UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

OCTOBER - DECEMBER 1994

NATIONAL EARTHQUAKE INFORMATION CENTER

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1994

PRELIMINARY DETERMINATION OF EPICENTERS

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National Earthquake Information Center

DECEMBER 1994

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	02	33	27.5	33.003	S	72.128	W	5	G	4.2		1.1	18	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	01	03	28	58.4&	34.956	N	116.925	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	01	03	46	14.5?	45.62	N	26.74	E	130	G			0.1	5	ROMANIA
	01	03	47	59.4*	33.070	S	71.803	W	10	G			0.9	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	01	03	50	20.0&	63.283	N	151.105	W	10					46	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
	01	03	55	07.4	8.467	S	115.649	E	134		5.0		0.6	19	BALI REGION, INDONESIA. Felt (III) at Denpasar, Bali and Mataram, Lombok.
	01	04	10	01.4?	32.95	S	72.04	W	10	G			0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	01	04	36	41.1?	38.29	N	19.71	E	10	G			0.5	12	IONIAN SEA. ML 3.9 (TTG), 3.6 (TIR). MD 3.6 (ATH).
a	01	06	11	01.4	7.639	S	128.173	E	84		5.6		0.9	105	BANDA SEA. Mw 5.4 (HRV).
	01	06	49	47.5	46.730	N	10.121	E	10	G			0.9	9	NORTHERN ITALY. ML 2.3 (VIE).
	01	06	53	41.4	32.959	S	72.018	W	10	G			0.4	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	01	07	17	36.0	38.694	N	20.519	E	30		4.6	4.4	1.5	103	GREECE. ML 4.8 (ATH), 4.4 (TIR). Many houses damaged and landslides blocked roads on Levkas.
	01	07	31	25.7*	33.075	S	71.787	W	10	G			0.9	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	01	07	32	56.9*	38.557	N	20.200	E	33	N	4.3		1.2	22	GREECE. ML 4.1 (ATH), 4.1 (TTG).
	01	07	41	28.3*	10.051	N	122.315	E	60	*	4.6	4.2	1.1	15	PANAY, PHILIPPINE ISLANDS
	01	08	41	30.1&	61.707	N	149.749	W	41					40	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	01	10	04	41.2?	9.09	S	149.54	E	33	N	4.0		1.3	6	EASTERN NEW GUINEA REG., P.N.G.
	01	11	12	38.6?	39.49	N	27.77	E	10	G			1.0	4	TURKEY. ML 2.7 (ISK).
	01	11	18	19.5	7.468	S	128.546	E	135		5.4		0.9	74	BANDA SEA
	01	12	00	17.8?	39.73	N	29.35	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	01	12	06	43.7?	39.35	N	27.27	E	5	G			0.2	4	TURKEY. ML 2.8 (ISK).
	01	12	10	38.2?	39.64	N	29.36	E	10	G			1.0	4	TURKEY. ML 2.8 (ISK).
	01	13	38	21.2?	40.34	N	28.77	E	10	G			0.3	4	TURKEY. ML 2.8 (ISK).
	01	14	05	19.4?	39.73	N	29.47	E	10	G			0.5	5	TURKEY. ML 2.8 (ISK).
	01	14	46	41.3*	4.003	S	141.765	E	33	N	3.7		1.3	10	NEW GUINEA, PAPUA NEW GUINEA
	01	14	53	50.0?	34.40	S	70.18	W	10	G			1.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	15	47	05.8	38.634	N	20.258	E	22		4.1		1.1	37	GREECE. ML 4.1 (TTG), 3.7 (TIR). MD 3.8 (ATH).
	01	16	07	06.5&	37.487	N	118.868	W	6					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	01	17	56	42.1	33.159	S	70.278	W	5	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	19	20	46.7	47.126	N	11.235	E	10	G			0.6	8	AUSTRIA. ML 2.0 (FUR), 1.6 (VIE).
	01	19	24	36.7?	34.24	S	70.31	W	10	G			1.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	19	44	06.5?	28.80	N	34.75	E	10	G			0.4	4	EGYPT. MD 2.0 (RYD).
	01	20	23	26.2%	44.445	N	7.085	E	10	G			0.2	11	NORTHERN ITALY. ML 2.3 (GEN).
	01	20	41	14.3%	44.744	N	6.761	E	10	G			0.5	13	FRANCE. ML 2.5 (GEN).
	01	20	57	27.6?	33.49	S	70.34	W	100	G			0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	01	21	16	31.1*	43.827	N	148.903	E	33	N	4.7		0.8	28	EAST OF KURIL ISLANDS
	01	21	39	19.2?	34.46	S	70.03	W	5	G			0.1	5	CHILE-ARGENTINA BORDER REGION
	01	22	09	00.5*	34.607	N	26.784	E	10	G	2.9		1.1	13	CRETE
	02	00	10	23.6	38.698	N	20.507	E	5	G			1.4	14	GREECE. MD 3.1 (ATH).
	02	00	36	56.4&	34.267	N	118.557	W	15					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	02	00	40	53.0	43.180	N	147.484	E	54	D	4.6		0.9	48	KURIL ISLANDS
	02	01	19	06.3&	58.943	N	152.814	W	72					34	KODIAK ISLAND REGION. <AEIC>.
	02	02	11	28.7%	33.656	S	69.921	W	5	G			1.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	02	06	29	57.9?	34.51	S	72.14	W	33	N			0.4	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	02	06	47	09.0*	38.594	N	20.216	E	5	G			1.1	5	GREECE. MD 3.0 (ATH).
	02	07	29	30.1*	38.697	N	20.525	E	5	G			1.3	12	GREECE. MD 3.2 (ATH).
	02	07	38	11.3*	38.898	N	26.909	E	10	G			0.9	8	AEGEAN SEA. ML 3.5 (ISK).
	02	08	15	39.4	19.202	N	121.158	E	41	D	4.9	4.3	1.2	63	PHILIPPINE ISLANDS REGION. Felt (II RF) in the Pasuquin area.
	02	09	25	09.3?	43.32	N	147.96	E	33	N	4.1		1.3	7	KURIL ISLANDS
	02	09	29	30.3%	18.581	N	66.721	W	32				0.2	11	PUERTO RICO REGION. MD 3.0 (MPR).
	02	10	05	51.7%	44.985	N	7.173	E	10	G			0.5	12	NORTHERN ITALY. ML 2.4 (GEN).
	02	10	09	58.6%	44.992	N	7.179	E	10	G			0.7	7	NORTHERN ITALY. ML 2.0 (GEN).
	02	10	50	20.6&	36.174	N	120.730	W	10					10	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.3 (PAS). First and larger of two events about 45 seconds apart.
	02	11	05	52.0*	42.864	N	143.236	E	149	*	3.9		0.4	6	HOKKAIDO, JAPAN REGION

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	02	11	47	13.9?	63.24	N	27.27	E	5	G			0.4	4	FINLAND. ML 2.1 (NAO).
	02	12	10	24.0	1.955	N	120.837	E	36	*	5.2	4.4	0.8	36	MINAHASSA PENINSULA, SULAWESI
	02	12	18	24.0*	68.947	N	29.891	E	5	G			1.5	5	FINLAND-RUSSIA BORDER REGION. MD 2.6 (BER).
	02	12	33	11.1?	32.62	S	71.77	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	02	12	39	15.0	41.679	N	22.367	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	02	12	54	47.9*	18.157	S	178.875	W	499	*	4.8		1.2	41	FIJI ISLANDS REGION
	02	13	26	16.9*	3.946	S	140.101	E	33	N	4.3		0.7	6	IRIAN JAYA, INDONESIA
	02	13	34	02.9*	33.934	S	70.762	W	80	G			1.0	8	CHILE-ARGENTINA BORDER REGION
	02	13	49	35.0	44.129	N	6.425	E	10	G			0.5	24	FRANCE. ML 2.7 (GEN), 2.3 (STR), 2.2 (LDG).
	02	13	54	01.4?	43.77	N	148.38	E	33	N	4.2		1.4	7	EAST OF KURIL ISLANDS
	02	13	56	17.1?	9.97	N	125.61	E	102	?	4.2		1.2	6	MINDANAO, PHILIPPINE ISLANDS
	02	15	06	47.2%	44.822	N	6.688	E	10	G			0.2	7	FRANCE. ML 2.1 (GEN).
	02	15	10	02.6&	63.278	N	151.855	W	8					46	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
	02	17	11	08.7?	39.30	N	29.43	E	5	G			1.2	4	TURKEY. ML 3.0 (ISK).
a	02	18	11	52.4	43.916	N	148.020	E	43	D	4.9	4.3	0.7	94	EAST OF KURIL ISLANDS. Mw 5.1 (HRV).
	02	18	18	01.3	40.788	N	20.825	E	5	G			0.6	9	GREECE-ALBANIA BORDER REGION. ML 2.9 (TIR).
	02	18	22	54.9?	43.47	N	147.96	E	10	G	4.4		1.3	6	KURIL ISLANDS
	02	19	04	37.5%	44.499	N	7.311	E	10	G			0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	02	19	11	39.3*	11.537	N	143.365	E	33	N	4.8		0.6	8	SOUTH OF MARIANA ISLANDS
	02	19	42	30.9*	23.758	S	129.972	E	10	G			1.4	9	NORTHERN TERRITORY, AUSTRALIA
	02	22	53	45.9	32.430	S	69.609	W	10	G			0.9	12	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
	02	23	50	56.2?	40.26	N	24.23	E	5	G			0.2	5	AEGEAN SEA
	03	00	14	41.7?	12.87	N	89.26	W	33	N			0.2	10	OFF COAST OF CENTRAL AMERICA. MD 3.6 (SSS). Felt (II) at San Salvador, El Salvador.
	03	01	35	51.6	37.643	N	49.349	E	33	N	4.8		1.2	25	CASPIAN SEA. Felt in the Rasht area, Iran.
	03	01	52	58.6&	63.914	N	149.017	W	0					33	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.4 (PMR).
	03	02	33	41.7&	60.813	N	151.689	W	72					48	KENAI PENINSULA, ALASKA. <AEIC>.
	03	03	15	48.0%	34.135	S	70.434	W	10	G			0.5	6	CHILE-ARGENTINA BORDER REGION
	03	04	07	18.1?	37.01	N	4.05	W	10	G			0.5	4	SPAIN. mbLg 1.9 (MDD).
a	03	04	53	11.6	14.487	N	92.404	W	79		4.9		1.0	141	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.3 (HRV). MD 4.9 (GCG).
	03	05	18	10.4?	34.44	S	71.04	W	70	G			1.2	9	NEAR COAST OF CENTRAL CHILE
	03	06	02	51.0	32.624	N	47.307	E	81	*	4.6		1.0	20	IRAN-IRAQ BORDER REGION. Damage to buildings in the Musian area, Iran. Felt at Dehloran, Iran.
	03	06	27	58.6&	34.359	N	118.701	W	15					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	03	08	04	43.2%	28.553	N	34.833	E	10	G			0.4	6	EGYPT. MD 2.4 (RYD).
	03	08	15	46.7%	36.962	N	3.737	W	10	G			1.2	8	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	03	08	49	50.5%	28.677	N	34.732	E	10	G			0.6	7	EGYPT. MD 2.6 (RYD).
	03	09	27	48.4?	38.71	N	20.63	E	10	G			0.4	4	GREECE
	03	09	33	02.6?	36.71	N	2.87	W	10	G			0.5	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	03	09	49	10.5%	28.537	N	34.743	E	10	G			0.6	6	EGYPT. MD 2.4 (SAN).
	03	10	19	47.6*	32.979	S	70.389	W	110	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	03	11	33	17.6?	19.57	N	66.19	W	25				0.2	12	PUERTO RICO REGION. MD 3.9 (MPR).
	03	11	37	54.9	26.339	S	27.476	E	5	G			1.1	10	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
	03	11	46	19.8	41.762	N	25.255	E	10	G			1.0	8	GREECE-BULGARIA BORDER REGION
	03	12	28	48.8	47.716	N	16.166	E	12				1.3	69	AUSTRIA. ML 4.6 (GRF), 4.2 (CLL), 4.0 (FUR). Felt (VI) at Pitten.
	03	14	47	27.7?	34.36	N	31.87	E	33	N	3.7		0.6	4	CYPRUS REGION. ML 4.0 (CSS). Felt (III) at Paphos.
	03	15	02	49.9?	41.32	N	29.19	E	10	G			0.3	4	TURKEY. ML 2.9 (ISK).
	03	15	56	24.4*	38.534	N	20.209	E	5	G			1.2	5	GREECE. MD 3.1 (ATH).
	03	17	21	47.8%	37.264	N	3.006	W	10	G			0.2	7	SPAIN. mbLg 2.4 (MDD).
	03	17	35	40.5%	37.271	N	2.976	W	10	G			0.7	8	SPAIN. mbLg 2.3 (MDD).
	03	17	40	18.2%	37.269	N	3.002	W	10	G			0.3	8	SPAIN. mbLg 2.7 (MDD).
	03	18	42	43.5	37.317	N	2.978	W	17				0.8	20	SPAIN. mbLg 3.5 (MDD). Felt (II) in the Guadix area.
	03	19	11	17.7&	58.546	N	150.926	W	81					28	GULF OF ALASKA. <AEIC>.
	03	19	18	06.2?	59.77	N	6.22	E	5	G			0.3	4	SOUTHERN NORWAY. MD 1.0 (BER).
	03	19	22	45.1	41.401	N	20.994	E	10	G			0.7	6	ALBANIA. ML 2.4 (SKO).
	03	19	50	20.8?	13.32	N	90.47	W	69	?	3.9		1.0	10	NEAR COAST OF GUATEMALA. MD 4.4 (GCG).
	03	20	32	55.7	33.632	N	22.295	W	10	G	3.2		0.7	15	NORTH ATLANTIC OCEAN
	03	21	01	04.0&	40.165	N	125.901	W	22					4	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	03	21	15	24.8	44.532	N	6.939	E	10	G			0.5	35	FRANCE. ML 3.1 (GEN), 3.0 (LDG).
	03	21	49	14.2	38.610	N	20.357	E	5	G			1.3	20	GREECE. MD 3.3 (ATH).
	03	22	36	39.0	38.648	N	20.629	E	5	G			0.7	6	GREECE. MD 2.9 (ATH).
	03	23	24	30.8	34.027	S	70.151	W	5	G			0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	03	23	43	21.1?	51.66	N	167.99	W	33	N	3.9		0.7	6	FOX ISLANDS, ALEUTIAN ISLANDS
	03	23	49	38.5&	40.630	N	124.279	W	18					20	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	04	00	02	13.5	44.036	N	7.251	E	5	G			0.2	14	NORTHERN ITALY. ML 2.2 (LDG), 1.8 (GEN).
	04	00	38	28.7&	40.208	N	123.120	W	36		3.3			46	NORTHERN CALIFORNIA. <GM-P>. MD 3.9 (GM). ML 3.9 (BRK), 3.4 (GS).
	04	01	14	56.9%	40.336	N	29.161	E	5	G			0.4	6	TURKEY. ML 2.8 (ISK).
	04	04	16	22.2%	34.043	S	70.064	W	5	G			0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	04	04	27	25.3	40.032	N	20.665	E	5	G			0.6	17	GREECE-ALBANIA BORDER REGION. ML 3.5 (TIR).
	04	05	07	57.3%	39.490	N	28.195	E	5	G			1.0	7	TURKEY. ML 3.0 (ISK).
	04	05	21	07.7%	33.653	S	70.582	W	10	G			0.8	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
a	04	05	23	16.5	2.719	N	126.761	E	55	*	5.2	4.4	1.1	44	NORTHERN MOLUCCA SEA. Mw 5.1 (HRV).
	04	06	17	13.0*	43.743	N	147.539	E	42	D	4.5		1.1	18	KURIL ISLANDS
	04	06	32	02.3	30.891	S	71.931	W	33	N			0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	04	06	38	57.3%	43.461	N	7.352	W	29	*			0.9	7	SPAIN. mbLg 3.2 (MDD).
	04	08	24	50.5%	41.781	N	24.594	E	10	G			0.5	7	GREECE-BULGARIA BORDER REGION
	04	08	30	55.1?	49.73	S	114.21	E	10	G	4.7	4.8	0.9	10	SOUTH OF AUSTRALIA
	04	08	42	38.9*	67.596	N	161.566	W	33	N	3.5		1.3	9	NORTHERN ALASKA. ML 4.2 (PMR).
	04	08	43	47.3%	44.353	N	7.348	E	10	G			0.2	6	NORTHERN ITALY. ML 1.6 (GEN).
	04	09	45	54.2%	43.925	N	9.088	E	10	G			0.7	13	CORSICA. ML 2.6 (GEN).
	04	10	03	02.2&	62.794	N	148.994	W	66					51	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	04	10	16	32.5?	14.08	N	91.50	W	33	N			0.1	6	GUATEMALA. MD 4.1 (GCG).
	04	10	17	27.5*	32.255	S	71.401	W	33	N			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	04	10	35	14.3&	37.343	N	121.705	W	9					81	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.5 (GS), 3.1 (BRK).
	04	11	37	23.9?	36.75	N	28.92	E	10	G			0.9	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	04	11	46	56.5*	6.978	S	155.707	E	212	?	4.6		0.4	6	SOLOMON ISLANDS
	04	11	47	20.7?	38.51	N	20.17	E	5	G			0.3	4	GREECE. MD 2.9 (ATH).
	04	12	06	37.0	44.077	N	110.739	W	5	G			0.5	22	YELLOWSTONE REGION, WYOMING. ML 2.2 (GS).
	04	12	30	01.8	44.088	N	110.747	W	5	G			0.4	26	YELLOWSTONE REGION, WYOMING. ML 3.1 (GS).

	04	12 44	53.2?	43.75	N	148.39	E	33	N	3.7	1.1	7	EAST OF KURIL ISLANDS
	04	12 48	27.0?	44.79	N	6.78	E	5	G		0.2	4	FRANCE. ML 1.5 (GEN).
	04	14 18	23.4	50.242	N	12.440	E	10	G		0.3	10	GERMANY. ML 2.4 (GRF), 2.2 (FUR).
	04	14 24	14.6	50.253	N	12.415	E	14			0.3	10	GERMANY. ML 2.4 (GRF), 2.2 (FUR), 2.0 (PRU).
	04	14 26	07.9	50.242	N	12.436	E	10	G		0.2	10	GERMANY. ML 2.3 (GRF), 2.2 (FUR), 1.7 (PRU).
	04	14 33	02.3*	50.270	N	12.418	E	10	G		0.3	5	GERMANY
	04	14 51	18.6	41.922	N	20.224	E	10	G	3.9	1.2	69	ALBANIA. ML 4.2 (SKO), 3.7 (TIR). MD 4.1 (TTG).
	04	15 09	51.9&	36.957	N	28.911	E	10	G		0.4	5	DODECANESE ISLANDS. ML 3.4 (ISK).
	04	15 21	14.8&	43.049	N	0.893	W	5	G		0.3	6	PYRENEES. ML 1.0 (STR).
	04	16 59	55.4&	40.275	N	23.064	E	5	G		0.5	7	GREECE
	04	17 21	26.3	41.924	N	144.948	E	35	D	4.6 4.2	1.0	23	HOKKAIDO, JAPAN REGION
	04	17 28	10.0	36.382	N	6.019	W	10	G		1.2	13	STRAIT OF GIBRALTAR. MD 2.9 (SFS). mbLg 2.6 (MDD).
	04	17 32	12.4?	59.82	N	6.58	E	5	G		0.3	4	SOUTHERN NORWAY. ML 1.2 (NAO). MD 1.4 (BER).
	04	17 42	30.0	36.386	N	6.000	W	10	G		1.2	10	STRAIT OF GIBRALTAR. MD 2.3 (SFS). mbLg 2.0 (MDD).
	04	17 45	11.3	50.247	N	12.440	E	10	G		0.4	9	GERMANY. ML 2.3 (GRF), 2.2 (FUR).
	04	17 47	14.6	50.233	N	12.425	E	10	G		0.6	8	GERMANY. ML 1.9 (GRF), 1.3 (PRU).
	04	18 12	34.6*	2.621	N	95.845	E	27	D	4.9 4.3	1.2	20	OFF W COAST OF NORTHERN SUMATERA
	04	19 02	15.3*	15.450	S	167.697	E	33	N	4.5 4.8	0.7	15	VANUATU ISLANDS
	04	19 28	46.7&	32.412	S	71.178	W	70	G		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	04	19 29	05.8*	50.282	N	12.404	E	10	G		0.4	5	GERMANY. ML 1.7 (GRF).
	04	19 54	38.8*	24.145	S	66.968	W	183	*	4.5	1.2	20	SALTA PROVINCE, ARGENTINA
	04	21 58	57.4*	39.337	N	71.790	E	33	N	4.6	1.4	18	TAJIKISTAN
a	04	22 05	57.3	35.587	S	178.431	E	160	G	5.4	1.2	86	OFF E. COAST OF N. ISLAND, N.Z. Mw 5.4 (HRV).
	04	22 50	09.8	36.377	N	5.992	W	10	G		0.8	13	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD). MD 2.8 (SFS).
	04	23 11	56.0?	10.50	N	60.90	W	33	N		0.3	4	TRINIDAD. MD 3.1 (TRN).
	04	23 13	01.5*	45.613	N	15.656	E	10	G		1.0	14	NORTHWESTERN BALKAN REGION. ML 3.3 (ZAG), 3.1 (VIE). MD 3.5 (LJU), 3.1 (TRI). Felt in the Samobor area.
	04	23 39	34.7*	35.400	N	25.509	E	33	N	3.6	1.3	10	CRETE. MD 4.1 (ATH).
	05	00 25	14.8?	12.04	S	114.70	E	33	N	4.5	1.3	8	NORTHWEST OF AUSTRALIA
	05	00 25	54.5*	31.987	S	70.194	W	100	G		0.6	12	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	05	00 27	18.2?	17.76	S	178.37	W	592	?	4.4	1.5	13	FIJI ISLANDS REGION
	05	00 37	53.9	50.250	N	12.429	E	10	G		0.3	9	GERMANY. ML 2.5 (GRF), 2.4 (FUR), 2.2 (PRU).
	05	00 43	25.7	50.256	N	12.419	E	10	G		0.2	8	GERMANY. ML 1.8 (FUR), 1.7 (GRF), 1.6 (PRU), 1.3 (CLL).
	05	00 45	28.7	50.283	N	12.333	E	26			0.6	8	GERMANY. ML 2.1 (FUR), 2.0 (PRU), 1.8 (GRF).
	05	00 46	15.3*	15.452	S	167.795	E	33	N	4.9 4.7	1.0	43	VANUATU ISLANDS
	05	02 06	59.5*	33.485	S	72.250	W	10	G		0.3	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	03 09	05.9*	44.247	N	146.975	E	33	N	4.2	1.0	15	KURIL ISLANDS
	05	03 29	03.9?	11.68	S	114.30	E	33	N	4.2	0.8	6	SOUTH OF BALI, INDONESIA
	05	04 00	10.0?	46.96	N	7.74	E	10	G		0.7	4	SWITZERLAND. ML 2.3 (LDG).
	05	04 13	01.2?	13.15	N	92.13	W	30	*	4.1	0.6	8	OFF COAST OF CHIAPAS, MEXICO. MD 4.1 (GCG).
	05	05 15	22.9*	50.236	N	156.503	E	33	N	5.0	0.9	21	KURIL ISLANDS
	05	06 43	14.6&	34.018	S	71.209	W	60	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	05	07 07	08.0?	9.11	S	116.44	E	33	N	4.0	0.8	6	SUMBAWA REGION, INDONESIA
	05	07 09	07.1	48.041	N	146.861	E	456		4.7	0.7	148	SEA OF OKHOTSK
	05	08 41	16.0	38.670	N	20.684	E	10	G		0.8	8	GREECE. MD 3.1 (ATH).
	05	11 38	38.7&	60.119	N	152.894	W	115				36	SOUTHERN ALASKA. <AEIC>.
	05	12 00	35.7?	27.62	N	33.99	E	10	G		0.6	5	EGYPT. MD 1.9 (RYD).
	05	13 12	40.5?	28.66	N	34.42	E	10	G		0.7	6	EGYPT. MD 2.2 (RYD).
	05	14 27	38.8	38.671	N	20.550	E	5	G		0.6	12	GREECE
	05	15 45	07.9&	34.313	S	71.000	W	70	G		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	05	15 50	16.4*	15.314	S	167.698	E	33	N	4.6	1.0	20	VANUATU ISLANDS
	05	16 02	07.5*	1.961	S	135.635	E	33	N	5.2 4.4	0.9	16	IRIAN JAYA REGION, INDONESIA
a	05	16 20	09.3	8.576	S	159.833	E	49	G	5.8 5.1	0.9	176	SOLOMON ISLANDS. Mw 5.5 (HRV). Felt (III) at Honiara. Depth from broadband displacement seismograms.
	05	16 22	17.8	43.232	N	146.984	E	34	D	5.0 4.7	1.0	67	KURIL ISLANDS
	05	17 25	40.3	41.685	N	3.969	E	10	G		0.9	7	SPAIN. ML 2.5 (LDG). mbLg 2.6 (MDD).
	05	18 24	55.9*	42.930	N	146.422	E	69	*	4.9	1.2	34	OFF COAST OF HOKKAIDO, JAPAN
	05	19 15	35.9*	37.479	N	29.626	E	10	G		0.2	5	TURKEY. ML 2.9 (ISK).
	05	19 19	55.9?	2.79	S	139.68	E	94	?		1.0	5	NEAR NORTH COAST OF IRIAN JAYA
	05	20 49	46.3?	30.08	S	136.87	E	33	N		1.1	6	SOUTH AUSTRALIA
	05	21 02	31.5?	30.47	S	137.99	E	10	G		1.4	4	SOUTH AUSTRALIA
	05	21 09	57.0*	36.116	N	141.468	E	10	G	4.6 4.1	1.4	19	NEAR EAST COAST OF HONSHU, JAPAN
	05	21 14	10.5	46.478	N	12.719	E	10	G		0.9	19	NORTHERN ITALY. ML 2.7 (LDG), 2.6 (VIE), 2.5 (LJU).
	05	21 17	48.9&	45.962	N	2.890	E	10	G		0.5	9	FRANCE. ML 1.9 (LDG).
	05	21 21	13.4&	28.666	N	34.726	E	10	G		0.7	6	EGYPT. MD 1.9 (RYD).
	05	22 05	16.4?	53.87	N	1.02	W	5	G		0.2	4	UNITED KINGDOM. ML 2.2 (BGS). Felt (III) at Stillingfleet. Mining induced.
	05	22 29	06.8?	10.18	N	62.40	W	150	G		0.5	6	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	05	22 44	22.5	51.542	N	16.177	E	5	G		0.6	18	POLAND. ML 3.5 (GRF), 3.4 (VIE), 3.4 (MOX).
	06	01 02	27.4&	17.655	N	94.654	W	33	N		1.3	6	CHIAPAS, MEXICO
	06	01 40	47.8&	40.632	N	27.750	E	10	G		0.5	7	TURKEY. ML 3.1 (ISK).
	06	02 01	30.3	33.337	S	71.146	W	33	N		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	06	03 21	26.8&	40.674	N	23.460	E	5	G		0.4	8	GREECE
	06	03 36	24.3&	34.294	N	118.390	W	8				66	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS). Felt in the Los Angeles-San Fernando area.
	06	03 48	18.2&	34.299	N	118.388	W	9				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	06	03 48	34.4&	34.293	N	118.389	W	9		4.3 3.8		112	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS), 4.5 (GS). Felt (V) at Chatsworth and Redondo Beach; (IV) at Canoga Park, Corona, Culver City, Duarte, El Monte, Glendale, La Crescenta, Long Beach, Los Angeles, Montrose, Paramount, Sierra Madre, Simi Valley, Sun Valley, Thousand Oaks and Tujunga; (III) at Agoura Hills, Avalon, Compton, Lakewood, Lynwood, Monrovia, Palmdale, Pearblossom, Rosemead, Tustin and Whittier.
	06	04 42	53.1*	40.724	N	27.386	E	5	G		0.6	5	TURKEY. ML 2.8 (ISK).
	06	05 15	20.7&	44.275	N	6.406	E	10	G		0.1	7	FRANCE. ML 2.2 (GEN).
	06	06 04	53.2*	30.343	N	130.889	E	117	*	4.5	1.2	17	KYUSHU, JAPAN
	06	06 52	07.9&	67.700	N	160.761	W	0		4.4		37	NORTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 4.3 (PMR).
	06	07 18	01.7	36.346	N	6.036	W	10	G		1.0	9	STRAIT OF GIBRALTAR. MD 2.6 (SFS). mbLg 2.3 (MDD).
	06	07 48	34.4?	37.04	N	28.95	E	10	G		0.2	4	TURKEY. ML 3.1 (ISK).
a	06	09 06	07.0	15.316	S	75.294	W	27		5.3 5.0	1.1	127	NEAR COAST OF PERU. Mw 5.5 (HRV). Felt (IV) at Nazca and Palpa; (III) at Ica; (II) at Caraveli.
	06	09 28	55.2&	37.120	N	3.606	W	10	G		1.1	13	SPAIN. mbLg 2.9 (MDD). Felt (III) in the Granada area.

	06	10	12	53.6*	42.937	N	147.221	E	33	N	4.6	1.5	20	OFF COAST OF HOKKAIDO, JAPAN
	06	10	19	53.0%	43.105	N	0.621	W	5	G		0.5	5	PYRENEES. ML 1.0 (STR).
	06	11	24	14.4*	67.547	N	161.881	W	10	G		0.4	5	NORTHERN ALASKA. ML 3.0 (PMR).
	06	11	44	32.9?	15.22	S	75.30	W	57	?	4.1	1.3	7	NEAR COAST OF PERU
	06	12	18	30.2*	72.488	N	2.184	E	10	G	3.9 3.9	1.3	8	NORWEGIAN SEA
	06	14	25	57.8*	57.752	N	142.773	W	10	G		0.6	15	GULF OF ALASKA. ML 3.1 (AEIC).
	06	15	19	40.2*	46.638	N	14.998	E	5	G		0.4	5	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
	06	15	37	46.3*	7.004	S	145.610	E	102	*	4.2	1.0	7	NEAR S COAST OF NEW GUINEA, PNG.
	06	16	52	02.0&	63.211	N	150.652	W	131				29	CENTRAL ALASKA. <AEIC>.
	06	17	38	34.7*	72.559	N	3.342	E	10	G	4.5	1.2	36	NORWEGIAN SEA
	06	17	39	14.6?	8.74	N	83.86	W	5	G	4.0	0.9	5	COSTA RICA. MD 4.3 (UPA).
	06	17	50	27.3*	43.080	N	147.225	E	33	N	4.4	1.3	22	KURIL ISLANDS
	06	17	57	03.9%	59.834	N	5.110	E	5	G		0.3	7	SOUTHERN NORWAY. MD 1.9 (BER).
	06	19	59	06.9%	38.815	N	2.906	W	10	G		1.1	12	SPAIN. mbLg 3.1 (MDD).
	06	20	28	38.7%	36.513	N	2.834	W	5	G		0.7	14	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Adra area, Spain.
	06	20	52	38.2?	43.73	N	6.59	E	5	G		0.2	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	06	20	53	01.1	43.743	N	128.032	W	10	G	3.4	0.5	66	OFF COAST OF OREGON
	06	21	00	08.5%	28.880	N	34.821	E	10	G		0.8	5	EGYPT. MD 2.4 (RYD).
	06	21	22	21.5?	45.00	N	7.18	E	10	G		0.3	4	NORTHERN ITALY. ML 1.8 (GEN).
	06	21	59	34.3?	43.77	N	6.47	E	5	G		0.3	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	06	22	00	52.6	39.312	N	20.847	E	25		4.0	1.1	56	GREECE-ALBANIA BORDER REGION. MD 3.7 (ATH). ML 3.4 (TIR), 3.3 (TTG).
	06	22	49	08.8&	40.556	N	125.066	W	24				26	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
	06	23	13	31.0*	43.068	N	0.948	W	5	G		0.4	5	PYRENEES. ML 1.0 (STR).
	06	23	19	44.7?	47.41	N	11.68	E	10	G		0.3	4	AUSTRIA. ML 1.2 (VIE).
	06	23	35	15.1	28.964	N	94.654	E	10	G	4.9	1.0	89	EASTERN XIZANG-INDIA BORDER REG.
	07	02	34	27.5?	35.93	N	139.94	E	109	?		0.3	7	NEAR S. COAST OF HONSHU, JAPAN
	07	03	21	40.7&	37.347	N	121.709	W	9				89	CENTRAL CALIFORNIA. <GM-P>. MD 3.7 (GM). ML 3.8 (BRK), 3.7 (GS). Felt (III) at San Jose and Santa Cruz; (II) at Mountain View. Felt throughout the southern San Francisco Bay area.
	07	03	27	22.3&	37.348	N	121.711	W	8				53	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK), 3.1 (GS). Felt in the epicentral area.
a	07	03	37	54.8	23.422	S	66.639	W	235	G	5.6	1.3	351	JUJUY PROVINCE, ARGENTINA. Mw 6.0 (GS), 5.9 (HRV). mb 5.8 (BRK). Mo=9.6*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	07	05	25	21.3	44.510	N	6.772	E	14			0.4	16	FRANCE. ML 2.3 (GEN), 2.0 (LDG).
	07	06	18	59.9%	32.929	S	70.960	W	60	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	07	06	36	45.5	38.734	N	20.522	E	5	G		1.3	13	GREECE. MD 3.5 (ATH).
	07	06	50	30.6?	44.32	N	7.33	E	10	G		0.1	4	NORTHERN ITALY. ML 1.3 (GEN).
	07	07	01	15.4	16.721	N	62.201	W	10	G		0.5	8	LEEWARD ISLANDS. ML 3.3 (FDF). MD 3.0 (TRN).
	07	08	50	37.9?	50.29	N	18.84	E	10	G		0.3	4	POLAND. MG 3.0 (WAR).
	07	09	04	52.2%	33.920	S	71.231	W	60	G		0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	07	09	08	41.9&	34.308	N	118.460	W	6				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	07	09	44	56.1*	39.102	N	27.711	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).
	07	10	00	14.4%	60.037	N	4.588	E	5	G		0.4	8	SOUTHERN NORWAY. MD 1.9 (BER).
	07	10	04	36.4%	60.076	N	4.587	E	5	G		0.6	8	SOUTHERN NORWAY. MD 1.8 (BER).
	07	10	09	54.1?	39.14	N	27.79	E	10	G		0.2	4	TURKEY. ML 2.8 (ISK).
	07	10	10	50.1%	60.089	N	4.561	E	5	G		0.1	5	SOUTHERN NORWAY. MD 1.6 (BER).
	07	10	14	54.5%	60.128	N	4.605	E	5	G		0.2	7	SOUTHERN NORWAY. MD 1.7 (BER).
	07	10	40	03.9*	32.767	S	70.164	W	110	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	07	10	45	41.4&	62.912	N	151.297	W	111				54	CENTRAL ALASKA. <AEIC>.
	07	14	58	48.6?	31.48	S	71.92	W	100	G		0.8	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	07	15	40	06.9&	35.760	N	118.062	W	3				27	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	07	16	27	06.4	38.713	N	20.482	E	5	G		0.4	10	GREECE. MD 2.9 (ATH).
	07	16	56	08.5&	67.011	N	154.068	W	15				27	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.8 (PMR).
	07	17	00	58.5?	0.67	N	101.42	W	10	G	4.5	1.2	10	EAST CENTRAL PACIFIC OCEAN
	07	17	00	59.1?	7.69	N	84.23	W	5	G	4.5	0.7	6	OFF COAST OF COSTA RICA. MD 4.4 (UPA).
	07	18	00	55.0&	64.650	N	149.717	W	19				22	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
	07	20	03	04.9&	58.887	N	137.056	W	0				7	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC).
a	07	20	22	18.3	3.459	S	130.940	E	33	N	5.2 4.9	1.3	41	SERAM, INDONESIA. Mw 5.5 (HRV).
	07	21	01	40.5%	16.373	N	94.628	W	33	N		1.2	6	OAXACA, MEXICO
	07	21	04	27.8%	33.534	S	71.890	W	20	G		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	07	21	45	36.8	44.550	N	7.224	E	10	G		0.5	23	NORTHERN ITALY. ML 2.9 (GEN), 2.6 (LDG).
	07	21	52	10.3	30.928	N	51.145	E	28	D	4.9	1.2	112	NORTHERN IRAN
	07	22	07	16.4%	40.452	N	23.210	E	10	G		0.3	7	GREECE
a	07	23	08	37.5*	2.949	S	119.830	E	28	*	5.2 4.2	1.0	9	SULAWESI, INDONESIA. Mw 5.3 (HRV).
	08	00	54	44.0&	40.631	N	125.860	W	22				76	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.6 (BRK), 3.4 (GS).
	08	00	55	47.3?	43.56	N	147.67	E	33	N	4.3	1.0	9	KURIL ISLANDS
	08	03	29	11.9	52.988	N	171.079	E	33	N	5.0 4.9	0.9	124	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	08	03	59	38.2	15.232	S	75.198	W	47	*	4.4	0.6	13	NEAR COAST OF PERU. Felt (II) in the Nana area.
	08	04	32	52.7?	43.32	N	146.79	E	33	N	4.6	1.2	9	KURIL ISLANDS
a	08	05	09	08.2	19.426	S	168.954	E	114		5.3	1.0	74	VANUATU ISLANDS. Mw 5.4 (HRV).
	08	05	55	44.9?	43.75	N	5.38	E	10	G		0.3	7	NEAR SOUTH COAST OF FRANCE
	08	06	17	10.1%	33.137	S	70.290	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	08	06	19	06.8*	42.013	N	21.241	E	10	G		1.0	7	NORTHWESTERN BALKAN REGION. ML 2.8 (SKO). Felt (V) in the Skopje area.
	08	07	10	47.9?	34.51	S	70.71	W	100	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	08	07	55	48.5	38.706	N	20.529	E	10	G		1.0	18	GREECE. MD 3.4 (ATH).
	08	08	12	58.0&	58.351	N	154.719	W	86				36	ALASKA PENINSULA. <AEIC>.
a	08	08	30	26.8	1.967	N	120.844	E	38		5.5 4.9	1.0	85	MINAHASSA PENINSULA, SULAWESI. Mw 5.7 (HRV).
	08	08	45	40.1?	67.58	N	162.57	W	10	G		1.5	6	NORTHERN ALASKA. ML 3.1 (PMR).
	08	09	51	02.6	38.685	N	20.489	E	10	G		0.9	16	GREECE. MD 3.3 (ATH).
	08	10	47	55.6	36.450	N	70.927	E	200	*	5.1	1.0	37	HINDU KUSH REGION, AFGHANISTAN. Felt at Peshawar, Pakistan.
	08	10	48	58.5	38.681	N	20.536	E	5	G		1.1	19	GREECE. ML 3.4 (TIR). MD 3.5 (ATH).
	08	11	18	54.4*	37.996	N	20.159	E	10	G		1.3	12	IONIAN SEA. MD 3.2 (ATH).
	08	11	56	57.3*	67.639	N	161.509	W	10	G	3.7	1.1	33	NORTHERN ALASKA. ML 4.1 (PMR).
	08	12	18	01.3?	56.10	S	24.75	W	33	N	5.2	1.3	8	SOUTH SANDWICH ISLANDS REGION
	08	12	54	38.0	28.961	N	52.580	E	33	N	5.0	0.6	42	SOUTHERN IRAN

