLANDS REGION
	23	18 11	42.9	12.274	N	125.619	E	33	N	4.5	4.4	1.2	51	SAMAR, PHILIPPINE ISLANDS
	23	18 19	50.9*	12.355	N	125.460	E	33	N	4.2		0.9	9	SAMAR, PHILIPPINE ISLANDS
	23	18 36	24.2	12.274	N	125.513	E	33	N	4.4		1.0	36	SAMAR, PHILIPPINE ISLANDS
	23	18 43	14.1*	11.585	N	125.801	E	33	N	4.5		0.9	20	SAMAR, PHILIPPINE ISLANDS
	23	18 50	55.4*	12.349	N	125.581	E	33	N	4.1		1.3	16	SAMAR, PHILIPPINE ISLANDS
	23	19 06	50.6	11.794	N	125.732	E	33	N	4.6		1.1	29	SAMAR, PHILIPPINE ISLANDS
	23	19 14	55.4?	12.36	N	125.76	E	33	N	4.1		1.6	6	SAMAR, PHILIPPINE ISLANDS
	23	19 19	22.3?	16.73	S	173.43	W	33	N	4.3		1.0	28	TONGA ISLANDS
	23	19 56	13.6	4.824	S	154.303	E	416	D	4.7		1.0	66	SOLOMON ISLANDS
	23	20 14	49.5*	12.172	N	41.613	E	10	G	4.2		0.6	19	ETHIOPIA
a	23	20 28	47.6	12.368	N	125.455	E	27	D	5.1	4.5	0.9	130	SAMAR, PHILIPPINE ISLANDS. Mw 5.3 (HRV).
	23	20 51	24.0*	12.488	N	125.429	E	33	N	4.1		1.1	13	SAMAR, PHILIPPINE ISLANDS
	23	21 00	26.5?	12.18	N	125.48	E	33	N	3.7		1.0	5	SAMAR, PHILIPPINE ISLANDS
	23	21 19	48.0*	51.402	N	179.660	E	33	N	4.5		0.9	10	RAT ISLANDS, ALEUTIAN ISLANDS
	23	21 22	52.6&	36.601	N	121.209	W	9					71	CENTRAL CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK), 3.5 (GS).
	23	22 05	23.6&	58.109	N	154.497	W	68					14	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
	23	22 34	07.4&	36.621	N	121.227	W	7					43	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.2 (GS). Double event.
	23	23 00	53.0?	43.84	N	7.41	E	10	G			0.4	4	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG).
	23	23 14	58.0?	44.34	N	147.30	E	33	N	4.5		1.0	26	KURIL ISLANDS
	23	23 33	44.2	11.749	N	125.843	E	33	N	4.7	4.7	0.8	56	SAMAR, PHILIPPINE ISLANDS
a	23	23 55	40.7	5.247	N	72.476	W	33	N	5.3	4.7	1.0	233	COLOMBIA. Mw 5.3 (HRV).
	23	23 58	03.8*	5.918	N	94.777	E	143	?	4.5		0.7	16	NORTHERN SUMATERA, INDONESIA
	24	00 29	41.3	5.241	N	72.409	W	33	N	4.6		0.7	58	COLOMBIA
	24	00 39	39.5	44.676	N	7.275	E	9				0.7	27	NORTHERN ITALY. ML 2.7 (GEN), 2.6 (LDG).
	24	01 12	59.5*	35.700	N	139.921	E	83	*	4.4		0.7	16	NEAR S. COAST OF HONSHU, JAPAN
	24	01 26	25.0*	21.880	S	65.980	W	278	*	4.0		1.3	14	SOUTHERN BOLIVIA
	24	01 50	25.8	11.800	N	125.852	E	33	N	4.7		0.8	38	SAMAR, PHILIPPINE ISLANDS
	24	01 51	31.9	43.793	N	7.542	E	5	G			0.7	11	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG), 2.1 (GEN).
	24	01 59	42.4?	36.91	N	72.26	E	107	?	4.2		0.9	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	24	02 39	56.4*	12.179	N	125.662	E	33	N	4.7		1.0	7	SAMAR, PHILIPPINE ISLANDS
	24	03 06	34.6	51.221	N	179.493	E	33	N	4.4		0.9	38	RAT ISLANDS, ALEUTIAN ISLANDS
	24	03 11	55.1%	38.975	N	3.627	W	10	G			0.8	5	SPAIN. mbLg 2.8 (MDD).
	24	04 29	01.4	29.889	N	88.253	E	33	N	4.6		1.1	53	XIZANG
	24	04 32	20.1*	12.546	N	125.966	E	33	N	4.3		0.9	7	SAMAR, PHILIPPINE ISLANDS
	24	04 57	22.3?	52.00	N	16.45	E	10	G			0.5	5	POLAND. ML 2.9 (MOX).
	24	05 30	45.7?	12.00	N	127.33	E	33	N	4.2		1.2	5	PHILIPPINE ISLANDS REGION
	24	06 04	16.1%	44.856	N	7.659	E	13	*			0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
a	24	06 08	08.5	12.226	N	125.840	E	30	D	5.3	4.8	1.0	162	SAMAR, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
	24	06 23	15.4	39.271	N	16.428	E	10	G			1.1	39	SOUTHERN ITALY. ML 3.9 (TTG).
	24	07 18	25.6*	52.140	N	169.715	W	33	N	4.5		0.7	15	FOX ISLANDS, ALEUTIAN ISLANDS
	24	07 26	49.4*	11.581	N	125.726	E	33	N	4.3		1.2	15	SAMAR, PHILIPPINE ISLANDS
	24	08 02	53.9%	43.592	N	7.458	E	10	G			0.7	15	NEAR SOUTH COAST OF FRANCE. ML 4.0 (ROM).
	24	08 04	39.2?	51.80	N	165.64	W	33	N	4.2		0.6	9	SOUTH OF ALEUTIAN ISLANDS
	24	08 23	41.5*	27.816	N	142.787	E	33	N	4.2		1.0	18	BONIN ISLANDS REGION
	24	09 12	55.2*	5.674	S	146.362	E	75		4.0		1.1	16	EASTERN NEW GUINEA REG., P.N.G.
	24	10 03	53.9	24.519	N	121.855	E	25	D	4.5		1.2	51	TAIWAN. Felt at Hsin-chu, Hua-lien and Tai-pei.
	24	10 55	47.8%	37.214	N	3.713	W	10	G			0.8	6	SPAIN. mbLg 2.4 (MDD).
	24	11 03	16.0*	2.540	S	137.992	E	49	?	4.3		0.8	12	IRIAN JAYA, INDONESIA
	24	11 07	55.6*	30.002	N	88.181	E	39	?	4.1		0.6	10	XIZANG
	24	11 32	27.4?	34.54	S	70.75	W	100	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	24	13 06	41.0?	12.25	N	125.55	E	33	N	4.2		1.5	9	SAMAR, PHILIPPINE ISLANDS
	24	13 52	29.1*	12.325	N	125.545	E	33	N	4.2		0.8	14	SAMAR, PHILIPPINE ISLANDS
	24	14 18	25.0	40.555	N	23.685	E	5	G			0.8	9	GREECE. ML 2.2 (THE).
	24	14 35	11.5?	34.59	S	70.30	W	5	G			0.3	6	CHILE-ARGENTINA BORDER REGION
	24	14 36	59.5%	40.259	N	23.094	E	5	G			0.6	7	GREECE. ML 2.0 (THE).
	24	15 29	40.4*	67.010	N	21.360	E	10	G			1.0	6	SWEDEN. MD 2.7 (BER).
	24	15 39	42.2	12.385	N	125.420	E	33	N	4.8	4.4	1.0	69	SAMAR, PHILIPPINE ISLANDS
a	24	16 13	11.4	22.736	N	102.906	E	33	N	4.7	5.0	1.2	66	YUNNAN, CHINA. Mw 5.2 (HRV).
	24	16 14	11.4&	60.257	N	152.531	W	98					48	SOUTHERN ALASKA. <AEIC>.
	24	16 16	07.5	8.957	N	82.833	W	30		4.1		1.0	11	PANAMA-COSTA RICA BORDER REGION. MD 4.4 (UPA). Felt strongly at Cerro Punta, Panama.
	24	16 31	46.2%	33.742	S	70.638	W	10	G			0.9	7	CHILE-ARGENTINA BORDER REGION
	24	16 55	28.3?	11.70	N	126.01	E	33	N	3.9		1.0	9	PHILIPPINE ISLANDS REGION
	24	17 04	45.3	12.483	N	125.386	E	24	D	5.4	5.2	0.9	184	SAMAR, PHILIPPINE ISLANDS. Mw 5.7 (HRV).

	24	17	34	45.5	12.433	N	125.462	E	33	N	4.6		1.0	41	SAMAR, PHILIPPINE ISLANDS
	24	17	59	44.4*	43.479	N	84.307	E	33	N	3.8		0.6	15	NORTHERN XINJIANG, CHINA
	24	18	51	33.1?	44.45	N	7.29	E	5	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	24	19	03	13.0	12.427	N	125.353	E	33	N	4.7		0.7	29	SAMAR, PHILIPPINE ISLANDS
	24	19	06	29.3?	34.45	S	70.43	W	10	G			0.2	5	CHILE-ARGENTINA BORDER REGION
	24	20	20	07.4*	53.546	N	153.693	E	533	?	3.7		0.5	15	SEA OF OKHOTSK
	24	20	40	20.9?	10.72	N	62.62	W	33	N			1.0	5	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	24	20	46	31.0%	33.166	S	70.331	W	12	*			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	24	21	00	50.4	21.906	S	67.367	W	170	D	4.8		1.3	69	CHILE-BOLIVIA BORDER REGION
	24	21	52	43.0*	12.367	N	125.251	E	33	N	3.7		0.6	7	SAMAR, PHILIPPINE ISLANDS
	24	22	29	38.6	12.227	N	125.591	E	33	N	4.7		0.8	49	SAMAR, PHILIPPINE ISLANDS
	24	22	46	13.3*	4.055	S	154.358	E	504	?	4.2		0.8	22	SOLOMON ISLANDS
	24	23	17	12.3*	11.908	N	125.678	E	33	N	4.2		0.9	14	SAMAR, PHILIPPINE ISLANDS
	24	23	17	59.0	37.169	N	34.893	E	33	N	4.4		0.8	63	TURKEY
	25	00	30	56.6	46.474	N	13.097	E	10	G			1.1	18	AUSTRIA. MD 2.8 (LJU), 2.5 (TRI). ML 2.8 (LDG), 2.5 (VIE).
	25	00	33	27.1	46.424	N	13.033	E	10	G			1.1	21	AUSTRIA. MD 2.9 (LJU), 2.5 (TRI). ML 2.8 (LDG), 2.5 (VIE).
	25	00	51	41.7*	38.246	N	38.612	E	10	G	3.6		0.9	21	TURKEY
	25	01	45	14.4%	34.062	S	70.017	W	5	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	25	02	32	58.8&	63.581	N	150.976	W	11		3.8			64	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 4.0 (PMR).
	25	02	54	43.1&	61.031	N	151.380	W	64		3.0			65	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.2 (PMR).
	25	03	08	49.7%	45.267	N	6.774	E	10	G			0.4	5	FRANCE. ML 2.0 (GEN).
	25	03	39	12.8*	11.719	N	126.410	E	33	N	4.5		1.2	11	PHILIPPINE ISLANDS REGION
	25	04	23	38.7*	47.532	N	154.803	E	33	N	4.3		0.8	17	KURIL ISLANDS
	25	04	37	51.2?	50.08	N	175.78	E	33	N	3.6		0.7	6	RAT ISLANDS, ALEUTIAN ISLANDS
	25	05	12	22.6*	12.302	N	125.318	E	33	N	4.6		1.2	35	SAMAR, PHILIPPINE ISLANDS
	25	05	22	27.2*	11.583	N	126.250	E	33	N	4.4		0.9	7	PHILIPPINE ISLANDS REGION
	25	05	43	15.5	11.797	N	125.601	E	29	D	4.9	4.4	1.0	54	SAMAR, PHILIPPINE ISLANDS
a	25	06	15	00.3	5.902	S	147.417	E	22	G	5.6	5.7	1.0	241	EASTERN NEW GUINEA REG., P.N.G. Mw 6.0 (GS), 6.0 (HRV). ML 6.0 (PMG). Ms 5.6 (BRK). Mo=1.1*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	25	06	50	09.5%	47.118	N	6.417	E	10	G			0.8	6	FRANCE. ML 2.2 (LDG).
	25	07	00	48.3*	12.502	N	125.386	E	33	N	4.4		1.1	11	SAMAR, PHILIPPINE ISLANDS
	25	07	30	22.1?	7.07	S	127.24	E	33	N	3.3		1.2	7	BANDA SEA
	25	07	44	43.4&	63.001	N	151.092	W	125					55	CENTRAL ALASKA. <AEIC>.
	25	07	45	26.5	12.209	N	125.548	E	33	N	4.4		0.7	38	SAMAR, PHILIPPINE ISLANDS
	25	08	02	07.0	6.238	S	147.491	E	67		4.2		1.2	22	EASTERN NEW GUINEA REG., P.N.G.
	25	08	02	24.4%	38.159	N	1.738	W	10	G			0.8	9	SPAIN. mbLg 3.0 (MDD).
	25	08	29	02.5	22.669	N	120.689	E	42	D	5.0	5.1	0.9	128	TAIWAN. Felt (IV JMA) at Kao-hsiung and Ping-tung, (III JMA) at Tai-nan and (II JMA) at Chia-i.
	25	08	59	23.3?	51.15	N	179.08	E	33	N	4.1		0.4	13	RAT ISLANDS, ALEUTIAN ISLANDS
a	25	09	12	46.2	12.373	N	125.345	E	25	D	5.4	5.4	1.0	194	SAMAR, PHILIPPINE ISLANDS. Mw 5.6 (HRV).
	25	10	04	27.5	42.973	N	145.357	E	33	N	4.5		0.8	29	HOKKAIDO, JAPAN REGION
	25	10	29	48.8*	66.436	N	13.235	E	10	G			1.3	9	NORTHERN NORWAY. ML 2.0 (NAO).
	25	10	36	25.5?	2.32	N	126.56	E	33	N	4.3		1.5	6	NORTHERN MOLUCCA SEA
	25	10	38	03.5&	58.999	N	150.080	W	55		4.5			87	GULF OF ALASKA. <AEIC>. ML 3.7 (AEIC), 3.6 (PMR).
	25	11	17	10.4?	34.44	S	70.38	W	10	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	25	11	51	20.5%	40.406	N	23.256	E	5	G			0.8	6	GREECE
	25	11	56	32.3*	8.068	S	158.539	E	86	?	4.3		1.0	23	SOLOMON ISLANDS
	25	11	59	02.2	28.571	S	69.067	W	96	*	4.4		1.1	30	CHILE-ARGENTINA BORDER REGION
	25	12	26	05.5*	11.639	N	125.930	E	33	N	4.2		0.5	11	SAMAR, PHILIPPINE ISLANDS
	25	12	35	33.4	30.226	N	138.550	E	427	*	4.2		0.7	27	SOUTH OF HONSHU, JAPAN
	25	12	37	20.1?	34.49	S	70.38	W	5	G			0.6	8	CHILE-ARGENTINA BORDER REGION
	25	12	58	41.6&	63.097	N	151.065	W	124		2.7			77	CENTRAL ALASKA. <AEIC>.
	25	13	02	57.6	45.932	N	5.990	E	10	G			0.8	22	FRANCE. ML 3.0 (LDG). MD 3.0 (STR).
	25	13	03	53.4%	38.297	N	3.397	W	10	G			0.7	6	SPAIN. mbLg 2.7 (MDD).
	25	13	09	14.1%	28.583	N	34.945	E	10	G			0.4	5	EGYPT
	25	13	19	21.0*	59.597	N	18.290	E	10	G			0.7	8	SWEDEN. ML 2.2 (NAO).
a	25	13	32	51.6	40.199	N	143.799	E	30	D	5.0	4.9	1.0	118	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV).
	25	13	48	58.8	40.220	N	143.810	E	25	D	5.0	4.9	0.9	127	OFF EAST COAST OF HONSHU, JAPAN
	25	13	49	14.0?	16.23	S	72.08	W	33	N			0.6	4	NEAR COAST OF PERU. Felt (III) at Arequipa.
	25	14	07	26.6	12.399	N	125.435	E	33	N	4.8		1.0	69	SAMAR, PHILIPPINE ISLANDS
	25	15	04	51.1%	28.315	N	34.655	E	10	G			0.5	4	EGYPT
	25	15	08	43.1%	44.648	N	6.820	E	13	*			0.2	7	FRANCE. ML 2.0 (GEN).
	25	15	14	41.7?	37.95	N	29.13	E	10	G			0.3	4	TURKEY. MD 3.8 (ATH).
	25	15	31	17.0%	28.587	N	34.937	E	10	G			0.2	5	EGYPT
	25	15	46	53.8	12.424	N	125.600	E	26	D	4.7		1.0	76	SAMAR, PHILIPPINE ISLANDS
	25	15	49	32.7?	13.26	N	91.21	W	33	N			0.4	7	NEAR COAST OF GUATEMALA
	25	16	11	06.3?	6.76	S	129.87	E	132	?	4.1		1.4	12	BANDA SEA
	25	16	16	03.3*	43.922	N	5.978	W	10	G			1.0	7	SPAIN. mbLg 3.7 (MDD).
	25	16	18	52.2*	34.758	N	22.732	E	10	G			1.2	12	CENTRAL MEDITERRANEAN SEA. MD 3.6 (ATH).
	25	16	19	58.2*	40.109	N	144.202	E	10	G	4.0		1.2	14	OFF EAST COAST OF HONSHU, JAPAN
	25	16	27	46.2	11.698	N	126.024	E	33	N	4.8		1.0	51	PHILIPPINE ISLANDS REGION
	25	16	37	49.7	12.445	N	125.493	E	33	N	4.6	4.0	1.0	43	SAMAR, PHILIPPINE ISLANDS
	25	16	46	02.9?	50.94	N	179.41	E	33	N	4.5		0.8	7	RAT ISLANDS, ALEUTIAN ISLANDS
	25	17	37	23.6	51.673	N	16.162	E	10	G			0.8	9	POLAND. ML 2.5 (CLL).
	25	18	12	56.4?	28.32	N	34.61	E	10	G			0.2	5	EGYPT
	25	18	33	01.5	8.535	S	121.729	E	52	*	4.1		1.2	23	FLORES REGION, INDONESIA
	25	19	17	49.4&	61.277	N	151.442	W	68					45	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	25	19	29	30.6	51.693	N	16.255	E	10	G			0.7	11	POLAND
	25	20	14	42.1*	5.543	N	126.209	E	98	?	4.1		0.9	14	MINDANAO, PHILIPPINE ISLANDS
	25	20	41	08.1	37.084	N	71.663	E	116		4.6		1.1	72	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	21	18	27.7%	46.950	N	6.772	E	10	G			0.4	5	SWITZERLAND. ML 2.2 (LDG).
	25	21	23	56.6%	46.954	N	6.702	E	10	G			0.1	5	SWITZERLAND. ML 1.8 (LDG).
	25	21	30	28.6%	46.958	N	6.794	E	10	G			0.2	5	SWITZERLAND. ML 1.7 (LDG).
	25	22	24	20.5%	36.743	N	2.978	W	10	G			0.9	10	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	25	22	30	24.2	38.938	N	21.702	E	10	G			0.8	14	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	25	22	47	12.0?	12.65	S	165.57	E	33	N	4.1		1.3	9	SANTA CRUZ ISLANDS
	25	22	53	02.6*	8.112	S	67.968	E	10	G	3.9	4.2	0.7	12	MID-INDIAN RIDGE
	26	00	05	19.8&	63.049	N	150.458	W	108		2.3			54	CENTRAL ALASKA. <AEIC>.
	26	00	26	15.1*	1.138	S	23.614	W	10	G	4.5		1.3	29	CENTRAL MID-ATLANTIC RIDGE
	26	00	44	26.2	1.013	N	126.933	E	52	?	4.7		1.0	40	NORTHERN MOLUCCA SEA