	08	13	00	09.6*	3.062	N	126.920	E	33	N	4.9	4.5	1.5	18	TALAUD ISLANDS, INDONESIA
	08	13	01	32.7*	30.439	N	79.686	E	68	?	4.9		0.7	8	XIZANG-INDIA BORDER REGION
	08	14	46	56.0?	18.12	S	177.74	W	640	?	4.4		0.4	7	FIJI ISLANDS REGION
	08	14	54	53.2%	44.211	N	8.149	E	10	G			1.0	5	NORTHERN ITALY
	08	15	25	31.9?	34.21	S	71.93	W	33	N			0.9	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	08	15	25	51.0&	36.844	N	121.578	W	8					19	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
	08	15	27	22.6	41.149	N	20.760	E	10	G			0.9	7	ALBANIA. ML 2.2 (TIR), 2.0 (SKO).
	08	15	31	50.5*	32.476	S	71.523	W	33	N			0.8	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	08	15	35	37.9?	32.73	S	71.72	W	33	N			1.1	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	08	16	07	37.3*	44.428	N	7.291	E	10	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	08	16	08	24.7	36.824	N	71.404	E	33	N	4.5		0.7	19	AFGHANISTAN-TAJIKISTAN BORD REG.
	08	16	35	29.8*	2.706	N	126.868	E	71	?	5.1		1.1	11	NORTHERN MOLUCCA SEA
	08	16	44	27.3*	34.169	N	139.258	E	33	N	4.1		0.6	8	NEAR S. COAST OF HONSHU, JAPAN
	08	17	25	03.3%	37.496	N	1.599	W	13				0.7	14	SPAIN. mbLg 3.1 (MDD).
	08	17	54	53.3%	40.562	N	30.366	E	10	G			0.6	5	TURKEY. ML 3.0 (ISK).
	08	18	47	05.4	43.802	N	147.447	E	46		4.8		1.1	77	KURIL ISLANDS
	08	19	24	50.1	50.481	N	12.146	E	10	G			0.5	8	GERMANY. ML 2.2 (GRF), 1.8 (FUR).
	08	19	34	34.5	39.724	N	78.043	E	47	*	4.8		1.0	30	SOUTHERN XINJIANG, CHINA
	08	19	39	31.4&	66.088	N	150.219	W	80					17	NORTHERN ALASKA. <AEIC>.
	08	20	32	34.7	38.253	N	21.831	E	10	G	3.6		1.2	23	GREECE. MD 3.4 (ATH).
	08	20	43	34.4	13.297	S	166.871	E	33	N	4.5		0.9	51	VANUATU ISLANDS
	08	21	16	17.0?	32.55	S	71.42	W	60	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	08	22	01	52.2*	67.527	N	161.939	W	10	G			0.2	5	NORTHERN ALASKA. ML 3.4 (PMR).
	08	22	11	00.4%	44.659	N	7.583	E	10	G			0.2	5	NORTHERN ITALY. ML 2.0 (GEN).
	08	22	28	53.6&	60.293	N	153.264	W	181					33	SOUTHERN ALASKA. <AEIC>.
	08	23	20	48.2*	4.382	N	127.191	E	10	G	4.9		0.5	5	TALAUD ISLANDS, INDONESIA
	08	23	34	04.7*	12.536	S	114.096	E	10	G	4.3		0.6	7	NORTHWEST OF AUSTRALIA
	09	00	49	51.9%	36.866	N	3.629	W	10	G			0.3	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	09	00	50	50.2	1.077	S	100.294	E	87		5.2		1.0	100	SOUTHERN SUMATERA, INDONESIA
	09	01	24	59.9	45.510	N	0.320	W	13				1.0	17	FRANCE. ML 3.1 (LDG). MD 3.3 (BTH).
	09	04	28	55.0*	10.343	S	119.227	E	33	N	4.6		1.4	11	SUMBA REGION, INDONESIA
	09	06	19	00.2	40.850	N	20.773	E	10	G	4.4		1.3	56	GREECE-ALBANIA BORDER REGION. ML 4.0 (TTG), 3.7 (TIR), 3.5 (SKO). MD 3.6 (ATH).
	09	07	23	49.8?	41.85	N	125.78	W	10	G			1.2	13	OFF COAST OF NORTHERN CALIFORNIA
	09	07	51	21.2%	38.256	N	30.091	E	10	G			0.6	7	TURKEY. ML 3.4 (ISK).
	09	07	54	40.1%	34.333	S	70.212	W	10	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	09	08	07	59.7%	44.357	N	7.342	E	10	G			0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	09	08	44	11.7?	35.42	S	71.36	W	120	G			0.3	11	CENTRAL CHILE. MD 4.3 (SAN).
	09	09	46	56.7%	41.562	N	23.501	E	5	G			0.3	8	GREECE-BULGARIA BORDER REGION
	09	10	45	16.2	33.951	S	70.168	W	10	G	4.8		1.0	21	CHILE-ARGENTINA BORDER REGION. MD 4.9 (SAN).
	09	10	57	41.6?	34.15	S	69.88	W	10	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	09	11	12	32.2%	34.085	S	70.001	W	10	G			0.4	10	CHILE-ARGENTINA BORDER REGION
	09	11	33	24.0%	34.018	S	70.063	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	09	12	14	01.1*	51.294	N	15.854	E	10	G			1.1	6	POLAND
	09	12	16	44.3	40.409	N	21.761	E	5	G			0.7	7	GREECE
	09	12	35	49.5?	34.03	S	70.08	W	10	G			1.1	9	CHILE-ARGENTINA BORDER REGION
	09	12	40	53.2*	34.052	S	70.025	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	09	13	07	18.3	33.967	S	70.168	W	5	G			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	09	13	44	46.8%	34.048	S	70.134	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	09	13	47	08.5%	40.020	N	24.196	E	10	G			0.7	7	AEGEAN SEA
	09	13	58	35.0%	44.711	N	6.665	E	10	G			0.4	12	FRANCE. ML 2.4 (GEN).
	09	15	12	56.8%	44.411	N	8.619	E	10	G			0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	09	16	35	50.6?	33.87	S	68.40	W	10	G			0.7	11	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	09	16	56	36.1	39.353	N	25.549	E	10	G			0.8	22	AEGEAN SEA. ML 3.6 (ISK).
	09	17	40	02.8%	46.321	N	2.446	E	10	G			1.1	13	FRANCE
a	09	18	10	21.3*	21.696	S	175.311	W	93	*	4.8		0.9	25	TONGA ISLANDS. Mw 5.3 (HRV).
	09	18	57	56.0?	34.01	S	70.10	W	5	G			1.1	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	09	19	01	51.5?	32.45	S	71.54	W	60	G			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	09	19	21	54.2%	33.150	S	70.272	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	09	19	24	09.0	55.845	S	27.038	W	33	N	5.3	4.4	1.1	49	SOUTH SANDWICH ISLANDS REGION
	09	19	54	43.5*	43.509	N	147.792	E	33	N	4.7		1.3	8	KURIL ISLANDS
	09	20	13	29.3%	40.782	N	27.492	E	10	G			0.7	5	TURKEY. ML 2.9 (ISK).
	09	20	21	58.7*	47.190	N	7.375	E	10	G			1.5	12	SWITZERLAND. ML 2.3 (LDG), 2.0 (STR).
	09	20	46	55.5?	36.39	N	141.73	E	33	N	3.8		1.2	7	NEAR EAST COAST OF HONSHU, JAPAN
	09	20	59	54.5?	44.07	N	7.86	E	10	G			0.0	4	NORTHERN ITALY. ML 1.7 (GEN).
	09	22	12	05.6*	39.037	N	23.402	E	10	G			0.4	11	AEGEAN SEA
	09	22	26	17.6?	51.88	N	16.25	E	10	G			0.7	5	POLAND. ML 3.4 (VIE).
	09	22	48	19.0	41.859	N	142.267	E	67		4.7		0.9	59	HOKKAIDO, JAPAN REGION
	09	23	04	58.2	6.530	S	147.149	E	54	*	5.0	4.5	1.1	42	EASTERN NEW GUINEA REG., P.N.G.
	09	23	44	01.3%	34.009	S	70.124	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	10	00	09	36.5&	35.090	N	118.294	W	7					24	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	10	00	19	33.4%	40.720	N	29.789	E	10	G			0.6	7	TURKEY. ML 3.3 (ISK).
	10	00	22	43.7%	39.050	N	23.324	E	10	G			0.4	7	AEGEAN SEA
	10	00	43	06.3?	6.87	S	146.72	E	32	?			0.5	5	EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
	10	00	43	59.7%	40.682	N	23.641	E	5	G			0.7	9	GREECE
	10	01	13	10.1%	35.561	N	3.760	W	5	G			0.9	17	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	10	01	26	57.0	41.062	N	22.510	E	10	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
a	10	01	54	16.4	56.196	S	27.167	W	110	G	5.4		1.0	94	SOUTH SANDWICH ISLANDS REGION. Mw 5.2 (HRV).
	10	02	12	20.6*	6.172	S	103.653	E	80	G	5.2		0.8	15	SOUTHWEST OF SUMATERA, INDONESIA
	10	02	34	22.7&	34.444	N	119.343	W	14					65	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS). Felt.
	10	02	51	05.9	42.973	N	147.225	E	33	N	4.3		1.0	15	OFF COAST OF HOKKAIDO, JAPAN
a	10	03	39	31.7	23.534	S	70.591	W	37	D	5.8	5.6	1.3	261	NEAR COAST OF NORTHERN CHILE. Mw 6.0 (HRV). Ms 5.3 (BRK). Mo=2.4*10**18 Nm (PPT). Felt (V) at Mejillones.
	10	03	56	09.1	43.681	N	147.553	E	47	*	4.7		1.1	47	KURIL ISLANDS
	10	03	57	31.5%	44.067	N	7.077	E	10	G			0.3	6	NORTHERN ITALY. ML 1.9 (GEN).
	10	04	23	35.3&	63.262	N	151.034	W	7					59	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
	10	04	32	49.6%	44.580	N	7.472	E	10	G			0.7	11	NORTHERN ITALY. ML 2.3 (GEN).
	10	05	32	26.0%	45.820	N	7.137	E	10	G			0.3	10	NORTHERN ITALY. ML 2.1 (GEN).
	10	05	44	43.5?	36.53	N	2.80	W	10	G			0.5	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	10	05	53	16.0%	40.040	N	28.865	E	10	G			0.4	5	TURKEY. ML 2.9 (ISK).
	10	07	06	45.8%	35.456	N	3.817	W	10	G			1.2	8	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	10	07	53	33.8%	40.700	N	23.647	E	5	G			0.8	9	GREECE

	10	08	43	21.4&	40.708	N	23.674	E	5	G		0.5	7	GREECE
	10	08	52	42.3&	40.712	N	23.678	E	5	G		0.6	8	GREECE
a	10	09	26	42.5	38.306	N	142.102	E	52	D	5.4	0.8	196	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Felt (III JMA) at Ishinomaki, Ofunato and Sendai; (II JMA) at Fukushima, Miyako, Morioka and Shinjo. Also felt in Akita and Ibaraki Prefectures.
	10	09	39	22.7?	15.51	N	61.30	W	159	*	3.8	0.5	9	LEEWARD ISLANDS. MD 3.7 (TRN).
	10	09	49	10.2*	35.738	N	140.968	E	60	*	4.5 3.9	1.0	17	NEAR EAST COAST OF HONSHU, JAPAN
	10	10	14	54.8	40.480	N	21.607	E	10	G		0.3	8	GREECE
	10	10	24	31.9*	6.901	N	72.969	W	167	*	4.0	0.7	9	NORTHERN COLOMBIA
	10	11	19	19.2	5.767	N	126.331	E	106		5.1	0.9	52	MINDANAO, PHILIPPINE ISLANDS
	10	11	30	21.6&	40.717	N	23.684	E	5	G		0.8	6	GREECE
	10	12	01	21.2&	34.065	S	70.022	W	5	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
a	10	12	16	01.1	27.914	N	64.985	E	57	D	5.2	1.3	157	SOUTHWESTERN PAKISTAN. Mw 5.2 (HRV).
	10	13	34	12.3	51.668	N	16.287	E	10	G		0.8	19	POLAND. ML 3.9 (VIE), 3.9 (GRF), 3.4 (CLL), 3.3 (BRA).
	10	13	45	58.5	48.236	N	155.109	E	33	N	4.5	1.0	31	KURIL ISLANDS
	10	14	08	45.7*	40.916	N	144.611	E	33	N	3.8	1.5	9	OFF EAST COAST OF HONSHU, JAPAN
	10	14	55	17.6&	41.118	N	28.422	E	10	G		0.7	6	TURKEY. ML 2.8 (ISK).
	10	15	13	52.3&	65.119	N	150.266	W	9				24	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	10	15	14	20.4&	65.099	N	150.258	W	6				19	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	10	15	14	44.4&	65.116	N	150.275	W	10				13	NORTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
a	10	15	24	18.8	6.815	N	72.993	W	158	D	5.0	1.0	256	NORTHERN COLOMBIA. Mw 5.2 (HRV). MD 5.4 (UPA). Felt at Bucaramanga, Sogamoso and Tunja.
a	10	16	17	38.5	18.136	N	101.384	W	48	G	6.6 6.2	1.1	554	GUERRERO, MEXICO. Mw 6.5 (GS), 6.4 (HRV). Ms 5.7 (BRK). Mo=1.2*10**19 Nm (PPT). Some damage at Mexico City and Zihuatanejo. Depth from broadband displacement seismograms.
	10	16	54	14.5*	34.102	S	70.116	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	10	17	22	56.1&	18.101	N	101.296	W	33	N		0.8	7	GUERRERO, MEXICO
	10	17	35	00.2&	37.019	N	28.928	E	10	G		0.6	5	TURKEY. ML 3.3 (ISK).
	10	17	54	24.7&	34.981	N	116.952	W	0				50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS). Felt in the Barstow area.
	10	18	37	45.2&	60.193	N	153.919	W	219		4.6		121	SOUTHERN ALASKA. <AEIC>. Felt (III) at Anchor Point.
	10	18	43	29.4	44.472	N	7.294	E	10	G		0.8	33	NORTHERN ITALY. ML 3.1 (GEN), 2.8 (LDG).
	10	19	04	16.9?	10.36	S	120.21	E	33	N	3.9	1.0	6	SUMBA REGION, INDONESIA
	10	20	02	20.7	40.905	N	20.884	E	10	G		1.2	14	GREECE-ALBANIA BORDER REGION. ML 2.1 (SKO).
	10	20	55	57.4?	24.45	N	127.29	E	46	D	4.4	1.1	6	SOUTHEAST OF RYUKYU ISLANDS
	10	22	22	03.2	46.022	N	14.051	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU). Felt (III) in the epicentral area.
	10	23	50	23.5?	18.39	N	101.21	W	10	G		1.4	5	GUERRERO, MEXICO
	11	00	08	28.8&	34.012	N	116.320	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	11	01	11	37.9&	60.588	N	152.902	W	144		3.5		88	SOUTHERN ALASKA. <AEIC>.
	11	02	04	05.4&	70.157	N	11.668	E	5	G		1.2	7	NORWEGIAN SEA
a	11	02	25	46.3	5.829	S	104.661	E	51	D	5.7	1.0	107	SOUTHERN SUMATERA, INDONESIA. Mw 5.2 (HRV).
	11	02	43	48.8&	44.770	N	6.629	E	10	G		0.7	6	FRANCE. ML 2.0 (GEN).
	11	03	17	49.5*	18.074	N	101.187	W	95	*	3.8	1.7	18	GUERRERO, MEXICO
	11	03	43	33.9	42.522	N	139.345	E	30		4.8	1.0	72	HOKKAIDO, JAPAN REGION
	11	03	55	25.0?	10.88	N	62.17	W	70	G		0.7	6	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	11	04	28	34.7?	27.32	N	34.65	E	10	G		0.3	7	RED SEA. MD 2.9 (RYD).
	11	05	20	48.3&	58.827	N	152.957	W	5				36	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
	11	06	12	18.2?	31.84	S	72.04	W	10	G		0.6	11	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	11	06	42	28.4*	31.975	S	70.318	W	120	G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	11	07	04	15.9*	5.870	S	148.975	E	130	*	4.8	0.9	10	NEW BRITAIN REGION, P.N.G.
	11	07	44	22.0*	36.076	N	27.561	E	10	G	3.8	1.6	18	DODECANESE ISLANDS. MD 4.1 (ATH). ML 3.7 (ISK).
a	11	09	29	01.4	24.855	S	179.112	W	391	D	5.5	1.1	180	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV).
	11	10	04	43.9*	36.171	N	27.504	E	10	G	4.1	1.3	11	DODECANESE ISLANDS. MD 4.1 (ATH). ML 3.7 (ISK).
	11	10	10	37.6*	36.231	N	27.364	E	10	G		0.9	7	DODECANESE ISLANDS. MD 3.8 (ATH).
	11	10	48	26.1&	33.989	N	118.435	W	14				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS). Felt (III) at Culver City and Torrance; (II) at Santa Monica.
	11	12	19	09.0&	59.659	N	151.821	W	62				37	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	12	27	55.4*	36.202	N	27.526	E	10	G		1.6	9	DODECANESE ISLANDS. ML 3.4 (ISK).
	11	13	30	41.8?	4.67	S	152.00	E	177	*	4.5	1.2	10	NEW BRITAIN REGION, P.N.G.
a	11	14	03	46.2*	3.440	S	149.500	E	33	N	4.8 4.9	1.5	20	BISMARCK SEA. Mw 5.4 (HRV).
	11	15	04	48.2*	42.081	N	1.338	E	10	G		1.2	5	PYRENEES. mbLg 2.8 (MDD). ML 2.3 (STR), 2.3 (LDG).
	11	15	33	46.5?	43.12	N	147.25	E	33	N	4.1	1.5	7	KURIL ISLANDS
	11	16	03	19.5&	34.140	S	69.939	W	5	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	11	16	12	46.5&	64.114	N	148.684	W	14				40	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	11	16	20	02.8?	34.11	S	69.94	W	5	G		0.1	7	CHILE-ARGENTINA BORDER REGION
	11	17	04	38.4&	44.237	N	8.240	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	11	17	04	39.8	36.803	N	20.704	E	33	N		1.5	65	CENTRAL MEDITERRANEAN SEA. ML 4.1 (TTG), 4.0 (THE). MD 3.9 (ATH).
	11	17	31	20.8?	33.37	S	71.89	W	33	N		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	11	18	23	31.3*	36.175	N	27.470	E	10	G		1.4	8	DODECANESE ISLANDS. MD 3.9 (ATH). ML 3.5 (ISK).
	11	19	01	02.5?	51.26	N	15.84	E	10	G		0.5	6	POLAND
	11	19	03	17.1&	39.173	N	28.324	E	10	G		0.3	6	TURKEY. ML 2.9 (ISK).
	11	19	11	01.9&	44.239	N	8.239	E	10	G		0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
	11	19	15	26.6*	45.844	N	149.451	E	33	N	4.6	0.6	41	KURIL ISLANDS
	11	20	48	20.5	44.466	N	6.921	E	5	G		0.4	17	FRANCE. ML 2.1 (GEN), 2.1 (LDG).
	11	20	53	58.1&	37.638	N	118.888	W	2				30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	11	21	06	32.2&	47.410	N	5.980	E	10	G		0.9	7	FRANCE. ML 2.0 (LDG).
	11	22	37	34.8*	36.503	N	71.467	E	33	N	4.3	0.8	20	AFGHANISTAN-TAJIKISTAN BORD REG.
	11	23	09	34.2*	54.544	N	163.265	W	70	G	4.4	1.1	29	UNIMAK ISLAND REGION. ML 4.5 (PMR). Felt (III) at King Cove and (II) at Cold Bay.
	11	23	36	06.2&	32.964	S	72.103	W	5	G		0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	12	00	21	56.4	17.451	N	120.973	E	33	N	4.7	1.2	23	LUZON, PHILIPPINE ISLANDS
	12	00	57	22.8	43.622	N	7.827	E	10	G		0.7	22	NEAR SOUTH COAST OF FRANCE. ML 2.3 (GEN), 1.8 (LDG), 1.5 (STR).
	12	01	03	04.1&	40.384	N	124.431	W	17				4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
	12	01	44	22.2	39.190	N	20.594	E	10	G		1.1	26	GREECE-ALBANIA BORDER REGION. ML 3.4 (THE), 3.3 (TIR). MD 3.4 (ATH).
	12	02	08	56.4&	32.911	S	70.831	W	73	?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	12	02	19	34.8&	40.501	N	27.935	E	10	G		0.5	5	TURKEY. ML 2.8 (ISK).

	12	03	14	05.8?	34.62	S	71.01	W	100	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	12	03	39	47.7%	45.518	N	6.655	E	10	G		0.3	8	FRANCE
	12	04	50	00.5?	15.96	N	99.37	W	33	N		0.8	8	OFF COAST OF GUERRERO, MEXICO
	12	05	01	36.7?	34.06	S	69.96	W	5	G		0.3	7	CHILE-ARGENTINA BORDER REGION
	12	05	04	30.9&	32.022	N	116.347	W	13				7	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.0 (ECX). ML 3.0 (PAS).
	12	05	16	40.8?	15.37	S	70.76	W	148	?	4.8	1.7	13	SOUTHERN PERU
	12	05	50	00.0&	35.927	N	120.474	W	10				56	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS), 2.9 (PAS).
	12	06	25	06.2	3.757	S	141.224	E	33	N	4.6	0.8	17	NEW GUINEA, PAPUA NEW GUINEA
	12	06	35	18.3	31.547	S	68.791	W	118	*		1.0	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	12	07	27	51.7	39.223	S	71.820	W	106		4.4	0.8	21	S. CHILE-ARGENTINA BORDER REGION
a	12	07	41	55.4	17.477	S	69.598	W	148	G	5.9	1.3	449	PERU-BOLIVIA BORDER REGION. Mw 6.3 (GS), 6.2 (HRV). mb 6.1 (BRK). Mo=5.0*10**18 Nm (PPT). Felt (V) at Arica; (IV) at Putre; (II) at Camina, Huara, Iquique and Pica, Chile. Felt (IV) at Arequipa and Moquegua; (III) at Tacna, Peru. Depth from broadband displacement seismograms.
	12	08	58	47.8	73.894	N	8.863	E	10	G	4.9	1.3	75	GREENLAND SEA
	12	09	57	01.0*	21.512	S	169.566	E	33	N	4.2	1.6	12	LOYALTY ISLANDS REGION
	12	10	07	12.9?	33.99	S	70.13	W	5	G		1.4	7	CHILE-ARGENTINA BORDER REGION
	12	10	41	36.7?	29.51	N	80.71	E	33	N	4.5	1.1	8	NEPAL-INDIA BORDER REGION
	12	12	10	19.6?	51.35	N	15.82	E	10	G		1.7	7	POLAND
	12	12	52	54.0	36.397	N	70.811	E	166	*	5.2	1.1	37	HINDU KUSH REGION, AFGHANISTAN
	12	13	00	04.9&	32.054	N	115.405	W	1				11	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.6 (ECX). ML 3.2 (GS).
	12	13	05	31.0&	33.194	N	115.577	W	5				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (IV) at Niland.
	12	13	13	06.0?	40.22	N	29.32	E	10	G		0.2	4	TURKEY. ML 2.7 (ISK).
	12	13	14	06.8	42.501	N	43.402	E	33	N	4.4	1.3	35	NORTHWESTERN CAUCASUS
	12	13	15	29.8&	33.193	N	115.574	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
a	12	14	52	53.3*	9.975	S	119.199	E	26	D	5.9 5.1	1.3	103	SUMBA REGION, INDONESIA. Mw 5.6 (HRV).
	12	15	03	33.4%	39.282	N	29.225	E	10	G		0.6	6	TURKEY. ML 3.2 (ISK).
	12	15	12	03.9	38.175	N	73.021	E	121	D	5.0	0.9	100	TAJIKISTAN-XINJIANG BORDER REG.
	12	15	14	52.3*	51.586	N	7.066	E	10	G		1.6	6	GERMANY. ML 2.7 (UCC), 2.2 (DBN).
	12	15	27	01.5*	35.505	N	24.744	E	33	N		1.1	13	CRETE. MD 3.6 (ATH).
	12	15	43	56.6%	46.167	N	0.174	E	10	G		1.5	7	FRANCE. ML 2.4 (LDG).
	12	15	58	31.8*	64.530	N	9.737	E	10	G		1.3	6	NORWEGIAN SEA. MD 2.8 (BER). ML 2.5 (NAO).
	12	16	26	59.7*	59.983	N	10.850	E	5	G		1.3	9	SOUTHERN NORWAY. MD 2.6 (BER).
	12	16	44	34.3&	60.021	N	152.980	W	120		3.7		89	SOUTHERN ALASKA. <AEIC>.
	12	17	23	23.1?	34.08	S	69.94	W	5	G		0.5	6	CHILE-ARGENTINA BORDER REGION
	12	17	30	34.6*	10.152	N	126.371	E	33	N	4.7	1.0	14	PHILIPPINE ISLANDS REGION
	12	17	47	12.5	43.893	N	7.740	E	10	G		0.7	20	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 2.4 (GEN).
	12	17	49	39.1&	34.141	N	116.430	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
	12	17	54	27.7%	46.190	N	0.198	E	10	G		1.1	7	FRANCE. ML 2.3 (LDG).
	12	19	09	02.2	38.513	N	22.004	E	10	G	3.8	1.2	31	GREECE. ML 3.8 (THE). MD 3.7 (ATH).
	12	19	48	30.8&	35.699	N	117.659	W	12				62	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS). Felt.
	12	20	16	48.2%	33.628	S	71.151	W	57	?		0.4	9	NEAR COAST OF CENTRAL CHILE
	12	20	53	10.5?	33.85	S	72.35	W	5	G		1.3	13	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
a	12	21	49	15.7*	38.977	S	46.586	E	10	G	5.1 4.9	1.2	48	SOUTHWEST INDIAN RIDGE. Mw 5.4 (HRV).
	12	22	36	25.4	43.052	N	0.358	W	5	G		0.7	6	PYRENEES. MD 2.1 (BTH).
	13	00	29	36.7	38.624	N	20.483	E	10	G		1.0	15	GREECE. MD 3.3 (ATH). ML 2.9 (THE).
	13	00	49	45.7?	21.46	S	178.33	W	500	G	4.4	1.2	13	FIJI ISLANDS REGION
a	13	00	50	52.2*	24.059	N	122.639	E	33	N	5.0 4.7	1.0	70	TAIWAN REGION. Mw 5.3 (HRV).
	13	01	43	30.1*	40.392	N	21.521	E	5	G		0.4	5	GREECE. ML 1.9 (THE).
	13	02	41	14.2%	33.521	S	71.574	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	13	05	06	03.3?	5.47	N	81.81	W	33	N	3.8	0.6	7	SOUTH OF PANAMA. MD 4.0 (UPA).
	13	05	41	19.9?	44.36	N	7.29	E	5	G		0.3	4	NORTHERN ITALY. ML 1.5 (GEN).
	13	05	57	16.6*	43.474	N	13.177	E	10	G		1.2	28	CENTRAL ITALY. ML 3.5 (LDG).
	13	07	03	36.2	38.091	N	28.343	E	10	G	3.5	0.9	11	TURKEY. ML 3.6 (ISK).
	13	07	16	57.4%	38.776	N	0.744	W	10	G		0.9	6	SPAIN. mbLg 3.0 (MDD).
	13	07	18	22.1?	7.97	N	127.51	E	33	N	4.7	1.3	17	PHILIPPINE ISLANDS REGION
	13	08	17	39.7?	36.11	N	27.53	E	10	G		1.2	5	DODECANESE ISLANDS. MD 3.9 (ATH).
a	13	08	23	48.2	16.314	N	98.443	W	16	D	5.3 4.9	1.1	184	NEAR COAST OF GUERRERO, MEXICO. Mw 5.5 (HRV). Ms 4.7 (BRK).
	13	08	32	22.3*	16.186	N	98.472	W	10		4.8	1.1	29	NEAR COAST OF GUERRERO, MEXICO
	13	08	37	24.2	16.550	N	98.599	W	21		4.6	1.0	25	NEAR COAST OF GUERRERO, MEXICO
	13	08	54	50.7?	15.57	N	98.71	W	17	D	4.4	1.5	10	OFF COAST OF GUERRERO, MEXICO
	13	09	48	29.1?	39.49	N	12.12	W	10	G	3.8	1.3	59	NORTH ATLANTIC OCEAN. mbLg 4.1 (MDD). MD 3.4 (SFS).
	13	09	49	15.9	39.279	N	25.340	E	10	G		1.0	14	AEGEAN SEA. ML 3.6 (ISK). MD 3.4 (ATH).
	13	09	53	37.9?	15.71	N	98.74	W	33	N	4.1	1.3	6	OFF COAST OF GUERRERO, MEXICO
	13	09	56	16.6?	16.25	N	98.56	W	19	D	4.5	1.4	20	NEAR COAST OF GUERRERO, MEXICO
	13	10	02	53.0	16.203	N	98.460	W	20	D	5.1	1.1	100	NEAR COAST OF GUERRERO, MEXICO
	13	10	07	14.0	15.631	N	147.899	E	33	D	5.2	0.9	102	MARIANA ISLANDS REGION
	13	10	12	44.0%	38.855	N	0.660	W	10	G		0.9	11	SPAIN. mbLg 3.1 (MDD).
	13	10	42	44.6%	43.942	N	7.186	E	5	G		0.4	7	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	13	12	57	55.4?	46.28	N	2.43	E	5	G		0.2	4	FRANCE. ML 1.7 (LDG).
a	13	13	11	14.4	53.985	N	141.904	E	13	D	5.1 4.4	0.9	147	SAKHALIN ISLAND. Mw 5.2 (HRV). Felt (IV) at Okha.
	13	13	56	51.1%	33.279	S	70.491	W	90	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
a	13	14	26	37.7	24.126	S	67.847	W	104	*	4.9	1.0	59	CHILE-ARGENTINA BORDER REGION. Mw 5.1 (HRV).
	13	14	53	44.1*	35.451	N	3.795	W	5	G		1.2	24	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). MD 3.3 (RBA).
	13	15	21	15.0&	38.825	N	122.818	W	0				9	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	13	16	26	25.0	43.966	N	7.584	E	10	G		0.1	11	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
	13	16	41	41.3*	45.996	N	10.652	E	10	G		0.8	8	NORTHERN ITALY. ML 2.1 (VIE).
	13	16	56	41.9	44.593	N	10.497	E	10	G		1.3	19	NORTHERN ITALY. ML 2.8 (LDG), 2.4 (VIE).
	13	17	05	08.9	12.999	N	121.374	E	33	N	5.0	0.9	24	MINDORO, PHILIPPINE ISLANDS
	13	17	33	23.4	27.288	N	54.883	E	33	N	4.9	1.3	102	SOUTHERN IRAN
	13	17	51	44.4&	34.126	N	116.883	W	11				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS). Felt in the Big Bear Lake area.
	13	17	54	33.4	25.228	N	122.757	E	169	D	4.6	0.8	63	TAIWAN REGION
	13	18	22	48.9?	16.78	N	98.11	W	73	*	4.2	1.6	9	NEAR COAST OF GUERRERO, MEXICO
	13	18	42	59.7&	30.593	N	113.878	W	32				12	GULF OF CALIFORNIA. <ECX-P>. MD 4.0 (ECX). ML 4.1 (GS).

	13	19 59 19.4?	15.75	N	98.48	W	33	N			1.3	5	OFF COAST OF GUERRERO, MEXICO
	13	20 05 28.7?	34.37	S	70.12	W	5	G			0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	13	20 11 08.3&	60.252	N	153.628	W	181		3.0			85	SOUTHERN ALASKA. <AEIC>.
a	13	20 27 47.6	3.166	S	130.534	E	25	D	5.3	4.6	1.4	46	SERAM, INDONESIA. Mw 5.5 (HRV).
	13	20 33 29.7&	40.352	N	124.459	W	18					29	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.0 (BRK).
	13	20 55 09.1?	16.69	N	100.20	W	33	N			1.6	6	NEAR COAST OF GUERRERO, MEXICO
	13	23 04 03.3?	38.78	N	0.78	W	10	G			0.9	4	SPAIN. mbLg 2.9 (MDD).
	13	23 26 26.0*	48.249	N	7.636	E	10	G			0.3	7	FRANCE. ML 2.1 (LDG).
	13	23 27 59.2?	38.82	N	0.73	W	10	G			0.2	4	SPAIN. mbLg 2.4 (MDD).
	14	00 23 25.8*	44.347	N	7.659	E	10	G			0.3	9	NORTHERN ITALY. ML 2.5 (LDG).
	14	01 51 00.4	5.580	N	126.341	E	103		5.0		0.9	26	MINDANAO, PHILIPPINE ISLANDS
	14	02 06 12.1*	40.772	N	22.417	E	10				0.7	16	GREECE. ML 2.5 (THE), 2.2 (SKO).
	14	02 34 29.7?	61.70	N	2.52	E	10	G			0.9	7	NORWEGIAN SEA. MD 2.5 (BER).
	14	03 14 57.6&	38.792	N	0.732	W	10	G			0.6	6	SPAIN. mbLg 3.0 (MDD).
	14	03 38 17.5	46.264	N	13.376	E	10	G			1.3	19	AUSTRIA. MD 3.3 (LJU), 3.0 (TRI). ML 2.9 (VIE), 2.8 (LDG). Felt (V) at Livek, Slovenia.
	14	04 23 51.4	37.001	N	29.043	E	10	G			1.2	8	TURKEY. MD 3.8 (ATH). ML 3.4 (ISK).
	14	04 24 56.3&	63.273	N	151.065	W	7					59	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	14	04 44 17.5	43.496	N	17.051	E	10	G			1.2	24	NORTHWESTERN BALKAN REGION. ML 3.3 (ZAG), 2.6 (LJU). MD 3.3 (TRI), 3.2 (TTG).
a	14	06 36 14.1	43.374	N	147.207	E	26	D	5.1	4.9	1.0	166	KURIL ISLANDS. Mw 5.2 (HRV).
	14	07 19 32.3?	43.62	N	148.70	E	33	N	4.0		1.3	8	EAST OF KURIL ISLANDS
a	14	07 28 53.2	9.519	S	159.411	E	16	G	5.8	5.9	1.0	236	SOLOMON ISLANDS. Mw 6.1 (GS), 6.1 (HRV). Ms 5.7 (BRK). Mo=1.9*10**18 Nm (PPT). Two events about 2.7 seconds apart. Depth from broadband displacement seismograms, based on first event.
	14	08 11 43.4&	40.692	N	22.736	E	5	G			0.2	6	GREECE. ML 2.0 (THE).
	14	08 55 58.4	46.012	N	6.353	E	10	G	4.5		1.1	137	SWITZERLAND. ML 5.1 (LDG), 4.8 (GRF), 4.7 (DBN), 4.5 (STR), 4.5 (VIE), 4.5 (FUR), 4.4 (BNS). MD 4.6 (TRI). Felt at Geneva.
	14	08 59 01.4&	38.760	N	0.745	W	10	G			0.8	5	SPAIN. mbLg 2.7 (MDD).
	14	09 29 06.4?	17.64	S	173.65	W	33	N	4.2		1.3	9	TONGA ISLANDS
	14	09 43 14.2	45.986	N	6.402	E	5	G			0.5	21	FRANCE. ML 2.8 (LDG), 2.2 (STR).
	14	10 06 26.4	49.450	N	155.929	E	33	N	4.7		0.7	35	KURIL ISLANDS
	14	10 12 43.7*	26.371	N	44.640	W	10	G	4.6		0.6	19	NORTHERN MID-ATLANTIC RIDGE
	14	10 26 18.6?	43.41	N	147.17	E	33	N	4.2		1.2	7	KURIL ISLANDS
	14	10 33 30.7	37.860	N	20.943	E	10				1.1	22	IONIAN SEA. ML 3.8 (THE). MD 3.8 (ATH).
	14	11 02 44.5?	40.68	N	22.95	E	5	G			0.0	4	GREECE. ML 1.6 (THE).
	14	11 07 37.0&	35.784	N	3.258	W	10	G			0.8	8	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	14	11 29 43.3	45.986	N	10.692	E	10	G			1.2	44	NORTHERN ITALY. ML 3.4 (LJU), 3.3 (GRF), 2.9 (VIE), 2.9 (LDG).
	14	11 56 00.9*	36.166	N	6.171	W	10	G			1.2	12	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD). MD 2.6 (SFS).
	14	11 56 49.9&	38.245	N	28.259	E	10	G			0.1	6	TURKEY. ML 3.5 (ISK).
	14	12 37 32.9*	51.161	N	15.821	E	10	G			0.3	7	POLAND. ML 2.4 (CLL).
	14	14 58 17.9	44.351	N	7.316	E	10	G			0.5	18	NORTHERN ITALY. ML 2.6 (LDG), 2.4 (GEN).
	14	15 35 12.1?	34.79	S	70.91	W	110	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	14	16 14 03.8	43.700	N	147.648	E	33	N	4.9		0.8	40	KURIL ISLANDS
	14	17 33 30.1*	8.468	S	128.713	E	187	?	4.8		0.9	14	TIMOR SEA
	14	18 30 30.3&	33.148	S	70.287	W	5	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
a	14	19 44 31.0	2.729	N	128.158	E	56	D	5.4	5.4	1.3	79	HALMAHERA, INDONESIA. Mw 5.7 (HRV).
	14	20 11 35.0&	44.432	N	7.287	E	10	G			0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
a	14	20 43 53.7	35.104	N	58.633	E	33	N	5.3		1.0	172	NORTHERN IRAN. Mw 5.3 (HRV). ML 4.9 (TEH).
	14	21 02 52.4?	45.26	N	16.75	E	10	G			1.3	11	NORTHWESTERN BALKAN REGION. ML 3.4 (ZAG). MD 3.1 (TRI).
	14	21 25 59.0*	51.057	N	30.008	W	10	G	5.0	4.4	1.0	118	NORTHERN MID-ATLANTIC RIDGE
	14	21 58 49.1?	45.86	N	3.36	E	10	G			0.8	5	FRANCE. ML 1.7 (LDG).
	14	22 01 55.2	45.492	N	3.564	E	10	G			0.7	13	FRANCE. ML 1.7 (LDG), 1.4 (STR).
	14	22 11 13.4?	11.55	S	117.21	E	33	N	4.2		1.0	12	SOUTH OF SUMBAWA, INDONESIA
	14	22 19 39.5?	33.84	S	72.06	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.3 (SAN).
a	14	22 20 02.4*	8.485	S	80.185	W	33	N	5.2	4.9	1.2	76	OFF COAST OF NORTHERN PERU. Mw 5.6 (HRV). Felt (III) at Trujillo.
	15	00 04 31.2&	43.982	N	7.624	E	10	G			0.3	5	NEAR SOUTH COAST OF FRANCE. ML 1.9 (GEN).
	15	00 11 35.1*	0.246	S	91.310	W	33	N	4.8		1.0	41	GALAPAGOS ISLANDS
	15	01 17 22.1?	38.95	N	40.30	E	10	G			1.1	4	TURKEY. ML 3.9 (ISK).
	15	04 38 08.6?	42.10	N	7.90	W	10	G			0.3	4	SPAIN. mbLg 2.9 (MDD).
a	15	04 42 12.2&	58.688	N	150.280	W	39		5.0	4.4		269	GULF OF ALASKA. <AEIC>. Mw 5.2 (HRV). ML 5.0 (AEIC), 5.4 (PMR). Felt (IV) at Birchwood, Homer and Seward; (III) at Anchorage, Cooper Landing, Kasilof, Kodiak and Ninilchik.
	15	05 15 44.7?	37.13	N	28.92	E	10	G			1.3	4	TURKEY. ML 3.2 (ISK).
	15	05 25 06.3?	33.68	S	71.62	W	10	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	15	05 44 47.6&	36.911	N	4.948	W	10	G			1.0	9	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	15	05 51 46.7?	34.40	S	70.60	W	100	G			0.2	8	CHILE-ARGENTINA BORDER REGION
	15	05 59 09.9&	44.139	N	7.863	E	10	G			0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	15	06 09 37.9	36.734	N	89.336	W	5	G			0.5	7	NEW MADRID, MISSOURI REGION. mbLg 2.5 (GS).
	15	06 51 33.4&	44.130	N	7.864	E	10	G			0.4	5	NORTHERN ITALY. ML 1.8 (GEN).
	15	07 16 47.5?	15.30	N	98.74	W	33	N	4.3		1.4	8	OFF COAST OF GUERRERO, MEXICO
	15	08 42 53.5	45.564	N	3.682	E	10	G			0.9	16	FRANCE. ML 2.8 (LDG), 2.3 (STR).
	15	08 56 35.0&	55.000	N	162.000	W	33	N				8	ALASKA PENINSULA. <MACRO>. ML 3.5 (PMR). Felt (IV) at King Cove.
	15	09 10 20.4&	28.720	N	34.702	E	10	G			0.7	6	EGYPT. MD 3.0 (RYD).
	15	09 21 05.1&	59.111	N	153.686	W	106					33	SOUTHERN ALASKA. <AEIC>.
a	15	11 20 22.1	37.282	S	177.523	E	33	N	5.9	6.4	1.3	94	OFF E. COAST OF N. ISLAND, N.Z. Mw 6.5 (GS), 6.3 (HRV). ML 6.2 (WEL). Ms 6.4 (BRK). Mo=9.3*10**18 Nm (PPT). Minor damage occurred at Opotiki. Felt strongly in the Bay of Plenty region. Felt in the northern and central parts of North Island.
	15	12 33 06.2&	59.939	N	149.490	W	41					83	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
	15	13 22 38.8	33.765	N	136.899	E	358		4.8		0.9	94	NEAR S. COAST OF WESTERN HONSHU
	15	14 50 07.6&	33.140	S	70.270	W	5	G			0.5	7	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	15	15 08 10.7	1.864	N	120.717	E	29	D	5.0		0.8	30	MINAHASSA PENINSULA, SULAWESI
	15	15 26 18.7	41.208	N	21.961	E	5	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).

	15	16 06 32.9*	32.370	S	71.680	W	10	G			1.2	13	NEAR COAST OF CENTRAL CHILE
	15	16 58 04.5*	37.544	S	177.547	E	18	D	4.9	4.3	1.2	21	OFF E. COAST OF N. ISLAND, N.Z.
	15	18 31 10.0?	37.42	S	177.61	E	33	N	4.5	4.5	1.7	8	OFF E. COAST OF N. ISLAND, N.Z.
	15	22 07 09.4&	44.560	N	7.139	E	10	G			0.1	8	NORTHERN ITALY. ML 2.0 (GEN).
	15	23 02 36.0	43.559	N	127.289	W	10	G			0.7	75	OFF COAST OF OREGON
	15	23 24 48.6*	28.956	N	52.641	E	33	N	4.7		0.9	111	SOUTHERN IRAN
a	15	23 56 11.4	3.262	S	139.842	E	114	D	5.7		0.9	142	IRIAN JAYA, INDONESIA. Mw 5.8 (HRV).
	16	00 44 33.5?	28.68	N	34.80	E	10	G			0.7	6	EGYPT. MD 3.2 (RYD).
	16	01 02 47.4	42.640	N	111.079	W	5	G			1.0	14	EASTERN IDAHO. ML 3.2 (GS).
	16	01 46 20.3	11.829	N	86.273	W	130	D	4.6		1.3	70	NEAR COAST OF NICARAGUA. MD 4.5 (UPA).
	16	02 10 19.9?	47.26	N	11.00	E	10	G			0.2	4	AUSTRIA. ML 1.1 (VIE).
	16	03 03 38.4&	40.688	N	125.202	W	8		4.1			140	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.4 (BRK), 4.3 (GS). MD 4.2 (GM). Mo=1.3*10**16 Nm (BRK). Felt (III) at Eureka and McKinleyville; (II) at Loleta.
	16	04 13 31.0&	64.893	N	149.021	W	0					15	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	04 13 35.5&	64.887	N	148.965	W	0					16	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
	16	04 31 38.5	3.533	N	78.824	W	30	D	4.8		1.4	56	SOUTH OF PANAMA. MD 4.4 (UPA).
	16	05 45 09.9	44.106	N	21.348	E	10	G	4.3		1.1	88	NORTHWESTERN BALKAN REGION. MD 4.4 (TRI). ML 4.2 (TTG), 4.1 (TIR).
	16	05 46 18.9*	31.667	S	69.538	W	150	G			0.6	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	16	05 52 00.7	35.341	N	26.520	E	47		4.2		1.3	58	CRETE
	16	06 20 53.8*	43.729	N	147.230	E	33	N	4.7		1.1	22	KURIL ISLANDS
	16	06 55 16.3?	38.90	N	71.60	E	33	N	4.4		1.2	17	AFGHANISTAN-TAJIKISTAN BORD REG.
	16	06 56 50.2&	38.291	N	28.256	E	10	G			0.6	5	TURKEY. ML 3.1 (ISK).
	16	08 36 43.5&	11.036	N	61.820	W	33	N			0.6	6	WINDWARD ISLANDS. MD 2.9 (TRN).
	16	09 02 05.0?	11.13	N	62.13	W	109	?			0.4	13	WINDWARD ISLANDS. MD 4.1 (TRN).
	16	10 50 08.2&	32.079	N	114.914	W	2					2	W. ARIZONA-SONORA BORDER REGION. <ECX-P>. MD 2.9 (ECX).
	16	11 19 57.2?	16.69	N	95.97	W	33	N	4.2		1.6	8	OAXACA, MEXICO
	16	11 51 14.1?	20.49	S	177.98	W	500	G	4.2		1.6	12	FIJI ISLANDS REGION
	16	12 43 20.7	41.650	N	22.374	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 1.7 (SKO).
	16	12 45 24.3	39.018	N	75.659	E	20	D	4.8		1.0	25	SOUTHERN XINJIANG, CHINA
	16	13 29 01.8*	42.641	N	23.930	E	10	G			1.5	8	BULGARIA. ML 2.9 (THE).
	16	15 58 36.5&	33.191	S	70.338	W	5	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	16	17 29 46.0?	43.09	N	0.49	W	5	G			0.1	4	PYRENEES. ML 1.0 (STR).
	16	19 18 40.3&	36.670	N	121.290	W	6					37	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.8 (GS).
	16	20 40 42.6?	34.58	N	25.99	E	33	N	3.9		1.3	8	CRETE
	16	20 50 56.6?	40.59	N	30.29	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	16	20 59 43.0	43.083	N	0.428	W	5	G			0.1	6	PYRENEES. MD 2.1 (BTH).
	16	21 25 04.3*	36.724	N	70.472	E	152	?	4.2		0.6	19	HINDU KUSH REGION, AFGHANISTAN
	16	21 32 01.4?	36.39	N	6.03	W	10	G			1.7	4	STRAIT OF GIBRALTAR. MD 2.4 (SFS).
	16	21 52 08.5?	58.87	S	27.24	W	33	N	4.8		1.3	9	SOUTH SANDWICH ISLANDS REGION
	16	23 59 13.0	43.554	N	7.703	E	10	G			0.6	20	NEAR SOUTH COAST OF FRANCE. ML 2.3 (GEN), 2.0 (LDG), 1.5 (STR).
	17	00 20 09.5&	39.092	N	28.637	E	10	G			0.6	5	TURKEY. ML 3.0 (ISK).
	17	00 25 16.7	40.963	N	22.831	E	5	G			0.2	9	GREECE. ML 2.3 (THE), 1.9 (SKO).
	17	00 41 51.5?	0.23	S	124.33	E	70	?	4.5		1.6	8	SOUTHERN MOLUCCA SEA
	17	00 58 58.9?	56.06	S	25.90	W	31	D	4.8	4.1	1.2	16	SOUTH SANDWICH ISLANDS REGION
	17	01 00 11.4&	33.867	S	70.602	W	90	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	17	02 07 35.4&	65.116	N	150.436	W	12					69	NORTHERN ALASKA. <AEIC>. ML 4.1 (AEIC), 4.2 (PMR). Felt (IV) at Manley Hot Springs; (III) at Fairbanks and Healy.
	17	03 12 51.4&	61.436	N	150.967	W	66					57	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 2.8 (PMR).
	17	03 20 42.8?	37.01	N	3.75	W	10	G			0.5	4	SPAIN. mbLg 2.1 (MDD).
	17	04 09 23.6&	40.911	N	23.743	E	5	G			0.4	6	GREECE. ML 2.3 (THE).
	17	05 07 39.9&	62.075	N	150.812	W	61					49	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	05 34 40.5	51.140	N	5.782	E	10	G			1.4	23	THE NETHERLANDS. ML 2.7 (LDG), 2.4 (UCC), 2.2 (DBN), 2.1 (BNS).
	17	05 40 11.4	34.345	N	26.111	E	33	N	4.1		0.8	37	CRETE
	17	06 54 16.0*	17.364	S	167.877	E	33	N	4.4		1.4	7	VANUATU ISLANDS
	17	07 23 21.8	42.853	N	147.960	E	37	D	4.9		1.1	58	OFF COAST OF HOKKAIDO, JAPAN
	17	09 09 24.8&	59.513	N	151.534	W	47					39	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	09 51 13.0*	32.777	S	71.693	W	10	G			0.6	11	NEAR COAST OF CENTRAL CHILE
	17	09 51 33.4?	32.38	S	70.21	W	120	G			0.4	11	CHILE-ARGENTINA BORDER REGION
	17	11 37 38.3?	39.16	N	30.86	E	10	G			0.2	4	TURKEY. ML 3.1 (ISK).
	17	11 41 13.5*	51.428	N	15.636	E	10	G			0.4	6	POLAND
	17	12 17 11.0&	65.090	N	150.462	W	13					23	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	17	12 37 11.2&	39.686	N	29.513	E	10	G			0.4	5	TURKEY. ML 2.8 (ISK).
	17	13 10 42.9*	6.853	N	82.376	W	10	G	4.6		1.0	15	SOUTH OF PANAMA. MD 4.5 (UPA).
	17	13 11 38.8*	3.307	S	135.804	E	33	N	4.6		1.5	6	IRIAN JAYA REGION, INDONESIA
	17	13 11 59.2	34.498	N	26.243	E	45		4.7		1.1	165	CRETE. MD 4.4 (ATH).
	17	13 47 12.2&	41.125	N	28.462	E	10	G			0.8	5	TURKEY. ML 2.8 (ISK).
	17	13 55 50.1*	4.745	S	103.227	E	33	N	5.4		1.1	29	SOUTHERN SUMATERA, INDONESIA
	17	14 43 09.6&	35.510	N	3.731	W	10	G			0.7	9	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	17	15 06 16.6?	38.73	N	23.30	E	10	G			0.8	11	GREECE. ML 2.9 (THE).
	17	15 18 14.4&	36.859	N	28.929	E	10	G			0.7	5	DODECANESE ISLANDS. ML 3.4 (ISK).
	17	16 04 03.8	22.216	S	179.547	W	590	*	4.7		0.9	51	SOUTH OF FIJI ISLANDS
	17	16 08 45.9?	36.35	N	28.98	E	10	G			0.7	4	DODECANESE ISLANDS. ML 3.4 (ISK).
	17	17 27 14.3&	33.326	S	71.428	W	50	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	17	18 09 33.4	36.270	N	9.116	W	25				1.5	30	WEST OF GIBRALTAR. mbLg 3.8 (MDD).
	17	18 25 23.1*	36.275	N	9.225	W	19				1.4	31	WEST OF GIBRALTAR. mbLg 3.8 (MDD).
	17	18 30 50.9?	36.57	N	8.81	W	10	G			0.7	9	WEST OF GIBRALTAR. mbLg 3.1 (MDD).
	17	18 49 53.0*	67.660	N	161.973	W	10	G	3.4		1.4	10	NORTHERN ALASKA. ML 3.5 (PMR).
	17	19 47 24.9*	4.254	S	134.252	E	33	N	4.5		1.2	14	IRIAN JAYA REGION, INDONESIA
	17	20 11 07.4*	18.128	N	101.516	W	29	*	4.3		1.0	12	GUERRERO, MEXICO
	17	20 35 45.8*	7.089	S	128.290	E	33	N			1.1	20	BANDA SEA
	17	21 06 02.0*	3.626	N	82.748	W	33	N	4.6		1.0	13	SOUTH OF PANAMA. MD 4.6 (UPA).
a	17	21 07 57.9*	27.320	S	176.715	W	35	D	5.2	5.4	1.4	69	KERMADEC ISLANDS REGION. Mw 5.8 (HRV). Ms 5.2 (BRK).
	17	23 02 23.1?	31.94	S	69.69	W	130	G			1.3	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
	17	23 14 43.3?	32.85	S	71.51	W	33	N			1.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	17	23 42 00.7?	36.51	N	3.12	W	10	G			0.0	4	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	17	23 55 55.6?	34.94	N	23.76	E	33	N			1.2	5	CRETE. MD 3.5 (ATH).
	18	02 56 00.1	46.372	N	1.499	E	5	G			1.1	19	FRANCE. ML 3.0 (LDG), 2.4 (STR).
	18	03 26 12.1&	39.166	N	28.383	E	10	G			0.3	7	TURKEY. ML 3.0 (ISK).

	18	03	45	03.0%	44.600	N	6.970	E	10	G		0.3	5	FRANCE. ML 2.0 (GEN).
	18	04	13	12.3?	37.44	S	177.53	E	33	N	4.8 4.8	1.0	8	OFF E. COAST OF N. ISLAND, N.Z.
	18	04	57	48.3	43.067	N	147.559	E	33	N	4.5	1.2	30	KURIL ISLANDS
	18	05	14	25.6%	32.909	S	70.345	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	18	06	27	26.9%	37.217	N	3.668	W	10	G		0.7	5	SPAIN. mbLg 2.2 (MDD).
	18	06	32	32.8%	41.672	N	7.417	W	5	G		0.4	6	PORTUGAL. mbLg 3.2 (MDD).
	18	06	43	12.5?	10.98	N	62.38	W	90	G		0.5	8	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	18	07	55	30.6	56.127	N	153.144	W	10	G	3.6	1.0	57	KODIAK ISLAND REGION. ML 3.8 (AEIC).
	18	08	37	23.5&	60.466	N	151.455	W	60				43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	09	30	08.6*	10.903	S	123.827	E	88	*	4.3	1.2	16	TIMOR REGION, INDONESIA
	18	09	52	38.4&	58.956	N	153.335	W	80				32	KODIAK ISLAND REGION. <AEIC>.
a	18	11	07	33.5	37.373	N	139.799	E	15	D	5.3 5.1	1.0	128	EASTERN HONSHU, JAPAN. Mw 5.3 (HRV). Felt (IV JMA) at Aizu-Wakamatsu; (III JMA) at Nikko and Shirakawa.
	18	11	22	48.6	56.278	N	152.941	W	10	G	3.7	0.7	38	KODIAK ISLAND REGION. ML 3.8 (AEIC).
a	18	11	40	40.5	44.029	N	148.088	E	33	N	5.2	0.7	129	KURIL ISLANDS. Mw 5.1 (HRV).
	18	12	51	59.6	37.293	N	139.844	E	33	N	4.8	1.0	71	EASTERN HONSHU, JAPAN
	18	13	34	02.5%	33.244	S	70.528	W	90	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	18	13	34	59.6	41.218	N	21.973	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 1.8 (SKO).
	18	13	36	30.5%	10.583	N	61.456	W	10	G		1.6	5	TRINIDAD. MD 2.9 (TRN).
	18	13	37	48.8?	7.01	S	150.84	E	74	?	4.3	0.7	9	NEW BRITAIN REGION, P.N.G.
	18	13	45	44.2?	43.58	N	147.82	E	33	N	4.2	1.7	6	KURIL ISLANDS
	18	13	54	03.8?	43.88	N	148.38	E	33	N	4.1	1.6	7	EAST OF KURIL ISLANDS
	18	14	44	26.3?	38.25	N	28.20	E	10	G		0.9	4	TURKEY. ML 2.9 (ISK).
	18	15	06	50.1	40.832	N	20.845	E	5	G		1.3	21	GREECE-ALBANIA BORDER REGION. ML 3.2 (TTG), 2.8 (THE).
	18	15	48	50.2&	30.543	N	114.077	W	37				3	GULF OF CALIFORNIA. <ECX-P>. MD 3.6 (ECX).
	18	16	11	30.3	48.428	N	7.753	E	10	G		0.4	8	FRANCE. ML 2.5 (LDG).
	18	16	27	12.3%	40.557	N	27.467	E	10	G		0.4	5	TURKEY. ML 3.0 (ISK).
	18	16	38	15.3	35.277	N	39.745	E	10	G	4.6	0.9	55	JORDAN - SYRIA REGION. ML 5.0 (BHL). MD 4.8 (RYD).
	18	17	35	29.3&	57.352	N	153.846	W	42				31	KODIAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC).
	18	18	09	50.7&	63.747	N	149.281	W	117				47	CENTRAL ALASKA. <AEIC>.
	18	18	53	05.6&	38.741	N	119.708	W	0				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
a	18	20	38	32.0	17.838	S	178.703	W	545	G	5.6	0.9	482	FIJI ISLANDS REGION. Mw 5.7 (GS), 5.7 (HRV). Depth from broadband displacement seismograms.
	18	20	43	02.1%	37.808	N	27.231	E	10	G		0.7	6	TURKEY. ML 3.5 (ISK).
	18	23	15	35.3*	23.457	S	70.810	W	33	D	4.8	1.7	18	NEAR COAST OF NORTHERN CHILE
	18	23	44	51.3%	47.002	N	0.528	E	5	G		0.9	13	FRANCE. ML 2.8 (LDG).
	18	23	47	49.4	43.894	N	7.421	E	5	G		0.3	6	NEAR SOUTH COAST OF FRANCE. ML 1.4 (LDG), 1.0 (STR).
	19	01	11	16.9?	44.00	N	7.20	E	5	G		0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	19	01	59	43.0	40.805	N	22.916	E	5	G		0.5	8	GREECE. ML 2.2 (THE), 1.7 (SKO).
	19	02	24	15.7	39.574	N	79.516	E	28	D	4.9	0.9	63	SOUTHERN XINJIANG, CHINA
	19	02	27	02.2*	51.577	N	7.692	E	10	G		1.3	12	GERMANY. ML 3.2 (UCC), 2.7 (DBN).
	19	02	36	34.4?	22.05	S	179.58	W	557	?	4.8	1.1	21	SOUTH OF FIJI ISLANDS
	19	03	22	17.8*	34.032	N	72.060	E	33	N	4.1	0.9	16	PAKISTAN
	19	03	58	14.5?	48.01	N	3.06	W	5	G		1.0	14	FRANCE. ML 3.0 (LDG).
	19	05	00	26.1&	60.711	N	150.399	W	45				32	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	19	05	09	23.6*	39.651	N	23.834	E	10	G		0.6	9	AEGEAN SEA. ML 2.6 (THE).
	19	05	16	37.0?	37.60	N	139.20	E	33	N		1.4	6	EASTERN HONSHU, JAPAN
	19	05	19	57.5	37.649	N	21.221	E	10	G	3.6	1.4	28	SOUTHERN GREECE. ML 3.7 (THE). MD 3.6 (ATH).
	19	05	39	43.8?	51.13	N	15.65	E	10	G		1.3	6	POLAND
	19	05	45	10.5	41.085	N	20.037	E	5	G		0.9	30	ALBANIA. ML 3.6 (TIR), 3.6 (TTG), 3.4 (THE), 2.9 (SKO). MD 3.6 (ATH).
	19	06	00	59.0?	37.70	N	27.04	E	10	G		1.1	4	TURKEY. ML 3.1 (ISK).
	19	06	21	04.6*	9.415	S	124.331	E	97	*	4.5	1.1	20	TIMOR REGION, INDONESIA
	19	06	54	05.2	35.693	N	139.261	E	10	G	4.8	1.1	40	NEAR S. COAST OF HONSHU, JAPAN
	19	06	57	48.6?	47.01	S	33.47	E	10	G	4.6	1.3	7	PRINCE EDWARD ISLANDS REGION
	19	07	06	05.8*	21.654	N	143.717	E	216	?	4.4	1.0	24	MARIANA ISLANDS REGION
a	19	08	41	30.1	15.614	N	94.480	W	30	D	5.1	1.2	100	NEAR COAST OF OAXACA, MEXICO. Mw 5.2 (HRV).
a	19	09	22	04.5*	54.103	S	143.412	E	10	G	5.4 5.5	1.3	33	WEST OF MACQUARIE ISLAND. Mw 5.7 (HRV).
	19	10	04	59.9*	43.579	N	148.155	E	33	N		1.0	7	EAST OF KURIL ISLANDS
	19	10	09	57.6%	28.722	N	34.837	E	10	G		0.6	6	EGYPT. MD 3.1 (RYD).
	19	11	19	30.9?	40.44	N	23.67	E	5	G		0.2	4	GREECE. ML 2.2 (THE).
	19	11	27	25.4&	59.001	N	152.209	W	21				47	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
	19	12	00	21.7*	34.659	S	109.348	W	10	G	5.0	1.0	21	SOUTHERN EAST PACIFIC RISE
	19	12	15	43.8?	40.47	N	21.84	E	5	G		0.5	4	GREECE
a	19	13	08	43.5*	34.458	S	108.234	W	10	G	5.4 4.8	1.3	28	SOUTHERN EAST PACIFIC RISE. Mw 5.2 (HRV).
	19	14	59	58.5*	40.934	N	47.816	E	33	N	4.6	1.5	18	EASTERN CAUCASUS. Felt (VI) at Ismailly and (IV) at Stepanakert, Azerbaijan.
	19	17	19	27.1*	4.675	S	153.091	E	73	?	4.2	0.8	8	NEW IRELAND REGION, P.N.G.
a	19	17	41	15.4	17.820	S	178.631	W	578	D	5.2	0.9	142	FIJI ISLANDS REGION. Mw 5.5 (HRV).
	19	19	46	54.2*	43.666	N	147.760	E	33	N	4.7	1.0	40	KURIL ISLANDS
	19	20	13	51.1&	46.753	N	112.342	W	6				10	MONTANA. <BUT>. ML 2.9 (BUT).
	19	21	49	36.6&	60.157	N	152.903	W	114				47	SOUTHERN ALASKA. <AEIC>.
	19	22	22	32.0?	48.21	N	1.60	W	10	G		0.5	5	FRANCE. ML 2.5 (LDG).
	19	22	54	48.5?	31.84	S	71.47	W	10	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	20	01	35	59.1%	39.426	N	27.775	E	10	G		0.7	5	TURKEY. ML 3.0 (ISK).
	20	02	50	48.2&	60.560	N	146.759	W	14		3.5		69	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	20	04	59	16.5%	40.176	N	29.506	E	10	G		0.7	6	TURKEY. ML 2.9 (ISK).
	20	05	16	54.3	43.816	N	147.800	E	33	N	5.2	0.9	151	KURIL ISLANDS
	20	05	20	43.1?	33.86	S	70.86	W	5	G		1.7	4	CHILE-ARGENTINA BORDER REGION
	20	06	16	42.2?	43.30	N	147.58	E	33	N	4.3	1.6	10	KURIL ISLANDS
a	20	08	13	30.4*	12.865	N	121.332	E	33	N	5.2 4.7	1.0	56	MINDORO, PHILIPPINE ISLANDS. Mw 5.3 (HRV).
	20	10	24	22.5%	40.441	N	23.286	E	5	G		0.4	6	GREECE. ML 1.9 (THE).
	20	10	27	47.1&	35.917	N	120.465	W	9		4.5		155	CENTRAL CALIFORNIA. <GM-P>. MD 5.0 (GM). ML 5.0 (BRK), 4.9 (PAS). Felt (IV) at Atascadero, Bradley, Coalinga, Creston, Lockwood, Paso Robles, San Ardo, San Luis Obispo and Shandon; (III) at Arroyo Grande, Cayucos, Huron, San Miguel, Santa Cruz and Soledad. Felt in Kings, Monterey and San Luis Obispo Counties.
	20	10	32	15.4&	61.772	N	151.807	W	107				61	SOUTHERN ALASKA. <AEIC>.
	20	10	39	42.6%	38.893	N	26.867	E	10	G		0.4	7	AEGEAN SEA. ML 3.5 (ISK).
	20	10	45	49.5?	15.82	S	171.69	E	33	N		1.1	16	VANUATU ISLANDS REGION
	20	11	08	50.6	6.134	S	103.933	E	37	D	5.5	1.0	85	SOUTHWEST OF SUMATERA, INDONESIA
	20	11	19	27.0*	7.214	N	127.097	E	18	D	5.0	1.6	24	PHILIPPINE ISLANDS REGION

	20	11	38	46.6?	36.73	N	21.33	E	10	G		1.3	5	SOUTHERN GREECE. MD 3.4 (ATH).
	20	11	42	05.9%	39.871	N	30.028	E	10	G		0.8	6	TURKEY. ML 2.8 (ISK).
	20	12	39	51.7*	11.864	N	87.245	W	95	D	4.5	1.1	34	NEAR COAST OF NICARAGUA
	20	12	55	06.3&	35.914	N	120.464	W	7				45	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.3 (BRK), 3.3 (PAS), 3.2 (GS).
	20	13	05	14.3%	34.323	S	70.447	W	110	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	20	13	31	36.8*	39.346	S	74.042	W	33	N	4.5	0.6	13	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt at Valdivia.
	20	13	46	36.4*	29.973	N	141.897	E	33	N	4.6	1.2	19	SOUTH OF HONSHU, JAPAN
	20	14	24	07.9?	47.15	N	11.23	E	10	G		0.1	4	AUSTRIA. ML 1.1 (VIE).
	20	15	00	05.0	39.590	N	141.048	E	91	D	4.9	0.9	115	EASTERN HONSHU, JAPAN
	20	15	05	18.1%	34.305	S	70.774	W	90	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	20	15	53	31.8*	18.253	N	145.241	E	509		4.7	0.7	17	MARIANA ISLANDS
	20	16	00	55.5?	37.19	N	3.71	W	10	G		0.3	4	SPAIN. mbLg 2.3 (MDD).
	20	19	15	25.9&	60.226	N	152.899	W	113				64	SOUTHERN ALASKA. <AEIC>.
	20	19	56	10.2&	46.823	N	117.634	W	14				11	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
	20	22	14	10.9&	38.731	N	119.719	W	3				51	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 4.0 (BRK), 3.7 (GS). Felt at Gardnerville and Yerington, Nevada.
	20	23	50	57.7*	68.554	N	17.751	W	10	G	4.3 3.7	1.4	23	ICELAND REGION
	21	00	00	44.1?	6.95	S	147.50	E	83	*	4.4	0.1	6	EASTERN NEW GUINEA REG., P.N.G.
	21	01	08	00.2&	38.731	N	119.706	W	0				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	21	01	28	24.9&	61.068	N	151.327	W	58				44	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	21	01	50	46.9?	6.77	S	130.45	E	196	?		0.5	5	BANDA SEA
	21	02	50	56.1	31.740	S	69.570	W	138	?		0.8	18	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	21	03	05	54.3?	43.84	N	147.20	E	10	G	3.9	0.7	5	KURIL ISLANDS
	21	05	21	56.6?	43.82	N	147.60	E	10	G	4.1	1.1	5	KURIL ISLANDS
	21	05	50	11.9&	38.732	N	119.721	W	4				87	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.0 (GM). ML 4.3 (BRK), 4.0 (GS). Felt (III) at Gardnerville, Nevada. Also felt at Yerington, Nevada.
	21	05	59	31.3%	37.074	N	4.421	W	5	G		0.9	7	SPAIN. mbLg 2.2 (MDD).
	21	06	11	53.8?	44.28	N	6.75	E	5	G		0.5	5	FRANCE. ML 2.1 (GEN).
	21	06	41	20.5?	43.91	N	147.27	E	10	G	3.9	0.7	5	KURIL ISLANDS
	21	07	01	37.1&	38.723	N	119.744	W	0	G			38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
	21	07	09	54.2?	34.54	S	71.04	W	80	G		0.6	7	NEAR COAST OF CENTRAL CHILE
	21	07	35	54.9%	32.922	S	70.280	W	100	G		0.7	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	21	07	41	57.2	44.540	N	129.778	W	10	G	3.6	0.7	87	OFF COAST OF OREGON
	21	09	45	51.5?	28.75	N	35.63	E	10	G		1.1	4	WESTERN ARABIAN PENINSULA
	21	10	22	13.5	37.252	N	21.138	E	10	G		0.8	30	SOUTHERN GREECE. ML 4.0 (ATH), 3.7 (THE).
	21	10	49	11.1*	39.549	N	19.708	E	5	G		0.8	11	GREECE-ALBANIA BORDER REGION. ML 3.4 (THE).
a	21	11	22	11.5	22.408	N	118.646	E	16	D	5.2	0.8	96	TAIWAN REGION. Mw 5.1 (HRV).
	21	11	35	44.7?	39.68	N	29.58	E	10	G		0.9	4	TURKEY. ML 2.8 (ISK).
	21	12	07	46.7%	43.860	N	7.033	E	5	G		0.5	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN).
	21	12	25	15.3	51.515	N	16.128	E	28		4.2	0.5	30	POLAND. ML 4.4 (GRF), 4.1 (VIE), 3.8 (MOX).
	21	13	01	09.9*	51.070	N	15.846	E	10	G		1.2	6	POLAND. ML 2.7 (MOX).
	21	14	08	40.7&	60.239	N	153.120	W	120				35	SOUTHERN ALASKA. <AEIC>.
	21	14	08	45.1	44.567	N	115.814	W	10	G		0.3	10	WESTERN IDAHO. ML 2.9 (BUT).
	21	15	01	32.7%	37.350	N	21.579	E	5	G		0.7	6	SOUTHERN GREECE. ML 3.2 (ATH).
	21	15	55	13.8	43.422	N	5.453	E	5	G		0.6	15	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	21	16	01	42.8&	38.733	N	119.759	W	1				5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	21	16	51	56.4*	17.185	N	95.747	W	134	*	3.4	1.1	10	OAXACA, MEXICO
	21	16	54	44.4*	17.108	N	94.868	W	184	?	3.4	1.2	9	CHIAPAS, MEXICO
a	21	17	43	30.3	0.816	N	126.230	E	36	*	5.3	1.0	50	NORTHERN MOLUCCA SEA. Mw 5.1 (HRV).
	21	18	46	33.3*	44.493	N	129.799	W	10	G	3.3	0.6	63	OFF COAST OF OREGON
	21	18	50	31.3*	44.534	N	129.641	W	10	G	3.2	0.7	62	OFF COAST OF OREGON
	21	19	27	40.0*	16.448	N	98.958	W	55	?	3.7	1.3	6	NEAR COAST OF GUERRERO, MEXICO
	21	19	28	24.4%	33.134	S	70.266	W	10	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	21	19	35	09.5%	44.483	N	7.388	E	5	G		0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	21	19	47	41.6?	27.44	N	140.24	E	459	?	4.3	0.5	18	BONIN ISLANDS REGION
	21	20	05	07.4&	38.752	N	119.640	W	0	G			5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	21	20	05	38.0%	40.297	N	23.900	E	5	G		0.4	7	GREECE. ML 2.5 (THE).
	21	20	18	07.6	49.517	N	28.545	W	10	G	4.7 4.6	0.9	103	NORTHERN MID-ATLANTIC RIDGE
	21	20	34	12.7	19.862	S	176.070	W	211	*	5.1	0.9	34	FIJI ISLANDS REGION
	21	21	35	31.7	33.939	S	70.246	W	10	G		0.6	15	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	21	21	52	56.4%	34.014	S	70.098	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	21	22	45	00.7?	42.97	N	22.21	E	5	G		1.3	7	BULGARIA
	21	22	48	14.6%	34.029	S	70.072	W	10	G		0.1	7	CHILE-ARGENTINA BORDER REGION
	21	23	12	13.4	34.062	S	70.093	W	5	G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	21	23	35	34.3	13.142	N	121.159	E	33	N	5.1	0.6	24	MINDORO, PHILIPPINE ISLANDS
	21	23	56	22.2*	22.034	S	68.430	W	128	?	4.9	1.3	8	NORTHERN CHILE
	22	00	05	55.4*	22.957	S	69.231	W	33	N	4.6	0.6	6	NORTHERN CHILE
	22	00	59	10.1	41.938	N	138.831	E	30	D	4.9	0.8	80	EASTERN SEA OF JAPAN
	22	01	19	33.1&	31.809	N	116.224	W	21				22	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.0 (ECX). ML 3.0 (GS).
	22	01	46	08.6%	37.124	N	4.389	W	10	G		0.8	7	SPAIN. mbLg 2.3 (MDD).
	22	02	07	00.2%	38.594	N	6.243	W	10	G		0.8	9	SPAIN. mbLg 3.3 (MDD).
	22	02	27	58.6&	61.941	N	150.939	W	68		2.8		76	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	22	02	30	35.4&	38.731	N	119.708	W	0	G			8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	22	02	49	22.2?	12.09	N	88.30	W	33	N	4.4	0.7	18	OFF COAST OF CENTRAL AMERICA
	22	04	11	05.0	22.492	N	118.655	E	33	N	4.8	1.1	36	TAIWAN REGION
	22	04	36	02.5*	34.183	S	70.321	W	10	G		0.8	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	22	04	37	34.7?	4.24	S	144.27	E	142	?	3.6	0.2	5	NEAR N COAST OF NEW GUINEA, PNG.
	22	04	40	31.1&	59.629	N	152.835	W	97		2.6		82	SOUTHERN ALASKA. <AEIC>.
	22	04	45	15.0&	38.727	N	119.749	W	0	G			38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	22	05	56	59.3	34.905	N	135.597	E	370		4.9	0.7	146	NEAR S. COAST OF WESTERN HONSHU
	22	06	58	31.4	39.956	N	21.833	E	10	G	4.1	0.9	53	GREECE. ML 3.9 (TTG), 3.8 (ATH), 3.7 (THE).
	22	07	01	47.6%	40.001	N	21.740	E	5	G		0.6	5	GREECE
	22	07	03	10.1?	26.69	N	34.66	E	10	G		0.2	7	RED SEA. MD 3.5 (RYD).
	22	08	22	29.1*	51.299	N	15.841	E	10	G		0.4	6	POLAND
	22	10	02	03.2?	40.71	N	22.94	E	5	G		1.3	4	GREECE. ML 1.5 (THE).
	22	10	04	16.1%	33.923	S	70.054	W	130	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	22	12	19	42.6&	36.721	N	121.361	W	4				32	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).

	22	12	53	36.4?	5.43	S	152.40	E	71 ?	4.5	0.6	8	NEW BRITAIN REGION, P.N.G.
	22	13	19	07.1&	33.287	N	115.703	W	4			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	22	13	39	24.9?	27.72	N	131.38	E	33 N	4.8	0.8	16	SOUTHEAST OF RYUKYU ISLANDS
	22	14	02	58.1?	44.53	N	7.25	E	10 G		0.1	4	NORTHERN ITALY. ML 1.2 (GEN).
	22	14	43	21.1&	61.969	N	150.889	W	58			61	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).
	22	15	45	30.8?	45.90	N	6.90	E	5 G		0.3	6	FRANCE. ML 2.4 (GEN).
	22	15	48	34.8&	33.286	N	115.701	W	4			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	22	16	03	16.4?	38.50	N	28.53	W	5 G		0.1	4	AZORES ISLANDS. MD 3.2 (PDA).
	22	16	03	26.9&	33.286	N	115.703	W	4			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	22	16	24	44.6&	38.628	N	119.825	W	0			8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	22	17	09	44.7	32.907	S	70.544	W	90 G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	22	17	17	50.5?	37.46	N	3.65	W	10 G		0.6	4	SPAIN
	22	17	59	51.0	15.794	N	146.902	E	33 N	4.9	0.9	40	MARIANA ISLANDS
	22	19	26	49.4	12.907	N	89.487	W	57	4.7	0.9	28	OFF COAST OF CENTRAL AMERICA. MD 4.5 (GCG), 4.1 (SSS). Felt (III) at San Salvador, El Salvador.
	22	20	42	13.3	39.981	N	21.713	E	5 G		0.5	8	GREECE. ML 2.6 (THE).
	22	21	29	27.6*	34.294	N	137.336	E	33 N	4.8	0.7	6	NEAR S. COAST OF HONSHU, JAPAN
	22	22	16	41.1?	34.07	S	70.04	W	10 G		0.3	5	CHILE-ARGENTINA BORDER REGION
	22	22	42	23.1	43.146	N	1.122	W	10 G		0.6	9	PYRENEES. mbLg 2.9 (MDD). ML 2.4 (LDG). MD 2.3 (BTH).
	22	22	50	16.6*	10.594	N	93.116	E	121 ?	4.3	0.4	7	ANDAMAN ISLANDS, INDIA
a	23	00	28	28.6	4.995	S	133.503	E	33 N	5.1 4.8	1.2	38	IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV).
	23	00	39	20.1?	37.40	N	2.39	W	10 G		1.0	4	SPAIN. mbLg 2.4 (MDD).
	23	00	40	32.8&	39.176	N	28.650	E	10 G		0.5	8	TURKEY. ML 3.2 (ISK).
	23	00	57	22.9?	38.61	N	28.09	E	10 G		1.7	4	TURKEY. ML 2.9 (ISK).
	23	00	58	40.7&	39.169	N	28.615	E	10 G		0.7	8	TURKEY. ML 3.1 (ISK).
	23	01	12	31.3&	39.194	N	28.666	E	10 G		0.2	7	TURKEY. ML 3.2 (ISK).
	23	01	41	02.2&	39.173	N	28.608	E	10 G		0.5	8	TURKEY. ML 3.1 (ISK).
	23	01	47	57.5&	39.175	N	28.620	E	5 G		0.7	8	TURKEY. ML 3.1 (ISK).
	23	01	52	03.0&	39.222	N	28.661	E	10 G		0.6	5	TURKEY. ML 2.9 (ISK).
	23	01	59	41.6?	35.31	S	71.16	W	90 G		0.5	10	CENTRAL CHILE. MD 3.6 (SAN).
	23	02	09	09.1&	44.727	N	6.525	E	5 G		0.5	10	FRANCE. ML 2.2 (GEN).
	23	02	10	29.6&	39.182	N	28.678	E	10 G		0.6	8	TURKEY. ML 3.0 (ISK).
	23	02	14	09.1&	39.191	N	28.624	E	10 G		0.3	8	TURKEY. ML 3.3 (ISK).
	23	02	36	11.9&	37.575	N	118.851	W	7			34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.0 (GS).
	23	02	47	34.2?	43.85	N	146.61	E	33 N	4.3	1.2	6	KURIL ISLANDS
	23	03	12	46.3&	46.384	N	1.918	W	10 G		0.9	16	FRANCE. ML 3.2 (LDG).
	23	03	31	09.7&	59.776	N	151.906	W	57			40	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	23	03	55	04.2?	36.80	N	2.98	W	10 G		0.1	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	23	05	38	28.8&	61.807	N	150.882	W	61			48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	23	05	47	27.1&	59.899	N	151.827	W	61			48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	23	08	16	06.6	11.454	N	141.633	E	33 N	4.6 4.3	1.2	24	WESTERN CAROLINE ISLANDS
	23	08	34	40.0	11.471	N	141.580	E	33 N	4.9 4.6	1.0	35	WESTERN CAROLINE ISLANDS
	23	09	24	46.6?	37.19	N	3.67	W	10 G		0.9	4	SPAIN. mbLg 2.6 (MDD).
	23	13	06	53.8	43.446	N	5.449	E	5 G		0.3	15	NEAR SOUTH COAST OF FRANCE. ML 3.0 (STR).
	23	13	57	57.7	46.744	N	10.472	E	10 G		0.2	7	NORTHERN ITALY. ML 1.7 (VIE).
	23	14	34	32.7&	44.220	N	7.635	E	10 G		0.2	6	NORTHERN ITALY. ML 2.1 (LDG).
	23	15	04	48.0&	36.803	N	3.790	W	5 G		0.4	11	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
a	23	15	40	04.6*	11.891	S	165.855	E	33 N	5.0	1.2	23	SANTA CRUZ ISLANDS. Mw 5.3 (HRV).
	23	15	43	25.1?	34.10	S	69.93	W	5 G		0.1	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	23	16	07	04.4	43.290	N	147.100	E	33 N	4.9	1.0	47	KURIL ISLANDS
	23	16	42	11.3&	43.875	N	7.866	E	10 G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN).
	23	19	46	53.8&	39.816	N	29.614	E	10 G		0.6	8	TURKEY. ML 3.1 (ISK).
	23	20	57	15.6&	34.792	N	116.295	W	4			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	23	21	12	43.0&	34.790	N	116.295	W	5			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	21	47	27.2*	43.366	N	147.984	E	33 N	4.4	0.9	16	KURIL ISLANDS
	23	23	13	38.2*	57.114	N	143.266	W	10 G		0.7	31	GULF OF ALASKA. ML 3.0 (AEIC).
	24	00	31	04.1?	27.85	N	34.49	E	10 G		0.3	5	RED SEA. MD 2.4 (RYD).
	24	01	51	16.7&	58.871	N	153.041	W	15			42	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
	24	03	02	27.7	41.151	N	21.233	E	5 G		0.5	7	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
	24	03	46	15.5&	40.421	N	125.052	W	18			25	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	24	04	57	03.5?	8.89	S	120.14	E	205 ?	4.3	0.2	6	FLORES REGION, INDONESIA
	24	05	39	12.5	41.336	N	23.410	E	5 G		0.6	13	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
	24	05	40	39.6	36.371	N	28.243	E	87 ?		0.8	10	DODECANESE ISLANDS
	24	08	07	23.4&	28.800	N	34.864	E	10 G		0.6	5	EGYPT. MD 2.3 (RYD).
	24	08	43	34.8&	60.132	N	152.974	W	120			66	SOUTHERN ALASKA. <AEIC>.
	24	08	59	54.3?	37.32	S	177.72	E	33 N	4.7	1.3	9	OFF E. COAST OF N. ISLAND, N.Z.
a	24	09	14	29.9	6.177	S	146.698	E	125	5.5	0.9	72	EASTERN NEW GUINEA REG., P.N.G. Mw 5.4 (HRV).
	24	09	33	18.9&	33.490	N	116.765	W	15			25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	24	09	46	18.5&	34.164	N	116.414	W	1			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.4 (PAS).
	24	10	47	44.4&	40.151	N	23.933	E	5 G		0.1	5	GREECE
	24	11	17	57.0?	28.81	N	34.32	E	10 G		1.1	6	EGYPT. MD 2.4 (RYD).
	24	11	50	55.9&	61.810	N	149.999	W	39			45	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	24	11	57	42.6&	60.902	N	150.431	W	15			27	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	24	12	28	45.2&	28.809	N	34.841	E	10 G		0.4	5	EGYPT. MD 2.4 (RYD).
	24	12	51	09.6?	34.08	S	70.01	W	10 G		0.4	8	CHILE-ARGENTINA BORDER REGION
	24	13	27	00.7&	28.804	N	34.855	E	10 G		0.4	5	EGYPT. MD 1.9 (RYD).
	24	14	24	39.3&	28.838	N	34.848	E	10 G		0.5	5	EGYPT. MD 2.5 (RYD).
	24	14	52	16.9?	34.39	S	70.39	W	10 G		0.3	7	CHILE-ARGENTINA BORDER REGION
	24	15	39	03.5	42.856	N	126.648	W	10 G		0.7	70	OFF COAST OF OREGON
	24	16	01	40.8&	60.153	N	141.370	W	15			15	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	17	05	46.3?	28.81	N	34.84	E	10 G		0.3	4	EGYPT. MD 2.2 (RYD).
	24	17	26	25.1?	45.75	N	14.12	E	10 G		0.1	4	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
	24	17	46	55.9	5.520	N	127.254	E	113 *	4.7	0.4	21	PHILIPPINE ISLANDS REGION
	24	18	00	57.5?	45.75	N	14.11	E	10 G		0.2	4	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
	24	18	08	46.2&	44.534	N	6.850	E	5 G		0.5	6	FRANCE. ML 1.9 (GEN).
	24	18	08	57.5&	44.535	N	6.871	E	10 G		0.5	5	FRANCE. ML 2.1 (GEN).
	24	18	25	43.2&	44.537	N	6.862	E	5 G		0.4	9	FRANCE. ML 2.2 (GEN).
a	24	20	46	25.4	53.500	N	160.359	E	57 D	5.5	0.9	285	NEAR EAST COAST OF KAMCHATKA. Mw 5.2 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.
	24	21	11	05.5&	44.214	N	9.470	E	10 G		0.8	8	NORTHERN ITALY. ML 2.4 (LDG).
	24	21	43	04.1*	3.207	S	139.568	E	102 ?	4.9	0.3	6	IRIAN JAYA, INDONESIA