	26	01 03 57.3*	18.066	N	100.349	W	33	N	3.5		1.2	11	GUERRERO, MEXICO
	26	01 11 52.8*	16.371	N	94.285	W	153	*	4.0		1.2	10	OAXACA, MEXICO
	26	01 41 45.3*	38.046	N	28.855	E	10	G			0.4	6	TURKEY. MD 3.8 (ATH).
	26	01 56 36.7	12.444	N	125.388	E	33	N	4.8		0.9	73	SAMAR, PHILIPPINE ISLANDS
	26	02 23 24.6	11.909	N	125.534	E	33	N	4.8	4.4	0.8	52	SAMAR, PHILIPPINE ISLANDS
	26	02 43 34.2	40.298	N	19.945	E	5	G			0.9	25	ALBANIA. MD 3.4 (ATH). ML 3.3 (THE), 3.2 (TTG).
	26	02 51 06.0?	34.92	S	71.23	W	70	G			0.5	5	NEAR COAST OF CENTRAL CHILE
	26	03 32 26.4	34.048	S	70.249	W	10	G			1.0	13	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	26	03 46 32.8	28.895	N	103.778	E	33	N	4.9	4.4	1.1	99	SICHUAN, CHINA
	26	03 47 24.3?	51.75	N	16.44	E	10	G			1.4	5	POLAND
	26	03 51 46.8%	44.354	N	7.326	E	14	*			0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
	26	04 21 36.8	22.773	S	69.382	W	71	D	5.0		0.8	71	NORTHERN CHILE
	26	04 37 36.2%	40.689	N	22.685	E	5	G			0.6	8	GREECE. ML 2.0 (THE).
	26	04 52 19.2%	33.951	S	71.327	W	50	G			0.4	9	NEAR COAST OF CENTRAL CHILE
	26	05 03 14.0?	30.75	S	72.10	W	33	N			0.5	13	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	26	05 10 26.5	1.070	S	103.268	E	33	N	4.4	4.2	0.7	21	SOUTHERN SUMATERA, INDONESIA
	26	06 36 27.1%	33.149	S	70.276	W	110	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	26	07 12 47.4%	47.134	N	6.780	E	5	G			1.0	8	FRANCE. ML 2.3 (LDG).
	26	07 47 01.9&	59.562	N	152.627	W	91					74	SOUTHERN ALASKA. <AEIC>.
	26	08 55 57.9	85.194	N	12.519	E	10	G	4.6	4.5	1.2	51	NORTH OF SVALBARD
	26	10 33 50.6%	34.103	S	70.119	W	10	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	26	10 48 17.5?	50.75	N	159.16	E	33	N	5.0		1.2	9	EAST OF KURIL ISLANDS
	26	10 51 03.1&	38.772	N	119.698	W	4					48	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (GS), 3.2 (BRK).
	26	11 46 12.4	37.054	N	49.530	E	33	N	4.8		1.0	36	CASPIAN SEA. Felt in the Rasht area, Iran.
	26	12 02 36.6	52.078	N	152.662	E	434		4.3		0.6	40	NORTHWEST OF KURIL ISLANDS
	26	12 25 23.3&	62.144	N	148.029	W	32					63	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
	26	12 39 13.8	43.972	N	7.267	E	10	G			0.3	14	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	26	13 57 40.9?	51.26	N	176.35	W	33	N	4.1		1.6	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	26	15 18 02.1?	36.24	N	139.77	E	75	?	4.5		0.2	8	EASTERN HONSHU, JAPAN
	26	15 21 57.4&	60.130	N	152.320	W	78					63	SOUTHERN ALASKA. <AEIC>.
	26	15 22 24.3&	41.227	N	125.301	W	8		2.7			54	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.5 (GS), 3.5 (BRK).
	26	15 45 29.6?	31.98	S	70.65	W	110	G			0.6	7	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	26	16 03 23.6%	16.068	N	61.196	W	10	G			0.5	5	LEEWARD ISLANDS. ML 2.2 (FDF).
	26	17 19 48.9	85.162	N	13.322	E	10	G	4.7	4.2	1.4	29	NORTH OF SVALBARD
	26	19 19 31.9	35.478	N	73.145	E	33	N	4.5		1.0	13	NORTHWESTERN KASHMIR
	26	19 51 21.6*	31.974	S	71.080	W	80	G			0.2	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	26	20 02 41.0	34.736	N	26.217	E	66	*	3.8		1.2	30	CRETE. MD 4.0 (ATH).
	26	20 11 20.8	32.700	N	102.388	E	33	N	4.1		0.9	7	SICHUAN, CHINA. ML 4.0 (BJI).
	26	21 00 49.3?	50.34	N	19.00	E	10	G			1.1	4	POLAND
	26	22 46 27.0	37.248	N	105.718	E	33	N	4.2		1.0	24	WESTERN NEI MONGOL, CHINA. ML 4.4 (BJI).
	26	23 10 41.3?	0.59	S	126.92	E	33	N	4.2		1.2	6	SOUTHERN MOLUCCA SEA
	26	23 49 07.5*	33.621	S	70.067	W	116	*			0.7	15	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	27	00 33 26.3?	43.72	N	7.81	E	10	G			0.3	7	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	27	00 42 35.4&	36.690	N	89.480	W	5	G				17	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.8 (SLM). mbLg 2.7 (GS).
	27	02 03 16.3	1.607	S	127.448	E	33	N	5.0		1.1	49	HALMAHERA, INDONESIA
	27	02 08 04.8?	42.10	N	8.12	W	10	G			1.1	4	SPAIN. mbLg 3.1 (MDD).
	27	02 32 18.4	12.567	S	42.548	E	10	G	4.8		0.9	57	NORTHWEST OF MADAGASCAR
	27	03 04 04.2	57.548	N	156.041	W	103		4.3		0.6	62	ALASKA PENINSULA
	27	03 14 04.0	12.332	N	125.522	E	26	D	4.7	4.1	1.0	45	SAMAR, PHILIPPINE ISLANDS
	27	03 23 27.0&	36.618	N	121.226	W	1					11	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	27	04 12 42.5*	51.685	N	173.742	W	33	N	4.2	3.4	0.5	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	27	04 19 16.7*	12.205	N	125.518	E	33	N	4.2		0.5	6	SAMAR, PHILIPPINE ISLANDS
	27	04 35 59.7?	34.15	S	70.04	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	27	05 12 31.9?	34.51	S	70.35	W	10	G			0.1	5	CHILE-ARGENTINA BORDER REGION
	27	06 00 20.2?	47.31	N	10.99	E	10	G			0.1	4	AUSTRIA. ML 1.6 (VIE).
	27	06 41 38.5%	42.091	N	19.169	E	10	G			0.5	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a	27	06 42 18.8	18.127	N	101.642	W	37	D	5.0	4.4	1.0	108	GUERRERO, MEXICO. Mw 5.2 (HRV).
	27	06 59 16.0	38.662	N	20.994	E	5	G			0.9	6	GREECE. MD 3.0 (ATH).
	27	07 19 35.9	41.264	N	22.599	E	5	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 2.1 (SKO). Felt (III) in the Pirava-Valandovo area.
	27	08 21 44.7?	44.10	N	7.42	E	10	G			0.4	8	NORTHERN ITALY. ML 2.1 (LDG).
	27	08 51 17.2*	31.309	S	69.695	W	140	G			0.5	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	27	09 41 38.8?	15.93	N	99.50	W	26	*	3.5		1.0	7	OFF COAST OF GUERRERO, MEXICO
	27	09 49 37.8&	38.770	N	119.700	W	1					25	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (GS), 3.0 (BRK).
	27	09 50 50.1	12.250	N	125.566	E	26	D	4.7	4.2	1.0	43	SAMAR, PHILIPPINE ISLANDS
a	27	10 58 44.6	1.226	N	85.261	W	33	N	4.9	4.4	1.2	36	OFF COAST OF ECUADOR. Mw 5.1 (HRV).
a	27	11 47 20.7	1.192	N	85.166	W	33	N	5.2		1.0	103	OFF COAST OF ECUADOR. Mw 5.4 (HRV).
	27	12 17 24.1	11.729	N	125.609	E	33	N	4.7	4.3	0.9	34	SAMAR, PHILIPPINE ISLANDS
a	27	12 44 41.2	1.297	N	85.031	W	20	G	5.3	6.0	1.4	167	OFF COAST OF ECUADOR. Mw 6.1 (GS), 6.2 (HRV). Ms 6.0 (BRK). Mo=5.3*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	27	13 19 05.8&	67.057	N	160.528	W	10	G	3.3			32	NORTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.8 (PMR).
	27	13 27 58.4?	18.12	N	67.45	W	33	N			0.2	5	MONA PASSAGE
	27	14 53 53.9&	49.335	N	127.802	W	10	G	3.6			56	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.1 (PGC).
	27	15 16 54.4	39.497	N	21.124	E	10	G			0.5	6	GREECE. MD 2.9 (ATH).
	27	15 59 32.6	42.488	S	18.700	W	10	G	5.1		0.9	44	SOUTHERN MID-ATLANTIC RIDGE
	27	16 31 31.1?	60.86	N	5.15	E	10	G			0.3	4	SOUTHERN NORWAY. MD 1.5 (BER).
	27	17 00 40.6?	50.41	N	18.95	E	10	G			0.7	4	POLAND. MG 2.6 (BRA).
	27	18 59 06.8?	33.16	S	70.28	W	10	G			0.3	4	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	18 59 19.2&	61.910	N	149.746	W	47					42	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	27	19 49 34.2%	38.592	N	3.874	W	10	G			0.6	16	SPAIN. mbLg 2.9 (MDD).
	27	19 55 58.1&	38.088	N	112.419	W	5	G				27	UTAH. <SLC-P>. MD 3.7 (SLC). ML 3.9 (GS).
	27	20 34 29.7?	22.03	S	67.92	W	306	?	4.3		0.1	5	CHILE-BOLIVIA BORDER REGION
	27	22 01 53.2	31.628	S	72.138	W	31		4.8		0.8	21	OFF COAST OF CENTRAL CHILE. MD 4.9 (SAN).
	27	22 13 29.6*	39.421	N	20.995	E	5	G			1.1	7	GREECE-ALBANIA BORDER REGION. ML 2.3 (THE).
	27	22 56 37.4&	61.044	N	148.255	W	15		2.9			56	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
	27	23 32 52.8?	22.00	S	67.07	W	201	?	3.9		1.5	5	CHILE-BOLIVIA BORDER REGION
	28	00 14 22.9*	31.874	S	71.856	W	33	N			0.8	13	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	28	00 43 30.3&	63.027	N	150.689	W	125					72	CENTRAL ALASKA. <AEIC>.