	24	21	48	04.5%	33.137	S	70.273	W	10	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	24	23	51	47.9*	38.588	N	73.897	E	33	N	5.3		1.1	16	TAJIKISTAN-XINJIANG BORDER REG.
	24	23	57	21.5&	59.205	N	153.586	W	94					45	SOUTHERN ALASKA. <AEIC>.
	25	00	06	51.8&	61.947	N	151.191	W	70					60	SOUTHERN ALASKA. <AEIC>.
	25	01	09	17.0%	39.052	N	29.499	E	10	G			0.8	5	TURKEY. ML 3.1 (ISK).
	25	01	12	24.9&	37.498	N	118.874	W	8					21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.0 (BRK).
	25	01	14	47.5	44.157	N	6.326	E	5	G			0.7	18	FRANCE. ML 2.4 (GEN), 2.2 (LDG), 1.8 (STR).
	25	01	42	00.9	43.030	N	146.913	E	46		4.9		0.8	104	KURIL ISLANDS
	25	01	43	44.4?	35.16	S	71.21	W	90	G			0.2	10	CENTRAL CHILE. MD 3.6 (SAN).
	25	02	39	27.9	11.169	N	86.756	W	33	N	4.8		1.1	47	NEAR COAST OF NICARAGUA. MD 5.0 (UPA).
	25	04	37	59.9*	32.661	S	71.555	W	33	N			0.9	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	25	04	46	25.1	34.386	N	137.338	E	302		4.8		0.7	140	NEAR S. COAST OF HONSHU, JAPAN
	25	05	01	58.2*	36.378	N	27.068	E	100	G			0.8	6	DODECANESE ISLANDS
	25	05	59	34.3?	35.20	S	71.59	W	80	G			0.4	10	CENTRAL CHILE. MD 3.9 (SAN).
	25	07	18	41.1?	1.63	S	127.27	E	33	N	4.8		1.0	5	HALMAHERA, INDONESIA
	25	07	50	25.0	38.694	N	20.422	E	5	G			1.0	16	GREECE. MD 3.5 (ATH). ML 3.2 (THE).
	25	07	59	38.7&	36.114	N	117.840	W	3					83	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.7 (GS), 3.9 (BRK).
	25	08	19	36.7%	37.919	N	29.098	E	5	G			0.5	5	TURKEY. ML 3.2 (ISK).
	25	08	20	10.1&	61.960	N	151.089	W	82					76	SOUTHERN ALASKA. <AEIC>.
	25	10	31	20.5&	37.498	N	118.873	W	7					5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.4 (GM).
	25	11	32	09.2&	37.497	N	118.873	W	7					26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	25	11	37	19.7%	34.009	S	70.117	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
a	25	11	43	48.8*	30.085	S	178.351	W	66	*	5.1		1.3	33	KERMADEC ISLANDS, NEW ZEALAND. Mw 5.5 (HRV). Felt (IV) on Raoul Island.
	25	11	59	02.5&	36.116	N	117.842	W	3					14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS).
	25	12	04	27.8	36.091	N	3.082	W	5	G			1.0	17	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD). MD 3.3 (SFS).
	25	13	13	23.8%	40.000	N	23.862	E	5	G			0.5	5	GREECE. ML 1.3 (THE).
	25	13	32	43.3?	33.85	S	72.15	W	10	G			0.4	11	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	25	13	44	11.1&	37.496	N	118.874	W	8					41	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.3 (GS).
	25	15	19	18.1	34.078	S	70.096	W	5	G			1.1	14	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	25	16	07	46.3	36.823	N	5.306	W	5	G			1.2	9	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	25	16	28	04.6?	43.21	N	0.13	W	5	G			0.5	4	PYRENEES. ML 2.3 (LDG).
	25	16	42	15.5?	28.80	N	34.83	E	10	G			0.7	4	EGYPT. MD 2.5 (RYD).
	25	18	15	17.0*	16.635	N	98.445	W	33	N			1.3	6	NEAR COAST OF GUERRERO, MEXICO
	25	18	20	08.9?	47.14	N	27.01	E	179	?			0.3	7	ROMANIA
	25	18	43	11.1?	37.42	N	8.34	W	10	G			1.2	14	PORTUGAL. mbLg 3.3 (MDD). MD 3.0 (SFS).
	25	18	54	24.8%	37.850	N	29.153	E	5	G			0.5	6	TURKEY. ML 3.2 (ISK).
	25	19	06	07.5	39.290	N	104.811	W	10	G			0.7	27	COLORADO. mbLg 4.0 (GS). Felt (V) at Larkspur and Palmer Lake; (III) at Divide and Lake George. Felt from Colorado Springs to Denver.
	25	19	40	18.3?	48.13	N	10.31	E	10	G			0.7	5	GERMANY. ML 1.9 (VIE).
a	25	20	17	13.8	2.352	S	138.867	E	33	N	5.5		0.8	50	IRIAN JAYA, INDONESIA. Mw 5.3 (HRV).
	25	21	29	49.4*	44.154	N	146.695	E	33	N	4.7		0.7	27	KURIL ISLANDS
	25	23	00	58.5%	40.716	N	30.124	E	5	G			0.4	7	TURKEY. ML 3.3 (ISK).
	25	23	21	07.7?	25.60	S	179.75	W	492	*	4.9		1.1	19	SOUTH OF FIJI ISLANDS
	26	00	20	09.9*	36.220	N	22.385	E	5	G			1.5	6	SOUTHERN GREECE. MD 3.6 (ATH).
a	26	03	08	17.6	53.650	N	164.508	W	33	N	5.3	5.0	1.1	313	UNIMAK ISLAND REGION. Mw 5.3 (HRV). Felt (III) at Akutan and False Pass. Also felt at Dutch Harbor.
	26	05	26	51.2?	28.51	N	34.63	E	10	G			0.1	4	EGYPT. MD 1.9 (RYD).
	26	05	45	21.6?	34.40	S	70.12	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	26	05	45	37.8*	6.538	S	146.323	E	129	*	4.5		0.8	10	EASTERN NEW GUINEA REG., P.N.G.
	26	06	53	11.2?	44.02	N	145.89	E	33	N	4.1		0.5	4	HOKKAIDO, JAPAN REGION
	26	06	58	06.3*	81.198	N	4.860	W	10	G			1.3	15	NORTH OF SVALBARD
	26	08	38	50.6	41.752	N	27.291	E	5	G			0.9	21	TURKEY. ML 3.3 (ISK). MD 3.2 (ATH). Felt in the Kirklareli area.
	26	08	56	29.0	32.698	S	69.981	W	110	?			0.5	17	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	26	11	27	26.8*	46.911	S	165.764	E	60	?	4.3		0.9	8	OFF W. COAST OF S. ISLAND, N.Z.
	26	13	18	05.2*	67.523	N	161.685	W	10	G			0.5	6	NORTHERN ALASKA. ML 3.0 (PMR).
	26	13	28	25.4?	1.21	N	117.98	E	33	N	4.9		0.6	13	BORNEO
	26	13	49	13.0	45.284	N	145.930	E	33	N	4.9	4.9	0.6	42	HOKKAIDO, JAPAN REGION
a	26	14	10	29.1&	40.741	N	124.310	W	23		5.1	5.0		170	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mw 5.5 (HRV). MD 5.3 (GM). ML 5.3 (BRK). Mo=1.5*10**17 Nm (BRK). Some damage (VII) at Eureka and Samoa. Slight damage (VI) at Arcata, Blue Lake, Fields Landing, Fortuna and McKinleyville. Total damage in Humboldt County estimated at 2.1 million U.S. dollars. Felt (V) at Bridgeville, Kneeland, Rio Dell and Weott; (IV) at Carlotta, Garberville, Klamath, Korbel, Miranda, Orleans, Petrolia, Phillipsville, Piercy, Redcrest, Salyer and Trinidad. Felt in much of northern California and as far as Brookings and Grants Pass, Oregon.
	26	14	30	50.1*	20.735	N	147.239	E	33	N	5.3		0.6	20	MARIANA ISLANDS REGION
a	26	14	48	01.4*	36.469	N	71.244	E	226	D	5.1		0.9	303	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.4 (HRV).
	26	14	54	05.3&	59.612	N	149.017	W	16					59	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	26	14	57	09.8&	40.750	N	124.310	W	25					33	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.2 (BRK), 3.1 (GS).
	26	16	12	57.7&	40.755	N	124.426	W	24					34	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.5 (BRK), 3.5 (GS).
	26	16	58	46.1	41.594	N	88.833	E	10	G	4.6		0.9	25	SOUTHERN XINJIANG, CHINA
	26	17	46	49.4&	40.738	N	124.311	W	22					30	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	26	17	48	15.6	36.408	N	7.960	W	10	G			1.1	56	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
	26	19	35	09.7	31.347	S	69.057	W	128	*			0.9	18	SAN JUAN PROVINCE, ARGENTINA
a	26	19	57	00.7	15.573	S	71.757	W	10	G	5.0		1.0	44	SOUTHERN PERU. Mw 5.4 (HRV).
	26	20	34	25.6	36.535	N	70.969	E	195	*	4.5		1.0	29	HINDU KUSH REGION, AFGHANISTAN
	26	21	31	37.2*	11.312	N	86.813	W	33	N	4.7		1.0	32	NEAR COAST OF NICARAGUA
	26	21	38	20.5	11.406	N	86.795	W	33	N	5.1		1.1	62	NEAR COAST OF NICARAGUA
	26	23	50	15.7&	37.237	N	121.616	W	8					72	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.6 (BRK), 3.4 (GS). Felt in the southeastern part of San Jose.
	27	00	42	12.7?	47.27	N	11.29	E	10	G			0.1	4	AUSTRIA. ML 0.2 (VIE).

	27	00	43	23.5	45.871	S	92.786	W	10	G	5.1	0.9	64	SOUTHERN PACIFIC OCEAN
	27	00	45	39.8&	36.128	N	117.837	W	3				15	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS), 3.2 (GS).
	27	01	04	47.7	9.474	S	117.968	E	33	N		0.9	6	SUMBAWA REGION, INDONESIA
	27	01	30	53.6?	37.01	N	3.81	W	10	G		0.4	4	SPAIN. mbLg 1.5 (MDD).
	27	01	38	05.8	43.720	N	147.350	E	51		4.9	0.9	52	KURIL ISLANDS
	27	02	10	01.1?	36.85	N	9.18	W	10	G		0.8	18	WEST OF GIBRALTAR. mbLg 3.7 (MDD).
	27	02	32	13.3&	60.648	N	147.063	W	0				46	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	27	03	11	34.1*	36.684	N	7.513	W	10	G		0.9	9	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	27	03	12	56.9	44.826	N	9.752	E	10	G		1.1	45	NORTHERN ITALY. ML 3.1 (LDG), 3.0 (GEN), 2.6 (VIE).
	27	03	13	41.2	44.898	N	9.978	E	10	G		0.7	23	NORTHERN ITALY. ML 3.1 (LDG), 2.9 (GEN).
	27	03	46	11.7?	6.15	S	147.66	E	119	?	4.1	1.3	5	EASTERN NEW GUINEA REG., P.N.G.
	27	03	46	59.0?	35.13	S	71.61	W	60	G		0.5	10	CENTRAL CHILE. MD 3.6 (SAN).
	27	05	01	10.8&	40.769	N	124.235	W	23				21	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	27	05	10	53.5*	51.316	N	15.593	E	10	G		0.8	13	POLAND. ML 3.6 (GRF), 3.6 (VIE).
	27	05	59	39.9	14.048	N	92.270	W	10	G		0.4	11	NEAR COAST OF CHIAPAS, MEXICO. MD 4.2 (GCG).
	27	06	33	27.6	38.060	N	21.290	E	5	G	3.5	1.0	15	GREECE. ML 3.4 (ATH).
	27	06	50	14.5*	6.679	S	143.459	E	10	G		1.3	5	NEW GUINEA, PAPUA NEW GUINEA
	27	07	11	26.4	47.125	N	27.373	W	10	G	4.8 4.7	0.8	84	NORTHERN MID-ATLANTIC RIDGE
	27	07	18	06.6?	21.15	S	179.77	W	661	?	4.4	0.9	20	FIJI ISLANDS REGION
	27	07	22	53.3%	38.040	N	21.247	E	10	G		1.4	7	GREECE. ML 3.6 (ATH).
	27	09	17	43.1%	39.781	N	28.677	E	10	G		0.7	8	TURKEY. ML 3.1 (ISK).
	27	10	19	50.9*	30.731	N	141.290	E	33	N	5.2	0.4	11	SOUTH OF HONSHU, JAPAN
	27	12	34	10.0&	38.838	N	122.821	W	4				9	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	27	12	44	05.9&	37.646	N	118.948	W	6				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	27	13	25	04.3&	37.492	N	118.878	W	7				27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	27	13	55	22.7	15.437	N	60.647	W	33	N		0.5	12	LEEWARD ISLANDS. MD 3.5 (TRN). ML 3.2 (FDF).
	27	15	00	17.9*	46.644	N	10.704	E	10	G		0.5	7	NORTHERN ITALY. ML 2.0 (VIE).
	27	15	16	20.0?	32.70	S	71.81	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE
	27	16	43	03.2?	0.77	N	127.23	E	176	?	4.5	0.7	5	HALMAHERA, INDONESIA
	27	17	05	45.7%	11.136	N	61.907	W	10	G		0.6	6	WINDWARD ISLANDS. MD 3.7 (TRN).
	27	17	14	20.8	52.765	N	174.501	W	200	G	4.7	0.9	76	ANDREANOF ISLANDS, ALEUTIAN IS.
a	27	17	32	50.8	31.965	S	179.860	E	212	G	6.0	1.0	487	KERMADEC ISLANDS REGION. Mw 6.4 (GS), 6.4 (HRV). mb 6.1 (BRK). Mo=5.9*10**18 Nm (PPT). Felt (IV) on Raoul Island. Depth from broadband displacement seismograms.
	27	17	33	23.6	20.517	N	145.724	E	33	N	5.5	0.8	123	MARIANA ISLANDS
	27	18	53	56.8	25.715	N	111.122	W	10	G	4.8	1.2	88	BAJA CALIFORNIA, MEXICO
	27	20	01	26.1?	47.20	N	11.20	E	10	G		0.9	4	AUSTRIA. ML 0.8 (VIE).
	27	20	43	04.3	44.917	N	149.584	E	74	D	5.6	0.8	340	KURIL ISLANDS
	27	20	53	48.8	37.285	N	20.441	E	5	G		1.3	9	IONIAN SEA
	27	21	55	27.1&	60.320	N	152.483	W	102				45	SOUTHERN ALASKA. <AEIC>.
	27	21	59	50.5	4.295	N	125.924	E	182	?	4.9	0.8	33	TALAUD ISLANDS, INDONESIA
	27	22	38	36.4?	33.97	S	70.69	W	90	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	28	00	39	12.6*	4.631	N	94.856	E	33	N	4.8	0.5	34	OFF W COAST OF NORTHERN SUMATERA
	28	01	15	02.1*	42.951	N	17.669	E	10	G		1.0	8	ADRIATIC SEA
	28	03	15	16.9?	3.74	N	128.21	E	33	N	4.9	1.1	9	NORTH OF HALMAHERA, INDONESIA
	28	03	15	35.7*	5.417	S	152.211	E	61	*	4.9	0.7	7	NEW BRITAIN REGION, P.N.G.
a	28	03	56	17.1	35.833	N	90.737	E	33	N	5.1 4.7	0.9	62	QINGHAI, CHINA. Mw 5.2 (HRV).
	28	06	27	01.9%	11.202	N	60.761	W	50	G		0.7	7	WINDWARD ISLANDS. MD 3.1 (TRN).
	28	11	19	37.8?	40.54	N	57.45	E	33	N	4.3	0.8	13	TURKMENISTAN
	28	11	49	58.5?	39.27	N	27.70	E	10	G		1.1	4	TURKEY. ML 2.7 (ISK).
a	28	12	19	23.0	40.525	N	143.419	E	27	G	6.4 7.5	1.1	470	OFF EAST COAST OF HONSHU, JAPAN. Mw 7.7 (GS), 7.8 (HRV). Ms 7.2 (BRK). Mo=2.7*10**20 Nm (OBN), 3.4*10**20 Nm (PPT). Three people killed, more than 200 injured and damage (VI JMA) in the Hachinohe area. Felt (V JMA) at Aomori, Morioka and Mutsu; (IV JMA) at Miyako and Ofunato; (III JMA) at Sendai. Felt (VI) at Misawa. Also felt (IV JMA) at Hakodate, Obihiro, Tomakomai and Urakawa; (III JMA) at Sapporo, Hokkaido. Felt as far away as Tokyo. Local tsunami generated with maximum wave heights (peak-to-trough) recorded at the following selected tide stations: 110 cm. at Miyako, 88 cm. at Hachinohe, 54 cm. at Ofunato, 10 cm. at Choshi, Honshu; 48 cm. at Urakawa, 36 cm. at Hakodate and Kushiro, Hokkaido. Two events about 20 seconds apart. Depth from broadband displacement seismograms, based on second event.
	28	12	29	21.2	40.466	N	143.612	E	33	N	5.6	0.7	29	OFF EAST COAST OF HONSHU, JAPAN
	28	12	41	26.6*	40.159	N	143.558	E	32	*	4.7	0.1	6	OFF EAST COAST OF HONSHU, JAPAN
	28	12	45	25.8	36.654	N	11.454	W	10	G		0.9	21	NORTH ATLANTIC OCEAN. mbLg 3.9 (MDD).
	28	12	47	10.7	40.573	N	142.783	E	33	N	5.3	1.1	40	NEAR EAST COAST OF HONSHU, JAPAN
	28	12	47	46.6*	39.458	N	143.486	E	33	N	5.7	0.5	26	OFF EAST COAST OF HONSHU, JAPAN
	28	12	49	05.1&	36.283	N	120.463	W	10				63	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK), 3.3 (PAS), 3.1 (GS).
	28	12	59	53.7	40.313	N	143.626	E	33	N	5.7	0.8	98	OFF EAST COAST OF HONSHU, JAPAN
	28	13	05	09.9%	18.038	N	101.622	W	33	N		0.5	9	GUERRERO, MEXICO
	28	13	06	06.4?	69.02	N	30.04	E	5	G		0.4	4	NORWAY-RUSSIA BORDER REGION. MD 2.7 (BER).
	28	13	21	42.1	40.118	N	143.512	E	33	N	4.0	0.9	22	OFF EAST COAST OF HONSHU, JAPAN
	28	13	25	50.2?	40.10	N	143.61	E	26	*	4.3	0.3	6	OFF EAST COAST OF HONSHU, JAPAN
	28	13	28	35.1	40.098	N	143.379	E	33	N	5.2	1.0	53	OFF EAST COAST OF HONSHU, JAPAN
	28	13	40	23.8	40.154	N	143.163	E	33	N	5.2	1.1	65	OFF EAST COAST OF HONSHU, JAPAN
	28	13	57	28.3*	40.092	N	143.468	E	33	N	3.8	0.8	10	OFF EAST COAST OF HONSHU, JAPAN
	28	13	59	18.5	40.239	N	143.546	E	33	N	5.7	0.8	167	OFF EAST COAST OF HONSHU, JAPAN
	28	15	01	47.9	10.585	S	121.723	E	71	*	5.1	1.0	25	SAVU SEA
	28	15	10	59.2&	60.296	N	151.138	W	40				74	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
	28	15	27	04.4	40.071	N	143.326	E	33	N	4.7	0.9	29	OFF EAST COAST OF HONSHU, JAPAN
	28	15	46	52.0	40.160	N	143.391	E	19	D	5.2	0.9	87	OFF EAST COAST OF HONSHU, JAPAN
	28	15	47	14.1?	37.61	N	140.76	E	33	N		0.4	5	EASTERN HONSHU, JAPAN
	28	15	49	38.2	40.297	N	143.023	E	33	D	4.9	1.0	66	OFF EAST COAST OF HONSHU, JAPAN
	28	16	15	09.3?	40.51	N	143.82	E	33	N		0.3	5	OFF EAST COAST OF HONSHU, JAPAN
	28	16	33	58.9&	60.197	N	152.190	W	66				40	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	16	41	10.9	40.229	N	143.902	E	33	N	5.0	0.8	28	OFF EAST COAST OF HONSHU, JAPAN

	28	16	42	08.7?	40.45	N	143.32	E	33	N	4.8	0.5	13	OFF EAST COAST OF HONSHU, JAPAN
	28	17	17	15.1&	33.154	S	70.311	W	10	G		0.2	5	CHILE-ARGENTINA BORDER REGION
	28	17	17	51.2?	39.07	N	143.76	E	33	N	4.7	0.8	10	OFF EAST COAST OF HONSHU, JAPAN
	28	17	29	14.5	13.791	N	120.698	E	156		5.4	1.0	146	MINDORO, PHILIPPINE ISLANDS. Felt (II RF) at Manila, Luzon.
	28	18	08	37.8	30.547	S	72.179	W	14		4.7	0.8	21	OFF COAST OF CENTRAL CHILE
	28	18	16	08.1	40.015	N	143.215	E	33	N	5.7	0.8	235	OFF EAST COAST OF HONSHU, JAPAN
	28	18	25	33.9	39.823	N	143.639	E	33	N	5.3	0.8	48	OFF EAST COAST OF HONSHU, JAPAN
	28	18	32	22.7&	63.916	N	148.981	W	0				35	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR). Healy mine blast.
	28	19	09	49.6?	40.39	N	142.94	E	33	N	4.7	0.9	13	NEAR EAST COAST OF HONSHU, JAPAN
	28	19	28	58.5?	40.92	N	22.74	E	5	G		0.1	4	GREECE. ML 2.0 (THE).
	28	19	47	50.4&	60.392	N	152.979	W	144				70	SOUTHERN ALASKA. <AEIC>.
	28	19	57	13.1?	39.74	N	143.54	E	33	N	4.5	1.3	13	OFF EAST COAST OF HONSHU, JAPAN
	28	20	23	14.3	40.044	N	143.789	E	27	D	5.4	0.9	74	OFF EAST COAST OF HONSHU, JAPAN
	28	20	44	33.5*	40.546	N	142.616	E	33	N	4.8	0.7	26	NEAR EAST COAST OF HONSHU, JAPAN
	28	20	49	19.2	46.757	N	10.466	E	10	G		0.3	9	NORTHERN ITALY. ML 1.8 (VIE).
a	28	20	52	25.8	40.094	N	142.687	E	22	G	5.9 5.9	0.9	437	NEAR EAST COAST OF HONSHU, JAPAN. Mw 6.2 (GS), 6.2 (HRV). Ms 5.4 (BRK). Depth from broadband displacement seismograms.
	28	21	04	59.9&	44.539	N	6.628	E	5	G		0.2	5	FRANCE. ML 1.6 (GEN).
	28	21	22	35.7	9.576	N	84.407	W	33	N	5.1	1.0	120	COSTA RICA
	28	21	29	50.8	40.115	N	142.788	E	40	D	5.4	0.9	142	NEAR EAST COAST OF HONSHU, JAPAN
	28	22	04	58.4?	9.17	N	84.32	W	35	?		1.2	9	COSTA RICA. MD 4.6 (UPA).
	28	22	15	27.9*	40.305	N	142.884	E	33	N	4.9	0.9	18	NEAR EAST COAST OF HONSHU, JAPAN
	28	22	18	47.2	46.886	N	8.761	E	5	G		1.2	14	SWITZERLAND. ML 2.4 (LDG), 2.4 (VIE).
a	28	22	23	55.8*	32.961	S	179.862	E	54	?	5.6 6.0	1.5	40	SOUTH OF KERMADEC ISLANDS. Mw 5.7 (HRV).
	28	22	30	28.6	40.340	N	143.691	E	33	N	5.1	0.8	33	OFF EAST COAST OF HONSHU, JAPAN
	28	22	36	07.7	40.293	N	142.361	E	44	D	5.3	0.9	112	NEAR EAST COAST OF HONSHU, JAPAN
a	28	22	37	46.3	40.375	N	143.636	E	11	G	5.9 6.0	0.8	340	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.4 (GS), 6.2 (HRV). Ms 5.7 (BRK). Depth from broadband displacement seismograms.
	28	22	39	23.7*	5.211	N	126.316	E	73	*	5.0	1.2	19	MINDANAO, PHILIPPINE ISLANDS
	28	22	48	38.6*	39.914	N	144.270	E	33	N	4.8	0.3	14	OFF EAST COAST OF HONSHU, JAPAN
	28	22	54	47.5	40.187	N	143.583	E	30	D	5.8	0.9	207	OFF EAST COAST OF HONSHU, JAPAN
	28	23	38	48.5&	33.882	S	69.911	W	5	G		0.4	10	CHILE-ARGENTINA BORDER REGION
	29	00	21	28.2&	42.887	N	122.120	W	2				3	OREGON. <SEA-P>. MD 2.3 (SEA).
	29	00	22	16.7&	42.907	N	122.093	W	1				23	OREGON. <SEA-P>. MD 2.6 (SEA). Felt (IV) at Crater Lake.
	29	00	40	45.0&	42.893	N	122.115	W	5				2	OREGON. <SEA-P>. MD 2.4 (SEA). Felt (IV) at Crater Lake.
	29	00	41	12.5	16.129	N	61.098	W	10	G		0.6	11	LEEWARD ISLANDS. MD 3.2 (TRN). ML 2.7 (FDF).
	29	00	49	08.6&	62.141	N	148.028	W	35				83	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	29	01	23	23.1	40.076	N	19.800	E	5	G		1.3	10	ALBANIA
	29	02	03	27.8*	13.004	N	93.473	E	33	N	5.1	0.9	15	ANDAMAN ISLANDS, INDIA
	29	02	14	30.9	44.662	N	7.052	E	10	G		0.5	23	NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG).
	29	02	21	00.4&	44.637	N	6.979	E	10	G		0.3	10	FRANCE. ML 2.1 (GEN).
	29	03	50	58.0&	36.658	N	121.261	W	0				17	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
	29	03	56	19.9&	36.656	N	121.268	W	4				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).
	29	04	33	53.0	5.112	S	102.689	E	61	*	5.4	0.9	60	SOUTHERN SUMATERA, INDONESIA
	29	05	14	25.9*	6.650	S	71.610	E	10	G	4.9	0.7	19	CHAGOS ARCHIPELAGO REGION. Felt on Diego Garcia.
	29	06	00	12.5	40.207	N	143.558	E	33	N	4.7 4.6	1.0	34	OFF EAST COAST OF HONSHU, JAPAN
	29	06	15	10.2*	8.608	S	119.387	E	142	*	4.2	1.4	7	FLORES REGION, INDONESIA
	29	06	25	55.3&	62.928	N	149.815	W	85				88	CENTRAL ALASKA. <AEIC>.
	29	06	40	36.6*	15.508	N	61.528	W	141	?		0.6	15	LEEWARD ISLANDS. MD 3.4 (TRN).
	29	07	36	45.0&	63.164	N	150.529	W	122				49	CENTRAL ALASKA. <AEIC>.
	29	08	16	23.8?	17.00	N	60.65	W	33	N		0.3	8	LEEWARD ISLANDS. MD 3.1 (TRN). ML 2.8 (FDF).
	29	08	53	10.4?	26.29	N	128.65	E	39	?	4.3	1.1	13	RYUKYU ISLANDS
	29	09	18	03.4&	36.994	N	3.856	W	60	G		1.1	15	STRAIT OF GIBRALTAR
	29	10	55	39.2&	63.152	N	150.534	W	124				66	CENTRAL ALASKA. <AEIC>
	29	11	45	04.9*	19.305	S	169.321	E	230	*	4.7	1.1	14	VANUATU ISLANDS
	29	14	09	52.1&	45.497	N	112.278	W	6				10	MONTANA. <BUT>. ML 2.7 (BUT). Felt at Twin Bridges.
	29	15	07	43.2?	40.36	N	143.36	E	33	N	3.9	1.3	8	OFF EAST COAST OF HONSHU, JAPAN
a	29	15	29	29.0	40.773	N	142.109	E	56	D	5.7	0.8	415	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.5 (HRV).
	29	16	01	18.2	35.655	N	80.663	E	33	N	5.5	1.0	25	KASHMIR-XIZANG BORDER REGION
	29	16	35	54.0?	47.32	N	11.58	E	10	G		0.2	4	AUSTRIA. ML 1.0 (VIE).
	29	16	41	04.5?	39.86	N	144.54	E	33	N	4.9	0.6	12	OFF EAST COAST OF HONSHU, JAPAN
	29	17	45	28.7&	60.211	N	152.566	W	94				48	SOUTHERN ALASKA. <AEIC>.
	29	18	02	27.0&	33.348	S	72.187	W	10	G		0.4	9	OFF COAST OF CENTRAL CHILE
	29	18	08	34.8	43.631	N	147.484	E	33	N	4.9	1.0	41	KURIL ISLANDS
	29	18	10	35.4&	33.316	S	72.017	W	10	G		0.9	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
a	29	18	58	30.4	29.079	N	103.790	E	33	N	5.3 4.7	0.9	149	SICHUAN, CHINA. Mw 5.1 (HRV). Some buildings damaged in the epicentral area. Felt at Chengdu and Leshan.
	29	18	59	54.6&	38.769	N	119.672	W	2				16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.4 (BRK), 3.0 (GS).
	29	19	39	35.1*	12.281	N	92.287	E	33	N	4.6	0.2	7	ANDAMAN ISLANDS, INDIA
	29	20	23	02.0&	60.714	N	151.332	W	56				30	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	29	20	42	07.1&	38.865	N	27.842	E	10	G		0.4	6	TURKEY. ML 2.8 (ISK).
	29	21	10	36.5	40.012	N	19.901	E	5	G		0.9	15	ALBANIA. MD 3.2 (ATH). ML 2.8 (THE).
	29	22	27	30.1&	58.989	N	150.745	W	69				45	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
a	29	22	33	24.5	40.400	N	142.921	E	33	N	5.3 4.7	0.7	82	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.1 (HRV).
	29	22	37	17.4?	44.39	N	7.38	E	10	G		0.0	4	NORTHERN ITALY. ML 1.6 (GEN).
	29	22	58	51.2&	44.410	N	7.399	E	10	G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
	30	00	20	45.1&	61.889	N	150.408	W	49				45	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	00	33	26.8?	43.26	N	147.56	E	33	N	4.4	0.9	12	KURIL ISLANDS
	30	02	05	56.1*	39.605	N	144.234	E	33	N		0.3	7	OFF EAST COAST OF HONSHU, JAPAN
	30	03	45	15.3?	47.24	N	11.54	E	10	G		0.2	4	AUSTRIA. ML 0.6 (VIE).
	30	03	46	35.3*	9.697	S	124.116	E	79	?	4.8	1.3	8	TIMOR REGION, INDONESIA
	30	03	49	45.7&	64.479	N	149.010	W	16				33	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	30	04	40	03.1&	39.592	N	27.819	E	10	G		0.7	8	TURKEY. ML 3.0 (ISK).
	30	04	48	03.6*	36.105	N	139.820	E	138		4.6	0.3	14	EASTERN HONSHU, JAPAN
	30	04	55	31.4&	63.271	N	151.092	W	6				34	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.7 (PMR).
	30	05	03	18.8	43.539	N	7.721	E	27			0.4	20	NEAR SOUTH COAST OF FRANCE. ML 2.6 (GEN), 2.6 (LDG).

	30	06	56	16.8	38.179	N	39.670	E	10	G	4.7	1.5	36	TURKEY. Two people injured and some buildings slightly damaged in the Diyarbakir area.
	30	07	30	19.5%	46.291	N	1.901	E	10	G		0.5	5	FRANCE. ML 1.4 (LDG).
	30	08	05	54%2?	34.23	S	71.57	W	50	G		0.5	8	NEAR COAST OF CENTRAL CHILE
	30	09	04	10.4?	39.18	N	27.32	E	5	G		0.0	4	TURKEY. ML 2.7 (ISK).
	30	10	03	24.5&	34.318	N	118.405	W	5				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS). Felt.
	30	10	28	26.2*	30.348	N	88.260	E	33	N	4.3	1.4	18	XIZANG
	30	11	17	32.5*	40.905	N	142.117	E	33	N	5.0	0.7	35	NEAR EAST COAST OF HONSHU, JAPAN
	30	11	28	42.5&	38.760	N	119.720	W	1				4	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	30	11	35	59.8%	33.569	S	69.923	W	10	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	30	11	47	22.6?	43.27	N	148.23	E	33	N	5.1	0.8	12	EAST OF KURIL ISLANDS
	30	11	48	31.9%	44.724	N	6.783	E	10	G		0.2	7	FRANCE. ML 2.0 (GEN).
	30	12	02	43.6%	40.447	N	28.609	E	10	G		0.9	6	TURKEY. ML 2.8 (ISK).
	30	12	03	17.7&	60.143	N	150.548	W	20				40	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	30	12	15	27.9?	39.32	N	27.39	E	10	G		0.4	4	TURKEY. ML 2.8 (ISK).
	30	12	18	53.1?	35.42	S	106.43	W	10	G	4.8	1.4	14	SOUTHERN EAST PACIFIC RISE
	30	12	22	03.4%	40.679	N	23.125	E	5	G		0.6	7	GREECE. ML 2.0 (THE).
	30	13	03	13.9?	39.35	N	29.51	E	10	G		0.6	4	TURKEY. ML 2.9 (ISK).
	30	13	07	31.8*	47.366	S	100.219	E	10	G	5.1 5.4	1.1	15	SOUTHEAST INDIAN RIDGE
	30	14	03	38.9	22.040	N	143.025	E	256	*	5.1	0.8	113	VOLCANO ISLANDS REGION
	30	14	37	11.4*	39.836	N	143.961	E	33	N	4.4	0.8	8	OFF EAST COAST OF HONSHU, JAPAN
a	30	15	12	25.2	18.552	N	145.363	E	219	G	5.6	1.0	319	MARIANA ISLANDS. Mw 6.3 (GS), 6.3 (HRV). mb 5.8 (BRK). Mo=1.4*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	30	16	31	34.8%	44.528	N	7.254	E	10	G		0.7	12	NORTHERN ITALY. ML 2.2 (GEN).
	30	17	27	13.1?	37.17	N	9.55	W	10	G		0.7	10	PORTUGAL. mbLg 3.8 (MDD).
	30	17	34	21.5	40.380	N	143.558	E	33	N	5.3	0.9	35	OFF EAST COAST OF HONSHU, JAPAN
	30	18	39	58.9	40.355	N	143.193	E	33	N	5.0	0.8	36	OFF EAST COAST OF HONSHU, JAPAN
	30	19	09	43.7&	61.443	N	150.742	W	53				62	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	30	20	07	29.4?	43.52	N	148.29	E	33	N		0.8	8	EAST OF KURIL ISLANDS
	30	21	28	48.4*	5.092	S	103.514	E	99	?	5.1	1.0	32	SOUTHERN SUMATERA, INDONESIA
	30	21	33	55.3?	37.12	N	3.54	W	10	G		1.9	4	SPAIN. mbLg 2.2 (MDD).
	30	22	10	36.9	52.204	N	106.391	E	10	G	4.2	1.0	7	LAKE BAYKAL REGION, RUSSIA. Felt (V) at Kabansk; (III) at Irkutsk and Tyrgana.
a	30	22	55	24.9	4.265	S	152.749	E	33	N	5.6 5.0	1.0	107	NEW BRITAIN REGION, P.N.G. Mw 5.5 (HRV).
	30	23	02	54.3%	41.140	N	24.279	E	5	G		0.8	8	GREECE-BULGARIA BORDER REGION. ML 3.0 (THE).
	30	23	38	14.6?	34.58	S	70.54	W	120	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	31	00	07	24.2&	32.460	N	115.333	W	9				11	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.6 (ECX). ML 3.7 (PAS), 3.4 (GS). Felt in the Mexicali Valley.
	31	00	43	01.4?	45.58	N	26.50	E	10	G		0.6	4	ROMANIA
a	31	02	57	20.8	20.524	N	109.330	E	33	N	5.7 5.3	0.9	181	SOUTHEASTERN CHINA. Mw 5.3 (HRV). At least 360 people injured in Guangdong and Guangxi Provinces and more than 1,100 houses damaged in Guangxi Province. Felt at Beihai, Guangzhou, Haikou, Nanning, Sanya and Zhanjiang. Also felt at Hong Kong.
	31	03	04	31.6?	19.84	S	176.02	W	166	?	5.0	1.2	12	FIJI ISLANDS REGION
	31	03	43	09.5*	30.760	S	72.120	W	33	N		0.9	16	OFF COAST OF CENTRAL CHILE
	31	03	59	45.1?	41.99	N	23.02	E	5	G		0.2	7	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).
	31	04	05	04.5	42.712	N	2.026	E	10	G		0.6	12	PYRENEES. ML 2.9 (LDG), 2.9 (STR).
	31	04	55	23.4?	42.01	N	23.01	E	5	G		0.3	6	BULGARIA. ML 2.5 (THE).
	31	05	24	00.4	13.566	N	60.065	W	64	*		1.0	32	WINDWARD ISLANDS. MD 3.7 (TRN).
	31	05	54	34.8*	32.594	S	71.617	W	33	N		0.8	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	31	07	23	24.9%	41.455	N	23.257	E	5	G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
	31	08	08	43.8?	55.66	S	147.47	E	10	G	4.8	1.0	7	WEST OF MACQUARIE ISLAND
	31	08	16	08.7*	51.154	N	15.653	E	10	G		0.7	9	POLAND. ML 3.6 (GRF), 3.5 (VIE), 3.3 (MOX).
	31	08	39	41.1&	40.342	N	125.479	W	11				6	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	31	09	00	58.8&	58.590	N	154.537	W	107				42	ALASKA PENINSULA. <AEIC>.
	31	09	02	48.5?	18.11	S	178.19	W	634	?	4.9	1.0	25	FIJI ISLANDS REGION
	31	11	05	59.8	2.475	N	126.188	E	87	*	5.2	0.7	23	NORTHERN MOLUCCA SEA
	31	13	24	25.8?	18.19	N	102.63	W	75	?		1.0	10	MICHOACAN, MEXICO
	31	13	47	22.6&	61.044	N	151.552	W	71				50	SOUTHERN ALASKA. <AEIC>.
a	31	13	50	23.7	40.217	N	142.546	E	43		5.7 5.6	1.0	297	NEAR EAST COAST OF HONSHU, JAPAN. Mw 6.0 (HRV). Mo=1.4*10**18 Nm (PPT).
	31	15	21	43.4&	34.466	N	119.361	W	15				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	31	16	25	06.5%	44.475	N	7.290	E	10	G		0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	31	17	17	26.8	40.183	N	142.786	E	33	N	5.0	1.0	49	NEAR EAST COAST OF HONSHU, JAPAN
	31	17	49	06.8	17.448	N	62.267	W	121	?		0.3	17	LEEWARD ISLANDS. MD 3.9 (TRN).
	31	18	10	54.1%	39.303	N	27.577	E	5	G		0.6	6	TURKEY. ML 3.1 (ISK).
	31	18	40	20.0%	33.563	S	69.923	W	10	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	31	18	56	08.2%	44.348	N	6.782	E	5	G		0.3	8	FRANCE. ML 2.3 (GEN).
	31	19	01	17.4*	36.312	N	2.525	E	10	G		0.7	18	NORTHERN ALGERIA. mbLg 3.7 (MDD).
	31	20	01	32.7?	43.60	N	0.05	E	10	G		0.1	4	FRANCE. ML 2.2 (LDG).
	31	20	10	26.0*	20.783	N	146.652	E	33	N	5.3	0.9	28	MARIANA ISLANDS REGION
	31	20	25	27.9&	60.330	N	139.590	W	10				13	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	31	20	28	53.1?	32.32	S	71.67	W	10	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
a	31	20	52	27.7	35.820	N	139.993	E	76		5.2	0.9	96	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.1 (HRV).
	31	21	49	17.2*	58.541	N	143.393	W	10	G		0.6	15	GULF OF ALASKA. ML 2.6 (AEIC).
	31	22	09	56.4	30.335	S	20.988	E	5	G		1.3	11	REPUBLIC OF SOUTH AFRICA. ML 4.5 (PRE). mbLg 4.4 (BUL).

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

01 06 11 01.49 7.639S 128.173E 84km
5.6mb (35 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 56C
Centroid Location:
Origin Time 06:11: 7.0 0.5
Lat 7.82S 0.05 Lon 128.25E 0.04
Dep 113.5 2.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	14.00	47	335
N	-2.85	35	114
P	-11.14	21	220

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

	Strike=	Dip=	Slip=
NP1:	353	39	155
NP2:	103	75	54

02 18 11 52.41 43.916N 148.020E 43km
4.9mb (55 obs.) 4.3Msz (9 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 10C
Centroid Location:
Origin Time 18:11:57.1 2.2
Lat 43.95N FIX;Lon 147.99E FIX
Dep 31.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.78	56	322
N	0.49	3	56
P	-5.27	34	149

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

	Strike=	Dip=	Slip=
NP1:	252	11	106
NP2:	56	79	87

03 04 53 11.62 14.487N 92.404W 79km
4.9mb (58 obs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 46C
Centroid Location:
Origin Time 04:53:10.0 0.5
Lat 14.31N 0.05 Lon 92.85W 0.05
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.38	67	56
N	-1.73	6	312
P	-7.65	22	220

Best Double Couple:Mo=8.5*10**16

	Strike=	Dip=	Slip=
NP1:	298	23	75
NP2:	135	68	96

04 05 23 16.56 2.719N 126.761E 55km
5.2mb (19 obs.) 4.4Msz (1 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 28C
Centroid Location:
Origin Time 05:23:25.5 1.0
Lat 3.55N 0.08 Lon 126.73E 0.09
Dep 53.5 6.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.49	69	26
N	-0.13	20	217
P	-4.36	3	125

Best Double Couple:Mo=4.4*10**16

	Strike=	Dip=	Slip=
NP1:	195	45	61
NP2:	54	52	116

04 22 05 57.32 35.587S 178.431E 160km
5.4mb (20 obs.)
OFF E. COAST OF N. ISLAND, N.Z.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 44S, 76C
Centroid Location:
Origin Time 22:06: 2.7 0.3
Lat 35.38S 0.03 Lon 178.91E 0.04
Dep 163.9 1.1 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.39	58	314
N	0.26	5	216
P	-1.65	32	123

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

	Strike=	Dip=	Slip=
NP1:	194	14	68
NP2:	37	77	95

05 16 20 09.36 8.576S 159.833E 49km
5.8mb (50 obs.) 5.1Msz (31 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	95	68	-90
NP2:	275	22	-90

Principal Axes:

	Plg=	Azm=
T	23	185
P	67	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: 10 Focal mech. F
Energy 1.4±0.3*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 55S, 92C
Centroid Location:
Origin Time 16:20:12.6 0.3
Lat 8.49S 0.02 Lon 160.10E 0.03
Dep 50.9 2.2 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.78	27	179
N	-0.02	1	269
P	-1.76	63	1

Best Double Couple:Mo=1.8*10**17

	Strike=	Dip=	Slip=
NP1:	267	18	-93
NP2:	90	72	-89

06 09 06 07.07 15.316S 75.294W 27km
5.3mb (42 obs.) 5.0Msz (30 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 71C
Centroid Location:
Origin Time 09:06:11.8 0.2
Lat 15.41S 0.03 Lon 75.42W 0.03
Dep 33.2 2.1 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.13	59	112
N	-0.21	20	345
P	-1.92	23	246

Best Double Couple:Mo=2.0*10**17

	Strike=	Dip=	Slip=
NP1:	302	28	44
NP2:	172	71	111

07 03 37 54.83 23.422S 66.639W 235km
5.6mb (100 obs.)
JUJUY PROVINCE, ARGENTINA
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	8	75	-110
NP2:	243	25	-38

Principal Axes:

	Plg=	Azm=
T	27	114
P	56	253

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 5.9±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 244 No. of sta: 29
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.02	28	106
N	0.00	6	200
P	-1.02	61	301

Best Double Couple:Mo=1.0*10**18

	Strike=	Dip=	Slip=
NP1:	180	18	-110
NP2:	22	73	-84

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 68S,143C
Centroid Location:
Origin Time 03:38: 2.8 0.1
Lat 23.19S 0.01 Lon 66.58W 0.02
Dep 246.3 0.8 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	9.76	26	113
N	-1.39	24	11
P	-8.37	54	245

Best Double Couple:Mo=9.1*10**17

	Strike=	Dip=	Slip=
NP1:	244	29	-33
NP2:	4	75	-114

07 20 22 18.36 3.459S 130.940E 33km
5.2mb (22 obs.) 4.9Msz (8 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 60C
Centroid Location:
Origin Time 20:22:21.5 0.4
Lat 3.21S 0.04 Lon 130.88E 0.04
Dep 36.3 4.1 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.62	22	315
N	0.15	62	175
P	-1.76	17	52

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

	Strike=	Dip=	Slip=
NP1:	95	62	4
NP2:	3	86	152

07 23 08 37.59 2.949S 119.830E 28km
5.2mb (5 obs.) 4.2Msz (1 obs.)
SULAWESI, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 14C
Centroid Location:
Origin Time 23:08:33.0 1.2
Lat 2.97S FIX;Lon 119.81E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	0.96	17	174
N	0.34	68	315
P	-1.30	13	80

Best Double Couple:Mo=1.1*10**17

	Strike=	Dip=	Slip=
NP1:	216	68	177
NP2:	308	87	22

08 05 09 08.29 19.426S 168.954E 114km
5.3mb (19 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 05:09: 9.9 1.2
Lat 19.65S FIX;Lon 169.13E FIX
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.24	40	83
N	0.15	17	338
P	-1.38	46	231

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

	Strike=	Dip=	Slip=
NP1:	238	17	-10
NP2:	337	87	-107

08 08 30 26.80 1.967N 120.844E 38km
5.5mb (34 obs.) 4.9Msz (6 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S, 92C
Centroid Location:
Origin Time 08:30:30.8 0.2
Lat 2.08N 0.02 Lon 120.91E 0.02
Dep 53.9 1.7 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.72	10	263
N	-0.20	72	138
P	-3.52	14	356

Best Double Couple:Mo=3.6*10**17

	Strike=	Dip=	Slip=
NP1:	39	73	-3
NP2:	130	88	-163

09 18 10 21.30 21.696S 175.311W 93km
4.8mb (11 obs.)

TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 55C
Centroid Location:
Origin Time 18:10:20.0 0.6
Lat 22.15S 0.06 Lon 174.60W 0.05
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.94	69	277
N	1.44	4	18
P	-9.38	21	110

Best Double Couple:Mo=8.7*10**16
NP1:Strike=207 Dip=25 Slip= 100
NP2: 16 66 85

10 01 54 16.44 56.196S 27.167W 110km
5.4mb (16 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 28C
Centroid Location:
Origin Time 01:54:22.4 0.6
Lat 56.05S 0.09 Lon 27.09W 0.13
Dep 95.7 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.35	35	282
N	2.29	39	158
P	-8.64	32	38

Best Double Couple:Mo=7.5*10**16
NP1:Strike= 72 Dip=39 Slip= 3
NP2: 339 88 129

10 03 39 31.75 23.534S 70.591W 37km
5.8mb (74 obs.) 5.6Msz (45 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 66S,159C
Centroid Location:
Origin Time 03:39:37.9 0.1
Lat 23.50S 0.02 Lon 71.14W 0.01
Dep 36.0 BDY Half-duration 2.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.24	70	60
N	0.09	8	172
P	-1.33	18	265

Best Double Couple:Mo=1.3*10**18
NP1:Strike= 7 Dip=28 Slip= 107
NP2: 168 64 81

10 09 26 42.56 38.306N 142.102E 52km
5.4mb (84 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 25S, 34C
Centroid Location:
Origin Time 09:26:46.0 0.5
Lat 38.34N 0.06 Lon 142.42E 0.08
Dep 52.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.47	26	114
N	-1.02	10	19
P	-6.45	62	270

Best Double Couple:Mo=7.0*10**16
NP1:Strike=226 Dip=21 Slip= -62
NP2: 16 71 -100

10 12 16 01.12 27.914N 64.985E 57km
5.2mb (61 obs.)
SOUTHWESTERN PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 34S, 43C
Centroid Location:
Origin Time 12:16: 7.5 0.5
Lat 28.05N 0.06 Lon 65.19E 0.06
Dep 38.9 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.97	14	142
N	-0.85	23	239
P	-6.12	63	23

Best Double Couple:Mo=6.6*10**16
NP1:Strike=204 Dip=37 Slip=-130
NP2: 71 63 -64

10 15 24 18.81 6.815N 72.993W 158km
5.0mb (95 obs.)
NORTHERN COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 20C
Centroid Location:
Origin Time 15:24:20.6 0.8
Lat 6.89N 0.12 Lon 72.85W 0.10
Dep 164.4 2.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.61	68	41
N	2.00	20	201
P	-8.60	7	293

Best Double Couple:Mo=7.6*10**16
NP1:Strike= 45 Dip=42 Slip= 121
NP2: 186 55 65

10 16 17 38.51 18.136N 101.384W 48km
6.6mb (146 obs.) 6.2Msz (43 obs.)
GUERRERO, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=117 Dip=76 Slip= -90
NP2: 297 14 -90
Principal Axes:

	Plg=	Azm=
T	31	207
P	59	27

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. C
Energy 2.8±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 55 No. of sta: 29
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	5.28	24	208
N	0.91	14	304
P	-6.19	62	62

Best Double Couple:Mo=5.7*10**18
NP1:Strike=271 Dip=24 Slip=-126
NP2: 130 71 -75
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,169C M.W.: 38S, 59C
Centroid Location:
Origin Time 16:17:45.5 0.1
Lat 18.18N 0.01 Lon 101.39W 0.01
Dep 54.0 BDY Half-duration 3.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.92	36	203
N	0.57	12	302
P	-5.49	52	48

Best Double Couple:Mo=5.2*10**18
NP1:Strike=247 Dip=15 Slip=-146
NP2: 124 82 -78

11 02 25 46.34 5.829S 104.661E 51km
5.7mb (32 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 34C
Centroid Location:
Origin Time 02:25:54.4 0.5
Lat 6.32S 0.05 Lon 104.50E 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.80	64	47
N	-0.41	14	287
P	-7.39	22	191

Best Double Couple:Mo=7.6*10**16
NP1:Strike=257 Dip=26 Slip= 58
NP2: 113 68 105

11 09 29 01.47 24.855S 179.112W 391km
5.5mb (52 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 61C
Centroid Location:
Origin Time 09:29: 7.1 0.2
Lat 24.55S 0.03 Lon 179.07W 0.02
Dep 394.9 1.1 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.45	51	95
N	0.18	0	185
P	-3.64	39	276

Best Double Couple:Mo=3.5*10**17
NP1:Strike= 9 Dip= 6 Slip= 94
NP2: 185 84 90

11 14 03 46.22 3.440S 149.500E 33km
4.8mb (5 obs.) 4.9Msz (4 obs.)
BISMARCK SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 34S, 48C
Centroid Location:
Origin Time 14:03:47.5 0.4
Lat 3.59S 0.04 Lon 149.70E 0.05
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.28	2	334
N	0.06	88	154
P	-1.33	0	64

Best Double Couple:Mo=1.3*10**17
NP1:Strike=109 Dip=89 Slip= 1
NP2: 19 89 179

12 07 41 55.41 17.477S 69.598W 148km
5.9mb (109 obs.)
PERU-BOLIVIA BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=85 Slip=-125
NP2: 248 35 -9
Principal Axes:

	Plg=	Azm=
T	31	103
P	40	223

Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 1.4±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 147 No. of sta: 21
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.86	30	102
N	-0.16	28	354
P	-2.70	46	229

Best Double Couple:Mo=2.8*10**18
NP1:Strike=243 Dip=30 Slip= -18
NP2: 349 81 -119
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 57S,141C
Centroid Location:
Origin Time 07:42: 2.2 0.1
Lat 17.44S 0.02 Lon 69.66W 0.02
Dep 161.4 0.6 Half-duration 3.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.71	25	93
N	-0.26	25	350
P	-2.46	53	222

Best Double Couple:Mo=2.6*10**18
NP1:Strike=224 Dip=30 Slip= -33
NP2: 343 75 -116

12 14 52 53.31 9.975S 119.199E 26km
5.9mb (47 obs.) 5.1Msz (13 obs.)
SUMBA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 73C
Centroid Location:
Origin Time 14:53: 3.3 0.3
Lat 10.21S 0.02 Lon 119.46E 0.03
Dep 41.4 2.2 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.26	73	297
N	0.68	13	77
P	-2.94	10	169

Best Double Couple:Mo=2.6*10**17
NP1:Strike=275 Dip=36 Slip= 112
NP2: 68 57 74

12 21 49 15.75 38.977S 46.586E 10km
5.1mb (24 obs.) 4.9Msz (5 obs.)
SOUTHWEST INDIAN RIDGE

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 46C
Centroid Location:
Origin Time 21:49:21.1 0.4
Lat 38.77S 0.05 Lon 46.89E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-	Azm-
T	1.35	6	348
N	-0.01	2	258
P	-1.35	84	151

Best Double Couple:Mo=1.4*10**17
NP1:Strike- 80 Dip=39 Slip- -87
NP2: 257 51 -92

13 00 50 52.21 24.059N 122.639E 33km
5.0mb (35 obs.) 4.7Msz (6 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 12C
Centroid Location:
Origin Time 00:50:53.8 0.7
Lat 24.05N FIX;Lon 122.61E FIX
Dep 25.0 5.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	11.51	51	303
N	-2.47	3	37
P	-9.04	39	129

Best Double Couple:Mo=1.0*10**17
NP1:Strike-240 Dip= 7 Slip- 113
NP2: 36 84 87

13 08 23 48.21 16.314N 98.443W 16km
5.3mb (65 obs.) 4.9Msz (24 obs.)
NEAR COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 52C
Centroid Location:
Origin Time 08:23:52.9 0.3
Lat 16.25N 0.05 Lon 98.12W 0.06
Dep 15.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-	Azm-
T	2.33	58	31
N	-0.14	5	292
P	-2.19	32	199

Best Double Couple:Mo=2.3*10**17
NP1:Strike-270 Dip=14 Slip- 67
NP2: 113 77 96

13 13 11 14.43 53.985N 141.904E 13km
5.1mb (62 obs.) 4.4Msz (5 obs.)
SAKHALIN ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 13:11:17.3 1.0
Lat 53.94N FIX;Lon 141.84E FIX
Dep 35.311.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	8.90	49	157
N	-1.81	12	261
P	-7.08	38	0

Best Double Couple:Mo=8.0*10**16
NP1:Strike-144 Dip=13 Slip- 154
NP2: 259 84 78

13 14 26 37.79 24.126S 67.847W 104km
4.9mb (11 obs.)
CHILE-ARGENTINA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 9C
Centroid Location:
Origin Time 14:26:46.5 1.0
Lat 24.14S FIX;Lon 67.82W FIX
Dep 131.4 5.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	3.98	19	351
N	1.87	21	89
P	-5.85	61	222

Best Double Couple:Mo=4.9*10**16
NP1:Strike- 50 Dip=32 Slip=-133
NP2: 278 67 -67

13 20 27 47.63 3.166S 130.534E 25km
5.3mb (22 obs.) 4.6Msz (5 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 45C
Centroid Location:
Origin Time 20:27:51.4 0.7
Lat 3.18S 0.07 Lon 130.71E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-	Azm-
T	1.74	60	206
N	-0.04	7	308
P	-1.70	29	42

Best Double Couple:Mo=1.7*10**17
NP1:Strike-151 Dip=17 Slip- 114
NP2: 306 75 83

14 06 36 14.14 43.374N 147.207E 26km
5.1mb (73 obs.) 4.9Msz (3 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 24C
Centroid Location:
Origin Time 06:36:21.0 1.3
Lat 43.33N FIX;Lon 147.26E FIX
Dep 26.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	8.36	48	51
N	-2.45	42	240
P	-5.91	4	146

Best Double Couple:Mo=7.1*10**16
NP1:Strike-201 Dip=55 Slip- 35
NP2: 89 62 139

14 07 28 53.25 9.519S 159.411E 16km
5.8mb (55 obs.) 5.9Msz (44 obs.)
SOLOMON ISLANDS
RADIATED ENERGY
No. of sta: 14 Focal mech. M
Energy 2.0±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 25
Principal Axes:
Scale 10**18 Nm

	Val-	Plg-	Azm-
T	1.37	42	95
N	-0.01	42	312
P	-1.35	20	203

Best Double Couple:Mo=1.4*10**18
NP1:Strike-248 Dip=45 Slip- 19
NP2: 144 77 133
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,139C
Centroid Location:
Origin Time 07:28:59.9 0.1
Lat 9.63S 0.02 Lon 159.80E 0.01
Dep 15.0 BDY Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val-	Plg-	Azm-
T	1.70	60	62
N	0.08	5	324
P	-1.78	29	231

Best Double Couple:Mo=1.7*10**18
NP1:Strike-307 Dip=16 Slip- 73
NP2: 145 75 95

14 19 44 31.01 2.729N 128.158E 56km
5.4mb (32 obs.) 5.4Msz (28 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S, 85C
Centroid Location:
Origin Time 19:44:34.3 0.3
Lat 3.01N 0.03 Lon 128.33E 0.02
Dep 35.9 2.1 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-	Azm-
T	3.87	10	52
N	-0.02	46	311
P	-3.85	42	151

Best Double Couple:Mo=3.9*10**17
NP1:Strike-182 Dip=54 Slip- -26
NP2: 288 69 -141

14 20 43 53.72 35.104N 58.633E 33km
5.3mb (68 obs.)
NORTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 16C
Centroid Location:
Origin Time 20:43:56.9 1.0
Lat 35.56N 0.09 Lon 58.66E 0.10
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	7.62	55	316
N	1.71	26	89
P	-9.32	22	190

Best Double Couple:Mo=8.5*10**16
NP1:Strike-319 Dip=32 Slip- 144
NP2: 80 72 63

14 22 20 02.43 8.485S 80.185W 33km
5.2mb (19 obs.) 4.9Msz (27 obs.)
OFF COAST OF NORTHERN PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 45S, 77C
Centroid Location:
Origin Time 22:20: 6.9 0.2
Lat 8.33S 0.03 Lon 80.30W 0.02
Dep 24.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-	Azm-
T	2.45	65	83
N	0.18	3	347
P	-2.63	25	255

Best Double Couple:Mo=2.5*10**17
NP1:Strike-338 Dip=20 Slip- 81
NP2: 168 70 93

15 04 42 12.26 58.688N 150.280W 39km
5.0mb (68 obs.) 4.4Msz (6 obs.)
GULF OF ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 47C
Centroid Location:
Origin Time 04:42:15.7 0.5
Lat 58.49N 0.07 Lon 149.96W 0.09
Dep 32.2 5.4 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-	Azm-
T	10.19	31	96
N	-4.11	20	199
P	-6.08	52	316

Best Double Couple:Mo=8.1*10**16
NP1:Strike-141 Dip=23 Slip=-150
NP2: 23 79 -70

15 11 20 22.15 37.282S 177.523E 33km
5.9mb (23 obs.) 6.4Msz (37 obs.)
OFF E. COAST OF N. ISLAND, N.Z.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike-190 Dip=80 Slip- 176
NP2: 281 86 10
Principal Axes:

	Plg-	Azm-
T	10	146
P	4	55

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.
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 6
Principal Axes:
Scale 10**18 Nm

	Val-	Plg-	Azm-
T	6.24	12	321
N	-0.01	74	186
P	-6.23	11	53

Best Double Couple:Mo=6.2*10**18
NP1:Strike= 97 Dip=74 Slip- 0
NP2: 7 90 164
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,156C M.W.: 44S, 73C
Centroid Location:
Origin Time 11:20:26.6 0.1
Lat 37.09S 0.01 Lon 177.45E 0.01
Dep 15.0 BDY Half-duration 3.6
Principal Axes:
Scale 10**18 Nm

	Val-	Plg-	Azm-
T	3.38	4	327
N	-0.18	67	227
P	-3.20	22	58

Best Double Couple:Mo=3.3*10**18
NP1:Strike-100 Dip=72 Slip- -13
NP2: 194 77 -161

15 23 56 11.47 3.262S 139.842E 114km
5.7mb (43 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 63S,135C
Centroid Location:
Origin Time 23:56:17.8 0.1
Lat 3.07S 0.01 Lon 139.85E 0.02
Dep 106.4 1.0 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.56	56	227
N	1.59	26	89
P	-7.15	20	349

Best Double Couple:Mo=6.3*10**17
NP1:Strike= 43 Dip=34 Slip= 38
NP2: 280 70 118

17 21 07 57.91 27.320S 176.715W 35km
5.2mb (18 obs.) 5.4Msz (40 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,112C
Centroid Location:
Origin Time 21:08: 3.5 0.2
Lat 27.37S 0.02 Lon 176.44W 0.02
Dep 20.7 1.1 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.59	66	299
N	0.72	8	192
P	-5.31	23	98

Best Double Couple:Mo=4.9*10**17
NP1:Strike=173 Dip=23 Slip= 70
NP2: 15 68 98

18 11 07 33.52 37.373N 139.799E 15km
5.3mb (57 obs.) 5.1Msz (6 obs.)
EASTERN HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 48C
Centroid Location:
Origin Time 11:07:36.4 0.4
Lat 37.12N 0.05 Lon 139.90E 0.05
Dep 22.4 4.2 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	0.92	2	351
N	0.25	80	249
P	-1.17	9	81

Best Double Couple:Mo=1.0*10**17
NP1:Strike=125 Dip=82 Slip= -5
NP2: 216 85 -172

18 11 40 40.50 44.029N 148.088E 33km
5.2mb (69 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 11C
Centroid Location:
Origin Time 11:40:47.5 1.2
Lat 44.07N FIX;Lon 148.07E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.37	59	234
N	0.30	25	16
P	-4.67	16	114

Best Double Couple:Mo=4.5*10**16
NP1:Strike=236 Dip=36 Slip=136
NP2: 4 66 62

18 20 38 32.08 17.838S 178.703W 545km
5.6mb (70 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=43 Slip= 90
NP2: 345 47 90
Principal Axes:

	Plg=	Azm=
T	88	255
P	2	75

Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 15 Focal mech. M
Energy 2.6±0.5*10**12 Nm

MOMENT TENSOR SOLUTION
Dep 580 No. of sta: 6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.08	75	353
N	0.75	15	173
P	-3.83	0	83

Best Double Couple:Mo=3.4*10**17
NP1:Strike=158 Dip=47 Slip= 69
NP2: 8 47 111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 63S,104C
Centroid Location:
Origin Time 20:38:39.6 0.1
Lat 17.55S 0.02 Lon 178.60W 0.01
Dep 573.8 1.0 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.48	77	1
N	0.24	12	161
P	-3.71	4	252

Best Double Couple:Mo=3.6*10**17
NP1:Strike=355 Dip=42 Slip=108
NP2: 151 51 74

19 08 41 30.16 15.614N 94.480W 30km
5.1mb (45 obs.)
NEAR COAST OF OAXACA, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 22S, 32C
Centroid Location:
Origin Time 08:41:35.3 0.6
Lat 15.63N 0.05 Lon 94.48W 0.07
Dep 30.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.95	71	29
N	-0.93	1	122
P	-7.02	19	213

Best Double Couple:Mo=7.5*10**16
NP1:Strike=304 Dip=26 Slip= 92
NP2: 122 64 89

19 09 22 04.52 54.103S 143.412E 10km
5.4mb (13 obs.) 5.5Msz (4 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,113C
Centroid Location:
Origin Time 09:22:12.4 0.2
Lat 54.26S 0.02 Lon 143.80E 0.03
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.63	1	219
N	-0.36	78	314
P	-4.27	12	129

Best Double Couple:Mo=4.4*10**17
NP1:Strike=265 Dip=81 Slip=-172
NP2: 174 82 -9

19 13 08 43.54 34.458S 108.234W 10km
5.4mb (14 obs.) 4.8Msz (10 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 34S, 52C
Centroid Location:
Origin Time 13:08:46.5 0.4
Lat 35.29S 0.06 Lon 108.80W 0.07
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.75	7	62
N	0.21	82	203
P	-7.96	5	331

Best Double Couple:Mo=7.8*10**16
NP1:Strike=107 Dip=82 Slip=179
NP2: 197 89 8

19 17 41 15.41 17.820S 178.631W 578km
5.2mb (47 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 29C
Centroid Location:
Origin Time 17:41:20.6 0.6
Lat 17.91S 0.07 Lon 178.51W 0.06
Dep 604.4 4.2 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.84	20	31
N	0.40	48	144
P	-2.24	35	286

Best Double Couple:Mo=2.0*10**17
NP1:Strike= 74 Dip=50 Slip=-167
NP2: 335 80 -41

20 08 13 30.43 12.865N 121.332E 33km
5.2mb (31 obs.) 4.7Msz (6 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 13C
Centroid Location:
Origin Time 08:13:29.8 0.7
Lat 12.89N FIX;Lon 121.47E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.29	31	123
N	3.08	12	25
P	-10.37	56	276

Best Double Couple:Mo=8.8*10**16
NP1:Strike=247 Dip=18 Slip= -47
NP2: 22 77 -103

21 11 22 11.56 22.408N 118.646E 16km
5.2mb (60 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 22S, 25C
Centroid Location:
Origin Time 11:22:12.3 0.6
Lat 22.59N 0.09 Lon 118.62E 0.12
Dep 16.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.44	16	182
N	0.14	20	279
P	-4.58	64	56

Best Double Couple:Mo=4.5*10**16
NP1:Strike=245 Dip=34 Slip=-128
NP2: 109 64 -68

21 17 43 30.35 0.816N 126.230E 36km
5.3mb (22 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 30C
Centroid Location:
Origin Time 17:43:35.2 0.8
Lat 1.16N 0.06 Lon 126.62E 0.09
Dep 41.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.37	56	230
N	0.96	28	87
P	-6.33	17	347

Best Double Couple:Mo=5.8*10**16
NP1:Strike= 42 Dip=37 Slip= 39
NP2: 279 68 120

23 00 28 28.66 4.995S 133.503E 33km
5.1mb (16 obs.) 4.8Msz (8 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 6S, 8C
Centroid Location:
Origin Time 00:28:27.8 1.2
Lat 5.04S FIX;Lon 133.63E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.26	42	109
N	4.24	33	342
P	-15.50	30	230

Best Double Couple:Mo=1.3*10**17
NP1:Strike=268 Dip=34 Slip= 13
NP2: 167 83 124

23 15 40 04.62 11.891S 165.855E 33km
5.0mb (10 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 4S, 5C
Centroid Location:
Origin Time 15:40: 0.7 1.8

Lat 12.21S FIX;Lon 166.80E FIX
Dep 15.310.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-68	Azm- 70
T	10.23		
N	-0.95	6	326
P	-9.28	21	234

Best Double Couple:Mo-9.8*10**16

	Strike	Dip	Slip
NP1:	314	25	76
NP2:	148	66	96

24 09 14 29.94 6.177S 146.698E 125km
5.5mb (34 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 09:14:34.1 0.6
Lat 6.27S 0.05 Lon 146.80E 0.08
Dep 111.0 4.0 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val-	Plg- 0	Azm-208
T	1.40		
N	-0.21	69	118
P	-1.19	21	298

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

	Strike	Dip	Slip
NP1:	341	75	-16
NP2:	75	75	-164

24 20 46 25.42 53.500N 160.359E 57km
5.5mb (106 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 56C
Centroid Location:
Origin Time 20:46:28.1 0.4
Lat 53.24N 0.05 Lon 160.98E 0.06
Dep 55.9 3.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-74	Azm-215
T	7.95		
N	-0.80	10	344
P	-7.15	13	76

Best Double Couple:Mo-7.6*10**16

	Strike	Dip	Slip
NP1:	180	34	109
NP2:	338	58	78

25 11 43 48.83 30.085S 178.351W 66km
5.1mb (7 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 73C
Centroid Location:
Origin Time 11:43:51.4 0.2
Lat 30.39S 0.02 Lon 177.76W 0.02
Dep 36.8 1.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-66	Azm-285
T	2.05		
N	0.38	0	16
P	-2.43	24	106

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

	Strike	Dip	Slip
NP1:	196	21	90
NP2:	16	69	90

25 20 17 13.87 2.352S 138.867E 33km
5.5mb (33 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 20:17:15.5 1.0
Lat 2.12S 0.09 Lon 138.49E 0.16
Dep 27.0 8.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-57	Azm- 48
T	9.32		
N	-0.41	7	149
P	-8.91	32	243

Best Double Couple:Mo-9.1*10**16

	Strike	Dip	Slip
NP1:	358	15	120
NP2:	147	77	83

26 03 08 17.68 53.650N 164.508W 33km
5.3mb (90 obs.) 5.0Msz (36 obs.)
UNIMAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 40S, 60C
Centroid Location:
Origin Time 03:08:17.6 0.3
Lat 53.61N 0.06 Lon 164.29W 0.05
Dep 42.8 3.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-23	Azm-325
T	7.87		
N	2.74	28	68
P	-10.61	52	201

Best Double Couple:Mo-9.2*10**16

	Strike	Dip	Slip
NP1:	14	33	-149
NP2:	257	74	-61

26 14 10 29.12 40.741N 124.310W 23km
5.1mb (13 obs.) 5.0Msz (2 obs.)
NEAR COAST OF NORTHERN CALIF.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 73C
Centroid Location:
Origin Time 14:10:35.0 0.2
Lat 40.94N 0.02 Lon 124.62W 0.03
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-13	Azm-112
T	2.18		
N	-0.21	77	310
P	-1.97	4	203

Best Double Couple:Mo-2.1*10**17

	Strike	Dip	Slip
NP1:	248	78	6
NP2:	157	84	168

26 14 48 01.47 36.469N 71.244E 226km
5.1mb (114 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 26S, 43C
Centroid Location:
Origin Time 14:48: 1.0 0.7
Lat 36.16N 0.07 Lon 70.89E 0.06
Dep 224.0 3.1 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-63	Azm-274
T	13.64		
N	-0.48	14	34
P	-13.16	22	129

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

	Strike	Dip	Slip
NP1:	244	26	123
NP2:	28	69	75

26 19 57 00.76 15.573S 71.757W 10km
5.0mb (12 obs.)
SOUTHERN PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 46C
Centroid Location:
Origin Time 19:57: 5.5 0.4
Lat 16.11S 0.03 Lon 71.88W 0.05
Dep 43.7 2.9 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val-	Plg-10	Azm- 13
T	1.17		
N	0.11	7	282
P	-1.28	78	160

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

	Strike	Dip	Slip
NP1:	111	35	-79
NP2:	277	56	-98

27 17 32 50.81 31.965S 179.860E 212km
6.0mb (57 obs.)
KERMADEC ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves

	Strike	Dip	Slip
NP1:	0	47	-90
NP2:	180	43	-90

Principal Axes:

	Plg- 2	Azm- 90
T		
P	88	270

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 2.4±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 230 No. of sta: 36
Principal Axes:
Scale 10**18 Nm

	Val-	Plg-12	Azm-116
T	3.99		
N	0.00	16	209
P	-3.98	70	351

Best Double Couple:Mo-4.0*10**18

	Strike	Dip	Slip
NP1:	185	36	-118
NP2:	39	59	-71

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 75S,186C M.W.: 56S, 86C
Centroid Location:
Origin Time 17:32:57.9 0.1
Lat 31.84S 0.01 Lon 179.82E 0.01
Dep 225.8 0.4 Half-duration 3.6
Principal Axes:
Scale 10**18 Nm

	Val-	Plg- 6	Azm- 90
T	3.78		
N	0.38	23	183
P	-4.15	66	345

Best Double Couple:Mo-4.0*10**18

	Strike	Dip	Slip
NP1:	156	44	-125
NP2:	20	56	-61

28 03 56 17.10 35.833N 90.737E 33km
5.1mb (33 obs.) 4.7Msz (3 obs.)
QINGHAI, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 19C
Centroid Location:
Origin Time 03:56:22.5 0.5
Lat 35.75N FIX;Lon 90.57E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg-22	Azm-321
T	7.33		
N	-1.44	11	56
P	-5.88	65	170

Best Double Couple:Mo-6.6*10**16

	Strike	Dip	Slip
NP1:	31	25	-116
NP2:	240	68	-78

28 12 19 23.03 40.525N 143.419E 27km
6.4mb (120 obs.) 7.5Msz (32 obs.)
OFF EAST COAST OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves

	Strike	Dip	Slip
NP1:	19	86	90
NP2:	199	4	90

Principal Axes:

	Plg-49	Azm-289
T		
P	41	109

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 37 Focal mech. F
Energy 4.5±0.7*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 41
Principal Axes:
Scale 10**20 Nm

	Val-	Plg-54	Azm-297
T	4.27		
N	0.10	1	205
P	-4.37	36	115

Best Double Couple:Mo-4.3*10**20

	Strike	Dip	Slip
NP1:	200	9	85
NP2:	26	81	91

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
M.W.: 65S,175C
Centroid Location:
Origin Time 12:19:59.1 0.1
Lat 40.56N 0.01 Lon 142.99E 0.01
Dep 27.7 0.3 Half-duration 14.8
Principal Axes:
Scale 10**20 Nm

	Val-	Plg-56	Azm-298
T	4.82		
N	0.14	5	202
P	-4.96	34	108

Best Double Couple:Mo-4.9*10**20

	Strike	Dip	Slip
NP1:	179	12	67
NP2:	22	79	95

28 20 52 25.83 40.094N 142.687E 22km
5.9mb (132 obs.) 5.9Msz (31 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves

	Strike	Dip	Slip
NP1:	25	80	90
NP2:	205	10	90

Principal Axes:

	Plg-55	Azm-295
T		
P	35	115

Comment: The focal mechanism is poorly controlled and

corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 9.8±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 20
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	1.97	63	286
N	-0.11	3	21
P	-1.86	27	113

Best Double Couple:Mo=1.9*10**18
NP1:Strike=209 Dip=18 Slip= 98
NP2: 21 72 87
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,138C
Centroid Location:
Origin Time 20:52:31.1 0.2
Lat 40.10N 0.02 Lon 143.09E 0.02
Dep 31.0 BDY Half-duration 3.0
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	1.98	61	317
N	0.15	12	205
P	-2.13	26	109

Best Double Couple:Mo=2.1*10**18
NP1:Strike=174 Dip=22 Slip= 57
NP2: 29 72 102

28 22 23 55.89 32.961S 179.862E 54km
5.6mb (17 obs.) 6.0Msz (27 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 20C
Centroid Location:
Origin Time 22:23:53.1 0.9
Lat 32.93S 0.14 Lon 179.96E 0.13
Dep 31.313.1 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val-	Plg	Azm
T	4.63	10	308
N	-0.80	73	73
P	-3.83	14	216

Best Double Couple:Mo=4.2*10**17
NP1:Strike=352 Dip=73 Slip=-177
NP2: 262 87 -17

28 22 37 46.34 40.375N 143.636E 11km
5.9mb (97 obs.) 6.0Msz (15 obs.)
OFF EAST COAST OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=81 Slip= 90
NP2: 205 9 90
Principal Axes:

	Plg	Azm
T	54	295
P	36	115

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 2.8±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 24
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	4.57	52	275
N	-0.03	10	18
P	-4.55	37	115

Best Double Couple:Mo=4.6*10**18
NP1:Strike=249 Dip=12 Slip= 142
NP2: 16 83 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,130C
Centroid Location:
Origin Time 22:37:52.2 0.1
Lat 40.32N 0.02 Lon 143.74E 0.03
Dep 15.0 FIX Half-duration 3.4
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	2.56	54	294
N	0.10	1	202
P	-2.67	36	111