	28	01 00 27.2*	39.137	N	70.501	E	33	N	4.2		1.2	16	TAJIKISTAN
	28	01 08 41.9?	35.91	N	71.28	E	33	N	4.4		0.9	11	PAKISTAN
	28	01 29 31.7?	37.10	N	4.03	W	10	G			0.2	4	SPAIN. mbLg 2.0 (MDD).
	28	01 49 22.1*	28.031	N	55.045	E	33	N	4.2		0.9	11	SOUTHERN IRAN
a	28	02 04 19.1	31.640	S	71.963	W	32		5.1	5.2	0.9	69	NEAR COAST OF CENTRAL CHILE. Mw 5.2 (HRV). MD 5.1 (SAN).
	28	02 36 10.1	44.469	N	7.337	E	13				0.3	17	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
	28	02 56 59.0&	33.779	N	118.128	W	15					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.3 (PAS). Felt at Long Beach.
	28	03 13 47.6?	32.12	S	71.07	W	80	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
	28	03 23 31.2	44.976	N	9.141	E	26				1.1	33	NORTHERN ITALY. ML 2.7 (GEN), 2.7 (LDG).
	28	03 29 08.6?	29.18	S	72.08	W	33	N			1.3	13	OFF COAST OF CENTRAL CHILE
	28	03 45 31.5*	44.930	N	9.406	E	16				0.7	17	NORTHERN ITALY. ML 2.4 (GEN), 2.2 (LDG).
	28	03 56 58.0*	32.333	S	69.881	W	130	G			0.4	11	MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
	28	04 35 14.4?	45.41	N	6.39	E	10	G			0.1	5	FRANCE
a	28	04 43 24.5	13.509	S	167.200	E	196	D	5.2		1.0	189	VANUATU ISLANDS. Mw 5.5 (HRV).
	28	05 30 30.6	6.500	N	125.989	E	150	*	4.5		0.9	33	MINDANAO, PHILIPPINE ISLANDS
	28	05 55 50.8*	5.387	S	149.238	E	168		4.3		0.8	12	NEW BRITAIN REGION, P.N.G.
	28	06 25 26.7	34.966	N	27.869	E	23		4.3		1.1	73	EASTERN MEDITERRANEAN SEA. MD 4.3 (ATH).
	28	06 34 26.4*	2.407	N	99.141	E	167	*	4.2		0.9	30	NORTHERN SUMATERA, INDONESIA
	28	06 35 47.7&	59.280	N	147.840	W	31					45	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	28	07 27 07.3	51.678	N	179.884	E	33	N	4.6	4.6	1.0	112	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR).
	28	07 28 33.6?	43.66	N	7.34	E	10	G			0.1	4	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
	28	07 42 48.8	51.501	N	179.883	W	33	N	4.2		1.0	25	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
	28	07 49 17.5?	51.79	N	179.90	W	33	N	4.2		0.9	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	28	08 00 21.2*	20.633	S	178.340	W	548	?	3.9		0.6	9	FIJI ISLANDS REGION
	28	08 03 09.6*	24.809	N	95.307	E	137	*	4.4		0.5	10	MYANMAR
	28	08 52 18.5	51.636	N	179.902	E	33	N	4.4	4.5	0.9	72	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	28	09 05 19.3	12.259	N	125.559	E	33	N	4.4		0.7	26	SAMAR, PHILIPPINE ISLANDS
	28	09 39 58.5*	51.830	N	179.878	E	33	N	4.1		0.7	14	RAT ISLANDS, ALEUTIAN ISLANDS
a	28	09 59 16.0	21.405	S	174.337	W	9	G	5.7	5.3	1.0	217	TONGA ISLANDS. Mw 5.5 (GS), 5.5 (HRV). Ms 5.4 (BRK). Mo=2.7*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	28	10 06 22.6?	51.25	N	179.47	W	33	N	4.0		0.2	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	28	11 29 46.7	54.062	N	163.295	W	33	N	4.6	4.7	0.8	65	UNIMAK ISLAND REGION. ML 4.8 (PMR).
	28	11 38 02.3*	12.475	N	126.245	E	33	N	3.9		0.5	16	PHILIPPINE ISLANDS REGION
	28	11 42 44.0	54.005	N	163.330	W	33	N	4.2		0.9	31	UNIMAK ISLAND REGION
	28	12 16 31.8	53.989	N	163.150	W	33	N	4.5		1.3	37	UNIMAK ISLAND REGION. ML 4.2 (PMR).
	28	12 19 55.1	12.136	N	125.694	E	33	N	4.5		0.9	36	SAMAR, PHILIPPINE ISLANDS
	28	13 05 43.1	12.230	N	125.455	E	33	N	4.3		0.6	25	SAMAR, PHILIPPINE ISLANDS
	28	13 13 45.1?	8.39	N	83.13	W	10	G			0.3	4	COSTA RICA. MD 4.1 (UPA).
	28	13 24 03.6	41.183	N	21.958	E	5	G			0.4	9	NORTHWESTERN BALKAN REGION
	28	13 39 16.0?	8.62	N	82.56	W	33	N			0.3	4	PANAMA-COSTA RICA BORDER REGION. MD 3.7 (UPA).
	28	14 02 51.0	4.650	S	103.274	E	63	?	4.8		0.5	30	SOUTHERN SUMATERA, INDONESIA
	28	14 58 06.3*	25.115	S	178.617	E	607	*	4.4		0.7	28	SOUTH OF FIJI ISLANDS
	28	15 35 46.1	40.194	N	20.427	E	10	G			0.6	9	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
a	28	16 30 00.7	44.072	N	148.004	E	29	G	6.5	6.8	0.9	571	KURIL ISLANDS. Mw 6.9 (GS), 6.9 (HRV). Ms 6.6 (BRK). Mo=3.7*10**19 Nm (OBN), 3.9*10**19 Nm (PPT). Felt (VII) on Kunashir and Iturup, (V) on Shikotan and (IV) at Kurilsk, Iturup. Two events about 8 seconds apart. Depth from broadband displacement seismograms, based on first event.
	28	16 55 16.6	44.022	N	148.187	E	33	N	4.9		0.8	118	KURIL ISLANDS
a	28	17 08 43.2	44.091	N	148.074	E	35	D	6.1	6.3	0.9	449	KURIL ISLANDS. Mw 6.2 (HRV).
	28	17 12 56.3&	34.537	S	70.381	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	28	17 14 34.6&	34.489	S	70.382	W	5	G			0.5	9	CHILE-ARGENTINA BORDER REGION
	28	17 44 13.5	1.904	S	55.622	E	10	G	5.2		0.9	112	SOUTH INDIAN OCEAN
	28	17 59 24.3	44.084	N	148.045	E	33	N	4.7		0.8	57	KURIL ISLANDS
	28	18 12 45.1*	44.213	N	147.954	E	72	D	4.1		0.7	20	KURIL ISLANDS
	28	18 29 07.0*	32.659	S	71.549	W	20	G			0.7	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	28	18 39 09.6	51.612	N	16.222	E	8				0.7	21	POLAND. ML 3.9 (GRF), 3.8 (VIE).
	28	18 53 00.1?	51.87	N	179.93	E	33	N	4.3		1.3	4	RAT ISLANDS, ALEUTIAN ISLANDS
	28	19 41 28.2?	21.57	S	175.30	W	259	?	4.0		0.9	18	TONGA ISLANDS
	28	19 46 13.8	43.240	N	147.137	E	33	N	4.5		1.0	11	KURIL ISLANDS
	28	20 03 15.9	39.171	N	20.336	E	21				1.1	28	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH). ML 3.3 (THE).
	28	20 34 55.9	44.181	N	147.797	E	33	N	4.2		1.0	19	KURIL ISLANDS
	28	20 39 30.4*	43.802	N	148.146	E	33	N	4.2		1.1	25	EAST OF KURIL ISLANDS
	28	20 52 49.8?	32.42	S	70.76	W	80	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	28	21 11 17.3?	28.77	N	34.59	E	10	G			0.4	5	EGYPT
	28	21 14 51.7	44.101	N	148.101	E	33	N	4.8	3.9	0.9	109	KURIL ISLANDS
	28	21 14 56.0&	61.288	N	147.020	W	28		3.7			95	SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.8 (PMR).
	28	21 46 32.6	43.627	N	148.411	E	38	D	5.0	4.7	0.8	116	EAST OF KURIL ISLANDS
	28	22 29 53.2*	6.201	S	73.276	W	33	N	5.0		1.2	20	PERU-BRAZIL BORDER REGION
	28	23 10 04.1	43.056	N	0.656	W	10	G			1.1	12	PYRENEES. ML 2.2 (LDG).
	28	23 22 01.6&	44.550	N	7.279	E	10	G			0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	28	23 33 26.3	44.762	N	6.936	E	5	G			0.5	17	FRANCE. ML 2.5 (GEN), 2.4 (LDG).
	28	23 54 29.4?	40.19	N	141.98	E	33	N	4.5		0.7	8	NEAR EAST COAST OF HONSHU, JAPAN
	29	00 24 35.7*	24.237	S	69.879	W	56	D	4.2		1.2	17	NORTHERN CHILE
	29	01 02 46.3&	35.471	N	27.638	E	10	G			1.1	5	DODECANESE ISLANDS. MD 3.7 (ATH).
	29	01 32 36.7?	48.89	S	108.53	E	10	G	4.4		1.2	15	SOUTHEAST INDIAN RIDGE
	29	02 17 02.2	48.833	S	108.565	E	10	G	4.5		1.2	19	SOUTHEAST INDIAN RIDGE
	29	02 29 51.8*	12.090	N	125.468	E	33	N	4.4		0.6	15	SAMAR, PHILIPPINE ISLANDS
	29	02 45 28.4	10.253	N	70.007	W	33	N	4.4		1.4	33	VENEZUELA. Felt strongly at Barquisimeto, Carora and El Tocuyo.
	29	03 36 39.9?	33.28	S	72.35	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	29	03 47 42.3*	53.979	N	163.646	W	33	N	4.3		0.8	24	UNIMAK ISLAND REGION. ML 4.0 (PMR).
a	29	04 35 26.2	44.007	N	147.954	E	33	D	5.4	4.7	0.8	298	KURIL ISLANDS. Mw 5.1 (HRV).
	29	04 45 38.3&	61.485	N	146.665	W	23					34	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	06 01 31.4&	60.589	N	147.168	W	6					52	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	06 22 41.7	7.255	S	156.172	E	46	D	4.8		0.9	61	SOLOMON ISLANDS
	29	06 29 43.9	58.199	N	142.768	W	10	G	2.9		0.6	30	GULF OF ALASKA. ML 2.6 (AEIC).
	29	06 54 49.0*	31.651	S	72.256	W	33	N			0.8	15	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).

	29	07	04	19.0&	39.840	N	120.740	W	9				28	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	29	07	37	39.7%	36.671	N	2.793	W	10	G		0.9	17	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). Felt (III) in the Adra area, Spain.
	29	07	56	39.6?	38.40	N	21.85	E	10	G		0.6	4	GREECE. MD 2.7 (ATH).
	29	08	01	06.6*	15.833	S	172.719	W	33	N	4.9 4.9	1.2	75	SAMOA ISLANDS REGION
	29	08	03	56.0	40.486	N	21.857	E	5	G		0.4	6	GREECE
	29	09	24	03.5%	44.477	N	7.054	E	10	G		0.1	5	NORTHERN ITALY. ML 1.5 (GEN).
a	29	09	43	57.7	11.853	N	125.982	E	15	G	5.5 6.0	1.1	240	SAMAR, PHILIPPINE ISLANDS. Mw 6.1 (GS), 6.0 (HRV). Ms 5.9 (BRK). Mo=1.7*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	29	09	50	41.9&	60.302	N	152.212	W	98				51	SOUTHERN ALASKA. <AEIC>.
	29	10	07	57.1*	11.864	N	125.895	E	33	N	4.0	1.0	11	SAMAR, PHILIPPINE ISLANDS
	29	10	30	23.3	43.794	N	7.545	E	10	G		0.3	12	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 2.1 (GEN).
	29	11	15	10.2?	33.28	S	72.48	W	33	N		0.7	10	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	29	11	24	25.9*	69.461	N	31.896	E	10	G		0.5	6	NORWAY-RUSSIA BORDER REGION. ML 2.5 (NAO).
	29	11	43	49.2*	51.174	N	15.820	E	10	G		1.0	5	POLAND. ML 2.5 (MOX).
	29	11	50	52.5	1.315	S	28.605	E	10	G	5.1 4.9	1.2	138	ZAIRE
	29	11	54	57.6?	85.03	N	22.97	E	10	G	3.2	1.3	6	NORTH OF SVALBARD
	29	13	03	06.0%	39.741	N	23.924	E	5	G		0.6	8	AEGEAN SEA
	29	13	17	02.9*	39.682	N	23.894	E	5	G		0.3	9	AEGEAN SEA
a	29	13	58	27.5	32.891	S	178.620	W	33	N	5.2 5.3	1.0	49	SOUTH OF KERMADEC ISLANDS. Mw 5.3 (HRV). Ms 5.3 (BRK).
a	29	13	58	33.1	11.781	N	125.990	E	33	N	4.7 4.7	0.9	67	SAMAR, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
	29	14	02	55.9	11.626	N	125.775	E	33	N	4.9	1.1	61	SAMAR, PHILIPPINE ISLANDS
	29	14	31	26.4?	33.78	S	71.85	W	33	N		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	29	14	44	27.2*	51.371	N	15.981	E	10	G		0.9	7	POLAND. ML 2.4 (CLL).
	29	14	57	09.7?	4.34	S	130.71	E	218	?	4.4	1.1	9	BANDA SEA
	29	15	02	12.3&	34.384	N	116.456	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	29	15	16	28.7	44.064	N	147.830	E	33	N	4.2	0.9	30	KURIL ISLANDS
	29	15	30	41.7?	34.17	S	70.02	W	10	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	29	15	38	12.3	11.877	N	125.828	E	32	D	4.8	0.9	81	SAMAR, PHILIPPINE ISLANDS
	29	16	30	47.8	42.903	N	1.596	W	27			1.0	53	PYRENEES. ML 3.6 (LDG). mbLg 3.2 (MDD). Felt (IV) in the Pamplona area, Spain.
	29	16	45	24.2	1.025	S	120.918	E	33	N	4.7 4.7	1.2	49	SULAWESI, INDONESIA
	29	16	49	13.3?	54.01	N	163.62	W	33	N	3.3	1.3	8	UNIMAK ISLAND REGION
	29	16	49	57.1?	31.81	S	71.98	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	29	16	52	56.7	12.235	N	125.609	E	39	D	4.8 4.4	0.8	90	SAMAR, PHILIPPINE ISLANDS
	29	17	04	50.1&	38.806	N	122.807	W	5				8	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	29	17	40	31.2*	42.214	N	7.264	W	10	G		0.7	5	SPAIN. mbLg 2.6 (MDD).
	29	17	42	53.2%	43.117	N	18.698	E	10	G		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	29	17	43	21.2	42.934	N	1.596	W	22			0.6	37	PYRENEES. ML 3.4 (LDG). mbLg 3.1 (MDD). Felt (III) in the Pamplona area, Spain.
	29	18	17	08.2	4.365	S	121.546	E	33	N	4.5	1.1	24	SULAWESI, INDONESIA
a	29	18	35	47.4	30.133	N	131.050	E	33	D	4.9 4.8	1.2	133	KYUSHU, JAPAN. Mw 5.3 (HRV).
	29	18	44	20.1*	31.478	S	69.448	W	160	G		0.5	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (SAN).
	29	19	13	41.0	44.970	N	9.062	E	28			1.0	33	NORTHERN ITALY. ML 2.8 (LDG), 2.7 (GEN).
	29	19	13	54.1	45.032	N	9.153	E	5	G		0.9	28	NORTHERN ITALY. ML 3.1 (GEN), 3.0 (LDG).
	29	19	36	07.5	42.887	N	1.593	W	5	G		0.8	17	PYRENEES. ML 3.0 (LDG). mbLg 2.9 (MDD). Felt (III) in the Pamplona area, Spain.
	29	20	27	24.3	11.521	N	125.906	E	33	N	4.1	1.0	25	SAMAR, PHILIPPINE ISLANDS
	29	20	34	50.8	30.024	N	131.073	E	33	N	4.6 4.2	1.0	59	KYUSHU, JAPAN
	29	21	39	47.9*	12.331	N	126.320	E	33	N	4.0	0.7	17	PHILIPPINE ISLANDS REGION
	29	21	41	04.2	31.118	N	130.361	E	207	*	4.4	1.0	68	KYUSHU, JAPAN
	29	22	13	28.9?	43.78	N	7.44	E	10	G		0.2	4	NEAR SOUTH COAST OF FRANCE. ML 1.7 (LDG).
	29	22	16	19.7?	28.59	N	34.93	E	10	G		0.1	4	EGYPT
	29	23	37	53.1?	33.18	S	178.39	W	33	N	4.5	1.0	10	SOUTH OF KERMADEC ISLANDS
	29	23	44	26.8	36.313	N	26.801	E	136			1.3	39	DODECANESE ISLANDS
	30	00	08	32.1%	44.437	N	7.380	E	10	G		1.3	9	NORTHERN ITALY. ML 1.7 (GEN).
	30	00	40	12.9*	36.438	N	9.659	W	10	G		0.9	7	WEST OF GIBRALTAR. MD 3.1 (RBA).
	30	00	46	13.8	37.819	N	139.185	E	51	*	4.0	0.8	24	EASTERN HONSHU, JAPAN
	30	01	09	17.2	11.897	N	125.984	E	42	D	5.1 5.0	1.1	158	SAMAR, PHILIPPINE ISLANDS
	30	01	29	40.5	11.863	N	125.936	E	35	D	4.9	1.0	97	SAMAR, PHILIPPINE ISLANDS
	30	01	44	11.2	0.060	N	124.266	E	125	*	4.7	1.0	30	MINAHASSA PENINSULA, SULAWESI
	30	01	51	43.0	11.701	N	125.667	E	33	N	4.6	1.1	38	SAMAR, PHILIPPINE ISLANDS
	30	02	06	58.7&	60.307	N	150.953	W	50				78	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
	30	02	21	08.7?	37.84	N	2.48	W	10	G		0.4	4	SPAIN. mbLg 2.4 (MDD).
	30	02	21	43.3%	37.840	N	2.563	W	10	G		0.8	10	SPAIN. mbLg 2.9 (MDD).
	30	02	22	29.9?	5.68	S	148.29	E	33	N	3.8	1.0	9	NEW BRITAIN REGION, P.N.G.
	30	02	22	30.8?	34.50	S	70.38	W	10	G		0.0	5	CHILE-ARGENTINA BORDER REGION
a	30	02	55	40.2	16.778	S	176.985	E	43	D	5.1 5.6	1.2	130	FIJI ISLANDS REGION. Mw 5.9 (GS), 5.9 (HRV). Ms 5.6 (BRK). Mo=1.5*10**18 Nm (PPT).
	30	03	50	21.1	12.595	N	125.364	E	33	N	4.5	0.8	45	SAMAR, PHILIPPINE ISLANDS
	30	04	29	35.3	34.676	N	25.792	E	22		4.2	1.2	123	CRETE. ML 4.2 (ATH).
	30	04	41	16.9?	15.64	N	60.95	W	10	G		0.6	4	LEEWARD ISLANDS
	30	05	00	40.7*	21.775	S	178.750	W	428	*	3.8	1.0	23	FIJI ISLANDS REGION
	30	06	00	27.8	12.213	N	125.595	E	33	N	4.6	1.1	53	SAMAR, PHILIPPINE ISLANDS
	30	06	04	08.6*	12.113	N	125.521	E	33	N	4.5	1.1	15	SAMAR, PHILIPPINE ISLANDS
	30	06	58	23.9	39.721	N	20.708	E	10	G		0.7	14	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.7 (THE).
	30	07	32	31.5	11.634	N	125.738	E	33	N	4.6 4.2	0.9	52	SAMAR, PHILIPPINE ISLANDS
	30	07	50	32.1*	40.400	N	21.827	E	5	G		1.3	7	GREECE. ML 3.8 (THE).
	30	07	55	58.0	11.759	N	125.636	E	33	N	4.3	0.8	36	SAMAR, PHILIPPINE ISLANDS
	30	10	00	42.7*	44.886	N	147.298	E	33	N	4.0	1.2	20	KURIL ISLANDS
	30	10	46	29.3	3.171	S	130.368	E	10	G	4.7 4.4	1.2	37	SERAM, INDONESIA
	30	10	53	07.0	43.737	N	148.285	E	33	N	4.6	1.0	72	EAST OF KURIL ISLANDS
	30	11	05	39.8	27.874	S	66.968	W	158	*	4.3	1.1	26	CATAMARCA PROVINCE, ARGENTINA
a	30	11	50	13.7	21.507	S	174.480	W	33	N	4.8 4.9	1.0	48	TONGA ISLANDS. Mw 5.2 (HRV).
	30	11	58	12.9?	43.89	N	146.75	E	33	N	4.6	0.6	9	KURIL ISLANDS
	30	12	00	26.3	11.660	N	125.934	E	33	N	4.6	0.8	34	SAMAR, PHILIPPINE ISLANDS
	30	12	19	37.7*	51.630	N	173.187	W	33	N	4.0	1.1	10	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	12	26	08.3	10.321	N	94.155	E	17	D	4.2	0.7	16	ANDAMAN ISLANDS, INDIA
	30	12	48	34.9	21.533	S	174.407	W	33	N	4.5	1.1	18	TONGA ISLANDS
	30	12	50	54.1?	19.16	N	69.23	W	33	N	3.2	0.5	8	DOMINICAN REPUBLIC REGION

30	13	00	00.7?	45.43	N	7.13	E	5	G		0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
30	13	00	11.8%	44.494	N	7.324	E	10	G		0.3	7	NORTHERN ITALY. ML 2.2 (GEN).
30	13	40	59.7*	11.596	N	125.676	E	33	N	4.3	0.7	21	SAMAR, PHILIPPINE ISLANDS
30	14	36	05.3*	11.005	N	93.463	E	132	?	4.1	1.0	16	ANDAMAN ISLANDS, INDIA
30	14	47	01.4	79.252	N	3.883	E	10	G	3.8	0.9	26	GREENLAND SEA
30	15	07	20.7	1.854	S	55.565	E	10	G	4.6	0.6	51	SOUTH INDIAN OCEAN
30	15	17	42.0%	42.339	N	18.402	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
30	15	23	47.1	1.877	S	55.514	E	10	G	4.7	0.7	49	SOUTH INDIAN OCEAN
30	15	52	20.1	44.076	N	148.023	E	29	*	4.6	0.9	57	KURIL ISLANDS
30	16	11	57.0*	1.759	S	55.570	E	10	G	4.4	0.7	23	SOUTH INDIAN OCEAN
30	16	20	58.1*	2.363	S	55.550	E	10	G	4.6	0.8	14	SOUTH INDIAN OCEAN
30	16	23	12.4&	41.724	N	112.298	W	1				10	UTAH. <SLC-P>. ML 3.4 (SLC).
30	16	38	30.5%	32.821	S	70.995	W	60	G		0.3	9	CHILE-ARGENTINA BORDER REGION
30	16	44	58.2*	33.503	S	70.905	W	76	*		1.1	15	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
30	17	39	47.3?	14.01	N	145.48	E	150	*	4.6	1.2	14	MARIANA ISLANDS
30	18	25	02.9%	40.154	N	23.711	E	5	G		0.2	8	GREECE. ML 2.0 (THE).
30	19	01	45.1?	38.83	N	21.19	E	5	G		0.4	4	GREECE. MD 2.7 (ATH).
30	19	04	40.8?	38.84	N	21.41	E	5	G		0.3	4	GREECE. MD 2.8 (ATH).
30	19	22	39.3?	12.41	N	95.42	E	33	N	4.1	1.4	10	ANDAMAN ISLANDS, INDIA
30	19	42	35.8&	36.746	N	121.452	W	9				34	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
30	20	11	04.5	38.875	N	21.171	E	5	G		0.5	16	GREECE. MD 2.9 (ATH). ML 2.5 (THE).
30	21	04	30.7?	11.44	S	166.26	E	64	?	4.1	1.0	17	SANTA CRUZ ISLANDS
30	21	12	41.9	39.745	N	20.713	E	5	G		0.8	16	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 2.8 (THE).
30	21	16	19.9%	36.335	N	27.558	E	10	G		1.5	5	DODECANESE ISLANDS. MD 3.7 (ATH).
30	21	27	47.2	11.988	N	125.770	E	32	D	4.5 3.9	0.7	42	SAMAR, PHILIPPINE ISLANDS
30	21	38	04.9	8.132	N	93.924	E	33	N	4.3	0.9	31	NICOBAR ISLANDS, INDIA
30	23	24	51.4	39.734	N	20.658	E	10	G		0.7	8	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH). ML 2.3 (THE).
30	23	27	56.9	50.063	N	155.567	E	77	D	4.3	0.9	71	KURIL ISLANDS
30	23	39	32.1%	43.955	N	7.728	E	10	G		0.2	5	NEAR SOUTH COAST OF FRANCE. ML 1.6 (GEN).
30	23	46	41.2	39.711	N	20.636	E	5	G		1.3	13	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).

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 03 49 33.55 37.925N 139.186E 11km
5.8mb (177 obs.) 4.9Msz (36 obs.)
EASTERN HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=60 Slip= 90
NP2: 20 30 90
Principal Axes:
T Plg=75 Azm=110
P 15 290
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 1.7±0.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 23
Principal Axes:
Scale 10**17 Nm
T Val= 1.09 Plg=76 Azm=161
N 0.01 12 9
P -1.10 6 278
Best Double Couple:Mo=1.1*10**17
NP1:Strike=355 Dip=40 Slip= 71
NP2: 199 53 105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 61C
Centroid Location:
Origin Time 03:49:36.4 0.3
Lat 37.83N 0.04 Lon 139.30E 0.04
Dep 16.0 1.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.53 Plg=65 Azm=161
N -0.13 21 16
P -1.40 13 281
Best Double Couple:Mo=1.5*10**17
NP1:Strike=346 Dip=36 Slip= 53
NP2: 208 61 114

01 05 50 18.46 52.264N 159.043E 30km
5.9mb (192 obs.) 5.6Msz (56 obs.)
OFF EAST COAST OF KAMCHATKA
RADIATED ENERGY
No. of sta: 26 Focal mech. M
Energy 6.0±1.1*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 42 No. of sta: 51
Principal Axes:
Scale 10**17 Nm
T Val= 9.78 Plg=75 Azm=266
N -0.01 12 49
P -9.78 9 141
Best Double Couple:Mo=9.8*10**17
NP1:Strike=244 Dip=38 Slip= 109
NP2: 40 55 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,142C
Centroid Location:
Origin Time 05:50:24.6 0.1
Lat 52.01N 0.01 Lon 159.68E 0.02
Dep 47.6 0.8 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.68 Plg=76 Azm=310
N 1.93 2 213
P -11.61 14 122
Best Double Couple:Mo=1.1*10**18
NP1:Strike=210 Dip=31 Slip= 87
NP2: 34 59 92

01 17 54 02.31 18.354N 146.788E 57km
5.3mb (63 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 25C
Centroid Location:
Origin Time 17:54: 4.9 0.4
Lat 18.60N 0.04 Lon 146.73E 0.06
Dep 71.2 7.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.57 Plg=27 Azm=238
N -0.96 17 337
P -5.60 57 96
Best Double Couple:Mo=6.1*10**16
NP1:Strike=292 Dip=24 Slip=-137
NP2: 162 74 -72

01 18 30 30.35 6.856S 154.515E 33km
4.9mb (25 obs.) 4.9Msz (32 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 23C
Centroid Location:
Origin Time 18:30:32.9 0.8
Lat 6.59S 0.13 Lon 154.18E 0.11
Dep 24.2 6.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.01 Plg=52 Azm=356
N -3.19 17 110
P -4.82 32 211
Best Double Couple:Mo=6.4*10**16
NP1:Strike=346 Dip=20 Slip= 148
NP2: 106 79 72

03 11 54 43.52 24.066N 122.289E 33km
5.6mb (117 obs.) 5.5Msz (41 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 88C
Centroid Location:
Origin Time 11:54:46.3 0.2
Lat 23.83N 0.02 Lon 122.11E 0.03
Dep 24.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.24 Plg=60 Azm=315
N 0.82 14 70
P -4.06 26 166
Best Double Couple:Mo=3.7*10**17
NP1:Strike=285 Dip=23 Slip= 128
NP2: 65 72 76

03 12 50 43.25 0.698N 26.129W 10km
4.8mb (30 obs.) 5.2Msz (7 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S,113C
Centroid Location:
Origin Time 12:50:56.7 0.1
Lat 0.74N 0.02 Lon 25.64W 0.02
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 7.37 Plg= 2 Azm= 41
N -0.43 86 283
P -6.94 4 131
Best Double Couple:Mo=7.2*10**17
NP1:Strike=176 Dip=86 Slip= -1
NP2: 266 89 -176

03 15 43 46.53 20.123S 178.770W 623km
5.0mb (54 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 54C
Centroid Location:
Origin Time 15:43:52.6 0.4
Lat 19.97S 0.03 Lon 178.57W 0.04
Dep 644.4 2.6 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.53 Plg=33 Azm=197
N 0.22 40 75
P -2.76 33 312
Best Double Couple:Mo=2.6*10**17
NP1:Strike=345 Dip=40 Slip= 0
NP2: 75 90 -130

03 22 33 26.02 24.067N 122.303E 26km

5.2mb (85 obs.) 5.0Msz (5 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 18C
Centroid Location:
Origin Time 22:33:27.4 0.6
Lat 24.17N 0.17 Lon 122.67E 0.21
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.34	49	342
N	-0.29	3	248
P	-1.05	41	156

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

	Strike=	Dip=	Slip=
NP1:	217	5	59
NP2:	69	86	93

03 23 26 21.62 54.849S 147.074E 10km
4.6mb (7 obs.) 5.1Msz (3 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 49C
Centroid Location:
Origin Time 23:26:25.4 0.3
Lat 54.92S 0.03 Lon 146.29E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.55	21	34
N	-0.18	63	255
P	-1.37	16	130

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

	Strike=	Dip=	Slip=
NP1:	173	63	4
NP2:	81	87	153

04 02 01 04.69 12.277N 143.486E 22km
5.1mb (32 obs.) 4.7Msz (5 obs.)
SOUTH OF MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 25S, 31C
Centroid Location:
Origin Time 02:01: 3.4 0.4
Lat 12.18N 0.07 Lon 143.77E 0.06
Dep 16.9 3.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.10	8	81
N	-1.60	31	176
P	-5.50	57	339

Best Double Couple:Mo=6.3*10**16

	Strike=	Dip=	Slip=
NP1:	140	46	-136
NP2:	16	60	-53

04 07 10 15.69 33.749N 38.623W 10km
5.2mb (105 obs.) 5.4Msz (37 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,118C
Centroid Location:
Origin Time 07:10:23.8 0.1
Lat 33.89N 0.02 Lon 38.83W 0.02
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.62	8	147
N	0.06	82	348
P	-5.67	3	237

Best Double Couple:Mo=5.7*10**17

	Strike=	Dip=	Slip=
NP1:	282	82	3
NP2:	192	87	172

04 11 39 45.00 6.813S 154.560E 36km
5.1mb (24 obs.) 4.9Msz (8 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 50C
Centroid Location:
Origin Time 11:39:48.1 0.3
Lat 6.86S 0.04 Lon 154.50E 0.04
Dep 19.0 2.0 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	13.62	65	7
N	-1.10	13	125
P	-12.52	21	220

Best Double Couple:Mo=1.3*10**17

	Strike=	Dip=	Slip=
NP1:	332	26	120
NP2:	120	68	76

04 17 21 05.63 6.126N 126.975E 100km
5.4mb (66 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,115C
Centroid Location:
Origin Time 17:21: 8.7 0.1
Lat 6.13N 0.01 Lon 126.97E 0.02
Dep 108.9 1.3 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.51	59	291
N	-1.11	9	185
P	-4.40	30	90

Best Double Couple:Mo=5.0*10**17

	Strike=	Dip=	Slip=
NP1:	154	18	57
NP2:	8	75	100

05 08 47 54.25 6.308S 105.186E 78km
5.1mb (32 obs.)
SUNDA STRAIT
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 14C
Centroid Location:
Origin Time 08:47:56.3 0.9
Lat 6.40S FIX;Lon 105.08E FIX
Dep 88.110.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.72	68	34
N	-1.36	22	221
P	-4.37	2	130

Best Double Couple:Mo=5.0*10**16

	Strike=	Dip=	Slip=
NP1:	199	47	59
NP2:	60	51	118

05 14 52 00.47 27.553N 139.832E 475km
5.0mb (98 obs.)
BONIN ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 19C
Centroid Location:
Origin Time 14:52: 5.6 1.3
Lat 27.45N 0.13 Lon 139.75E 0.08
Dep 491.7 5.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.14	18	52
N	1.43	22	149
P	-6.57	61	285

Best Double Couple:Mo=5.9*10**16

	Strike=	Dip=	Slip=
NP1:	111	33	-132
NP2:	339	66	-66

05 23 50 10.53 41.166S 85.559E 10km
4.5mb (12 obs.) 4.9Msz (3 obs.)
SOUTHEAST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 39C
Centroid Location:
Origin Time 23:50:19.3 0.5
Lat 40.94S 0.05 Lon 85.47E 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.92	1	359
N	-0.31	78	94
P	-7.61	12	269

Best Double Couple:Mo=7.8*10**16

	Strike=	Dip=	Slip=
NP1:	44	81	-172
NP2:	313	83	-9

06 05 02 16.66 15.417S 166.230E 28km
5.5mb (52 obs.) 5.3Msz (31 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,118C
Centroid Location:
Origin Time 05:02:21.2 0.2
Lat 15.54S 0.02 Lon 166.23E 0.02
Dep 34.5 1.9 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.14	31	149
N	-0.95	53	6
P	-3.19	18	250

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

	Strike=	Dip=	Slip=
NP1:	293	55	10
NP2:	197	82	144

06 15 39 11.97 6.251S 147.649E 103km
4.9mb (20 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 18C
Centroid Location:
Origin Time 15:39:16.4 0.9
Lat 6.09S 0.07 Lon 147.70E 0.08
Dep 117.4 4.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.19	42	62
N	1.10	1	331
P	-6.29	48	239