Best Double Couple:Mo=2.6*10**18
NP1:Strike=194 Dip= 9 Slip= 81
NP2: 23 81 91

29 15 29 29.00 40.773N 142.109E 56km
5.7mb (119 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S, 82C
Centroid Location:
Origin Time 15:29:30.5 0.2
Lat 40.66N 0.02 Lon 142.42E 0.02
Dep 60.7 1.8 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val-	Plg	Azm
T	1.90	66	320
N	0.12	11	205
P	-2.02	21	110

Best Double Couple:Mo=2.0*10**17
NP1:Strike=181 Dip=25 Slip= 64
NP2: 29 67 102

29 18 58 30.46 29.079N 103.790E 33km
5.3mb (70 obs.) 4.7Msz (6 obs.)
SICHUAN, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 18:58:34.1 0.6
Lat 28.80N 0.16 Lon 103.59E 0.10
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg	Azm
T	5.32	46	7
N	1.18	43	177
P	-6.50	5	272

Best Double Couple:Mo=5.9*10**16
NP1:Strike= 38 Dip=55 Slip= 147
NP2: 149 63 40

29 22 33 24.53 40.400N 142.921E 33km
5.3mb (61 obs.) 4.7Msz (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 13C
Centroid Location:
Origin Time 22:33:25.8 1.5
Lat 40.08N FIX;Lon 143.52E FIX
Dep 30.9 9.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg	Azm
T	6.13	50	327
N	-0.53	12	223
P	-5.60	37	124

Best Double Couple:Mo=5.9*10**16
NP1:Strike=162 Dip=14 Slip= 29
NP2: 44 84 102

30 15 12 25.28 18.552N 145.363E 219km
5.6mb (88 obs.)
MARIANA ISLANDS
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 1.6±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 227 No. of sta: 21
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	3.24	46	170
N	0.21	41	324
P	-3.46	13	66

Best Double Couple:Mo=3.4*10**18
NP1:Strike=196 Dip=48 Slip= 152
NP2: 306 70 46
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 72S,180C
Centroid Location:
Origin Time 15:12:33.2 0.1
Lat 18.66N 0.01 Lon 145.59E 0.01
Dep 228.2 0.5 Half-duration 3.5
Principal Axes:
Scale 10**18 Nm

	Val-	Plg	Azm
T	3.22	54	175
N	-0.15	31	320
P	-3.07	17	60

Best Double Couple:Mo=3.1*10**18
NP1:Strike=187 Dip=39 Slip= 144
NP2: 306 68 57

30 22 55 24.93 4.265S 152.749E 33km
5.6mb (35 obs.) 5.0Msz (8 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 63C
Centroid Location:
Origin Time 22:55:31.8 0.3
Lat 4.20S 0.05 Lon 152.88E 0.03
Dep 53.1 3.6 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val-	Plg	Azm
T	1.58	50	159
N	0.18	25	35
P	-1.77	29	290

Best Double Couple:Mo=1.7*10**17
NP1:Strike=333 Dip=28 Slip= 26
NP2: 220 78 116

31 02 57 20.85 20.524N 109.330E 33km
5.7mb (77 obs.) 5.3Msz (12 obs.)
SOUTHEASTERN CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 45C
Centroid Location:
Origin Time 02:57:19.8 0.3
Lat 20.56N 0.04 Lon 109.43E 0.05
Dep 32.1 3.1 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val-	Plg	Azm
T	0.93	27	229
N	0.40	62	59
P	-1.33	4	321

Best Double Couple:Mo=1.1*10**17
NP1:Strike= 8 Dip=68 Slip= 17
NP2: 272 74 157

31 13 50 23.70 40.217N 142.546E 43km
5.7mb (109 obs.) 5.6Msz (48 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 66S,155C
Centroid Location:
Origin Time 13:50:27.1 0.1
Lat 40.22N 0.01 Lon 142.85E 0.01
Dep 34.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm

	Val-	Plg	Azm
T	9.72	64	319
N	0.80	11	206
P	-10.52	23	111

Best Double Couple:Mo=1.0*10**18
NP1:Strike=180 Dip=24 Slip= 62
NP2: 30 69 102

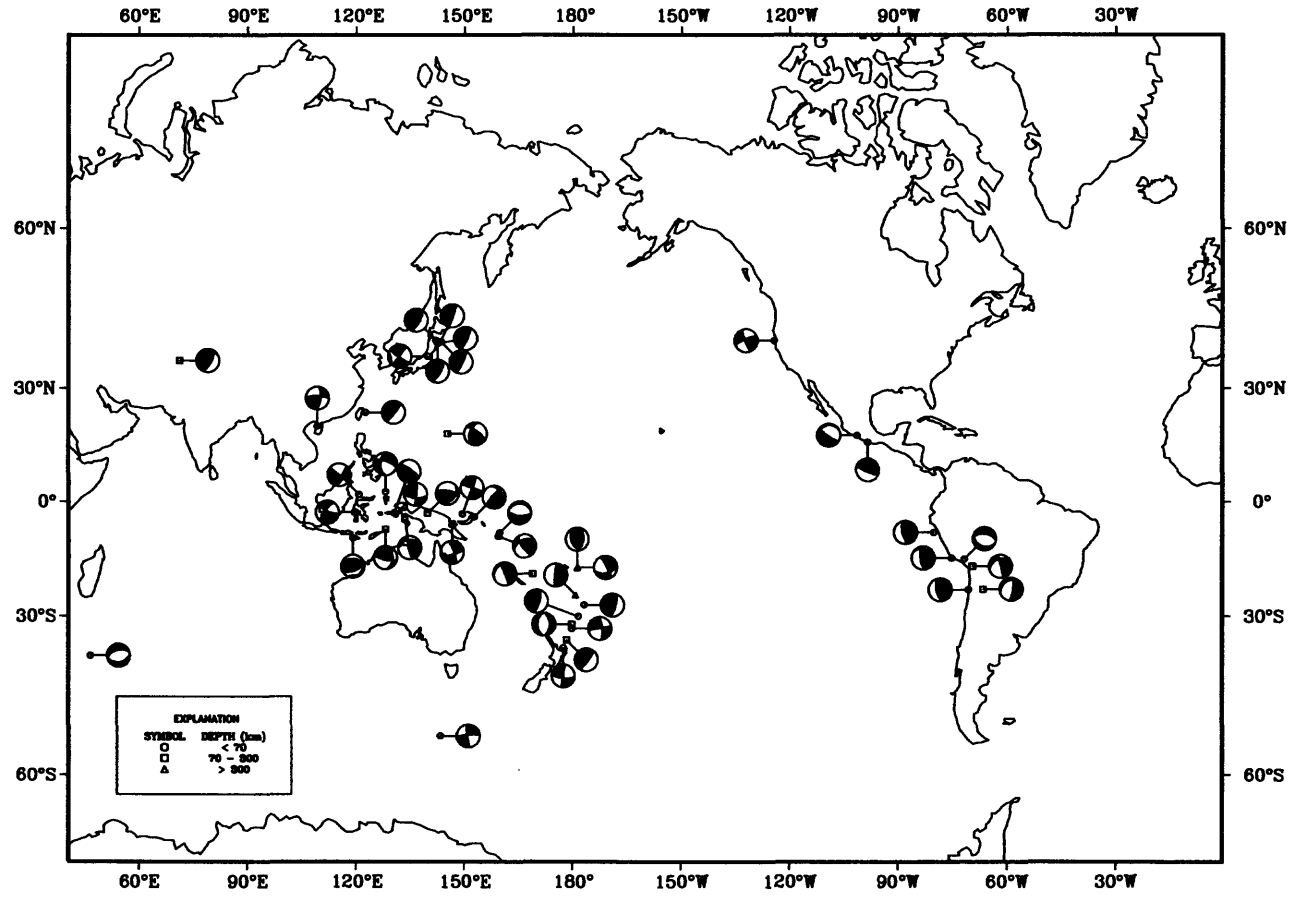
31 20 52 27.75 35.820N 139.993E 76km
5.2mb (52 obs.)
NEAR S. COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 23C
Centroid Location:
Origin Time 20:52:28.0 1.3
Lat 35.69N 0.12 Lon 140.72E 0.09
Dep 56.4 5.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

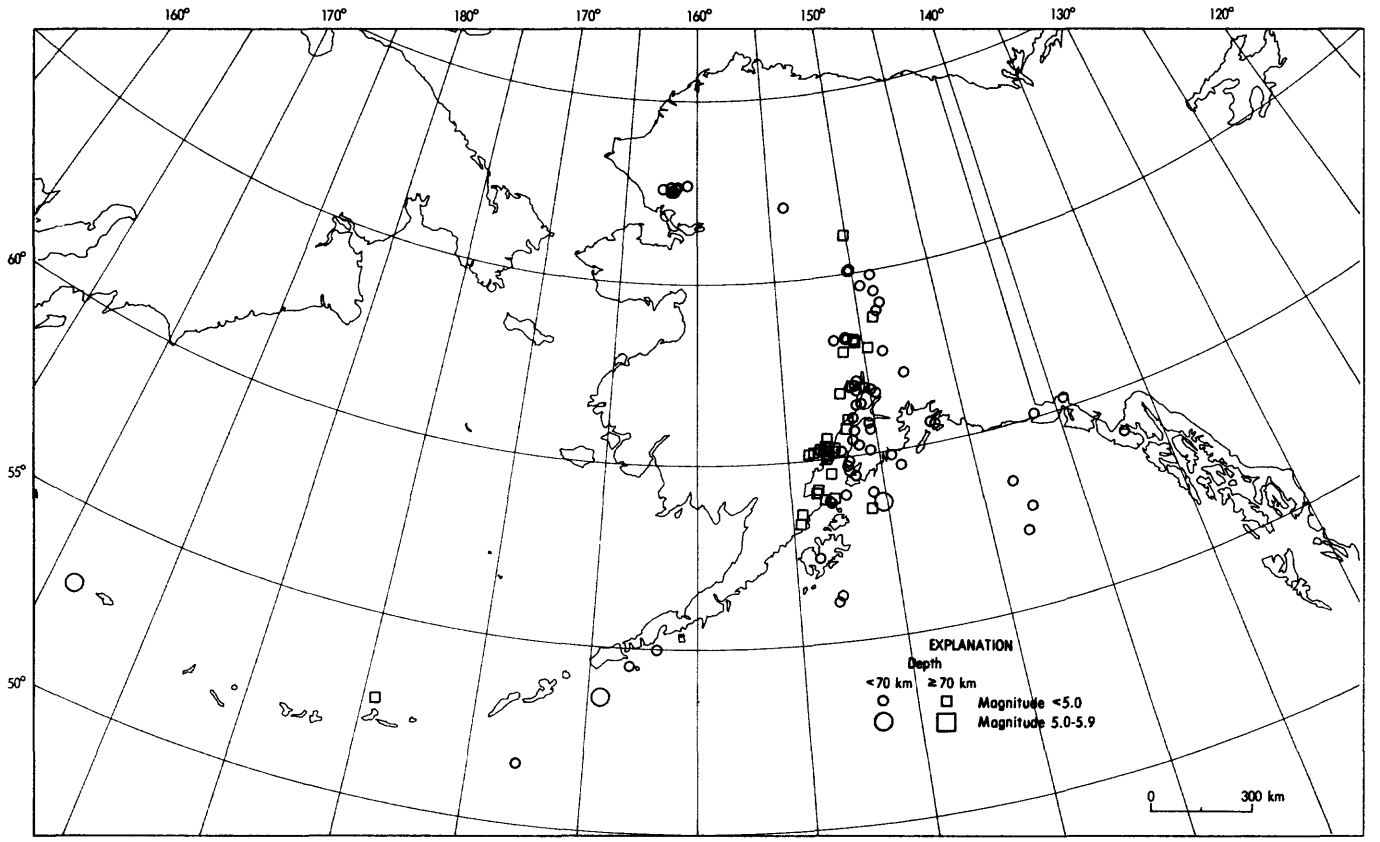
	Val-	Plg	Azm
T	5.86	63	339
N	-2.01	11	225
P	-3.86	24	130

Best Double Couple:Mo=4.9*10**16
NP1:Strike=197 Dip=24 Slip= 60
NP2: 49 70 102

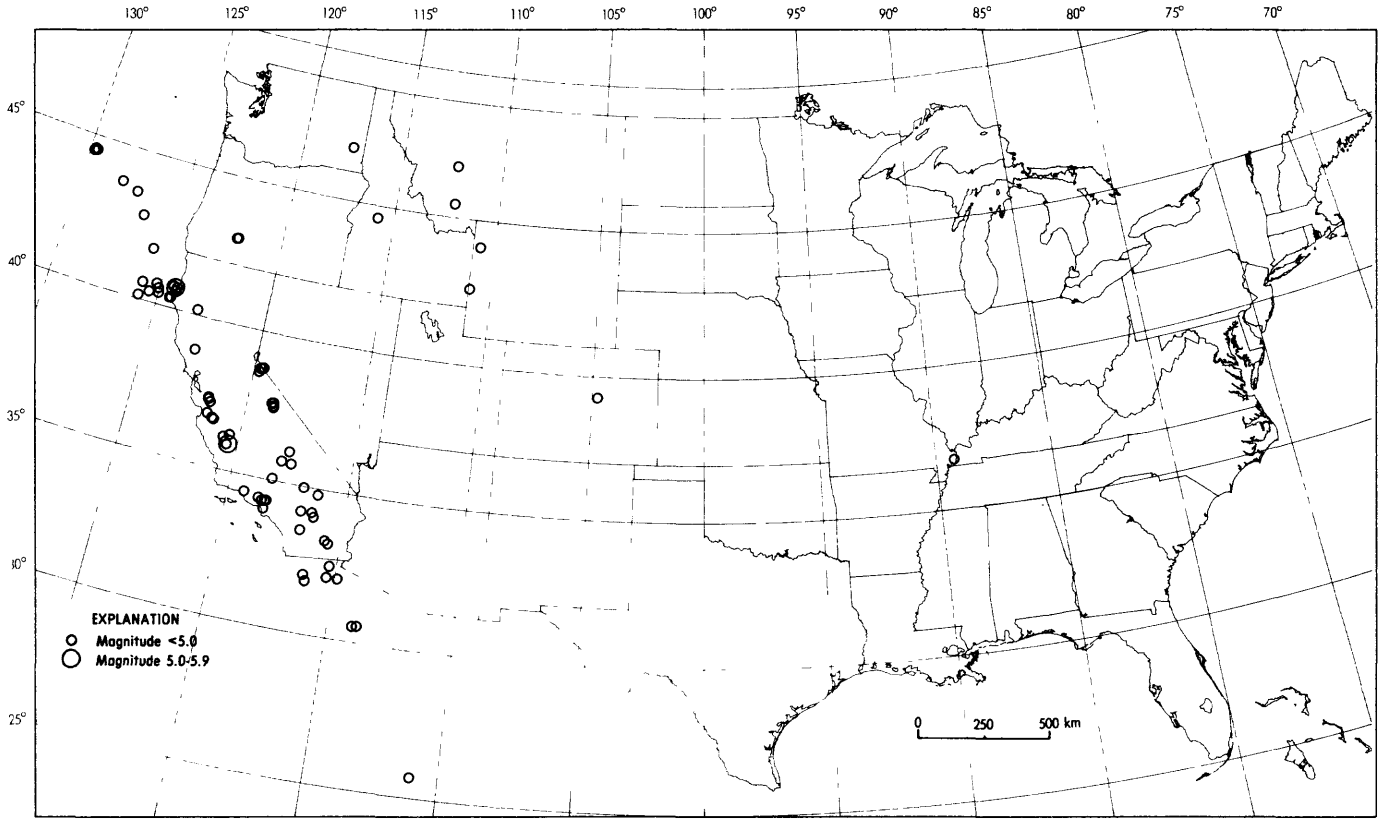
Compiled by Francis W. Baldwin, Pamela J. Benfield, Pingsheng Chang, George L. Choy, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder, Stuart A. Sipkin and Madeleine D. Zirbes.

Earthquake Focal Mechanisms for December 1994

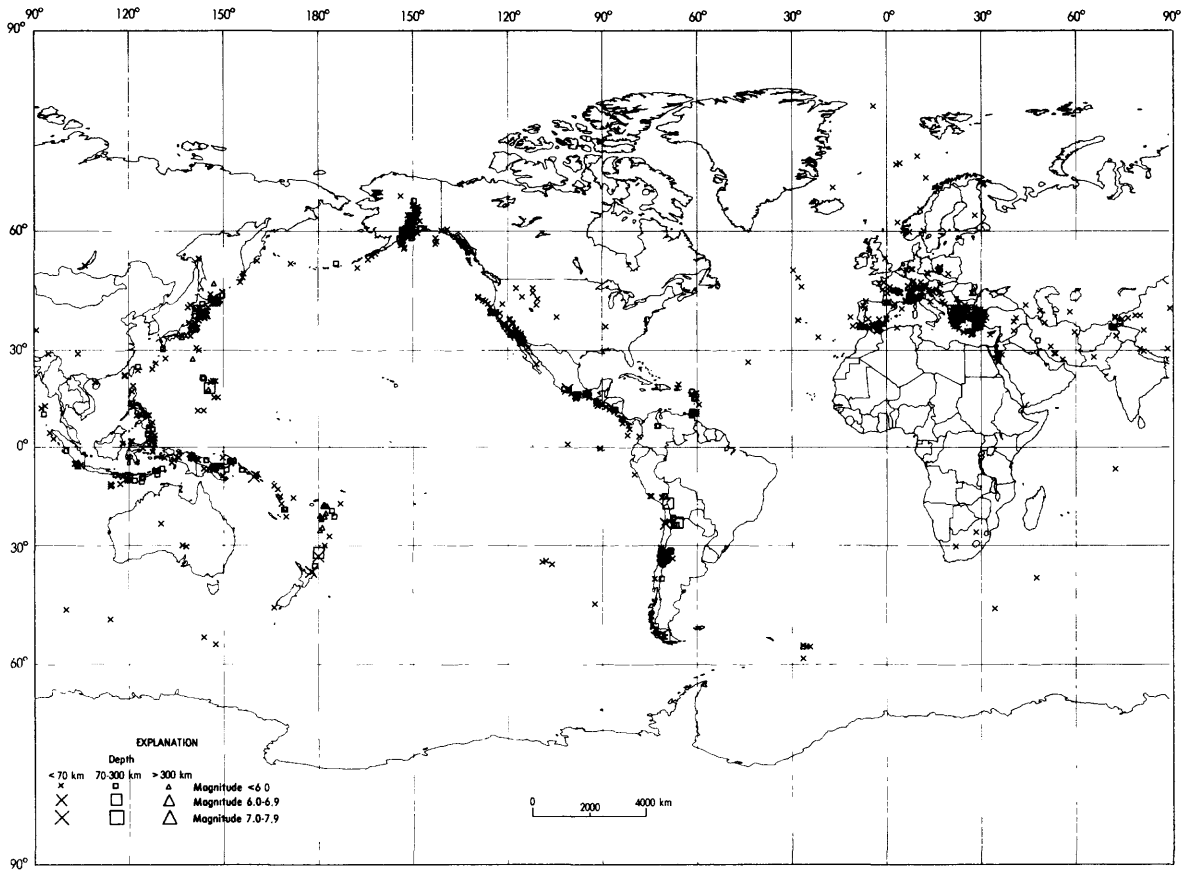




Earthquake epicenters in Alaska and adjacent regions for December, 1994



Earthquake epicenters in the conterminous United States and adjacent regions for December, 1994



Earthquakes located in December, 1994

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

NOVEMBER 1994

KEY	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	04	30.6*	43.937	N	147.262	E	24	*	4.7		0.7	24	KURIL ISLANDS
	01	00	20	43.8%	33.390	S	70.484	W	80	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	01	00	28	03.4*	43.549	N	146.709	E	54	?	4.2		1.0	13	KURIL ISLANDS
	01	01	03	35.9?	38.87	N	29.89	W	10	G			0.6	12	AZORES ISLANDS. Felt (II) on Faial Island.
	01	01	41	54.1*	43.328	N	128.111	W	10	G			0.4	26	OFF COAST OF OREGON
	01	03	02	12.0&	61.729	N	151.711	W	88					68	SOUTHERN ALASKA. <AEIC>.
	01	03	02	24.0&	42.246	N	121.964	W	7					23	OREGON. <SEA-P>. MD 3.0 (SEA). ML 3.3 (BRK), 3.2 (GS). Felt in the Klamath Falls area.
	01	03	19	11.1	40.786	N	20.884	E	5	G			1.1	11	GREECE-ALBANIA BORDER REGION. ML 2.5 (TIR), 2.1 (SKO).
	01	03	50	14.3?	34.14	S	68.22	W	5	G			0.9	11	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	01	03	56	22.2	40.784	N	20.847	E	10	G			1.1	24	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 3.3 (TTG), 3.0 (TIR).
	01	04	41	07.8&	58.984	N	153.332	W	81					92	KODIAK ISLAND REGION. <AEIC>.
	01	04	50	33.0	42.951	N	0.277	W	5	G			1.1	11	PYRENEES. ML 2.7 (LDG). mbLg 2.7 (MDD).
	01	05	06	35.7%	39.278	N	29.220	E	5	G			0.5	10	TURKEY. ML 3.1 (ISK).
	01	05	11	39.7	38.909	N	22.769	E	33	N			1.0	8	GREECE. MD 3.3 (ATH).
	01	05	20	29.2*	42.135	N	142.159	E	33	N	4.7		0.9	18	HOKKAIDO, JAPAN REGION
	01	06	06	53.0&	37.431	N	118.562	W	12					32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	01	07	51	40.2%	36.751	N	3.077	W	5	G			0.4	5	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	01	07	59	53.2?	44.62	N	147.34	E	33	N	4.4		1.1	10	KURIL ISLANDS
	01	08	02	53.7	40.912	N	20.835	E	10	G			0.6	7	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH).
a	01	08	08	02.1*	1.432	S	67.947	E	10	G	5.0	5.2	1.2	41	CARLSBERG RIDGE. Mw 5.7 (HRV).
	01	08	31	41.9?	45.42	N	26.39	E	130	G			0.9	6	ROMANIA
	01	08	36	27.3*	44.070	N	146.521	E	33	N	4.6		0.8	7	KURIL ISLANDS
	01	08	51	33.3?	39.75	N	29.70	E	10	G			1.0	4	TURKEY. ML 2.6 (ISK).
	01	09	30	46.7	46.348	N	7.514	E	5	G			0.7	28	SWITZERLAND. ML 2.5 (LDG).
	01	10	06	29.7	39.357	N	20.160	E	33	N	4.2		1.1	46	GREECE-ALBANIA BORDER REGION. MD 3.9 (ATH). ML 3.9 (TIR), 3.8 (TTG).
	01	10	18	27.7%	39.669	N	29.571	E	10	G			0.7	7	TURKEY. ML 2.7 (ISK).
	01	10	20	59.6&	58.471	N	154.264	W	84					41	ALASKA PENINSULA. <AEIC>.
	01	10	25	27.8%	40.758	N	30.001	E	10	G			0.1	5	TURKEY. ML 2.6 (ISK).
	01	10	55	42.0%	39.305	N	29.139	E	5	G			0.6	8	TURKEY. ML 2.9 (ISK).
	01	11	08	42.3*	66.762	N	14.343	E	10	G			0.9	5	NORTHERN NORWAY. MD 2.1 (BER).
	01	11	41	16.7	8.760	S	117.951	E	137	*	4.6		0.8	22	SUMBAWA REGION, INDONESIA
	01	13	12	43.5	27.951	S	26.671	E	5	G			1.1	17	REPUBLIC OF SOUTH AFRICA. ML 4.2 (PRE).
	01	14	04	23.7?	10.99	N	61.82	W	33	N			0.3	5	TRINIDAD
	01	14	13	49.1&	38.767	N	119.703	W	0					27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	01	14	15	22.8&	59.888	N	152.831	W	96					44	SOUTHERN ALASKA. <AEIC>.
	01	15	16	45.5%	39.668	N	29.306	E	10	G			0.4	5	TURKEY. ML 2.7 (ISK).
	01	15	27	49.2&	62.680	N	150.720	W	90		4.5			123	CENTRAL ALASKA. <AEIC>. Felt (III) at Skwentna, Talkeetna, Wasilla and Willow. Also felt at Palmer.
	01	16	48	36.8	8.216	N	125.909	E	42		4.6	4.3	1.2	15	MINDANAO, PHILIPPINE ISLANDS
	01	17	21	44.0?	60.20	N	6.49	E	10	G			1.5	4	SOUTHERN NORWAY. MD 1.4 (BER).
	01	18	01	54.3*	8.214	N	125.978	E	55	*	3.9		1.5	8	MINDANAO, PHILIPPINE ISLANDS
	01	18	31	00.0?	45.57	N	26.58	E	130	G			0.6	5	ROMANIA
	01	19	06	53.7%	44.092	N	8.540	E	10	G			0.2	8	NORTHERN ITALY. ML 2.2 (GEN).
	01	19	33	26.2&	60.032	N	140.665	W	8					12	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	20	31	34.3	43.160	N	19.052	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	01	21	38	45.5%	33.138	S	70.237	W	10	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	01	21	42	30.2	42.045	N	32.375	E	10	G			0.3	11	BLACK SEA. ML 3.5 (ISK).
	01	22	18	04.3%	38.629	N	2.267	W	10	G			1.0	12	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Bogarra area.
	01	22	21	43.8*	7.136	S	145.791	E	33	N	4.4		1.5	5	NEAR S COAST OF NEW GUINEA, PNG. ML 4.0 (PMG).
	01	22	27	04.6?	43.38	N	147.71	E	33	N	4.3		1.3	11	KURIL ISLANDS
	01	22	36	53.0&	65.674	N	149.828	W	37					17	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	23	43	43.2	43.136	N	0.619	W	10	G			0.6	10	PYRENEES. ML 1.0 (STR).
	02	00	16	41.6	45.074	N	14.712	E	5	G			1.3	57	NORTHWESTERN BALKAN REGION. ML 3.9 (ZAG), 3.7 (GRF), 3.7 (TTG), 3.5 (LDG). MD 3.9 (LJU), 3.6 (TRI). Felt at Novi Vinodolski and Senj.

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	02	00	54	19.6	44.092	N	147.034	E	33	N	4.7	4.6	0.7	49	KURIL ISLANDS
a	02	01	43	55.5	5.099	N	118.643	E	55		5.7		1.1	236	BORNEO. Mw 5.7 (HRV). Felt strongly at Kota Kinabalu, Sandakan and Tawau, Malaysia.
	02	02	02	18.8%	76.157	N	10.317	E	5	G			0.8	5	SVALBARD REGION
	02	02	05	44.4	38.901	N	107.493	W	1	G			0.5	12	COLORADO. ML 2.8 (GS). Coal bump.
	02	02	40	51.4&	58.844	N	152.414	W	55					44	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	02	02	48	16.4&	38.748	N	119.722	W	2					46	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 2.7 (GS).
	02	03	34	49.7	41.087	N	21.032	E	5	G			1.1	30	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG), 2.8 (THE). MD 3.3 (ATH). Felt (IV) in the Resen-Lake Prespa area.
	02	04	34	20.3	18.606	N	120.914	E	54		4.4	4.1	1.0	18	LUZON, PHILIPPINE ISLANDS. Felt (II RF) in the Pasuquin area.
	02	04	46	24.8	43.668	N	127.614	W	10	G			0.4	59	OFF COAST OF OREGON
	02	04	55	15.2	5.312	N	76.554	W	84	D	4.5		1.1	57	COLOMBIA
	02	05	08	10.8?	43.13	N	147.67	E	74	?	4.5		1.1	12	KURIL ISLANDS
	02	06	32	24.0&	37.430	N	118.561	W	12					34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	02	07	06	45.2	33.031	S	69.196	W	10	G			0.7	13	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	02	07	31	02.0%	44.740	N	6.697	E	10	G			0.3	5	FRANCE. ML 2.1 (GEN).
	02	07	34	20.8*	60.879	N	167.507	E	10	G	4.3		1.0	20	EASTERN SIBERIA, RUSSIA
	02	08	46	16.2&	64.933	N	147.585	W	13					39	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR). Felt (III-V) throughout the Fairbanks area.
	02	09	50	46.1	40.594	N	26.066	E	10	G			0.8	26	TURKEY. ML 3.6 (ISK).
	02	09	51	18.6	24.846	N	95.311	E	144		4.8		0.8	93	MYANMAR
	02	10	03	51.5?	14.84	N	119.84	E	97	?	4.3		0.9	6	LUZON, PHILIPPINE ISLANDS
	02	10	07	56.8	40.589	N	26.079	E	10	G			0.5	15	TURKEY. ML 3.5 (ISK). MD 3.4 (ATH).
	02	10	14	22.9?	39.65	N	29.29	E	10	G			0.6	4	TURKEY. ML 2.6 (ISK).
	02	11	01	54.7?	39.70	N	29.44	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	02	11	08	27.4?	43.42	N	146.36	E	33	N	4.2		0.5	5	KURIL ISLANDS
	02	11	59	43.7*	28.464	N	142.751	E	33	N	3.4		1.0	10	BONIN ISLANDS REGION
	02	12	31	01.0	38.152	N	48.315	E	10	G	5.0		1.4	54	ARMENIA-AZERBAIJAN-IRAN BORD REG. Felt at Astara and Ardabil, Iran.
	02	12	49	00.8%	40.608	N	30.053	E	5	G			0.4	5	TURKEY. ML 2.5 (ISK).
	02	13	10	43.3	40.590	N	26.093	E	10	G			0.7	14	TURKEY. ML 3.4 (ISK). MD 3.4 (ATH).
	02	13	15	56.2	40.596	N	26.094	E	10	G			0.9	17	TURKEY. ML 3.6 (ISK). MD 3.6 (ATH).
	02	13	24	15.6&	60.439	N	151.451	W	58					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	02	13	31	40.9?	39.57	N	29.38	E	10	G			0.5	7	TURKEY. ML 2.7 (ISK).
	02	13	45	56.9%	43.284	N	19.006	E	10	G			0.4	5	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	02	13	52	19.9&	50.515	N	130.286	W	10	G	3.8			99	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.1 (PGC).
	02	14	16	36.5%	44.453	N	7.474	E	10	G			0.4	10	NORTHERN ITALY. ML 2.1 (GEN).
	02	14	57	32.3*	56.754	N	7.442	E	10	G			1.0	12	NORTH SEA
	02	15	55	49.1?	39.23	N	26.69	E	5	G			0.6	5	TURKEY. ML 3.0 (ISK).
	02	18	13	32.8*	43.572	N	148.065	E	33	N	4.4		1.0	14	EAST OF KURIL ISLANDS
	02	18	35	28.8&	32.906	N	119.124	W	6	G				7	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	20	11	46.2?	45.34	N	26.35	E	130	G			1.4	6	ROMANIA
	02	20	48	28.0	43.793	N	128.056	W	10	G	4.4		0.7	138	OFF COAST OF OREGON. MD 4.5 (SEA).
	02	21	16	28.1?	44.26	N	7.26	E	10	G			0.4	4	NORTHERN ITALY. ML 1.8 (GEN).
	02	22	28	41.0	42.635	N	18.676	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	02	22	45	42.5%	42.389	N	18.546	E	5	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	02	22	47	46.1?	34.44	S	70.31	W	10	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	02	23	00	24.3	9.683	S	118.598	E	32	*	4.8		1.2	27	SUMBAWA REGION, INDONESIA
	02	23	54	07.2	43.384	N	147.338	E	63	D	4.8		0.7	46	KURIL ISLANDS
	03	00	11	37.4?	43.56	N	146.89	E	33	N			0.6	8	KURIL ISLANDS
	03	00	21	13.7*	51.221	N	15.849	E	10	G			0.7	5	POLAND
	03	01	03	18.3*	45.912	N	125.840	W	10	G			0.5	32	OFF COAST OF OREGON
	03	01	21	07.9?	43.64	N	147.04	E	33	N	4.7		0.8	29	KURIL ISLANDS
a	03	03	07	21.5	10.931	S	166.247	E	156	D	5.4		0.7	201	SANTA CRUZ ISLANDS. Mw 5.8 (HRV). mb 5.6 (BRK). Mo=5.4*10**17 Nm (PPT).
	03	04	35	06.4	15.414	N	60.749	W	10	G			0.5	12	LEEWARD ISLANDS. ML 2.7 (FDF). MD 3.3 (TRN).
	03	04	35	52.6	40.850	N	20.856	E	5	G			1.2	27	GREECE-ALBANIA BORDER REGION. ML 2.9 (TTG), 2.7 (THE), 2.5 (TIR). MD 3.1 (ATH).
	03	06	05	57.2%	46.410	N	1.870	E	10	G			0.6	9	FRANCE. ML 1.9 (LDG).
	03	06	33	31.1%	34.434	S	70.359	W	5	G			0.7	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	03	08	04	52.1?	5.14	S	133.63	E	33	N	4.3		1.3	6	ARU ISLANDS REGION, INDONESIA
	03	08	24	40.2?	4.61	S	130.76	E	33	N	4.6		1.0	6	BANDA SEA
	03	09	20	09.9%	37.142	N	4.124	W	10	G			1.5	5	SPAIN. mbLg 2.4 (MDD).
	03	09	52	41.4*	43.201	N	17.706	E	5	G			1.2	9	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	03	10	12	16.4	35.317	N	27.580	E	33	N			0.7	10	DODECANESE ISLANDS. MD 3.8 (ATH).
	03	11	18	46.2	43.274	N	147.446	E	49	D	5.1		0.8	153	KURIL ISLANDS
	03	11	40	10.1	40.040	N	108.269	W	5	G			0.7	14	COLORADO. ML 3.4 (GS).
	03	11	43	33.4	28.260	N	52.203	E	33	N	4.9	4.4	0.9	93	SOUTHERN IRAN
	03	11	51	32.3&	60.060	N	153.226	W	163					43	SOUTHERN ALASKA. <AEIC>.
	03	11	59	13.5?	39.60	N	29.54	E	10	G			0.6	7	TURKEY. ML 2.8 (ISK).
	03	12	03	31.6*	19.328	S	166.467	E	33	N	3.9		1.2	8	VANUATU ISLANDS REGION
	03	12	52	39.1*	20.818	S	179.355	W	633	?	4.4		0.7	35	FIJI ISLANDS REGION
	03	13	22	21.0?	34.93	S	71.23	W	80	G			0.3	6	NEAR COAST OF CENTRAL CHILE
	03	13	31	37.8&	40.455	N	125.755	W	22					32	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.5 (BRK), 3.3 (GS). MD 3.3 (GM).
	03	14	41	50.9&	60.307	N	152.049	W	79					42	SOUTHERN ALASKA. <AEIC>.
	03	16	36	16.1&	59.139	N	152.064	W	62					36	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	03	18	39	13.4*	43.704	N	147.434	E	35	D	4.6		0.6	27	KURIL ISLANDS
	03	20	31	28.7?	14.58	N	94.23	W	57	*	4.5		1.0	9	OFF COAST OF CHIAPAS, MEXICO
	03	20	33	30.6&	34.573	N	116.578	W	5					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	03	20	42	13.1%	12.990	N	89.664	W	33	N			0.2	13	OFF COAST OF CENTRAL AMERICA. MD 3.9 (SSS). Felt (III) at San Salvador, El Salvador.
	03	21	41	41.2	42.421	N	18.522	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	03	22	11	20.8?	34.66	S	70.85	W	100	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	03	22	29	14.5%	42.392	N	18.470	E	10	G			0.5	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	03	23	59	23.9*	38.718	N	21.294	E	5	G			1.0	7	GREECE. MD 3.1 (ATH).
a	04	01	13	20.1	9.379	S	71.334	W	591	G	5.8		1.0	538	PERU-BRAZIL BORDER REGION. Mw 6.1 (GS), 6.1 (HRV). mb 5.9 (BRK). Depth from broadband displacement seismograms.
	04	01	35	32.6*	17.052	S	172.429	W	36	D	5.2	5.0	1.2	20	TONGA ISLANDS REGION

	04	01	43	40.2?	16.38	S	173.07	W	33	N	4.6	1.2	15	TONGA ISLANDS
	04	02	17	23.2	45.768	N	15.255	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 2.5 (ZAG). MD 2.7 (LJU), 2.4 (TRI). Felt (IV) in the Stopce area, Slovenia.
	04	02	18	42.9%	32.798	S	71.673	W	10	G		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	04	03	08	35.7%	32.788	S	71.756	W	10	G		0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	03	20	01.0*	32.492	S	72.131	W	10	G		0.5	12	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	04	03	53	38.2	0.690	N	127.027	E	10	G	4.9	1.0	25	HALMAHERA, INDONESIA. Felt (III) at Ternate.
	04	03	54	24.9	19.631	N	108.837	W	10	G	4.6	1.1	56	REVILLA GIGEDO ISLANDS REGION
a	04	05	24	18.2*	17.709	S	172.197	W	33	N	5.1 4.6	1.2	19	TONGA ISLANDS REGION. Mw 5.3 (HRV). Mo=1.4*10**17 Nm (PPT).
	04	05	40	47.9*	36.154	N	21.811	E	5	G		1.1	10	SOUTHERN GREECE. MD 3.6 (ATH).
	04	05	59	51.8	59.300	N	5.846	E	10	G		0.8	8	SOUTHERN NORWAY. MD 2.0 (BER).
	04	06	00	48.5?	27.39	N	34.44	E	10	G		0.5	6	RED SEA. MD 3.2 (RYD).
	04	06	21	26.5&	40.390	N	125.524	W	23				28	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK), 3.0 (GS).
	04	06	59	40.1	58.076	N	151.292	W	33	N	4.9	0.9	161	KODIAK ISLAND REGION. ML 4.9 (AEIC), 5.1 (PMR). Felt (III) at Kodiak.
	04	07	17	37.3*	33.427	N	132.161	E	33	N	4.5	1.1	9	SHIKOKU, JAPAN
a	04	08	27	30.6	21.473	S	179.341	W	616	D	5.3	0.9	145	FIJI ISLANDS REGION. Mw 5.4 (HRV). mb 5.1 (BRK).
	04	09	40	27.8*	51.092	N	15.807	E	10	G		1.5	6	POLAND
	04	09	46	42.0%	39.585	N	29.510	E	5	G		0.8	5	TURKEY. ML 2.8 (ISK).
	04	10	06	25.4*	36.102	N	139.944	E	60		4.9	1.0	11	EASTERN HONSHU, JAPAN. Felt (III JMA) at Mito; (II JMA) at Kumagaya, Nikko, Tokyo and Utsunomiya.
a	04	10	12	41.9	17.417	S	172.027	W	33	N	5.5 5.1	1.1	59	TONGA ISLANDS REGION. Mw 5.5 (HRV). Ms 5.0 (BRK). Mo=6.6*10**17 Nm (PPT).
	04	10	54	04.0	28.564	N	35.008	E	10	G		1.4	7	WESTERN ARABIAN PENINSULA
	04	11	06	03.9?	10.54	S	109.05	E	33	N	4.4	1.5	6	SOUTH OF JAWA, INDONESIA
	04	11	27	14.1	43.147	N	0.511	W	5	G		1.1	11	PYRENEES. ML 3.0 (LDG). mbLg 2.7 (MDD).
	04	11	53	27.8	13.048	S	166.747	E	135	*	5.1	1.0	56	VANUATU ISLANDS
	04	12	44	03.1*	40.920	N	20.885	E	10	G		0.8	5	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH).
	04	12	45	28.8*	68.889	N	29.808	E	10	G		1.3	5	FINLAND-RUSSIA BORDER REGION. ML 2.2 (NAO).
	04	13	14	31.8?	31.06	S	69.86	W	130	G		0.8	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).
	04	13	39	40.6%	44.278	N	7.410	E	10	G		0.3	8	NORTHERN ITALY. ML 1.9 (GEN).
	04	14	00	36.3?	8.69	S	118.51	E	107	?	4.2	1.2	8	SUMBAWA REGION, INDONESIA
	04	14	17	56.9?	42.40	N	18.56	E	5	G		0.0	4	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	04	14	18	27.6%	42.394	N	18.544	E	5	G		0.1	5	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	04	14	27	08.9*	5.342	S	146.014	E	33	N	3.7	0.9	7	EASTERN NEW GUINEA REG., P.N.G.
	04	14	45	09.9	35.527	N	0.291	W	8		3.2	1.0	21	NORTHERN ALGERIA. mbLg 3.7 (MDD).
	04	15	01	18.0%	39.641	N	29.511	E	10	G		0.7	6	TURKEY. ML 2.8 (ISK).
	04	15	06	56.1&	59.779	N	151.005	W	37				32	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	16	09	44.7*	48.013	N	146.235	E	99	*	4.5	0.9	37	SEA OF OKHOTSK
	04	16	16	56.3%	39.327	N	29.231	E	10	G		0.7	7	TURKEY. ML 3.0 (ISK).
	04	17	49	27.9?	32.49	N	140.15	E	99	*	4.9	1.1	12	SOUTH OF HONSHU, JAPAN
	04	17	54	46.6	43.431	N	5.454	E	5	G		0.6	15	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR). Mining induced.
	04	19	09	03.2?	38.82	N	30.08	E	10	G		0.9	5	TURKEY. ML 3.0 (ISK).
	04	19	29	01.6?	17.83	S	178.00	W	542	*	4.7	0.7	13	FIJI ISLANDS REGION
	04	19	48	38.6&	37.311	N	121.678	W	8				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.0 (GS).
	04	21	00	58.5%	38.221	N	28.918	E	5	G		0.4	8	TURKEY. ML 3.2 (ISK).
	04	21	18	26.2	36.561	N	29.995	E	10	G	4.3	0.9	60	TURKEY. ML 4.0 (ISK).
	04	21	36	17.5?	36.67	N	29.92	E	10	G		1.2	5	TURKEY. ML 3.2 (ISK).
	04	22	41	51.8%	39.253	N	29.222	E	10	G		0.5	6	TURKEY. ML 3.0 (ISK).
	04	22	43	07.3&	60.439	N	147.741	W	14				60	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
	04	23	00	57.9&	38.794	N	119.670	W	1				30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	04	23	01	17.2?	34.60	S	71.07	W	70	G		0.6	10	NEAR COAST OF CENTRAL CHILE
	04	23	01	46.1*	42.863	N	17.648	E	10	G		1.5	8	ADRIATIC SEA. ML 2.7 (TTG).
	04	23	29	36.9&	60.083	N	152.981	W	105				22	SOUTHERN ALASKA. <AEIC>.
	04	23	48	25.6&	33.942	N	116.328	W	4				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	04	23	48	30.7%	42.271	N	19.578	E	10	G		0.4	7	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	05	00	02	19.2%	17.333	N	94.301	W	33	N		1.0	8	CHIAPAS, MEXICO
	05	00	23	18.6&	62.273	N	151.395	W	91				46	CENTRAL ALASKA. <AEIC>.
	05	00	30	47.2%	38.053	N	28.754	E	10	G		0.7	10	TURKEY. ML 3.3 (ISK).
	05	01	08	48.7%	38.011	N	28.795	E	10	G		1.1	7	TURKEY. ML 3.1 (ISK).
	05	01	27	33.3%	42.373	N	18.453	E	10	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
a	05	02	16	03.3	57.193	S	157.858	E	25	G	6.1 6.1	1.2	202	MACQUARIE ISLANDS REGION. Mw 6.5 (GS), 6.3 (HRV). Mo=4.9*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	05	02	27	29.2%	38.081	N	28.858	E	5	G		0.5	5	TURKEY. ML 3.1 (ISK).
	05	02	55	57.2?	43.58	N	20.03	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	05	03	12	04.1*	7.942	N	125.553	E	52	*	4.8	1.4	16	MINDANAO, PHILIPPINE ISLANDS
	05	03	15	18.0	39.688	N	20.374	E	10	G		1.2	16	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE).
	05	03	16	46.9?	40.79	N	30.57	E	10	G		0.3	5	TURKEY. ML 2.6 (ISK).
	05	03	56	09.9	43.160	N	17.831	E	10	G		1.2	20	NORTHWESTERN BALKAN REGION. MD 4.1 (TRI).
	05	04	12	44.5?	42.86	N	128.68	W	10	G		0.4	41	OFF COAST OF OREGON
	05	04	22	16.0	31.660	N	116.223	W	5	G		0.5	34	BAJA CALIFORNIA, MEXICO. ML 3.2 (GS).
	05	04	57	30.5	7.448	S	75.691	W	134	D	4.6	0.9	49	NORTHERN PERU
	05	05	55	51.1?	61.86	N	2.05	E	10	G		1.1	9	NORWEGIAN SEA. MD 2.8 (BER).
	05	07	05	33.3&	63.703	N	150.680	W	3				29	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	05	08	50	43.4%	45.016	N	6.989	E	10	G		0.3	5	FRANCE. ML 2.0 (GEN).
	05	09	12	29.5*	62.453	N	124.259	W	10	G		0.5	5	NORTHWEST TERRITORIES, CANADA
	05	09	28	20.1&	44.732	N	112.413	W	4				18	EASTERN IDAHO. <BUT>. ML 3.4 (BUT), 3.0 (GS).
	05	09	53	33.2*	43.080	N	147.468	E	75	?	4.5	1.1	19	KURIL ISLANDS
a	05	10	52	15.1	10.721	N	141.311	E	31	D	5.5 5.1	1.1	144	WESTERN CAROLINE ISLANDS. Mw 5.6 (HRV). Ms 5.1 (BRK).
	05	11	12	47.3	40.746	N	27.484	E	10	G		0.7	18	TURKEY. ML 3.6 (ISK). MD 3.5 (ATH).
a	05	12	05	28.5	9.386	S	71.335	W	597	D	5.7	0.9	413	PERU-BRAZIL BORDER REGION. Mw 5.6 (HRV). mb 5.8 (BRK).
	05	12	06	38.5%	32.892	S	70.432	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	05	12	34	52.3%	32.755	S	70.865	W	70	G		0.1	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	05	12	35	40.0?	39.65	N	29.39	E	10	G		1.0	4	TURKEY
	05	14	25	08.9*	57.020	S	157.513	E	10	G	4.3	0.3	6	MACQUARIE ISLANDS REGION
	05	14	40	19.2&	63.258	N	150.633	W	12				56	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
	05	14	57	13.2*	6.670	S	131.667	E	33	N	4.0	1.2	10	TANIMBAR ISLANDS REG., INDONESIA
	05	15	01	06.5*	28.880	N	140.690	E	105	?	4.7	0.9	25	BONIN ISLANDS REGION
	05	17	05	48.0	38.054	N	113.391	W	5	G		0.8	10	UTAH. ML 3.2 (GS).

	05	17	29	03.6	41.084	N	23.395	E	5	G			0.8	14	GREECE-BULGARIA BORDER REGION. ML 3.2 (SKO). MD 3.8 (ATH).
	05	17	43	15.2?	7.06	S	129.06	E	140	?	4.0		0.3	5	BANDA SEA
	05	18	51	15.8	41.075	N	23.290	E	5	G			0.9	15	GREECE-BULGARIA BORDER REGION. ML 3.0 (THE).
	05	19	50	31.5	38.205	N	28.803	E	10	G	4.1		1.2	46	TURKEY. ML 3.9 (ISK). MD 4.0 (ATH). Felt in the Alasehir-Sarigol area.
	05	19	54	11.4	38.170	N	28.729	E	5	G	3.1		0.4	13	TURKEY. ML 3.4 (ISK).
	05	22	14	03.1?	52.27	N	1.19	E	5	G			0.4	13	UNITED KINGDOM. ML 3.0 (LDG).
	05	23	15	04.9*	7.115	S	131.827	E	62	?	4.5		1.5	10	TANIMBAR ISLANDS REG., INDONESIA
	06	00	18	44.1?	8.47	S	123.95	E	147	?	3.6		0.7	8	FLORES REGION, INDONESIA
	06	00	36	30.5*	44.679	N	18.802	E	10	G			1.4	11	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	06	01	05	05.4	39.399	N	27.802	E	10	G			0.7	8	TURKEY. ML 3.0 (ISK).
	06	01	09	05.4	6.753	N	73.022	W	174		4.8		0.9	51	NORTHERN COLOMBIA
	06	01	46	09.9?	27.98	N	34.24	E	10	G			0.6	5	RED SEA. MD 3.5 (RYD).
	06	01	54	56.2%	38.260	N	28.814	E	5	G			0.2	8	TURKEY. ML 3.2 (ISK).
	06	02	12	38.7*	39.075	N	23.524	E	10	G			1.4	8	AEGEAN SEA. ML 3.5 (ATH).
	06	02	13	39.0?	13.92	N	144.54	E	194		4.5		0.1	7	MARIANA ISLANDS
	06	03	48	51.1	31.790	N	116.302	W	5	G			0.5	23	BAJA CALIFORNIA, MEXICO. ML 2.8 (GS).
	06	04	04	34.9	43.676	N	127.583	W	10	G	4.2		0.8	110	OFF COAST OF OREGON
	06	04	13	29.4?	47.27	N	11.57	E	10	G			0.1	4	AUSTRIA. ML 0.8 (VIE).
	06	04	31	34.8&	59.530	N	153.041	W	100					63	SOUTHERN ALASKA. <AEIC>.
	06	04	41	12.9%	47.103	N	7.919	E	10	G			1.5	10	SWITZERLAND. ML 2.3 (LDG).
	06	09	22	35.5*	8.354	S	115.733	E	33	N	3.7		0.9	6	BALI REGION, INDONESIA. Felt (II) at Karangasem.
a	06	11	52	54.5	7.273	N	126.980	E	42	D	5.3	5.0	1.2	99	MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
	06	12	50	38.9	35.985	N	89.085	W	10	G			0.6	11	TENNESSEE. mbLg 2.7 (GS). MD 3.1 (TVA).
	06	14	08	47.9	43.411	N	14.513	E	10	G			1.0	30	ADRIATIC SEA. MD 3.5 (TRI).
	06	14	47	55.9&	59.611	N	151.553	W	53					41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	06	14	54	34.2?	36.51	N	3.01	W	10	G			0.1	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	06	15	09	14.5?	7.68	S	129.16	E	114	?	4.3		1.2	7	BANDA SEA
	06	15	39	49.9&	38.782	N	119.703	W	0	G				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.4 (GS).
a	06	15	57	34.7*	21.088	S	169.906	E	102	?	5.3		1.0	21	LOYALTY ISLANDS REGION. Mw 5.2 (HRV).
	06	18	38	35.8&	58.723	N	157.340	W	6		3.9			65	ALASKA PENINSULA. <AEIC>. ML 4.4 (AEIC), 4.4 (PMR). Felt (III) at Dillingham. Also felt at King Salmon and Naknek.
	06	20	11	03.9?	41.32	S	90.27	W	10	G	4.9	5.1	1.3	22	SOUTHERN PACIFIC OCEAN. Ms 5.0 (BRK).
	06	20	26	43.4	40.772	N	27.512	E	10	G			0.6	9	TURKEY. ML 3.1 (ISK). MD 3.1 (ATH).
	06	21	33	07.6%	44.496	N	7.298	E	10	G			0.4	5	NORTHERN ITALY. ML 2.4 (GEN).
	07	03	02	52.2?	5.37	S	149.57	E	153	*	5.0		0.5	9	NEW BRITAIN REGION, P.N.G.
	07	05	17	39.5	6.985	S	80.629	W	24	D	5.0		0.9	62	NEAR COAST OF NORTHERN PERU. Felt (II) at Chiclayo. Also felt at Ferrenafe and Lambayeque.
	07	06	41	18.5?	9.37	S	113.16	E	10	G	4.1		1.4	6	SOUTH OF JAWA, INDONESIA
	07	06	49	32.9&	58.985	N	151.967	W	64					36	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	07	07	02	11.4	38.669	N	26.354	E	5	G			0.7	13	AEGEAN SEA. ML 3.8 (ATH), 3.6 (ISK).
	07	07	37	02.5*	18.878	N	67.595	W	5	G			0.9	11	MONA PASSAGE. MD 3.8 (MPR).
	07	07	45	18.1&	60.141	N	153.236	W	135					41	SOUTHERN ALASKA. <AEIC>.
	07	07	51	51.0%	18.224	N	66.967	W	10	G			0.7	11	PUERTO RICO REGION. MD 3.1 (MPR).
	07	08	32	38.0%	39.133	N	27.680	E	10	G			0.3	6	TURKEY. ML 2.8 (ISK).
	07	08	34	25.3%	39.663	N	29.493	E	10	G			0.5	6	TURKEY. ML 2.8 (ISK).
	07	09	25	18.4%	38.186	N	28.884	E	10	G			0.5	5	TURKEY
	07	09	39	58.2&	63.514	N	151.080	W	12		4.6			89	CENTRAL ALASKA. <AEIC>. ML 4.4 (AEIC), 4.4 (PMR).
	07	10	25	13.2?	54.99	N	156.93	W	33	N	3.8		1.8	8	SOUTH OF ALASKA
	07	10	40	32.8	39.960	N	24.492	E	10				1.3	19	AEGEAN SEA. ML 3.5 (ATH).
	07	10	53	41.0*	20.173	S	67.703	W	192	*	4.6		0.7	17	SOUTHERN BOLIVIA
	07	10	54	08.3&	34.597	N	116.632	W	4					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
a	07	10	59	22.4	10.215	N	93.774	E	33	N	5.0	4.4	1.0	32	ANDAMAN ISLANDS, INDIA. Mw 5.1 (HRV).
	07	11	45	23.2&	57.790	N	152.359	W	53					36	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	07	12	22	26.4%	36.188	N	28.450	E	33	N			0.9	8	DODECANESE ISLANDS. MD 3.8 (ATH).
	07	12	59	47.3?	29.31	N	34.94	E	10	G			0.8	6	EGYPT
a	07	13	03	42.1	43.770	N	147.278	E	56	D	5.1		0.8	140	KURIL ISLANDS. Mw 5.1 (HRV).
	07	13	07	51.3&	63.499	N	151.102	W	10					32	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	07	13	43	35.5?	10.10	S	124.82	E	33	N	4.6		1.4	5	TIMOR REGION, INDONESIA
	07	13	45	30.2?	44.79	N	10.79	E	10	G			0.5	5	NORTHERN ITALY. ML 2.7 (LDG).
	07	13	50	58.1?	21.13	S	177.88	W	500	G	4.2		0.7	7	FIJI ISLANDS REGION
	07	14	30	17.1?	41.88	N	20.07	E	10	G			0.8	8	ALBANIA. ML 2.1 (TTG).
	07	14	57	31.9	47.591	N	147.059	E	421		4.6		0.9	65	NORTHWEST OF KURIL ISLANDS
	07	15	02	41.8	43.543	N	127.458	W	10	G			0.6	87	OFF COAST OF OREGON
	07	15	13	07.9*	43.267	N	128.112	W	10	G			0.4	52	OFF COAST OF OREGON
	07	16	21	41.0*	4.446	S	151.979	E	172	*	4.7		1.4	18	NEW BRITAIN REGION, P.N.G.
	07	16	27	16.2?	44.50	N	3.18	E	10	G			1.2	9	FRANCE. ML 2.8 (LDG), 2.2 (STR).
	07	18	00	25.6&	63.266	N	151.365	W	9					34	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	07	18	04	42.6&	34.339	N	116.823	W	7					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	07	18	05	14.3?	35.37	S	71.50	W	100	G			0.4	10	CENTRAL CHILE. MD 3.8 (SAN).
	07	18	32	20.6&	33.701	N	116.764	W	15					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS). Felt (IV) at Nuevo; (III) at Hemet, Indio and Rancho Mirage. Also felt at Desert Hot Springs and Palm Springs.
	07	19	11	20.5	52.576	N	172.170	E	33	N	4.6	4.2	0.8	65	NEAR ISLANDS, ALEUTIAN ISLANDS
	07	19	49	25.2?	48.71	S	107.10	E	10	G	4.7		1.2	8	SOUTHEAST INDIAN RIDGE
	07	20	01	00.4?	48.83	S	107.49	E	10	G	4.9	5.1	1.1	8	SOUTHEAST INDIAN RIDGE
	07	20	47	56.1	34.883	N	26.399	E	79	*	4.2		1.3	33	CRETE. MD 4.0 (ATH).
	07	21	10	22.8	52.140	N	169.148	W	33	N	4.9	4.2	0.9	82	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
	07	21	15	32.7%	33.148	S	70.295	W	5	G			0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	07	22	09	38.3&	61.928	N	149.226	W	38		4.2			103	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 4.2 (PMR). Felt (III) at Fort Richardson and (II) at Palmer.
	07	22	28	07.7&	59.871	N	152.588	W	86					49	SOUTHERN ALASKA. <AEIC>.
	07	22	40	53.4*	23.715	N	100.343	E	33	N	4.0		0.7	7	YUNNAN, CHINA
	07	23	05	53.0%	18.215	N	66.930	W	33	N			1.2	10	PUERTO RICO REGION. MD 2.8 (MPR).
	07	23	38	10.1	46.605	N	8.358	E	5	G			0.9	11	SWITZERLAND. ML 2.1 (LDG).
	08	00	17	33.8	37.000	N	2.332	W	10	G			0.8	30	SPAIN. mbLg 4.0 (MDD). MD 3.5 (SFS). Felt (IV) in the Almeria area.
	08	00	42	43.8&	60.086	N	152.710	W	102					40	SOUTHERN ALASKA. <AEIC>.
	08	00	55	17.1%	36.852	N	2.372	W	10	G			0.5	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).

	08	01	43	19.2	7.306	N	127.322	E	43	*	4.7	0.9	21	PHILIPPINE ISLANDS REGION
	08	03	28	48.3	50.374	N	4.317	E	10	G		0.5	13	BELGIUM. ML 2.8 (LDG).
	08	03	29	22.3&	59.857	N	153.216	W	114				46	SOUTHERN ALASKA. <AEIC>.
	08	03	45	41.8?	38.11	N	28.90	E	5	G		0.3	4	TURKEY. ML 3.0 (ISK).
	08	03	55	25.8*	40.682	N	22.727	E	5	G		1.0	5	GREECE. MD 3.0 (ATH).
	08	04	30	10.1*	37.707	N	19.698	E	5	G	3.9	1.0	16	IONIAN SEA. ML 3.9 (ATH).
	08	05	04	45.3&	58.642	N	137.682	W	10	G			5	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.8 (PGC).
	08	05	31	22.4	43.271	N	86.960	E	33	N	5.0	1.0	76	NORTHERN XINJIANG, CHINA
	08	07	04	27.3&	61.665	N	150.830	W	3				46	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	07	06	33.2*	44.334	N	146.726	E	33	N	4.4	0.6	12	KURIL ISLANDS
	08	07	10	48.6	22.703	S	68.321	W	115	D	4.8	1.0	30	NORTHERN CHILE
	08	07	13	09.7&	34.379	N	116.457	W	5				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	08	07	13	36.8&	34.381	N	116.455	W	4				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	08	07	32	24.3?	40.73	N	30.41	E	10	G		0.9	6	TURKEY. ML 2.8 (ISK).
	08	08	11	46.8	40.873	N	20.835	E	10	G		1.3	38	GREECE-ALBANIA BORDER REGION. ML 4.1 (TTG), 3.9 (TIR), 3.6 (SKO). MD 3.9 (ATH). Felt (IV) in the Resen-Lake Prespa area, former Yugoslav Republic of Macedonia.
	08	08	18	16.6?	39.12	N	27.67	E	5	G		0.2	4	TURKEY. ML 2.7 (ISK).
	08	08	42	20.1	40.611	N	26.210	E	10	G		1.2	6	TURKEY. ML 3.0 (ISK).
	08	08	45	19.1*	40.868	N	20.933	E	10	G		0.6	5	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	08	09	02	49.5&	58.663	N	137.627	W	10	G			5	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.1 (PGC).
	08	09	22	06.5	33.707	N	139.269	E	39	D	4.7	1.0	40	SOUTH OF HONSHU, JAPAN
	08	09	23	36.9*	38.119	N	25.409	E	10	G		1.0	10	AEGEAN SEA. MD 3.5 (ATH). ML 3.6 (ISK).
	08	09	39	11.5	41.107	N	21.292	E	5	G		1.0	14	NORTHWESTERN BALKAN REGION. ML 3.0 (SKO), 3.0 (TIR). Felt (V) at Bitola and (IV) in the Krusevo area.
	08	10	11	08.7&	56.879	N	154.986	W	52		3.7		75	KODIAK ISLAND REGION. <AEIC>. ML 4.0 (AEIC), 4.2 (PMR).
	08	10	14	01.5?	39.60	N	29.50	E	10	G		1.2	5	TURKEY. ML 2.8 (ISK).
	08	10	49	26.3*	43.288	N	147.709	E	33	N	3.5	1.2	8	KURIL ISLANDS
	08	11	07	45.7*	32.558	S	71.459	W	10	G		0.7	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	08	11	20	32.1?	43.12	N	146.14	E	10	G	3.4	1.4	6	KURIL ISLANDS
	08	12	16	53.6?	39.14	N	27.61	E	10	G		0.2	4	TURKEY. ML 2.8 (ISK).
	08	12	37	22.2	46.663	N	12.032	E	10	G		0.4	5	NORTHERN ITALY. ML 1.7 (VIE).
	08	12	42	43.2&	38.803	N	119.675	W	8				60	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK), 3.3 (GS). MD 3.4 (GM).
	08	13	00	44.7%	39.713	N	29.417	E	10	G		0.7	8	TURKEY. ML 2.8 (ISK).
	08	13	12	33.4%	39.231	N	27.719	E	10	G		0.9	5	TURKEY. ML 2.8 (ISK).
	08	13	27	19.9&	62.480	N	148.093	W	47				86	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	08	13	34	49.6&	60.099	N	152.475	W	100				37	SOUTHERN ALASKA. <AEIC>.
	08	14	06	57.1	41.780	N	15.503	E	10	G		0.7	15	SOUTHERN ITALY. ML 3.2 (TTG).
	08	14	48	07.4?	34.31	N	135.74	E	80	*	4.2	0.3	7	NEAR S. COAST OF WESTERN HONSHU
	08	15	00	52.8?	39.78	N	29.47	E	10	G		0.3	4	TURKEY. ML 2.6 (ISK).
	08	15	20	55.7?	41.18	N	21.99	E	10	G		0.4	4	NORTHWESTERN BALKAN REGION. ML 1.4 (SKO).
	08	16	30	16.2	40.799	N	20.896	E	5	G		1.2	25	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 3.2 (TTG), 3.1 (THE), 2.9 (TIR).
	08	16	58	08.6	34.895	N	26.501	E	10	G		1.4	18	CRETE. MD 3.9 (ATH).
	08	17	37	24.5%	34.150	S	70.436	W	10	G		0.5	5	CHILE-ARGENTINA BORDER REGION
	08	17	42	58.9	43.905	N	147.708	E	51		4.9 4.1	0.9	75	KURIL ISLANDS
a	08	17	48	45.0	11.940	N	144.239	E	35	*	5.0 4.5	1.0	43	SOUTH OF MARIANA ISLANDS. Mw 5.3 (HRV). Felt (III) at Tumon, Guam.
	08	18	03	34.3*	14.433	N	60.067	W	33	N		0.3	9	WINDWARD ISLANDS. MD 3.2 (TRN). ML 2.6 (FDF).
	08	18	47	34.8*	34.576	N	139.191	E	10	G	4.1	1.5	12	NEAR S. COAST OF HONSHU, JAPAN
	08	18	50	12.1&	38.766	N	122.731	W	0				30	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	08	18	55	26.8%	33.131	S	70.247	W	10	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	08	19	11	14.9%	45.622	N	3.615	E	10	G		1.3	10	FRANCE. ML 2.3 (LDG).
	08	20	07	02.5%	44.242	N	7.386	E	10	G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	08	20	22	16.8?	15.42	S	177.79	W	500	?	4.0	1.0	11	FIJI ISLANDS REGION
	08	20	29	51.6?	44.74	N	151.02	E	33	N	4.1	0.9	7	EAST OF KURIL ISLANDS
	08	20	59	00.6?	40.83	N	30.34	E	10	G		0.9	5	TURKEY. ML 2.7 (ISK).
	08	22	04	18.8&	38.801	N	119.667	W	4				30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	08	22	13	57.5*	31.057	S	68.136	W	240	G		0.7	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	08	22	46	56.4%	37.042	N	29.467	E	10	G		0.9	5	TURKEY. ML 3.0 (ISK).
	08	23	10	53.1	40.561	N	26.038	E	10	G		0.5	11	TURKEY. ML 3.0 (ISK). MD 3.1 (ATH).
	08	23	13	50.9?	40.44	N	26.25	E	10	G		1.0	5	TURKEY. ML 2.8 (ISK).
	08	23	18	48.4?	39.34	N	29.13	E	5	G		0.1	4	TURKEY. ML 2.7 (ISK).
	08	23	29	35.3	39.691	N	26.327	E	10	G		0.9	9	TURKEY. ML 3.1 (ISK). MD 3.0 (ATH).
	08	23	45	10.5	45.019	N	9.081	E	19			0.9	24	NORTHERN ITALY. ML 2.8 (GEN), 2.6 (LDG).
	09	02	29	04.3&	33.680	N	116.797	W	17				44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS). Felt (III) at Hemet and White Water; (II) at Sun City. Also felt at Idyllwild.
	09	02	30	27.4%	17.081	N	99.878	W	33	N		1.1	7	GUERRERO, MEXICO
	09	03	21	11.1	43.388	N	147.024	E	50	D	4.5	1.1	23	KURIL ISLANDS
	09	03	21	31.2%	12.126	N	60.090	W	33	N		0.9	9	WINDWARD ISLANDS. MD 3.8 (TRN).
	09	03	48	36.8?	11.04	N	61.86	W	33	N		0.7	5	WINDWARD ISLANDS. MD 3.1 (TRN).
a	09	03	56	57.1	7.428	N	71.927	W	9	D	5.2 4.9	1.1	210	VENEZUELA. Mw 5.4 (HRV). Felt at Merida and Santo Domingo. Also felt in parts of northeastern Colombia.
	09	05	02	45.3*	7.871	S	77.925	W	33	N	4.5	1.3	13	NORTHERN PERU. Felt (IV) at Chiclayo and (III) at Trujillo. Also felt at Chimbote.
	09	05	09	15.1	36.931	N	28.999	E	21		4.3	1.1	70	DODECANESE ISLANDS. ML 4.2 (ISK). MD 4.4 (ATH).
	09	05	13	12.4	36.941	N	28.852	E	5	G		0.7	10	DODECANESE ISLANDS. ML 3.6 (ISK). MD 3.9 (ATH).
	09	05	27	29.3?	17.90	N	66.79	W	5	G		0.3	5	PUERTO RICO REGION. MD 2.2 (MPR).
	09	07	35	08.7&	62.477	N	151.243	W	92				74	CENTRAL ALASKA. <AEIC>.
	09	07	36	04.9*	16.754	S	167.501	E	33	N	3.9	0.7	8	VANUATU ISLANDS
	09	07	51	38.4?	38.67	N	27.48	E	10	G		1.2	4	TURKEY. ML 2.9 (ISK).
	09	08	07	42.7?	40.93	N	22.98	E	10	G		0.9	5	GREECE. ML 2.4 (SKO).
	09	08	23	58.5&	33.701	N	116.762	W	14				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	09	08	36	30.9?	17.07	N	101.30	W	33	N		1.5	5	NEAR COAST OF GUERRERO, MEXICO
	09	09	19	34.7&	61.779	N	151.587	W	81				39	SOUTHERN ALASKA. <AEIC>.
	09	09	30	27.7*	43.750	N	7.389	E	10	G		0.6	6	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	09	09	58	10.6%	36.842	N	28.797	E	10	G		0.4	5	DODECANESE ISLANDS. ML 3.2 (ISK).
	09	10	16	04.5?	39.69	N	29.49	E	10	G		0.7	4	TURKEY. ML 2.7 (ISK).
	09	11	05	57.7*	43.323	N	17.519	E	10	G		1.3	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	09	11	26	52.7?	34.98	N	135.10	E	10	G		0.3	6	NEAR S. COAST OF WESTERN HONSHU

	09	11	45	55.1	40.423	N	20.691	E	10	G			0.7	16	GREECE-ALBANIA BORDER REGION. ML 3.0 (TTG). MD 3.1 (ATH).
	09	12	33	36.1%	39.662	N	29.449	E	10	G			1.3	6	TURKEY. ML 2.8 (ISK).
	09	12	54	26.2?	46.35	N	14.06	E	5	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU).
	09	13	14	40.7	36.654	N	115.777	W	5	G			0.8	9	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
	09	14	37	01.1	41.125	N	21.249	E	10	G			0.8	13	NORTHWESTERN BALKAN REGION. MD 3.3 (ATH). ML 3.1 (SKO). Felt (VI) at Bitola and (IV) in the Krusevo-Ohrid-Prilep area.
	09	14	40	50.1*	18.116	S	178.529	W	621	*	4.5		1.1	35	FIJI ISLANDS REGION
	09	14	41	23.0*	23.199	S	178.787	E	685	*	5.1		1.3	75	SOUTH OF FIJI ISLANDS
	09	14	41	41.9	18.051	S	178.422	W	590		4.9		1.0	143	FIJI ISLANDS REGION
	09	15	19	39.8%	45.000	N	7.091	E	10	G			0.4	5	NORTHERN ITALY. ML 1.9 (GEN).
	09	15	29	24.3%	60.688	N	5.568	E	5	G			0.6	8	SOUTHERN NORWAY. MD 1.4 (BER).
	09	16	44	28.0&	60.305	N	151.749	W	53					90	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.6 (AEIC), 3.8 (PMR).
	09	17	22	40.4?	44.81	N	7.18	E	10	G			0.6	4	NORTHERN ITALY. ML 1.8 (GEN).
	09	17	30	35.4*	13.180	N	91.978	W	33	N	4.3		1.0	18	NEAR COAST OF GUATEMALA. MD 4.6 (GCG).
	09	17	44	28.0%	44.797	N	7.222	E	10	G			0.4	7	NORTHERN ITALY. ML 2.2 (GEN).
	09	17	47	07.1?	44.80	N	7.20	E	10	G			0.2	4	NORTHERN ITALY. ML 1.9 (GEN).
	09	17	47	12.7*	39.354	N	26.128	E	10	G			0.7	8	TURKEY. ML 3.1 (ISK). MD 3.3 (ATH).
	09	17	51	02.9?	44.79	N	7.20	E	10	G			0.2	4	NORTHERN ITALY. ML 1.8 (GEN).
	09	18	20	11.6?	20.28	S	177.57	W	648	?	4.8		0.7	11	FIJI ISLANDS REGION
a	09	18	21	02.6	43.556	N	147.144	E	54	G	6.2	5.2	0.8	609	KURIL ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Mo=7.9*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	09	18	21	08.8*	36.330	N	45.361	E	38	*	4.2		0.7	17	IRAN-IRAQ BORDER REGION
	09	20	22	18.0	2.595	N	128.494	E	223	*	5.0		0.7	33	HALMAHERA, INDONESIA
	09	20	30	11.0	38.811	N	23.539	E	33	N			0.6	9	GREECE. MD 3.2 (ATH).
	09	21	03	23.4?	20.46	S	174.22	W	135	?	4.6		0.8	10	TONGA ISLANDS
	09	21	06	50.2%	17.951	N	100.920	W	33	N			1.1	6	GUERRERO, MEXICO
	09	21	42	16.3*	71.934	N	1.933	W	10	G	4.3		1.1	20	JAN MAYEN ISLAND REGION
	09	21	42	29.7&	36.077	N	117.857	W	2					5	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS).
	09	21	49	47.9?	9.47	S	113.17	E	33	N	4.8		1.4	7	SOUTH OF JAWA, INDONESIA
	09	23	01	28.9?	51.08	N	15.75	E	10	G			0.7	5	POLAND
	09	23	19	08.9*	52.774	N	116.215	W	10	G			1.0	5	ALBERTA, CANADA. ML 2.9 (PGC).
	09	23	31	40.9	52.671	N	116.194	W	10	G			1.3	11	ALBERTA, CANADA. ML 3.5 (PGC).
	10	00	25	24.8*	43.123	N	146.827	E	68	*	4.7		1.1	25	KURIL ISLANDS
	10	00	49	19.7	37.109	N	28.928	E	10	G			0.7	14	TURKEY. ML 3.7 (ISK). MD 4.1 (ATH).
	10	01	03	01.0*	48.180	N	16.277	E	10	G			0.8	6	AUSTRIA. ML 3.1 (GRF).
	10	01	28	03.7*	44.070	N	148.042	E	54	*	4.6		1.1	33	KURIL ISLANDS
	10	01	49	12.4&	39.722	N	124.017	W	5					26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
	10	02	46	57.9?	37.00	N	28.87	E	10	G			0.4	4	TURKEY. ML 3.0 (ISK).
a	10	03	03	23.1	5.719	S	154.186	E	33	D	5.4		0.8	66	SOLOMON ISLANDS. Mw 5.5 (HRV).
	10	03	30	08.9	2.981	N	128.073	E	89	D	5.0		0.9	68	HALMAHERA, INDONESIA
	10	03	52	33.8	40.835	N	20.705	E	5	G			1.5	15	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 3.1 (TIR), 3.0 (THE), 2.7 (SKO).
	10	04	28	12.7*	19.011	N	145.577	E	252	*	4.7		0.3	11	MARIANA ISLANDS
	10	05	26	53.7?	7.05	S	129.38	E	131	?	3.6		0.2	5	BANDA SEA
a	10	06	02	13.0	7.236	S	129.272	E	96	D	5.2		1.2	49	BANDA SEA. Mw 5.2 (HRV).
	10	06	44	18.3?	10.98	N	62.07	W	60	G			0.1	4	NEAR COAST OF VENEZUELA. MD 2.9 (TRN).
a	10	07	07	44.3	22.356	N	118.800	E	33	N	5.0	4.5	1.0	55	TAIWAN REGION. Mw 5.1 (HRV).
	10	08	45	57.0?	81.07	N	4.94	W	10	G			0.9	15	NORTH OF SVALBARD
	10	09	54	28.8%	28.391	N	34.466	E	10	G			1.4	5	EGYPT. MD 3.1 (RYD).
a	10	10	48	23.5	7.761	S	158.354	E	33	D	5.2	4.8	0.8	108	SOLOMON ISLANDS. Mw 5.3 (HRV).
	10	10	56	02.5*	1.219	S	67.461	E	10	G	5.1	4.8	0.9	17	CARLSBERG RIDGE
	10	11	05	28.2*	44.411	N	146.729	E	33	N	4.2	3.9	1.3	18	KURIL ISLANDS
	10	11	41	11.1?	32.22	S	71.70	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	10	11	45	13.5%	32.790	S	70.799	W	70	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	10	11	59	45.9*	51.193	N	178.834	E	33	N	4.3		1.3	15	RAT ISLANDS, ALEUTIAN ISLANDS
	10	12	09	14.6	36.747	N	3.812	W	10	G			0.2	5	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	10	13	35	37.6*	4.283	S	143.281	E	92	?	4.0		1.2	6	NEW GUINEA, PAPUA NEW GUINEA
	10	14	11	09.0%	39.093	N	27.508	E	10	G			1.0	5	TURKEY. ML 2.7 (ISK).
	10	14	52	36.5%	40.200	N	29.209	E	10	G			0.2	5	TURKEY. ML 2.6 (ISK).
	10	15	10	53.3%	39.151	N	27.602	E	10	G			0.2	5	TURKEY. ML 2.8 (ISK).
	10	15	47	35.5	2.730	N	126.729	E	33	N	5.1	4.2	1.2	35	NORTHERN MOLUCCA SEA
	10	16	35	56.8	35.721	N	142.256	E	25		4.9	4.8	1.0	84	OFF EAST COAST OF HONSHU, JAPAN
	10	18	12	05.2?	36.58	N	2.82	W	10	G			0.9	5	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	10	21	03	15.6*	19.309	N	95.268	W	33	N			0.9	5	VERACRUZ, MEXICO
	10	21	30	03.7*	42.927	N	148.036	E	33	N	4.6		0.5	17	OFF COAST OF HOKKAIDO, JAPAN
	10	22	31	05.3&	60.060	N	152.891	W	98		3.9			125	SOUTHERN ALASKA. <AEIC>. Felt (V) at Anchor Point and (III) at Homer. Also felt at Pedro Bay.
	10	22	31	55.6	40.272	N	29.508	E	10	G			0.7	8	TURKEY. ML 2.8 (ISK).
	10	22	45	14.9*	31.632	S	69.356	W	140	G			0.5	12	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	10	23	18	24.2&	59.819	N	152.314	W	91					60	SOUTHERN ALASKA. <AEIC>.
	10	23	19	42.8	44.321	N	6.467	E	10	G			0.4	16	FRANCE. ML 2.4 (GEN), 2.1 (LDG).
	11	01	46	15.8*	36.289	N	71.938	E	141	?	4.8		0.8	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	11	02	18	25.0%	40.248	N	28.866	E	10	G			0.6	7	TURKEY. ML 2.7 (ISK).
	11	02	27	58.8?	21.25	S	178.42	W	550	G	4.5		0.6	6	FIJI ISLANDS REGION
	11	02	51	38.0*	13.205	N	88.004	W	33	N	4.7		1.2	58	EL SALVADOR. MD 4.2 (SSS). Felt (IV) at San Salvador.
	11	03	22	24.6*	52.174	N	175.953	W	146	*	4.5		1.2	19	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	04	19	03.4%	26.376	S	27.600	E	5	G			0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	11	05	11	14.2*	43.405	N	147.563	E	33	N	4.6		1.1	19	KURIL ISLANDS
	11	06	06	30.2*	41.036	N	25.217	E	10	G			1.6	13	GREECE-BULGARIA BORDER REGION
	11	06	20	51.1%	36.915	N	28.849	E	10	G			0.3	6	DODECANESE ISLANDS. ML 3.4 (ISK).
	11	06	37	27.3&	40.398	N	125.250	W	15					26	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	11	07	23	08.3	43.899	N	146.628	E	33	N	4.7		0.9	41	KURIL ISLANDS
a	11	08	48	29.9	15.626	S	72.535	W	121	D	5.6		1.1	282	SOUTHERN PERU. Mw 5.8 (GS), 5.8 (HRV). Felt (IV) at Arequipa, (III) at Ilo and (II) at Ica.
	11	10	44	00.0%	40.382	N	28.305	E	10	G			0.3	11	TURKEY. ML 3.0 (ISK).
	11	10	54	32.9%	44.315	N	7.670	E	5	G			0.4	6	NORTHERN ITALY. ML 1.9 (LDG).
	11	11	43	39.3*	43.226	N	147.625	E	33	N	4.7		1.1	27	KURIL ISLANDS
	11	12	05	56.6?	37.48	N	29.95	E	10	G			0.3	4	TURKEY. ML 3.0 (ISK).
	11	12	09	03.2?	36.61	N	2.79	W	5	G			0.5	6	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	11	12	15	21.0%	37.356	N	2.140	W	10	G			0.6	5	SPAIN. mbLg 2.9 (MDD).