Best Double Couple:Mo=5.7*10**16

	Strike=	Dip=	Slip=
NP1:	173	3	-68
NP2:	331	87	-91

06 16 59 53.44 4.877S 133.896E 28km
5.0mb (32 obs.) 4.4Msz (4 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 16C
Centroid Location:
Origin Time 16:59:54.2 1.3
Lat 4.68S 0.19 Lon 133.92E 0.12
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.06	25	287
N	-0.72	10	22
P	-4.35	63	132

Best Double Couple:Mo=4.7*10**16

	Strike=	Dip=	Slip=
NP1:	357	22	-117
NP2:	205	70	-80

06 20 47 48.97 10.927N 125.971E 38km
5.2mb (73 obs.) 4.7Msz (16 obs.)
LEYTE, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 49C
Centroid Location:
Origin Time 20:47:51.6 0.3
Lat 10.85N 0.04 Lon 126.28E 0.03
Dep 25.5 2.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.39	68	253
N	0.67	4	352
P	-12.06	22	83

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

	Strike=	Dip=	Slip=
NP1:	180	23	99
NP2:	350	67	86

07 10 02 00.20 56.700S 26.733W 90km
5.1mb (17 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 52S, 82C
Centroid Location:
Origin Time 10:02: 7.7 0.2
Lat 56.83S 0.02 Lon 26.24W 0.04
Dep 116.9 1.2 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.04	16	356
N	-0.22	54	243
P	-1.83	31	96

Best Double Couple:Mo=1.9*10**17

	Strike=	Dip=	Slip=
NP1:	132	56	-12
NP2:	229	80	-145

07 16 01 24.85 25.597S 70.300W 64km
5.0mb (31 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 23C
Centroid Location:
Origin Time 16:01:28.7 0.5
Lat 25.58S 0.07 Lon 70.53W 0.07
Dep 72.7 7.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.00	27	71
N	0.77	4	163
P	-4.77	63	262

Best Double Couple:Mo=4.4*10**16
NP1:Strike=150 Dip=19 Slip=-103
NP2: 345 72 -86

07 18 53 17.26 3.278N 127.972E 74km
4.9mb (31 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 22S, 34C
Centroid Location:
Origin Time 18:53:20.3 0.5
Lat 3.24N FIX;Lon 127.97E FIX
Dep 61.3 5.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.63 Plg= 8 Azm=138
N -1.18 62 243
P -6.45 26 44
Best Double Couple:Mo=7.0*10**16
NP1:Strike=184 Dip=66 Slip=-166
NP2: 88 77 -25

07 22 06 56.89 15.199S 173.529W 21km
6.8mb (90 obs.) 8.0Msz (46 obs.)
TONGA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=305 Dip=77 Slip= 90
NP2: 125 13 90
Principal Axes:
T Plg=58 Azm=215
P 32 35
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 22 Focal mech. F
Energy 5.4±0.8*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 35
Principal Axes:
Scale 10**20 Nm
T Val= 1.19 Plg=50 Azm=233
N 0.03 15 125
P -1.21 37 24
Best Double Couple:Mo=1.2*10**20
NP1:Strike= 61 Dip=16 Slip= 25
NP2: 307 83 105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
M.W.: 72S,201C
Centroid Location:
Origin Time 22:07:13.5 0.1
Lat 15.37S 0.00 Lon 173.15W 0.01
Dep 87.9 1.0 Half-duration 17.9
Principal Axes:
Scale 10**20 Nm
T Val= 1.34 Plg=49 Azm=190
N -0.13 17 300
P -1.22 36 43
Best Double Couple:Mo=1.3*10**20
NP1:Strike=188 Dip=18 Slip= 159
NP2: 298 84 73

08 14 28 37.85 15.216S 173.319W 33km
5.5mb (54 obs.) 5.3Msz (38 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 49C
Centroid Location:
Origin Time 14:28:44.0 0.3
Lat 14.88S 0.05 Lon 172.98W 0.04
Dep 44.7 4.8 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.96 Plg=41 Azm=168
N 0.20 3 75
P -2.16 49 342
Best Double Couple:Mo=2.1*10**17
NP1:Strike=292 Dip= 5 Slip= -53
NP2: 75 86 -93

08 16 35 35.94 15.302S 173.413W 31km
5.2mb (42 obs.) 5.5Msz (43 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 49C
Centroid Location:
Origin Time 16:35:42.9 0.3
Lat 15.01S 0.05 Lon 173.08W 0.05
Dep 58.4 6.4 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 13.72 Plg=40 Azm=206
N 0.47 17 310
P -14.19 45 58
Best Double Couple:Mo=1.4*10**17
NP1:Strike=229 Dip=17 Slip=-171
NP2: 131 87 -73

08 17 12 54.55 15.351S 173.359W 33km
5.2mb (34 obs.) 5.4Msz (29 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 27C
Centroid Location:
Origin Time 17:12:59.7 0.4
Lat 15.36S 0.08 Lon 172.92W 0.08
Dep 16.7 4.2 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.80 Plg=59 Azm=223
N 0.17 2 130
P -1.97 31 39
Best Double Couple:Mo=1.9*10**17
NP1:Strike=123 Dip=14 Slip= 83
NP2: 311 76 92

08 17 38 37.89 21.612S 170.083E 93km
5.6mb (40 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 30C
Centroid Location:
Origin Time 17:38:42.5 0.3
Lat 21.56S 0.05 Lon 169.60E 0.05
Dep 72.5 4.2 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 6.78 Plg=25 Azm=309
N -0.21 64 113
P -6.56 6 216
Best Double Couple:Mo=6.7*10**17
NP1:Strike=350 Dip=68 Slip= 166
NP2: 86 77 23

08 17 45 12.92 21.833N 142.691E 267km
6.4mb (114 obs.)
MARIANA ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 50 Dip=72 Slip= 65
NP2: 286 30 142
Principal Axes:
T Plg=56 Azm=288
P 23 159
Comment: The focal mechanism is moderately well controlled and corresponds to down-dip tension. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 6.6±1.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 273 No. of sta: 32
Principal Axes:
Scale 10**18 Nm
T Val= 2.54 Plg=59 Azm=294
N 0.00 24 72
P -2.54 19 170
Best Double Couple:Mo=2.5*10**18
NP1:Strike=294 Dip=34 Slip= 137
NP2: 61 68 64
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 64S,158C M.W.: 62S, 97C
Centroid Location:
Origin Time 17:45:19.5 0.1
Lat 21.93N 0.01 Lon 142.68E 0.01
Dep 281.3 0.3 Half-duration 3.2
Principal Axes:
Scale 10**18 Nm
T Val= 2.52 Plg=58 Azm=297
N -0.05 27 80
P -2.48 16 178
Best Double Couple:Mo=2.5*10**18
NP1:Strike=302 Dip=37 Slip= 138
NP2: 67 66 61

08 19 13 52.55 52.171N 159.046E 39km
5.6mb (142 obs.) 4.8Msz (10 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 34C
Centroid Location:
Origin Time 19:13:58.5 0.7
Lat 52.19N FIX;Lon 159.13E FIX
Dep 34.4 6.3 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.59 Plg=63 Azm=323
N -0.60 19 192
P -1.99 19 95
Best Double Couple:Mo=2.3*10**17
NP1:Strike=157 Dip=31 Slip= 51
NP2: 20 66 110

08 22 45 03.25 3.139N 126.933E 38km
5.1mb (36 obs.) 4.9Msz (10 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 40C
Centroid Location:
Origin Time 22:45: 6.5 0.4
Lat 3.12N FIX;Lon 127.12E FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 3.42 Plg=48 Azm=247
N -0.23 8 345
P -3.19 41 82
Best Double Couple:Mo=3.3*10**17
NP1:Strike=229 Dip= 8 Slip= 154
NP2: 345 86 82

09 04 44 50.27 21.796N 121.135E 37km
5.2mb (84 obs.) 5.0Msz (6 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 37C
Centroid Location:
Origin Time 04:44:51.7 0.4
Lat 21.63N 0.07 Lon 120.86E 0.06
Dep 17.9 3.2 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.56 Plg=52 Azm= 35
N -1.09 35 189
P -7.47 13 288
Best Double Couple:Mo=8.0*10**16
NP1:Strike= 55 Dip=45 Slip= 146
NP2: 171 67 51

09 06 35 53.97 0.021N 126.552E 53km
5.2mb (37 obs.) 4.4Msz (1 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S, 71C
Centroid Location:
Origin Time 06:35:58.6 0.3
Lat 0.22N 0.03 Lon 126.59E 0.03
Dep 69.7 3.1 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.51 Plg=62 Azm= 85
N 0.00 6 186
P -1.51 27 279
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 23 Dip=18 Slip= 108
NP2: 184 73 84

10 03 11 13.45 30.376N 130.846E 22km
5.1mb (76 obs.) 4.9Msz (4 obs.)
KYUSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 19C
Centroid Location:
Origin Time 03:11:14.4 0.6
Lat 30.26N 0.11 Lon 130.26E 0.13
Dep 28.4 6.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.26 Plg=14 Azm= 19
N 0.74 12 286
P -5.00 71 157
Best Double Couple:Mo=4.6*10**16
NP1:Strike=126 Dip=33 Slip= -67
NP2: 279 60 -104

11 21 33 06.64 28.299S 176.684W 31km
5.2mb (32 obs.) 5.3Msz (42 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 52C
Centroid Location:
Origin Time 21:33: 9.0 0.3
Lat 28.13S 0.05 Lon 175.98W 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.91	63	301
N	1.06	7	197
P	-10.97	26	104

Best Double Couple:Mo=1.0*10**17
NP1:Strike=179 Dip=20 Slip= 71
NP2: 20 71 97

12 18 22 33.03 2.752N 78.351W 47km
5.2mb (89 obs.) 4.6Msz (2 obs.)
NEAR WEST COAST OF COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 29C
Centroid Location:
Origin Time 18:22:39.4 0.5
Lat 3.02N 0.07 Lon 78.11W 0.08
Dep 54.1 8.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.96	61	36
N	-1.19	29	220
P	-3.77	2	129

Best Double Couple:Mo=4.4*10**16
NP1:Strike=193 Dip=50 Slip= 51
NP2: 65 53 127

13 02 34 37.95 13.446S 170.434E 638km
5.6mb (92 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 68S,164C
Centroid Location:
Origin Time 02:34:42.6 0.1
Lat 13.34S 0.01 Lon 170.71E 0.01
Dep 645.7 0.7 Half-duration 3.1
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.20	2	210
N	-0.28	12	120
P	-1.92	78	308

Best Double Couple:Mo=2.1*10**18
NP1:Strike=312 Dip=45 Slip= -73
NP2: 109 48 -106

13 04 16 07.98 0.592S 124.261E 32km
5.2mb (49 obs.) 5.1Msz (45 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 37C
Centroid Location:
Origin Time 04:16:11.8 0.5
Lat 0.47S 0.05 Lon 124.54E 0.05
Dep 54.9 5.8 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.69	30	352
N	-0.46	59	187
P	-2.23	7	86

Best Double Couple:Mo=2.5*10**17
NP1:Strike=134 Dip=64 Slip= 18
NP2: 36 74 153

13 05 27 24.91 22.252S 170.540E 16km
5.2mb (32 obs.) 5.8Msz (57 obs.)
LOYALTY ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=115 Dip=70 Slip= 90
NP2: 295 20 90
Principal Axes:

	Plg=	Azm=
T	65	25
P	25	205

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 5 Focal mech. C
Energy 4.0±0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 26
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	9.36	76	72
N	-0.18	10	299
P	-9.18	10	207

Best Double Couple:Mo=9.3*10**17
NP1:Strike=285 Dip=36 Slip= 73
NP2: 125 56 102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 65S,148C
Centroid Location:
Origin Time 05:27:32.0 0.1
Lat 22.52S 0.01 Lon 170.54E 0.01
Dep 15.0 BDY Half-duration 2.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.59	67	359
N	-0.09	9	111
P	-1.50	21	204

Best Double Couple:Mo=1.5*10**18
NP1:Strike=310 Dip=25 Slip= 111
NP2: 107 66 80

13 15 00 28.27 5.455N 79.876W 10km
5.0mb (67 obs.) 4.4Msz (26 obs.)
SOUTH OF PANAMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 64C
Centroid Location:
Origin Time 15:00:33.2 0.3
Lat 5.29N 0.03 Lon 79.80W 0.03
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.64	23	303
N	-0.47	65	144
P	-1.17	8	36

Best Double Couple:Mo=1.4*10**17
NP1:Strike= 82 Dip=68 Slip= 11
NP2: 348 80 158

13 19 02 28.37 0.672S 124.228E 33km
5.0mb (39 obs.) 4.3Msz (1 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 19:02:34.6 1.1
Lat 0.57S 0.09 Lon 124.57E 0.11
Dep 25.8 9.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.99	36	346
N	-0.66	46	206
P	-7.34	21	92

Best Double Couple:Mo=7.7*10**16
NP1:Strike=135 Dip=48 Slip= 13
NP2: 36 80 137

13 23 43 54.06 43.823N 147.269E 56km
5.3mb (137 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 60C
Centroid Location:
Origin Time 23:43:57.3 0.3
Lat 43.53N 0.04 Lon 146.97E 0.03
Dep 54.6 3.0 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.16	59	17
N	0.18	27	165
P	-9.34	14	263

Best Double Couple:Mo=9.2*10**16
NP1:Strike= 25 Dip=39 Slip= 137
NP2: 151 64 59

14 00 32 56.17 30.285N 103.347W 18km
5.6mb (135 obs.) 5.7Msz (26 obs.)
WESTERN TEXAS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=40 Slip= -70
NP2: 145 53 -106
Principal Axes:

	Plg=	Azm=
T	7	246
P	76	3

Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 4.3±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 25
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.93	15	207
N	0.01	1	116
P	-3.94	75	21

Best Double Couple:Mo=3.9*10**17
NP1:Strike=299 Dip=30 Slip= -87
NP2: 116 60 -92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 52S,104C
Centroid Location:
Origin Time 00:33: 1.5 0.2
Lat 30.36N 0.02 Lon 103.30W 0.02
Dep 15.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.77	8	205
N	0.10	3	295
P	-3.87	82	44

Best Double Couple:Mo=3.8*10**17
NP1:Strike=292 Dip=37 Slip= -95
NP2: 117 53 -87

14 04 31 47.24 15.251S 70.448W 203km
5.2mb (49 obs.)
SOUTHERN PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 46C
Centroid Location:
Origin Time 04:31:56.7 0.5
Lat 14.95S 0.05 Lon 70.12W 0.05
Dep 205.5 2.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.66	30	124
N	1.71	23	20
P	-11.37	51	259

Best Double Couple:Mo=1.1*10**17
NP1:Strike=261 Dip=26 Slip= -27
NP2: 16 79 -113

14 13 15 17.35 60.774S 20.074W 11km
5.5mb (29 obs.) 5.8Msz (50 obs.)
SOUTHWESTERN ATLANTIC OCEAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=180 Dip=88 Slip= 177
NP2: 270 87 2
Principal Axes:

	Plg=	Azm=
T	4	135
P	1	225

Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	5.94	11	129
N	0.03	73	0
P	-5.97	13	221

Best Double Couple:Mo=6.0*10**18
NP1:Strike=265 Dip=73 Slip= -2
NP2: 355 88 -163
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 71S,178C
Centroid Location:
Origin Time 13:15:25.4 0.1
Lat 61.08S 0.01 Lon 20.21W 0.02
Dep 15.0 FIX Half-duration 3.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.88	8	128
N	0.08	73	11
P	-2.96	15	221

Best Double Couple:Mo=2.9*10**18
NP1:Strike=264 Dip=74 Slip= -5
NP2: 355 85 -164

14 23 07 57.11 37.073S 178.490E 33km
5.4mb (20 obs.)
OFF E. COAST OF N. ISLAND, N.Z.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 39C
Centroid Location:
Origin Time 23:08: 2.5 0.3
Lat 37.08S 0.05 Lon 178.58E 0.07
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.08	70	30
N	-0.57	3	128
P	-5.50	20	219

Best Double Couple:Mo=5.8*10**16
NP1:Strike=314 Dip=26 Slip= 97
NP2: 126 65 87

15 05 36 32.59 43.946N 147.282E 48km
5.4mb (134 obs.) 4.7Msz (32 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 40S, 64C
Centroid Location:
Origin Time 05:36:35.3 0.3
Lat 43.86N 0.04 Lon 147.09E 0.06
Dep 52.1 4.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.28	53	79
N	-1.24	12	185
P	-8.04	35	283

Best Double Couple:Mo=8.7*10**16
NP1:Strike= 56 Dip=15 Slip= 142
NP2: 183 81 78

15 09 49 31.25 5.306S 151.471E 115km
5.1mb (35 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S, 80C
Centroid Location:
Origin Time 09:49:34.3 0.3
Lat 5.38S 0.03 Lon 151.54E 0.03
Dep 99.2 2.3 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.35	48	278
N	-0.26	9	19
P	-1.09	40	117

Best Double Couple:Mo=1.2*10**17
NP1:Strike=265 Dip=10 Slip= 157
NP2: 18 86 81

16 13 23 47.59 9.796S 159.578E 21km
5.6mb (73 obs.) 5.6Msz (55 obs.)
SOLOMON ISLANDS
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 1.6±0.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 25
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.53	39	9
N	0.19	9	271
P	-2.72	49	171

Best Double Couple:Mo=2.6*10**17
NP1:Strike=151 Dip=10 Slip= -30
NP2: 271 85 -99
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,104C
Centroid Location:
Origin Time 13:23:52.7 0.2
Lat 10.10S 0.03 Lon 159.40E 0.03
Dep 22.9 2.2 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.60	32	341
N	0.35	25	88
P	-2.96	47	209

Best Double Couple:Mo=2.8*10**17
NP1:Strike= 19 Dip=27 Slip=-161
NP2: 272 82 -64

16 20 36 09.02 21.017S 174.386W 32km
5.0mb (33 obs.) 4.9Msz (7 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 37C
Centroid Location:
Origin Time 20:36:13.3 0.8
Lat 21.26S 0.06 Lon 173.95W 0.06
Dep 30.0 3.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.21	65	322
N	-0.05	12	206
P	-7.16	22	111

Best Double Couple:Mo=7.2*10**16
NP1:Strike=180 Dip=25 Slip= 61
NP2: 31 68 103

17 01 14 16.68 8.527S 156.612E 12km
5.8mb (73 obs.) 5.9Msz (66 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=301 Dip=74 Slip= 90
NP2: 121 16 90
Principal Axes:

	Plg=	Azm=
T	61	211
P	29	31

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 25
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.98	52	249
N	-0.13	28	117
P	-7.85	24	14

Best Double Couple:Mo=7.9*10**17
NP1:Strike= 62 Dip=32 Slip= 30
NP2: 306 74 119
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,143C
Centroid Location:
Origin Time 01:14:22.1 0.1
Lat 8.78S 0.02 Lon 156.91E 0.01
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.69	70	265
N	2.41	17	115
P	-10.10	9	22

Best Double Couple:Mo=8.9*10**17
NP1:Strike= 92 Dip=39 Slip= 62
NP2: 307 57 111

17 07 14 35.22 33.763N 38.576W 10km
5.8mb (157 obs.) 5.7Msz (50 obs.)
NORTHERN MID-ATLANTIC RIDGE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 15 Dip=88 Slip=-178
NP2: 285 88 -2
Principal Axes:

	Plg=	Azm=
T	0	330
P	3	240

Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 2.0±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 2 No. of sta: 42
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.10	1	323
N	-0.04	79	58
P	-2.06	11	233

Best Double Couple:Mo=2.1*10**18
NP1:Strike= 9 Dip=82 Slip=-173
NP2: 278 83 -8
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,152C
Centroid Location:
Origin Time 07:14:42.3 0.1
Lat 33.84N 0.01 Lon 38.61W 0.01
Dep 15.0 FIX Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.80	12	146
N	0.02	77	349
P	-1.82	5	237

Best Double Couple:Mo=1.8*10**18
NP1:Strike=282 Dip=78 Slip= 5
NP2: 191 85 168

17 08 52 20.81 55.663S 27.425W 33km
5.2mb (12 obs.) 5.1Msz (21 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 19C
Centroid Location:
Origin Time 08:52:27.3 1.1
Lat 55.38S 0.15 Lon 27.84W 0.19
Dep 33.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.04	14	191
N	-0.15	75	38
P	-1.89	7	283

Best Double Couple:Mo=2.0*10**17
NP1:Strike=328 Dip=75 Slip= 5
NP2: 237 85 165

17 14 27 28.99 11.340S 166.271E 52km
5.2mb (55 obs.) 5.1Msz (33 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S, 92C
Centroid Location:
Origin Time 14:27:32.0 0.2
Lat 11.48S 0.02 Lon 165.95E 0.02
Dep 49.2 1.3 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.80	81	298
N	-0.10	5	177
P	-1.70	7	86

Best Double Couple:Mo=1.8*10**17
NP1:Strike=171 Dip=38 Slip= 83
NP2: 0 52 96

17 23 28 06.89 45.928N 151.283E 23km
6.1mb (221 obs.) 6.4Msz (72 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=66 Slip= 90
NP2: 205 24 90
Principal Axes:

	Plg=	Azm=
T	69	295
P	21	115

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 31 Focal mech. F
Energy 4.5±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 48
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.17	68	286
N	-0.20	4	186
P	-0.97	22	95

Best Double Couple:Mo=1.1*10**19
NP1:Strike=177 Dip=23 Slip= 80
NP2: 8 67 94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S,116C M.W.: 65S,155C
Centroid Location:
Origin Time 23:28:16.0 0.0
Lat 45.80N 0.00 Lon 151.46E 0.01
Dep 41.5 0.3 Half-duration 5.8
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.49	66	279
N	0.02	11	34
P	-1.51	22	128

Best Double Couple:Mo=1.5*10**19
NP1:Strike=238 Dip=25 Slip= 116
NP2: 29 67 78

18 03 49 37.07 2.061S 140.457E 20km
5.9mb (91 obs.) 5.6Msz (57 obs.)
NEAR NORTH COAST OF IRIAN JAYA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=260 Dip=62 Slip= -42
NP2: 13 54 -144
Principal Axes:

T Plg= 5 Azm=318
P 49 223
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: 14 Focal mech. F
Energy 1.0±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 10 No. of sta: 14
Principal Axes:
Scale 10**17 Nm
T Val= 7.80 Plg=10 Azm=169
N -0.05 26 263
P -7.75 62 59
Best Double Couple:Mo=7.8*10**17
NP1:Strike=231 Dip=42 Slip=-131
NP2: 100 60 -60
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,133C
Centroid Location:
Origin Time 03:49:44.2 0.1
Lat 2.06S 0.02 Lon 140.38E 0.02
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.62 Plg=13 Azm=344
N -0.31 10 252
P -1.32 73 124
Best Double Couple:Mo=1.5*10**18
NP1:Strike= 88 Dip=33 Slip= -71
NP2: 245 59 -102

18 05 23 58.72 45.829N 151.444E 33km
5.7mb (159 obs.) 5.1Msz (56 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 69C
Centroid Location:
Origin Time 05:24: 2.9 0.4
Lat 46.02N 0.05 Lon 151.86E 0.06
Dep 37.8 3.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.56 Plg=66 Azm=337
N 0.19 11 221
P -2.75 21 127
Best Double Couple:Mo=2.7*10**17
NP1:Strike=199 Dip=26 Slip= 65
NP2: 46 67 102

18 16 23 36.47 54.235S 136.596W 10km
5.1mb (16 obs.) 5.4Msz (38 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S,109C
Centroid Location:
Origin Time 16:23:44.7 0.1
Lat 54.16S 0.02 Lon 136.65W 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 3.56 Plg= 0 Azm=155
N 0.68 90 180
P -4.24 0 65
Best Double Couple:Mo=3.9*10**17
NP1:Strike=200 Dip=90 Slip=-180
NP2: 290 90 0

18 19 01 33.90 7.286N 134.624E 33km
5.2mb (51 obs.) 4.9Msz (42 obs.)
WESTERN CAROLINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 50C
Centroid Location:
Origin Time 19:01:34.4 0.4
Lat 7.34N 0.06 Lon 134.40E 0.05
Dep 28.3 3.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.65 Plg=71 Azm=309
N 2.95 0 219
P -11.60 19 129
Best Double Couple:Mo=1.0*10**17
NP1:Strike=219 Dip=26 Slip= 90
NP2: 39 64 90

19 03 50 04.61 44.046N 148.144E 26km
5.9mb (163 obs.) 5.4Msz (63 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=70 Slip= 90
NP2: 200 20 90
Principal Axes:
T Plg=65 Azm=290
P 25 110
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 3.1±0.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 27
Principal Axes:
Scale 10**17 Nm
T Val= 5.15 Plg=60 Azm=286
N -0.73 2 193
P -4.42 29 102
Best Double Couple:Mo=4.8*10**17
NP1:Strike=187 Dip=16 Slip= 83
NP2: 14 74 92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,126C
Centroid Location:
Origin Time 03:50:10.2 0.1
Lat 44.07N 0.02 Lon 148.37E 0.02
Dep 36.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.93 Plg=65 Azm=268
N 0.24 13 30
P -5.17 20 125
Best Double Couple:Mo=5.1*10**17
NP1:Strike=237 Dip=27 Slip= 120
NP2: 24 67 75

20 05 54 02.45 4.475N 126.425E 86km
5.0mb (50 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 18C
Centroid Location:
Origin Time 05:54: 5.1 0.7
Lat 4.55N 0.07 Lon 126.48E 0.09
Dep 94.8 5.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.96 Plg= 3 Azm=328
N 1.38 57 233
P -8.34 33 60
Best Double Couple:Mo=7.7*10**16
NP1:Strike= 99 Dip=65 Slip= -23
NP2: 199 70 -153

20 08 45 11.67 6.279N 126.777E 94km
6.2mb (138 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 17 Dip=52 Slip= 137
NP2: 137 57 47
Principal Axes:
T Plg=55 Azm=350
P 3 256
Comment: The focal mechanism is moderately well controlled. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 5.5±1.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 88 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 7.97 Plg=53 Azm=333
N 2.05 35 169
P -10.02 8 74
Best Double Couple:Mo=9.0*10**18
NP1:Strike=130 Dip=48 Slip= 39
NP2: 12 62 131
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,160C M.W.: 58S,102C
Centroid Location:
Origin Time 08:45:17.2 0.1
Lat 6.33N 0.01 Lon 126.89E 0.01
Dep 102.5 0.4 Half-duration 4.4
Principal Axes:
Scale 10**18 Nm
T Val= 6.25 Plg=57 Azm=314
N -0.65 30 160
P -5.60 12 63
Best Double Couple:Mo=5.9*10**18
NP1:Strike=120 Dip=42 Slip= 42
NP2: 357 63 124

20 20 49 09.13 45.921N 151.215E 24km
5.7mb (148 obs.) 5.0Msz (21 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 45S, 79C
Centroid Location:
Origin Time 20:49:15.5 0.3
Lat 45.83N 0.03 Lon 151.53E 0.04
Dep 47.0 BDY Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.49 Plg=66 Azm=253
N 0.01 17 27
P -1.50 16 122
Best Double Couple:Mo=1.5*10**17
NP1:Strike=235 Dip=32 Slip= 123
NP2: 18 63 71

21 00 02 48.41 11.973N 125.688E 28km
5.4mb (84 obs.) 5.6Msz (1 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 00:02:45.4 1.1
Lat 11.95N FIX;Lon 125.70E FIX
Dep 15.0 FIX Half-duration 3.2
Principal Axes:
Scale 10**18 Nm
T Val= 1.33 Plg=36 Azm=275
N -0.39 10 12
P -0.94 52 116
Best Double Couple:Mo=1.1*10**18
NP1:Strike=323 Dip=13 Slip=-140
NP2: 194 81 -80

21 00 09 54.36 12.011N 125.656E 20km
6.2mb (134 obs.) 6.9Msz (49 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=359 Dip=76 Slip= 90
NP2: 179 14 90
Principal Axes:
T Plg=59 Azm=269
P 31 89
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 1.5±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 26
Principal Axes:
Scale 10**19 Nm
T Val= 1.33 Plg=59 Azm=284
N 0.11 6 184
P -1.44 31 91
Best Double Couple:Mo=1.4*10**19
NP1:Strike=162 Dip=15 Slip= 67
NP2: 6 76 96
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,156C M.W.: 51S,123C
Centroid Location:
Origin Time 00:10: 1.5 0.1
Lat 12.08N 0.01 Lon 125.77E 0.01
Dep 15.0 FIX Half-duration 6.3
Principal Axes:
Scale 10**19 Nm
T Val= 2.34 Plg=59 Azm=279
N -0.02 8 176
P -2.33 30 82
Best Double Couple:Mo=2.3*10**19
NP1:Strike=150 Dip=17 Slip= 62
NP2: 358 75 98

21 00 30 10.82 11.925N 125.564E 17km
6.3mb (125 obs.) 7.2Msz (10 obs.)
SAMAR, PHILIPPINE ISLANDS
RADIATED ENERGY
No. of sta: 6 Focal mech. C
Energy 1.8±0.3*10**14 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 43C
Centroid Location:
Origin Time 00:30:18.7 0.6
Lat 12.17N 0.05 Lon 126.03E 0.07
Dep 15.0 FIX Half-duration 6.1
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.04	58	311
N	-0.07	19	188
P	-1.97	25	89

Best Double Couple:Mo=2.0*10**19
NP1:Strike=145 Dip=26 Slip= 43
NP2: 14 72 110

21 00 34 46.09 12.059N 125.580E 21km
6.3mb (86 obs.) 7.3Msz (38 obs.)
SAMAR, PHILIPPINE ISLANDS
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 7.8±1.1*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 19
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	4.60	65	232
N	0.90	19	10
P	-5.50	16	105

Best Double Couple:Mo=5.0*10**19
NP1:Strike=221 Dip=34 Slip= 126
NP2: 360 63 68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,142C M.W.: 57S,152C
Centroid Location:
Origin Time 00:34:59.8 0.1
Lat 12.27N 0.01 Lon 125.69E 0.01
Dep 21.7 0.3 Half-duration 9.4
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	6.63	63	291
N	-0.11	10	180
P	-6.53	25	85

Best Double Couple:Mo=6.6*10**19
NP1:Strike=153 Dip=22 Slip= 61
NP2: 3 71 101

21 05 17 01.33 12.047N 125.920E 27km
5.6mb (89 obs.) 6.9Msz (58 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=355 Dip=85 Slip= 90
NP2: 175 5 90
Principal Axes:

	Plg=	Azm=
T	50	265
P	40	85

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 8.1±1.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 24
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	7.46	46	247
N	0.82	22	1
P	-8.28	36	108

Best Double Couple:Mo=7.9*10**18
NP1:Strike=257 Dip=22 Slip= 167
NP2: 359 85 68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,155C M.W.: 53S,125C
Centroid Location:
Origin Time 05:17: 8.4 0.1
Lat 12.20N 0.01 Lon 126.24E 0.01
Dep 15.0 FIX Half-duration 5.4
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.06	61	269
N	-0.10	4	171
P	-1.96	29	79

Best Double Couple:Mo=2.0*10**19
NP1:Strike=157 Dip=17 Slip= 75
NP2: 352 74 94

21 19 49 36.81 11.776N 125.918E 33km
5.3mb (61 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 8S, 10C
Centroid Location:
Origin Time 19:49:37.9 0.9
Lat 11.00N 0.12 Lon 125.12E 0.16
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.72	44	254
N	-0.30	6	350
P	-1.41	45	86

Best Double Couple:Mo=1.6*10**17
NP1:Strike=262 Dip= 6 Slip=-178
NP2: 170 90 -84

22 00 21 48.67 30.892N 49.908E 25km
5.1mb (108 obs.) 4.9Msz (13 obs.)
WESTERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 40C
Centroid Location:
Origin Time 00:21:56.1 0.3
Lat 30.87N 0.04 Lon 49.46E 0.05
Dep 39.5 3.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.53	73	256
N	0.44	9	132
P	-9.97	14	40

Best Double Couple:Mo=9.8*10**16
NP1:Strike=117 Dip=32 Slip= 72
NP2: 318 60 101

22 10 31 47.07 51.143S 161.885E 10km
4.6mb (10 obs.) 4.7Msz (1 obs.)
NORTH OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 64C
Centroid Location:
Origin Time 10:31:53.3 0.2
Lat 50.88S 0.04 Lon 161.37E 0.04
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.00	28	172
N	0.06	62	347
P	-2.06	2	81

Best Double Couple:Mo=2.0*10**17
NP1:Strike=213 Dip=69 Slip= 161
NP2: 310 73 22

22 11 18 25.20 11.828N 125.860E 30km
5.3mb (85 obs.) 5.2Msz (49 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 59C
Centroid Location:
Origin Time 11:18:30.4 0.3
Lat 11.84N 0.03 Lon 126.18E 0.04
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.36	67	284
N	0.08	8	174
P	-3.44	21	81

Best Double Couple:Mo=3.4*10**17
NP1:Strike=156 Dip=25 Slip= 70
NP2: 357 67 99

23 02 55 55.11 51.334N 179.714E 17km
6.2mb (194 obs.) 6.5Msz (70 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 55 Dip=75 Slip= 90
NP2: 235 15 90
Principal Axes:

	Plg=	Azm=
T	60	325
P	30	145

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 34 Focal mech. F
Energy 4.9±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 24 No. of sta: 57
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.36	63	306
N	0.00	5	46
P	-4.36	26	138

Best Double Couple:Mo=4.4*10**18
NP1:Strike=239 Dip=19 Slip= 104
NP2: 44 71 85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 96C M.W.: 47S,106C
Centroid Location:
Origin Time 02:56: 2.5 0.1
Lat 51.26N 0.01 Lon 179.95E 0.01
Dep 23.5 0.4 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	6.09	65	304
N	0.23	11	58
P	-6.33	23	153

Best Double Couple:Mo=6.2*10**18
NP1:Strike=263 Dip=24 Slip= 117
NP2: 54 68 78

23 05 08 01.97 12.390N 125.396E 24km
6.1mb (147 obs.) 6.6Msz (61 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=68 Slip= 90
NP2: 170 22 90
Principal Axes:

	Plg=	Azm=
T	67	260
P	23	80

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 2.2±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 23
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.02	60	296
N	0.01	20	168
P	-1.03	22	70

Best Double Couple:Mo=1.0*10**19
NP1:Strike=128 Dip=29 Slip= 46
NP2: 356 70 111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 52S,142C M.W.: 48S,113C
Centroid Location:
Origin Time 05:08: 7.5 0.1
Lat 12.42N 0.01 Lon 125.61E 0.01
Dep 15.0 FIX Half-duration 5.6
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.51	60	292
N	0.04	16	173
P	-1.55	25	76

Best Double Couple:Mo=1.5*10**19
NP1:Strike=135 Dip=25 Slip= 49
NP2: 359 72 107

23 06 38 11.20 5.954N 123.818E 531km
5.5mb (88 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 45C
Centroid Location:
Origin Time 06:38:20.4 0.9
Lat 6.39N 0.07 Lon 124.17E 0.07
Dep 534.6 3.8 Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.53	3	225
N	0.19	19	134
P	-1.72	71	323

Best Double Couple:Mo=1.6*10**18
NP1:Strike=334 Dip=46 Slip= -63
NP2: 118 51 -115

23 14 07 54.37 12.249N 125.580E 40km

5.0mb (60 obs.) 4.8Msz (11 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 41C
Centroid Location:
Origin Time 14:07:56.4 0.4
Lat 12.28N 0.05 Lon 125.88E 0.05
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.31	60	215
N	-0.29	11	325
P	-12.02	27	61

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

	Strike=	Dip=	Slip=
NP1:	178	20	124
NP2:	322	73	78

23 20 28 47.68 12.368N 125.455E 27km
5.1mb (64 obs.) 4.5Msz (10 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 35C
Centroid Location:
Origin Time 20:28:48.5 0.5
Lat 12.46N 0.06 Lon 125.57E 0.06
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.24	54	318
N	-4.35	26	186
P	-7.89	23	84

Best Double Couple:Mo=1.0*10**17

	Strike=	Dip=	Slip=
NP1:	135	32	35
NP2:	14	73	117

23 23 55 40.70 5.247N 72.476W 33km
5.3mb (86 obs.) 4.7Msz (35 obs.)
COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 25S, 31C
Centroid Location:
Origin Time 23:55:42.1 0.4
Lat 5.10N 0.06 Lon 72.27W 0.06
Dep 33.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.50	57	42
N	1.56	33	219
P	-10.06	1	309

Best Double Couple:Mo=9.3*10**16

	Strike=	Dip=	Slip=
NP1:	68	52	133
NP2:	191	55	48

24 06 08 08.54 12.226N 125.840E 30km
5.3mb (74 obs.) 4.8Msz (8 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 41C
Centroid Location:
Origin Time 06:08:10.5 0.4
Lat 11.87N 0.05 Lon 125.92E 0.05
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.68	56	224
N	-0.01	10	329
P	-1.67	32	66

Best Double Couple:Mo=1.7*10**17

	Strike=	Dip=	Slip=
NP1:	189	16	131
NP2:	327	78	80

24 16 13 11.48 22.736N 102.906E 33km
4.7mb (40 obs.) 5.0Msz (5 obs.)
YUNNAN, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 37C
Centroid Location:
Origin Time 16:13:14.2 0.6
Lat 22.88N 0.07 Lon 103.16E 0.06
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.60	2	57
N	-1.48	78	157
P	-7.11	12	327

Best Double Couple:Mo=7.8*10**16

	Strike=	Dip=	Slip=
NP1:	102	80	-173
NP2:	11	83	-10

24 17 04 45.38 12.483N 125.386E 24km
5.4mb (95 obs.) 5.2Msz (38 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 79C
Centroid Location:
Origin Time 17:04:48.0 0.2
Lat 12.47N 0.02 Lon 125.42E 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.31	60	299
N	0.21	20	170
P	-4.53	22	72

Best Double Couple:Mo=4.4*10**17

	Strike=	Dip=	Slip=
NP1:	130	29	46
NP2:	358	69	112

25 06 15 00.37 5.902S 147.417E 22km
5.6mb (70 obs.) 5.7Msz (51 obs.)
EASTERN NEW GUINEA REG., P.N.G.
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	137	58	90
NP2:	317	32	90

Principal Axes:

	Plg=	Azm=
T	77	47
P	13	227

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 4.7±1.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 39 No. of sta: 25
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.28	81	330
N	0.00	8	124
P	-1.28	4	215

Best Double Couple:Mo=1.3*10**18

	Strike=	Dip=	Slip=
NP1:	314	42	103
NP2:	117	50	79

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,119C
Centroid Location:
Origin Time 06:15:12.7 0.1
Lat 6.07S 0.01 Lon 147.64E 0.01
Dep 57.0 0.8 Half-duration 2.6
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.22	84	324
N	0.15	5	101
P	-1.37	4	191

Best Double Couple:Mo=1.3*10**18

	Strike=	Dip=	Slip=
NP1:	286	41	97
NP2:	97	50	84

25 09 12 46.25 12.373N 125.345E 25km
5.4mb (86 obs.) 5.4Msz (45 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 73C
Centroid Location:
Origin Time 09:12:53.8 0.4
Lat 13.07N 0.03 Lon 125.37E 0.04
Dep 32.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.35	21	4
N	-0.20	4	95
P	-3.14	68	196

Best Double Couple:Mo=3.2*10**17

	Strike=	Dip=	Slip=
NP1:	86	24	-100
NP2:	277	66	-85

25 13 32 51.61 40.199N 143.799E 30km
5.0mb (66 obs.) 4.9Msz (9 obs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 31C
Centroid Location:
Origin Time 13:32:56.2 0.5
Lat 40.32N 0.08 Lon 143.79E 0.08
Dep 30.0 4.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.97	59	294
N	-1.46	6	194
P	-6.51	30	101

Best Double Couple:Mo=7.2*10**16

	Strike=	Dip=	Slip=
NP1:	173	16	68
NP2:	16	75	96

27 06 42 18.87 18.127N 101.642W 37km
5.0mb (52 obs.) 4.4Msz (16 obs.)
GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 28C
Centroid Location:
Origin Time 06:42:22.1 0.8
Lat 18.04N 0.09 Lon 101.66W 0.07
Dep 41.6 6.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.20	58	178
N	0.17	18	299
P	-7.37	26	38

Best Double Couple:Mo=7.3*10**16

	Strike=	Dip=	Slip=
NP1:	162	25	136
NP2:	293	73	71

27 10 58 44.67 1.226N 85.261W 33km
4.9mb (13 obs.) 4.4Msz (1 obs.)
OFF COAST OF ECUADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 10C
Centroid Location:
Origin Time 10:58:42.8 7.2
Lat 1.18N 0.52 Lon 85.26W 0.21
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.37	6	322
N	0.51	84	166
P	-4.89	3	52

Best Double Couple:Mo=4.6*10**16

	Strike=	Dip=	Slip=
NP1:	97	84	2
NP2:	7	88	174

27 11 47 20.72 1.192N 85.166W 33km
5.2mb (50 obs.)
OFF COAST OF ECUADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 43C
Centroid Location:
Origin Time 11:47:23.9 0.5
Lat 1.42N 0.05 Lon 85.15W 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.29	16	145
N	-0.15	73	308
P	-1.14	5	54

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

	Strike=	Dip=	Slip=
NP1:	189	75	172
NP2:	281	82	15

27 12 44 41.20 1.297N 85.031W 20km
5.3mb (63 obs.) 6.0Msz (56 obs.)
OFF COAST OF ECUADOR
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	180	89	174
NP2:	270	84	1

Principal Axes:

	Plg=	Azm=
T	5	135
P	4	225

Comment: The focal mechanism is 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: 6 Focal mech. F
Energy 6.5±2.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 32
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.64	12	325
N	0.14	76	170
P	-1.78	5	56

Best Double Couple:Mo=1.7*10**18

	Strike=	Dip=	Slip=
NP1:	101	77	5
NP2:	10	85	167

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,146C
Centroid Location:
Origin Time 12:44:47.1 0.1
Lat 1.38N 0.01 Lon 85.23W 0.01
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.17	2	320
N	0.06	80	219
P	-2.23	10	50

Best Double Couple:Mo=2.2*10**18
NP1:Strike= 95 Dip=82 Slip= -6
NP2: 185 84 -172

28 02 04 19.18 31.640S 71.963W 32km
5.1mb (18 obs.) 5.2Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 22C
Centroid Location:
Origin Time 02:04:24.4 0.5
Lat 32.06S 0.10 Lon 71.99W 0.09
Dep 20.8 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.27	70	308
N	-3.72	19	148
P	-4.56	6	56

Best Double Couple:Mo=6.4*10**16
NP1:Strike=126 Dip=42 Slip= 61
NP2: 342 54 114

28 04 43 24.54 13.509S 167.200E 196km
5.2mb (50 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 65C
Centroid Location:
Origin Time 04:43:30.9 0.3
Lat 13.48S 0.03 Lon 166.93E 0.03
Dep 193.7 1.3 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.87	65	32
N	0.17	20	175
P	-2.04	14	270

Best Double Couple:Mo=2.0*10**17
NP1:Strike= 25 Dip=36 Slip= 126
NP2: 164 62 67

28 09 59 16.08 21.405S 174.337W 9km
5.7mb (67 obs.) 5.3Msz (55 obs.)
TONGA ISLANDS
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 9.3±2.2*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.73	60	324
N	-0.09	16	204
P	-1.64	25	107

Best Double Couple:Mo=1.7*10**17
NP1:Strike=167 Dip=25 Slip= 50
NP2: 30 71 106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 58C
Centroid Location:
Origin Time 09:59:22.0 0.3
Lat 21.52S 0.05 Lon 173.64W 0.04
Dep 29.4 2.6 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.75	61	317
N	0.11	10	209
P	-1.86	27	114

Best Double Couple:Mo=1.8*10**17
NP1:Strike=181 Dip=20 Slip= 61
NP2: 32 72 100

28 16 30 00.70 44.072N 148.004E 29km
6.5mb (203 obs.) 6.8Msz (62 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=75 Slip= 90
NP2: 205 15 90
Principal Axes:

	Plg=	Azm=
T	60	295
P	30	115

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 4 Focal mech. M
Energy 5.3±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 36 No. of sta: 44
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.83	65	277
N	0.06	8	25
P	-2.89	24	119

Best Double Couple:Mo=2.9*10**19
NP1:Strike=226 Dip=22 Slip= 113
NP2: 22 69 81
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S,139C M.W.: 32S, 77C
Centroid Location:
Origin Time 16:30:10.0 0.1
Lat 43.98N 0.01 Lon 148.25E 0.01
Dep 33.8 0.4 Half-duration 7.2
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.70	65	288
N	0.14	6	31
P	-2.84	24	123

Best Double Couple:Mo=2.8*10**19
NP1:Strike=226 Dip=22 Slip= 106
NP2: 28 69 84

28 17 08 43.23 44.091N 148.074E 35km
6.1mb (159 obs.) 6.3Msz (14 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 66C M.W.: 12S, 25C
Centroid Location:
Origin Time 17:08:48.0 0.4
Lat 44.11N 0.04 Lon 148.49E 0.05
Dep 52.3 3.0 Half-duration 2.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.02	70	276
N	-0.04	9	32
P	-1.98	18	125

Best Double Couple:Mo=2.0*10**18
NP1:Strike=230 Dip=28 Slip= 110
NP2: 28 64 79

29 04 35 26.24 44.007N 147.954E 33km
5.4mb (128 obs.) 4.7Msz (12 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 27C
Centroid Location:
Origin Time 04:35:30.1 0.8
Lat 43.99N 0.09 Lon 148.19E 0.11
Dep 30.7 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.61	68	294
N	-0.32	2	29
P	-5.29	22	120

Best Double Couple:Mo=5.4*10**16
NP1:Strike=214 Dip=23 Slip= 96
NP2: 28 67 88

29 09 43 57.77 11.853N 125.982E 15km
5.5mb (77 obs.) 6.0Msz (44 obs.)
SAMAR, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=344 Dip=80 Slip= 90
NP2: 164 10 90
Principal Axes:

	Plg=	Azm=
T	55	254
P	35	74

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 3.5±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 27
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.42	48	271
N	0.00	1	179
P	-1.42	42	88

Best Double Couple:Mo=1.4*10**18
NP1:Strike=157 Dip= 4 Slip= 68
NP2: 359 87 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S,111C
Centroid Location:
Origin Time 09:44: 4.1 0.1
Lat 12.02N 0.02 Lon 126.23E 0.02
Dep 15.0 FIX Half-duration 2.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	12.70	68	268
N	0.39	7	161
P	-13.09	21	69

Best Double Couple:Mo=1.3*10**18
NP1:Strike=147 Dip=25 Slip= 74
NP2: 344 66 97

29 13 58 27.54 32.891S 178.620W 33km
5.2mb (11 obs.) 5.3Msz (26 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 27C
Centroid Location:
Origin Time 13:58:30.3 0.5
Lat 33.27S 0.08 Lon 178.72W 0.09
Dep 29.5 4.9 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.78	62	267
N	2.72	9	15
P	-12.50	26	110

Best Double Couple:Mo=1.1*10**17
NP1:Strike=221 Dip=21 Slip= 117
NP2: 12 72 80

29 13 58 33.14 11.781N 125.990E 33km
4.7mb (31 obs.) 4.7Msz (2 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 22C
Centroid Location:
Origin Time 13:58:36.9 0.7
Lat 12.24N 0.10 Lon 126.02E 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.24	54	268
N	0.08	1	176
P	-1.33	36	85

Best Double Couple:Mo=1.3*10**17
NP1:Strike=169 Dip= 9 Slip= 82
NP2: 357 81 91

29 18 35 47.41 30.133N 131.050E 33km
4.9mb (58 obs.) 4.8Msz (2 obs.)
KYUSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 20C
Centroid Location:
Origin Time 18:35:49.7 0.7
Lat 29.94N 0.10 Lon 131.06E 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.43	70	280
N	0.16	4	178
P	-8.59	20	86

Best Double Couple:Mo=8.5*10**16
NP1:Strike=168 Dip=25 Slip= 80
NP2: 0 65 95

30 02 55 40.21 16.778S 176.985E 43km
5.1mb (54 obs.) 5.6Msz (51 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 0 Dip=85 Slip= 174
NP2: 91 84 5
Principal Axes:

	Plg=	Azm=
T	8	315
P	1	45

Comment: The focal mechanism is moderately well controlled and corresponds to strike-

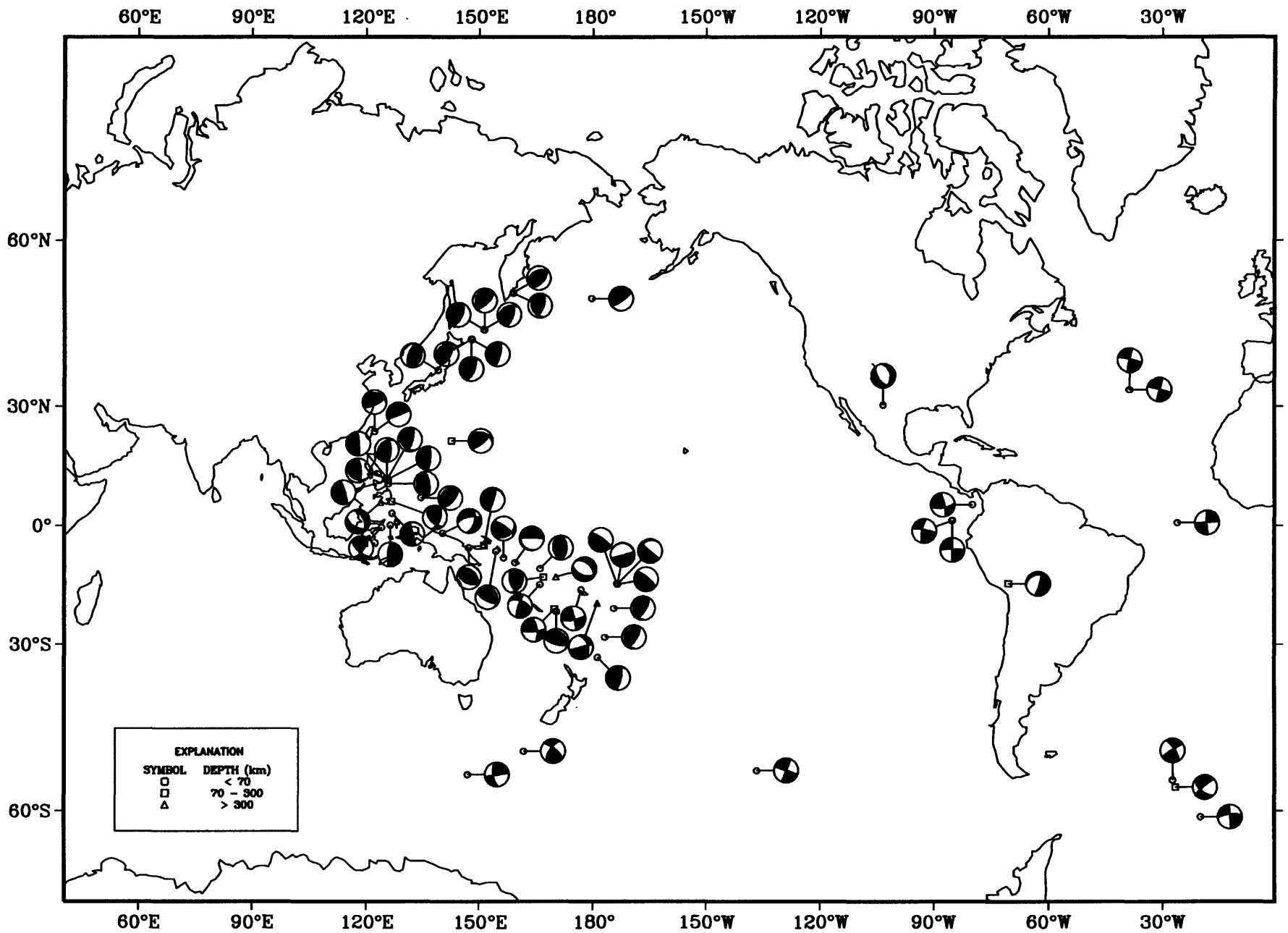
slip faulting with a small reverse component. The preferred fault plane is not determined.

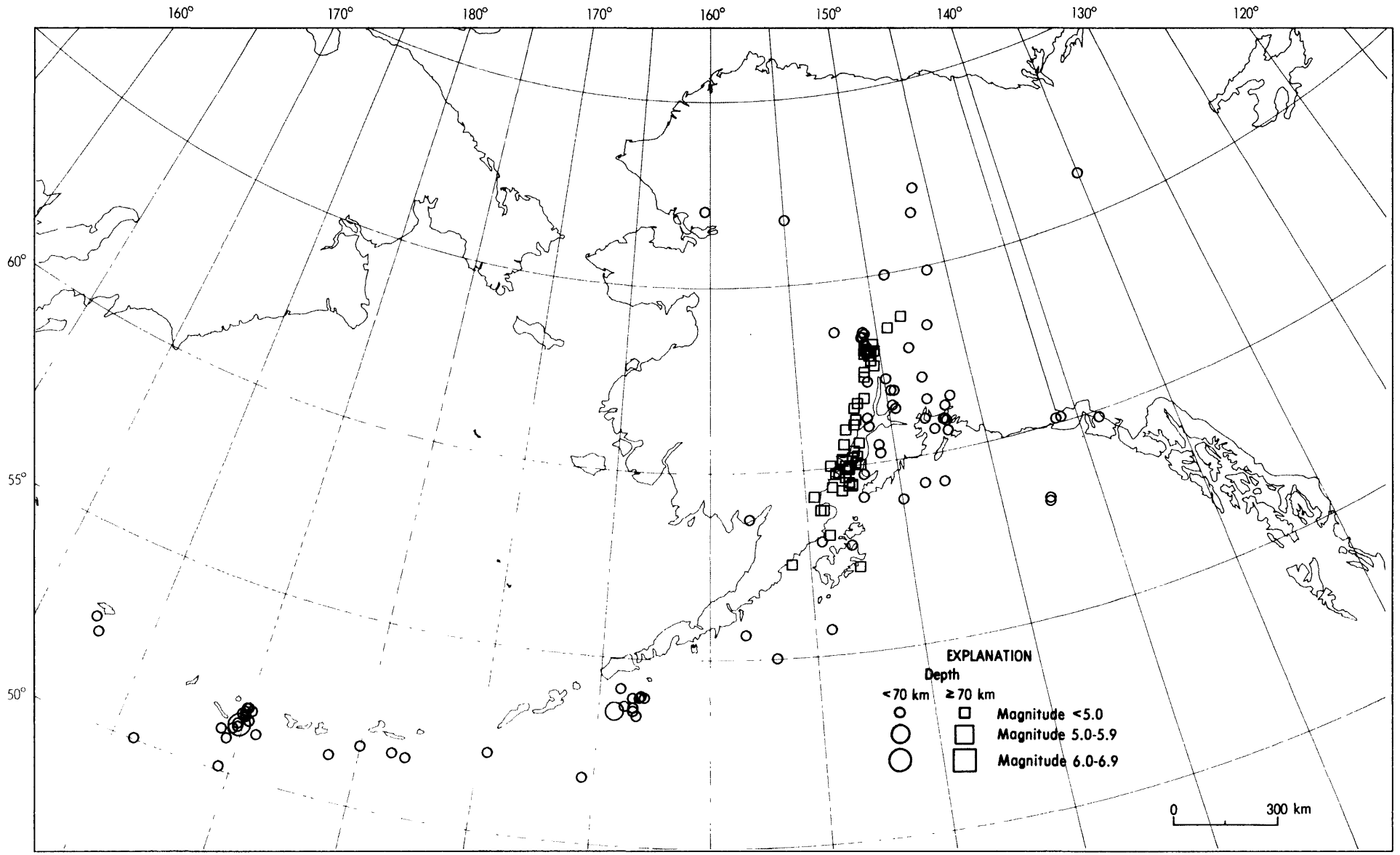
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 16
Principal Axes:
Scale 10**17 Nm
T Val= 7.55 Plg=12 Azm=302
N 0.01 78 140
P -7.56 4 33
Best Double Couple:Mo=7.5*10**17
NP1:Strike= 78 Dip=79 Slip= 6
NP2: 347 84 169
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S,111C
Centroid Location:
Origin Time 02:55:44.9 0.2
Lat 16.48S 0.02 Lon 177.13E 0.02
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 8.50 Plg= 3 Azm=309
N -1.07 85 73
P -7.43 4 219
Best Double Couple:Mo=8.0*10**17
NP1:Strike=354 Dip=85 Slip=-179
NP2: 264 89 -5

30 11 50 13.78 21.507S 174.480W 33km
4.8mb (23 obs.) 4.9Msz (7 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 34C
Centroid Location:
Origin Time 11:50:20.0 0.6
Lat 21.36S 0.12 Lon 173.81W 0.09
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.32 Plg=50 Azm= 8
N 2.63 33 225
P -8.95 19 122
Best Double Couple:Mo=7.6*10**16
NP1:Strike=172 Dip=39 Slip= 30
NP2: 58 71 125

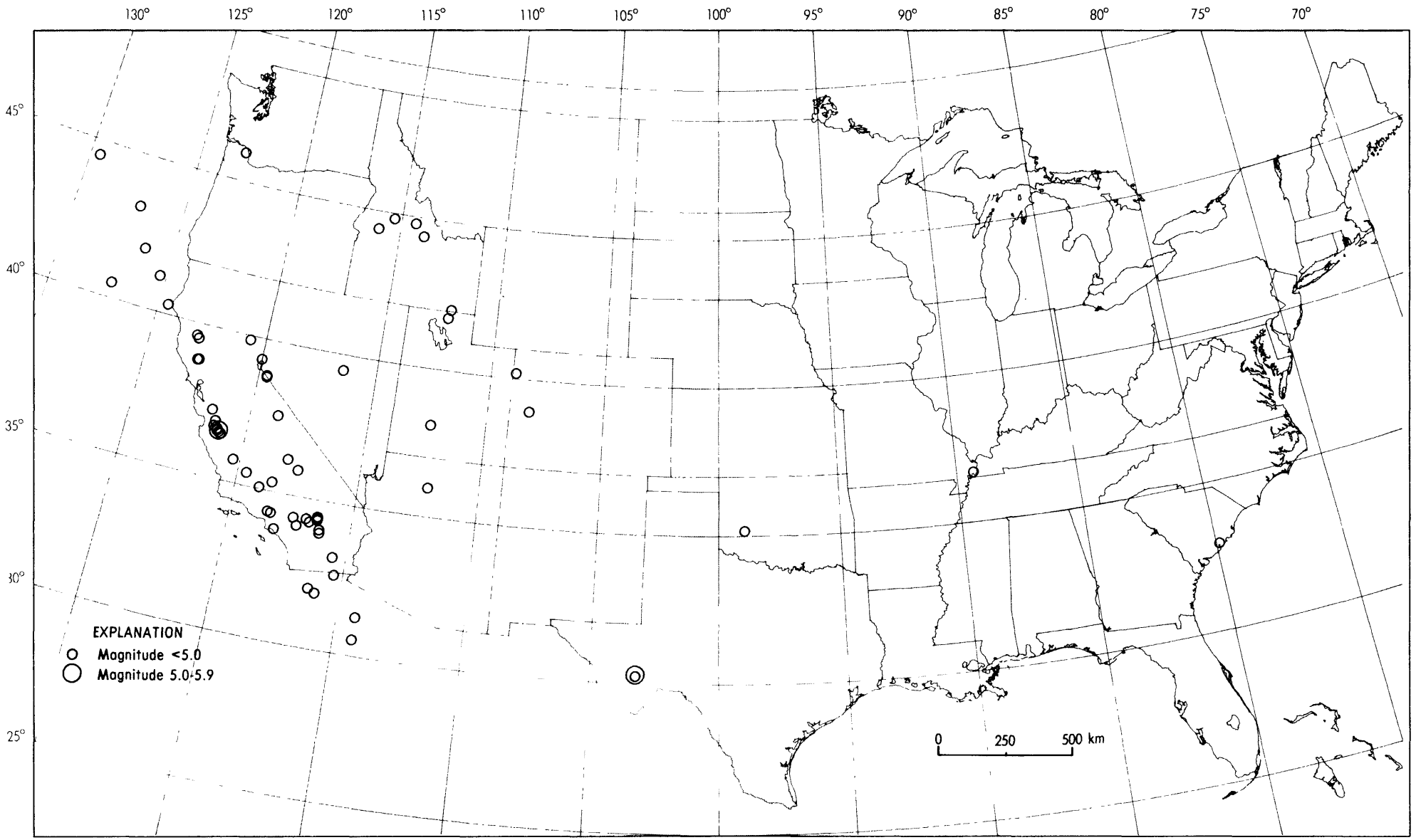
Compiled by Francis W. Baldwin, Pamela J. Benfield, Pingsheng Chang, George L. Choy, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder, Stuart A. Sipkin and Madeleine D. Zirbes.

Earthquake Focal Mechanisms for April 1995

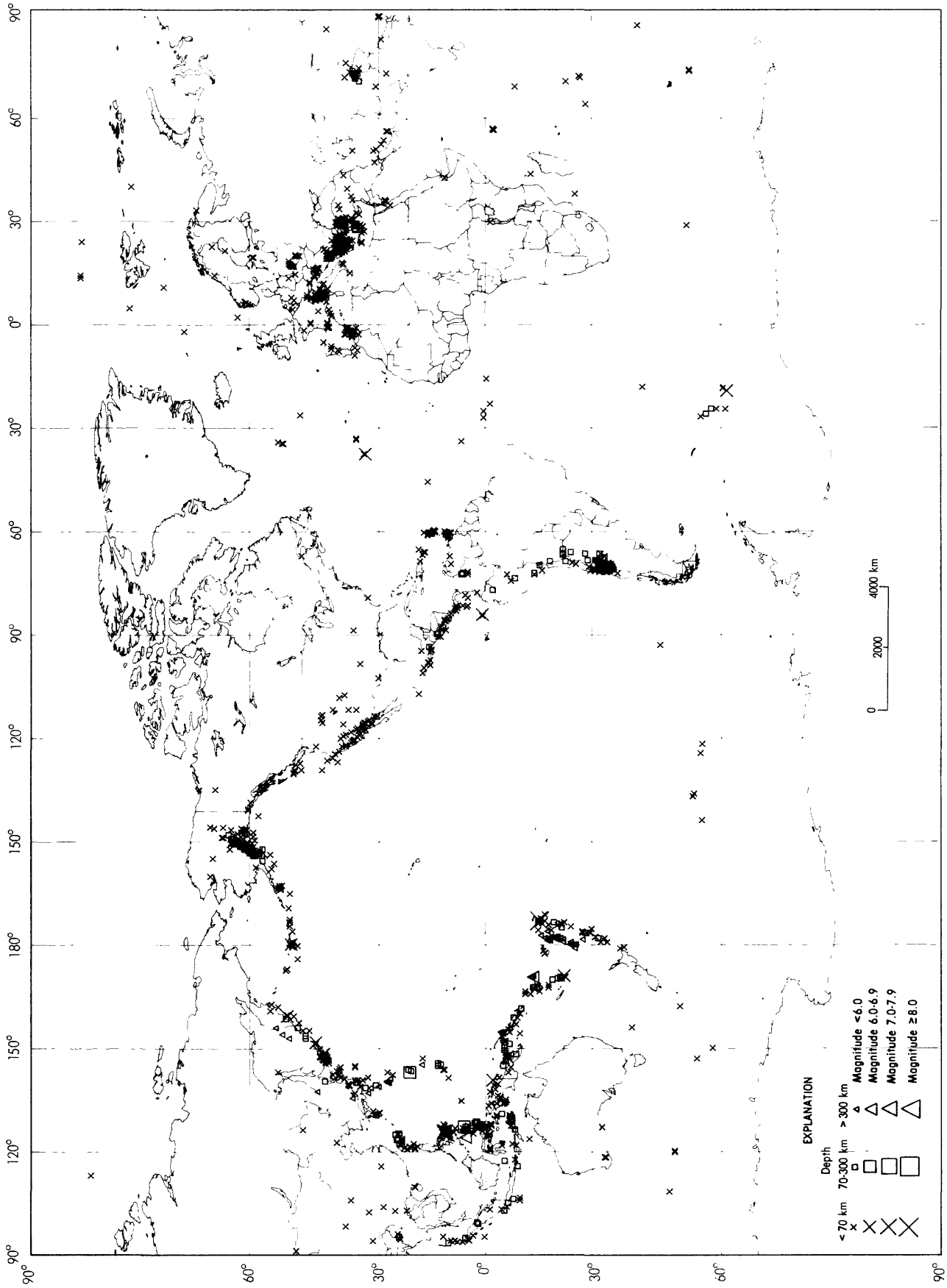




Earthquake epicenters in Alaska and adjecent regions for April, 1995



Earthquake epicenters in the conterminous United State and adjacent regions for April, 1995



Earthquakes located in April, 1995

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