	11	12 19 54.1%	40.547	N	27.500	E	10	G			0.7	9	TURKEY. ML 3.1 (ISK).
	11	12 22 33.6*	43.470	N	147.871	E	33	N	4.2		1.2	18	KURIL ISLANDS
	11	12 36 21.3%	26.829	S	26.790	E	5	G			1.4	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	11	12 43 48.5%	28.022	S	26.822	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	11	13 30 10.2%	26.402	S	27.488	E	5	G			1.4	10	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	11	13 46 26.5?	43.60	N	6.50	E	5	G			0.8	4	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
	11	14 32 50.7	44.441	N	7.267	E	10	G			0.4	23	NORTHERN ITALY. ML 2.7 (GEN), 2.5 (LDG), 2.1 (STR).
	11	14 43 15.6	6.053	N	125.973	E	163		5.0		0.8	48	MINDANAO, PHILIPPINE ISLANDS
	11	14 49 00.2*	48.166	N	7.618	E	10	G			0.4	8	FRANCE. ML 1.9 (LDG), 1.7 (STR).
	11	14 55 23.6	38.149	N	112.714	W	5	G			0.5	10	UTAH. ML 3.0 (GS).
	11	15 27 33.9%	44.386	N	7.372	E	10	G			0.5	9	NORTHERN ITALY. ML 2.1 (GEN).
	11	16 05 48.2%	28.016	S	26.920	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	11	16 08 25.8%	26.333	S	27.497	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	11	16 13 18.8?	36.98	N	29.37	E	10	G			1.1	4	TURKEY. ML 3.1 (ISK).
	11	16 21 18.6&	63.137	N	151.503	W	0					59	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).
	11	17 16 03.6*	27.888	S	26.706	E	5	G			1.2	14	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL). ML 3.5 (PRE).
	11	17 27 06.6&	37.581	N	118.858	W	6					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
	11	18 40 51.8?	26.04	N	110.62	W	10	G	3.8		1.3	11	GULF OF CALIFORNIA
	11	20 30 18.6?	18.25	S	167.74	E	33	N	4.1		1.6	6	VANUATU ISLANDS
	11	21 00 29.9?	47.35	N	11.09	E	10	G			0.2	4	AUSTRIA. ML 1.2 (VIE).
	11	21 30 01.9&	35.122	N	118.948	W	10					57	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	11	21 39 21.3&	48.183	N	114.493	W	9					10	MONTANA. <BUT>. ML 3.2 (BUT). Felt in the Smith Lake area west of Kalispell. Also felt at Kalispell.
	11	22 54 41.5?	34.35	S	69.90	W	150	G			0.7	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	11	23 32 37.4%	28.020	S	26.768	E	5	G			0.8	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	11	23 36 05.7	12.898	N	60.975	W	104	*			0.5	17	WINDWARD ISLANDS. MD 3.7 (TRN). Felt on St. Vincent.
	12	01 06 16.4*	38.469	N	22.078	E	52	*	4.0		1.3	51	GREECE. MD 3.8 (ATH).
	12	01 56 15.3?	45.51	N	6.74	E	5	G			0.3	4	FRANCE. ML 2.3 (LDG).
	12	01 56 17.0*	18.606	S	69.769	W	182	*			0.8	8	NORTHERN CHILE
	12	02 13 02.0&	59.955	N	140.555	W	8					16	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PGC).
	12	03 20 56.2?	8.40	S	121.73	E	33	N	3.7		0.6	5	FLORES REGION, INDONESIA
	12	04 17 20.1	51.633	N	179.889	W	115	*	4.3		0.9	25	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	04 34 11.0?	22.09	S	67.81	W	33	N			1.1	4	CHILE-BOLIVIA BORDER REGION
	12	05 08 14.4?	41.78	N	23.82	E	5	G			0.1	4	GREECE-BULGARIA BORDER REGION
	12	05 23 10.7%	42.092	N	19.592	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	12	05 29 56.2%	33.759	S	70.320	W	110	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	12	06 11 28.9&	59.526	N	147.091	W	15					49	GULF OF ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR).
	12	06 47 24.2?	43.16	N	147.99	E	33	N			1.3	10	KURIL ISLANDS
	12	07 46 33.0?	39.10	N	27.65	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	12	07 56 44.5%	40.822	N	28.148	E	10	G			0.8	9	TURKEY. ML 2.9 (ISK).
	12	08 21 43.2?	44.33	N	7.27	E	5	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	12	09 28 33.4*	28.382	S	67.425	W	163	?			1.1	11	LA RIOJA PROVINCE, ARGENTINA
	12	10 51 11.2	43.286	N	147.361	E	33	N	5.1		0.8	88	KURIL ISLANDS
	12	10 52 04.8?	39.73	N	29.48	E	10	G			1.1	4	TURKEY. ML 2.6 (ISK).
	12	11 23 56.5&	57.834	N	153.734	W	42					72	KODIAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC).
	12	11 24 47.3?	37.92	N	29.24	E	10	G			1.6	4	TURKEY. ML 3.2 (ISK).
	12	11 34 33.0&	59.140	N	150.857	W	15					51	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
	12	11 40 59.2&	60.018	N	153.511	W	137					61	SOUTHERN ALASKA. <AEIC>.
	12	11 48 55.1*	31.633	S	66.593	W	114	?			1.1	14	LA RIOJA PROVINCE, ARGENTINA
	12	11 50 28.5&	34.361	N	116.459	W	2					50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	12	12 18 00.0	6.947	S	29.916	E	22	D	4.9	4.6	0.9	36	LAKE TANGANYIKA REGION. mbLg 4.4 (BUL).
	12	12 42 42.3%	39.692	N	26.369	E	10	G			0.5	7	TURKEY. ML 3.1 (ISK).
	12	12 48 50.8*	30.703	S	68.796	W	100	G			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	12	13 55 24.9*	42.896	N	147.809	E	33	N	4.9		1.7	14	OFF COAST OF HOKKAIDO, JAPAN
	12	14 00 52.1?	37.38	N	29.93	E	10	G			0.2	4	TURKEY. ML 3.0 (ISK).
	12	14 04 55.8%	39.701	N	29.423	E	10	G			0.4	5	TURKEY. ML 2.7 (ISK).
	12	14 34 56.1%	16.566	N	61.129	W	10	G			0.3	5	LEEWARD ISLANDS. ML 2.9 (FDF).
	12	14 45 53.2*	31.863	S	69.441	W	120	G			0.4	8	SAN JUAN PROVINCE, ARGENTINA
	12	14 50 32.3?	43.60	N	6.11	E	5	G			0.3	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	12	15 01 06.9?	9.24	S	115.92	E	33	N			1.3	4	SOUTH OF BALI, INDONESIA
	12	15 57 05.2%	39.236	N	28.131	E	10	G			0.8	6	TURKEY. ML 2.7 (ISK).
	12	16 55 31.5*	9.189	S	123.772	E	33	N	4.8		0.9	12	TIMOR REGION, INDONESIA
	12	18 10 50.8?	19.13	N	65.10	W	33	N			0.9	9	PUERTO RICO REGION. MD 3.7 (MPR). ML 3.7 (FDF).
	12	18 50 35.2*	45.940	N	21.299	E	10	G			1.6	12	ROMANIA
	12	19 09 50.2%	44.517	N	6.885	E	5	G			0.4	5	FRANCE. ML 1.6 (GEN).
	12	19 34 39.2	45.541	N	21.008	E	10	G			1.1	50	ROMANIA. ML 4.1 (TTG).
	12	20 24 51.0?	34.15	N	139.28	E	10	G	4.0		1.0	8	NEAR S. COAST OF HONSHU, JAPAN
	12	20 53 52.0&	60.994	N	147.324	W	20					63	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
	12	21 35 32.8	40.551	N	15.794	E	10	G			1.0	27	SOUTHERN ITALY. ML 3.8 (TTG).
	12	21 45 58.7%	39.243	N	28.178	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	13	00 18 46.7?	5.49	S	146.68	E	149	*			0.8	8	EASTERN NEW GUINEA REG., P.N.G.
	13	00 20 58.0*	43.254	N	148.013	E	33	N	4.7		1.4	17	EAST OF KURIL ISLANDS
	13	00 36 05.3	44.328	N	6.516	E	5	G			0.5	25	FRANCE. ML 2.3 (LDG), 1.6 (STR).
	13	01 32 52.0?	32.55	S	71.54	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	01 54 34.2%	44.542	N	6.862	E	5	G			0.1	5	FRANCE. ML 1.6 (GEN).
	13	03 46 03.4%	39.204	N	0.332	W	10	G			1.0	5	SPAIN. mbLg 2.8 (MDD).
	13	04 18 56.7	38.231	N	112.741	W	5	G			0.6	14	UTAH. ML 3.3 (GS).
	13	04 35 05.9	44.616	N	150.087	E	33	N	4.9		0.8	42	EAST OF KURIL ISLANDS
	13	04 37 29.6?	44.60	N	150.02	E	33	N	4.5		1.4	11	EAST OF KURIL ISLANDS
	13	04 56 55.0%	44.331	N	7.289	E	5	G			0.4	10	NORTHERN ITALY. ML 2.4 (GEN).
	13	05 05 21.6*	3.419	N	79.208	W	33	N	4.7		1.3	48	SOUTH OF PANAMA. MD 4.5 (UPA).
	13	06 27 19.6%	45.089	N	6.723	E	5	G			0.3	5	FRANCE. ML 1.8 (GEN).
	13	06 47 37.5%	45.078	N	6.713	E	5	G			0.6	5	FRANCE. ML 2.1 (GEN).
a	13	06 56 00.5	36.910	N	29.060	E	10	G	4.9	5.0	1.2	248	TURKEY. Mw 5.4 (HRV). ML 4.5 (ISK). Felt in the Mugla area.
	13	07 02 21.4?	36.92	N	28.82	E	10	G			0.3	4	DODECANESE ISLANDS. ML 3.5 (ISK).
	13	07 03 00.5%	36.880	N	28.827	E	10	G			0.7	6	DODECANESE ISLANDS. ML 3.4 (ISK).
	13	07 13 46.5	36.944	N	28.982	E	10	G	4.3		1.2	101	DODECANESE ISLANDS. MD 4.6 (ATH). ML 4.1 (ISK). Felt in the Mugla area, Turkey.
	13	07 14 08.2%	44.504	N	7.438	E	10	G			0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
	13	07 33 08.7?	55.61	N	4.80	E	10	G			0.7	5	NORTH SEA
	13	07 50 00.3%	36.881	N	28.810	E	10	G			0.5	6	DODECANESE ISLANDS. ML 3.4 (ISK).

	13	07	53	51.1&	40.393	N	125.339	W	16			48	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.4 (GS).
	13	07	58	15.1	37.033	N	28.909	E	10 G	4.8 4.4	1.3	196	TURKEY. ML 4.3 (ISK). MD 4.3 (RYD). Felt in the Mugla area.
	13	08	06	06.6	36.830	N	28.904	E	12	3.6	1.2	27	DODECANESE ISLANDS. ML 3.6 (ISK).
	13	08	14	15.4%	37.085	N	29.011	E	10 G		0.6	6	TURKEY. ML 3.2 (ISK).
	13	08	15	21.4	36.952	N	29.046	E	10 G	4.7 4.0	1.2	150	TURKEY. ML 4.1 (ISK). Felt in the Mugla area.
	13	08	29	18.0	36.816	N	28.757	E	10 G		0.4	16	DODECANESE ISLANDS. ML 3.6 (ISK).
	13	08	32	56.5*	36.897	N	28.976	E	33 N	3.6	1.3	27	DODECANESE ISLANDS. ML 3.5 (ISK).
a	13	09	07	12.1	0.221	S	124.424	E	35 D	5.3	1.1	96	SOUTHERN MOLUCCA SEA. Mw 5.2 (HRV).
	13	09	07	25.2?	36.97	N	28.81	E	10 G		0.6	4	DODECANESE ISLANDS. ML 3.3 (ISK).
	13	09	19	53.2&	60.657	N	151.296	W	59			68	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.1 (PMR).
	13	09	27	14.3&	38.734	N	119.636	W	0			6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM). ML 2.5 (GS).
	13	10	03	24.8?	36.85	N	28.81	E	10 G		0.1	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	13	10	35	07.9?	13.66	N	93.05	W	33 N	4.2	1.0	16	OFF COAST OF CHIAPAS, MEXICO
	13	10	46	22.7	48.207	N	152.892	E	121 *	4.5	0.7	46	KURIL ISLANDS
	13	10	59	55.6?	35.80	N	140.14	E	33 N		0.1	6	NEAR EAST COAST OF HONSHU, JAPAN
	13	11	03	06.9*	36.815	N	28.887	E	10 G	3.1	0.5	7	DODECANESE ISLANDS. ML 3.5 (ISK).
	13	11	05	23.5?	39.28	N	28.01	E	10 G		0.4	4	TURKEY. ML 2.8 (ISK).
	13	11	15	06.2%	44.452	N	7.387	E	10 G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	13	11	38	53.5	36.921	N	28.946	E	11	3.7	1.2	25	DODECANESE ISLANDS. MD 4.1 (ATH). ML 3.7 (ISK).
	13	12	31	09.9?	36.78	N	28.81	E	10 G		0.1	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	13	12	53	09.5&	62.033	N	149.374	W	47			62	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	13	13	02	26.5&	62.029	N	149.382	W	38			42	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	13	28	28.9*	43.155	N	147.426	E	33 N	4.5	0.7	12	KURIL ISLANDS
	13	13	54	14.1?	36.96	N	28.77	E	10 G		0.1	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	13	14	00	31.4%	36.933	N	28.825	E	10 G		0.3	5	DODECANESE ISLANDS. ML 3.2 (ISK).
	13	14	48	58.9%	37.140	N	28.831	E	10 G		1.0	5	TURKEY. ML 3.2 (ISK).
	13	15	03	20.6?	35.04	S	67.36	W	27		0.5	24	MENDOZA PROVINCE, ARGENTINA. Felt (V) at Malvinas and (I) at Mendoza.
	13	15	37	14.5%	44.253	N	8.215	E	10 G		0.7	6	NORTHERN ITALY. ML 1.4 (GEN).
	13	16	50	11.4*	22.447	N	119.140	E	10 G	4.8	1.0	16	TAIWAN REGION
	13	16	50	47.2&	46.587	N	119.590	W	27			73	WASHINGTON. <SEA-P>. MD 3.3 (SEA). ML 3.1 (GS).
	13	17	11	19.7?	37.40	N	28.96	E	10 G		0.3	4	TURKEY. ML 3.0 (ISK).
	13	17	12	49.1?	37.05	N	28.88	E	10 G		0.2	4	TURKEY. ML 3.1 (ISK).
	13	17	23	36.2%	44.253	N	8.213	E	10 G		0.6	6	NORTHERN ITALY. ML 1.4 (GEN).
	13	17	23	53.0	40.729	N	22.743	E	5 G		0.3	6	GREECE
	13	17	26	25.3%	44.252	N	8.193	E	10 G		0.6	8	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	29	12.5?	44.25	N	8.22	E	10 G		0.4	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	17	32	00.3%	44.233	N	8.262	E	10 G		0.5	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	32	04.5?	36.66	N	28.66	E	10 G		0.4	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	13	17	32	07.6%	44.242	N	8.232	E	10 G		0.3	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	17	33	27.1%	44.253	N	8.211	E	10 G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	33	45.9%	44.204	N	8.284	E	10 G		0.3	6	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	34	48.4%	44.247	N	8.242	E	10 G		0.3	12	NORTHERN ITALY. ML 2.4 (GEN).
	13	17	35	32.1%	44.245	N	8.225	E	10 G		0.5	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	36	21.0%	44.237	N	8.236	E	10 G		0.4	11	NORTHERN ITALY. ML 2.4 (GEN).
	13	17	37	05.7%	44.239	N	8.250	E	10 G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	17	37	08.3?	36.85	N	28.84	E	10 G		0.1	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	13	17	37	27.3%	44.233	N	8.243	E	10 G		0.3	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	17	38	06.8%	44.235	N	8.244	E	10 G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	39	45.6%	44.238	N	8.240	E	10 G		0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	40	39.9%	44.238	N	8.238	E	10 G		0.2	11	NORTHERN ITALY. ML 2.4 (GEN).
	13	17	41	01.5%	44.248	N	8.233	E	10 G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	13	17	43	07.9%	44.261	N	8.202	E	10 G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	17	46	55.0%	44.255	N	8.210	E	10 G		0.4	5	NORTHERN ITALY. ML 1.4 (GEN).
	13	17	53	41.9%	44.238	N	8.242	E	10 G		0.3	5	NORTHERN ITALY. ML 1.4 (GEN).
	13	17	55	17.0%	44.244	N	8.224	E	10 G		0.3	5	NORTHERN ITALY. ML 1.3 (GEN).
	13	17	56	09.9?	44.24	N	8.23	E	10 G		0.3	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	17	56	22.0%	44.239	N	8.225	E	10 G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	17	58	10.7?	44.24	N	8.23	E	10 G		0.2	4	NORTHERN ITALY. ML 1.4 (GEN).
	13	17	58	12.4%	44.247	N	8.201	E	10 G		0.3	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	01	57.1%	44.247	N	8.224	E	10 G		0.4	5	NORTHERN ITALY. ML 1.4 (GEN).
	13	18	02	09.2?	44.22	N	8.24	E	10 G		0.0	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	18	02	50.7%	44.233	N	8.247	E	10 G		0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	18	03	35.5?	44.23	N	8.25	E	10 G		0.3	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	18	05	04.0%	44.234	N	8.240	E	10 G		0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
	13	18	07	07.3%	44.268	N	8.199	E	10 G		0.2	5	NORTHERN ITALY. ML 1.4 (GEN).
	13	18	08	49.0%	44.225	N	8.242	E	10 G		0.4	8	NORTHERN ITALY. ML 2.1 (GEN).
	13	18	09	05.0%	44.243	N	8.230	E	10 G		0.3	5	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	09	40.8%	44.236	N	8.237	E	10 G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	18	10	35.9%	44.237	N	8.237	E	10 G		0.5	5	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	10	49.2?	44.24	N	8.24	E	10 G		0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
	13	18	10	52.5?	44.24	N	8.23	E	10 G		0.3	4	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	11	43.9?	44.23	N	8.25	E	10 G		0.4	4	NORTHERN ITALY. ML 1.2 (GEN).
	13	18	12	04.6?	44.23	N	8.25	E	10 G		0.3	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	18	12	31.3?	44.25	N	8.22	E	10 G		0.0	4	NORTHERN ITALY. ML 1.2 (GEN).
	13	18	14	14.6%	44.236	N	8.246	E	10 G		0.2	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	14	23.2%	44.242	N	8.228	E	10 G		0.5	7	NORTHERN ITALY. ML 2.0 (GEN).
	13	18	15	37.6%	44.237	N	8.244	E	10 G		0.2	8	NORTHERN ITALY. ML 2.1 (GEN).
	13	18	15	57.3?	44.13	N	9.95	E	10 G		0.6	5	NORTHERN ITALY
	13	18	16	08.0?	44.25	N	8.23	E	10 G		0.0	4	NORTHERN ITALY. ML 1.4 (GEN).
	13	18	16	47.2%	44.262	N	8.224	E	10 G		0.3	5	NORTHERN ITALY. ML 1.8 (GEN).
	13	18	17	03.4%	44.257	N	8.234	E	10 G		0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	17	44.5?	44.24	N	8.24	E	10 G		0.1	4	NORTHERN ITALY. ML 1.3 (GEN).
	13	18	17	48.2%	44.243	N	8.209	E	10 G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	18	19	51.1%	44.226	N	8.230	E	10 G		0.5	8	NORTHERN ITALY. ML 2.1 (GEN).
	13	18	20	03.4%	44.237	N	8.231	E	10 G		0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
	13	18	20	39.7%	44.237	N	8.231	E	10 G		0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
	13	18	20	55.5%	44.241	N	8.255	E	10 G		0.1	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	18	21	14.7%	44.234	N	8.241	E	10 G		0.3	8	NORTHERN ITALY. ML 2.0 (GEN).

	13	18	22	32.8&	44.239	N	8.223	E	10	G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	13	18	23	04.4&	44.238	N	8.227	E	10	G		0.2	6	NORTHERN ITALY. ML 1.5 (GEN).
	13	18	23	42.2&	44.251	N	8.211	E	10	G		0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	18	23	54.9&	44.237	N	8.232	E	10	G		0.4	7	NORTHERN ITALY. ML 1.7 (GEN).
	13	18	29	36.1&	44.227	N	8.256	E	10	G		0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
	13	18	30	29.9&	44.234	N	8.250	E	10	G		0.2	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	18	38	03.6&	44.233	N	8.246	E	10	G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	18	53	29.0?	51.10	N	176.34	E	33	N	3.8	0.6	6	RAT ISLANDS, ALEUTIAN ISLANDS
	13	19	37	06.0&	44.251	N	8.226	E	10	G		0.1	5	NORTHERN ITALY. ML 1.4 (GEN).
	13	19	39	43.1?	44.24	N	8.23	E	10	G		0.0	4	NORTHERN ITALY. ML 1.2 (GEN).
	13	19	40	09.6&	44.231	N	8.238	E	10	G		0.6	6	NORTHERN ITALY. ML 1.5 (GEN).
	13	19	46	28.4&	44.234	N	8.237	E	10	G		0.3	6	NORTHERN ITALY. ML 1.5 (GEN).
	13	19	48	19.6&	44.238	N	8.247	E	10	G		0.3	8	NORTHERN ITALY. ML 2.0 (GEN).
a	13	19	55	45.0	51.130	N	159.966	E	32	D	5.1 4.5	1.3	166	OFF EAST COAST OF KAMCHATKA. Mw 5.1 (HRV).
	13	20	06	30.0&	36.779	N	28.635	E	10	G		0.3	5	DODECANESE ISLANDS. ML 3.3 (ISK).
	13	20	13	53.5	51.572	N	16.060	E	10	G		0.6	26	POLAND. ML 3.8 (GRF), 3.8 (FUR), 3.7 (VIE), 3.2 (CLL).
	13	20	21	17.0&	44.239	N	8.233	E	10	G		0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
	13	20	21	51.7&	44.230	N	8.252	E	10	G		0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
	13	20	25	06.5&	44.249	N	8.223	E	10	G		0.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	20	25	31.1&	44.236	N	8.240	E	10	G		0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	13	20	34	43.3	32.924	S	70.992	W	60	G		0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	13	20	40	37.0?	43.62	N	146.42	E	77	?	4.9	1.6	26	KURIL ISLANDS
	13	20	47	18.7*	31.284	S	68.639	W	100	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	13	20	55	27.5*	43.641	N	148.394	E	33	N	4.9	1.3	22	EAST OF KURIL ISLANDS
	13	21	10	46.0*	39.503	N	74.074	E	33	N	4.3	1.1	12	SOUTHERN XINJIANG, CHINA
	13	21	13	29.6	40.311	N	126.883	W	10	G		0.6	64	OFF COAST OF NORTHERN CALIFORNIA. ML 3.7 (GS).
	13	22	15	15.6&	36.932	N	28.913	E	10	G		0.6	6	DODECANESE ISLANDS. ML 3.5 (ISK).
	13	22	36	58.9?	36.98	N	28.81	E	10	G		0.0	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	13	22	49	35.3&	44.242	N	8.225	E	10	G		0.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	13	23	42	05.9&	44.257	N	8.207	E	10	G		0.5	5	NORTHERN ITALY. ML 1.5 (GEN).
	13	23	42	29.5?	44.24	N	8.24	E	10	G		0.4	4	NORTHERN ITALY. ML 1.2 (GEN).
	13	23	46	22.6?	36.86	N	28.86	E	10	G		0.3	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	14	00	44	32.9?	36.81	N	28.83	E	10	G		0.5	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	14	00	59	55.9?	37.02	N	28.88	E	10	G		0.6	4	TURKEY. ML 3.1 (ISK).
	14	01	28	23.9&	40.351	N	124.478	W	18		4.2		91	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 4.3 (GM). ML 4.3 (BRK), 4.3 (GS). Mo=8.7*10**15 Nm (BRK). Items knocked from store shelves at Scotia. Felt (V) at Honeydew and Petrolia; (IV) at Carlotta, Loleta, Rio Dell and Samoa; (III) at Alderpoint, Bayside, Fortuna, Hydesville, Miranda, Phillipsville, Weott and Whitethorn; (II) at Redcrest. Also felt at Eureka, Ferndale, Garberville, Mayers Flat and Piercy.
	14	01	28	50.3*	4.211	N	126.386	E	95	?	4.8	1.1	13	TALAUD ISLANDS, INDONESIA
	14	01	57	16.4&	36.714	N	28.559	E	10	G		0.8	6	DODECANESE ISLANDS. ML 3.5 (ISK).
	14	02	16	58.9&	36.867	N	28.804	E	10	G		0.4	5	DODECANESE ISLANDS. ML 3.3 (ISK).
	14	03	35	56.0?	34.13	S	70.78	W	80	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	14	03	52	58.9&	60.564	N	151.691	W	70				50	KENAI PENINSULA, ALASKA. <AEIC>.
	14	04	09	14.7?	36.86	N	28.82	E	10	G		0.6	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	14	04	23	06.1&	40.354	N	124.241	W	29				43	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.0 (BRK).
	14	04	29	50.9*	40.788	N	20.809	E	5	G		1.5	20	GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR), 3.1 (TTG), 2.7 (SKO).
	14	04	49	26.7&	37.040	N	3.945	W	10	G		0.2	5	SPAIN. mbLg 1.9 (MDD).
	14	05	00	28.3	56.299	N	152.253	W	10	G		0.8	47	KODIAK ISLAND REGION. ML 3.8 (AEIC).
	14	05	11	53.1?	34.15	S	70.39	W	10	G		0.5	5	CHILE-ARGENTINA BORDER REGION
	14	05	40	39.6*	31.464	S	68.580	W	100	G		0.7	7	SAN JUAN PROVINCE, ARGENTINA
	14	06	10	07.7&	63.438	N	151.117	W	9				39	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	07	54	14.8?	40.16	N	40.40	E	10	G		1.3	4	TURKEY. ML 3.9 (ISK).
	14	08	49	04.1?	36.94	N	28.81	E	10	G		0.3	4	DODECANESE ISLANDS. ML 3.3 (ISK).
	14	09	08	46.7&	30.626	S	117.038	E	10	G		0.9	5	WESTERN AUSTRALIA
	14	10	06	32.0*	40.779	N	20.936	E	10	G		1.7	6	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR), 2.5 (SKO).
	14	10	41	00.0?	0.96	N	127.24	E	33	N	4.2	0.2	6	HALMAHERA, INDONESIA
a	14	11	27	56.1	0.028	S	16.935	W	10	G	5.2 4.9	0.9	136	NORTH OF ASCENSION ISLAND. Mw 5.3 (HRV).
	14	11	33	13.1?	10.41	N	61.73	W	60	G		0.8	4	TRINIDAD. MD 2.4 (TRN).
	14	12	58	32.8&	40.426	N	125.838	W	7				3	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	14	13	26	51.9?	30.65	S	118.49	E	10	G		0.3	5	WESTERN AUSTRALIA
	14	13	53	58.1&	61.931	N	124.121	W	10	G		1.3	8	NORTHWEST TERRITORIES, CANADA. mbLg 3.5 (PGC).
	14	13	54	19.4&	40.350	N	124.465	W	18				26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 2.9 (GS).
	14	14	00	15.2&	38.817	N	119.676	W	3				59	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK), 3.2 (GS).
	14	14	31	06.5&	37.197	N	4.045	W	10	G		0.5	7	SPAIN. mbLg 2.9 (MDD).
	14	14	33	32.2&	10.511	N	65.931	W	33	N		1.2	6	NEAR COAST OF VENEZUELA
a	14	15	24	38.9*	21.231	S	174.639	W	54	?	5.2	1.1	72	TONGA ISLANDS. Mw 5.3 (HRV).
	14	15	35	25.3	36.771	N	28.720	E	10	G		0.6	21	DODECANESE ISLANDS. ML 3.7 (ISK).
	14	15	49	04.2&	26.383	S	27.411	E	5	G		0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	14	16	19	43.7&	37.000	N	28.899	E	10	G		0.5	5	TURKEY. ML 3.4 (ISK).
	14	16	27	31.6&	38.889	N	27.750	E	10	G		0.4	9	TURKEY. ML 3.2 (ISK).
	14	16	31	26.8*	42.940	N	147.856	E	33	N	4.5	1.0	22	OFF COAST OF HOKKAIDO, JAPAN
	14	16	39	11.6&	26.365	S	27.352	E	5	G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	14	17	14	59.8&	36.925	N	28.829	E	10	G		0.8	5	DODECANESE ISLANDS
	14	17	49	07.9	38.170	N	112.727	W	5	G		0.6	12	UTAH. ML 3.0 (GS).
	14	18	23	24.3*	28.714	N	34.739	E	10	G		1.3	12	EGYPT. MD 3.8 (RYD).
	14	18	29	35.7?	3.88	S	79.22	W	33	N	4.7	1.4	7	NEAR COAST OF ECUADOR
a	14	19	15	30.6	13.525	N	121.067	E	32	G	6.1 7.1	1.1	411	MINDORO, PHILIPPINE ISLANDS. Mw 7.0 (GS), 7.1 (HRV). Ms 7.1 (BRK). Mo=2.0*10**20 Nm (PPT). At least seventy-eight people killed and 225 injured on Luzon and Mindoro. A local tsunami contributed to extensive damage (VII RF) in the Calapan and Puerto Galera areas. More than 797 houses destroyed and 3,288 damaged on Mindoro. Seven houses destroyed at Batangas, Luzon. Liquefaction, sand boils and surface faulting occurred in the epicentral area. Felt (IV RF) at Batangas,

														Guinayangan, Manila and Tagaytay; (III RF) at Quezon City, Luzon. Also felt (II RF) on Masbate. Depth from broadband displacement seismograms.
	14	20	13	57.5&	40.311	N	124.434	W	8				24	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	14	20	19	18.4*	43.912	N	147.383	E	33	N	4.4	0.8	18	KURIL ISLANDS
	14	20	27	13.0*	13.167	N	121.259	E	33	N	4.5	0.8	20	MINDORO, PHILIPPINE ISLANDS
	14	20	56	54.1*	43.686	N	147.444	E	33	N	4.4	1.1	11	KURIL ISLANDS
	14	21	50	00.5&	58.858	N	149.105	W	15				39	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	21	54	31.2%	44.445	N	7.275	E	10	G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	14	22	25	23.9	24.130	N	122.366	E	21	D	4.8	0.8	33	TAIWAN REGION
	14	22	37	50.2*	47.184	N	155.051	E	33	N	4.7	1.3	30	EAST OF KURIL ISLANDS
	14	23	16	27.8?	13.10	N	121.41	E	30	D	4.9	0.9	19	MINDORO, PHILIPPINE ISLANDS
	14	23	53	06.2*	11.934	N	93.766	E	141	D	4.6	0.7	82	ANDAMAN ISLANDS, INDIA
	15	00	33	08.2*	0.840	N	125.701	E	33	N		0.8	10	NORTHERN MOLUCCA SEA
	15	00	33	25.8*	13.643	N	120.924	E	33	N	4.8	0.5	14	MINDORO, PHILIPPINE ISLANDS
	15	00	50	02.1%	36.914	N	28.895	E	10	G		0.5	5	DODECANESE ISLANDS. ML 3.5 (ISK).
	15	02	09	09.8?	35.36	N	21.66	E	50	G		1.5	10	CENTRAL MEDITERRANEAN SEA
	15	03	22	51.5&	57.686	N	154.259	W	9				53	KODIAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC).
	15	03	54	11.5	43.873	N	6.694	E	5	G		0.6	34	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 1.9 (STR).
	15	05	34	31.0%	44.377	N	7.348	E	10	G		0.5	7	NORTHERN ITALY. ML 1.8 (GEN).
	15	05	37	17.4%	44.383	N	7.350	E	10	G		0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	15	06	06	19.6&	40.315	N	124.425	W	8				3	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.7 (GM).
	15	06	13	09.4*	37.002	N	28.952	E	10	G		0.5	5	TURKEY. ML 3.3 (ISK).
	15	06	19	56.8%	26.364	S	27.347	E	5	G		0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
a	15	06	25	09.2	13.136	N	121.184	E	21	D	5.3 5.0	1.2	71	MINDORO, PHILIPPINE ISLANDS. Mw 5.5 (HRV). Felt in the epicentral area.
	15	06	44	39.5*	12.936	N	120.913	E	33	N	4.9	0.9	25	MINDORO, PHILIPPINE ISLANDS
	15	06	57	01.8	12.944	N	121.058	E	33	N	4.9	0.6	21	MINDORO, PHILIPPINE ISLANDS
	15	07	20	57.8*	45.415	N	145.181	E	33	N	4.8	0.7	51	HOKKAIDO, JAPAN REGION
	15	07	29	34.2%	38.731	N	27.325	E	10	G		0.4	10	TURKEY. ML 3.4 (ISK).
	15	07	54	10.3%	26.908	S	26.722	E	5	G		1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	15	08	16	06.6&	56.124	N	154.633	W	33	N			28	KODIAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC).
	15	08	47	18.2?	47.26	N	10.75	E	10	G		0.5	5	AUSTRIA. ML 2.2 (VIE).
	15	08	48	24.9*	41.073	N	20.062	E	10	G		1.0	10	ALBANIA. ML 2.4 (TTG), 1.8 (SKO).
	15	09	05	28.6	26.344	S	27.489	E	5	G		1.0	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.0 (BUL). ML 2.9 (PRE).
	15	09	22	11.8*	38.943	N	24.705	E	10	G		1.2	16	AEGEAN SEA. MD 3.3 (ATH).
	15	10	16	07.2*	13.456	N	121.000	E	33	N	4.6	1.0	12	MINDORO, PHILIPPINE ISLANDS
	15	10	40	48.7	13.474	N	121.235	E	33	N	4.8 4.5	1.0	25	MINDORO, PHILIPPINE ISLANDS
	15	11	06	38.7*	13.853	S	171.158	E	634	*	4.8	0.9	97	VANUATU ISLANDS REGION
	15	11	36	13.5	44.348	N	7.307	E	5	G		0.5	23	NORTHERN ITALY. ML 2.9 (STR), 2.8 (GEN), 2.5 (LDG).
	15	11	41	03.0*	12.830	N	120.910	E	33	N	4.7 4.0	1.1	17	MINDORO, PHILIPPINE ISLANDS
	15	11	48	36.6%	36.864	N	28.848	E	10	G		0.5	5	DODECANESE ISLANDS. ML 3.3 (ISK).
	15	11	53	50.9%	40.928	N	23.779	E	10	G		0.4	6	GREECE
	15	14	04	01.1*	44.468	N	146.934	E	33	N	4.7	0.8	19	KURIL ISLANDS
	15	14	27	08.6?	41.00	N	21.90	E	10	G		1.4	4	NORTHWESTERN BALKAN REGION. ML 1.8 (SKO).
	15	14	29	13.9&	40.200	N	124.162	W	3				28	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.3 (BRK), 2.9 (GS).
	15	14	37	05.3	20.979	S	178.834	W	593	*	5.0	0.9	39	FIJI ISLANDS REGION
	15	14	56	06.6?	33.22	S	72.27	W	10	G		0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	15	14	57	31.3	26.358	S	27.396	E	5	G		1.5	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 2.8 (BUL).
	15	15	14	11.7	57.229	N	33.364	W	10	G	4.7	0.9	31	NORTH ATLANTIC OCEAN
	15	15	41	16.8%	44.526	N	7.387	E	10	G		0.3	5	NORTHERN ITALY. ML 1.8 (GEN).
	15	15	56	24.3%	26.404	S	27.400	E	5	G		0.5	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	15	17	48	02.7?	26.37	S	27.35	E	5	G		0.7	4	REPUBLIC OF SOUTH AFRICA
	15	18	10	52.7%	26.376	S	27.350	E	5	G		0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	15	18	13	05.8%	44.344	N	7.339	E	5	G		0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	15	18	37	08.8	36.871	N	28.847	E	10	G	3.7	1.2	28	DODECANESE ISLANDS. ML 3.7 (ISK).
	15	18	44	06.2	43.238	N	17.726	E	10	G		0.7	17	NORTHWESTERN BALKAN REGION. ML 3.3 (TTG).
	15	18	52	34.4	52.650	N	175.221	W	33	N	4.8	0.9	39	ANDREANOF ISLANDS, ALEUTIAN IS. First and larger of two events about 66 seconds apart.
	15	19	50	12.8?	37.86	N	28.93	E	10	G		0.1	4	TURKEY. ML 2.9 (ISK).
	15	20	16	17.6%	34.370	S	70.514	W	110	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
a	15	20	18	11.3	5.589	S	110.186	E	561	G	6.2	0.9	672	JAVA SEA. Mw 6.5 (GS), 6.5 (HRV). Depth from broadband displacement seismograms.
a	15	20	39	37.2	47.451	N	154.927	E	12	G	5.8 6.0	1.2	237	KURIL ISLANDS. Mw 6.0 (HRV). Ms 5.6 (BRK). Two events about 1.8 seconds apart. Depth from broadband displacement seismograms, based on second event.
	15	21	09	47.0	38.696	N	26.378	E	10	G	3.7	0.6	26	AEGEAN SEA. MD 3.8 (ATH). ML 3.7 (ISK).
	15	23	07	40.4?	36.89	N	28.87	E	10	G		0.9	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	15	23	07	44.4%	44.579	N	7.312	E	5	G		0.4	7	NORTHERN ITALY. ML 2.2 (GEN).
	15	23	10	53.8*	48.100	N	126.128	W	10	G		0.4	28	VANCOUVER ISLAND REGION. ML 3.0 (PGC).
	15	23	34	11.8?	36.55	N	3.01	W	10	G		0.5	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	15	23	41	38.2*	13.630	N	121.040	E	33	N	4.5	0.4	17	MINDORO, PHILIPPINE ISLANDS
	15	23	59	54.5	22.393	N	118.772	E	13	D	5.2 4.9	1.1	87	TAIWAN REGION
	16	00	04	21.1&	40.342	N	124.630	W	21			.	30	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.6 (GM). ML 3.4 (GS), 3.3 (BRK).
	16	00	23	13.4	47.648	N	153.922	E	33	N	4.8	0.7	52	KURIL ISLANDS
	16	01	08	08.4?	9.39	S	33.51	E	10	G	4.4	1.6	14	TANZANIA. mbLg 4.5 (BUL).
	16	01	12	06.4%	40.868	N	22.878	E	10	G		0.5	5	GREECE
	16	01	36	15.4&	58.345	N	153.052	W	47				45	KODIAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
	16	02	11	56.7*	13.074	N	121.024	E	28	*	4.6 4.0	0.7	21	MINDORO, PHILIPPINE ISLANDS
	16	02	12	53.4%	31.457	S	68.444	W	100	G		0.3	6	SAN JUAN PROVINCE, ARGENTINA
	16	02	21	04.3%	17.757	N	66.769	W	5	G		0.6	11	PUERTO RICO REGION. MD 2.7 (MPR).
	16	02	22	35.7*	35.774	N	140.924	E	33	N	4.8	1.1	18	NEAR EAST COAST OF HONSHU, JAPAN
	16	02	26	56.6?	34.33	S	70.31	W	5	G		0.5	6	CHILE-ARGENTINA BORDER REGION
	16	02	31	28.9%	34.084	S	69.951	W	5	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	16	02	34	47.4&	62.095	N	147.717	W	39				111	CENTRAL ALASKA. <AEIC>. ML 4.3 (AEIC), 4.2 (PMR). Felt (II) at Anchorage, Eagle River, Palmer and Sutton.
	16	02	45	44.9?	40.72	N	22.75	E	5	G		0.2	4	GREECE
	16	02	50	59.1%	34.064	S	70.014	W	5	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	02	52	04.9	34.082	S	70.046	W	8		5.1	1.1	79	CHILE-ARGENTINA BORDER REGION. MD 4.8 (SAN).
	16	02	52	42.3&	34.072	N	117.187	W	11				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS). Felt (IV) at March Air Force Base. Also felt at

													Riverside.
	16	02	54	14.2*	18.562	N	146.246	E	81	*	4.8	0.7	21 MARIANA ISLANDS
	16	02	58	55.7?	34.09	S	69.93	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION
	16	03	01	26.3&	34.047	S	70.055	W	5	G		0.3	9 CHILE-ARGENTINA BORDER REGION
	16	03	05	58.6&	33.998	S	70.163	W	5	G		0.4	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	03	15	50.5&	34.089	S	69.991	W	5	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	16	03	17	50.6	33.966	S	70.202	W	5	G		0.5	12 CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	16	03	23	39.8&	34.059	S	70.070	W	5	G		0.6	8 CHILE-ARGENTINA BORDER REGION
	16	03	26	44.3	43.168	N	18.795	E	10	G		0.6	10 NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	16	03	36	36.8?	34.10	S	69.95	W	5	G		0.1	7 CHILE-ARGENTINA BORDER REGION
	16	03	51	43.2&	34.081	S	70.024	W	5	G		0.4	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	04	06	38.9?	34.02	S	70.07	W	5	G		0.5	7 CHILE-ARGENTINA BORDER REGION
	16	04	26	35.8&	39.011	N	26.626	E	10	G		0.4	5 TURKEY. ML 3.0 (ISK).
	16	05	07	29.8&	34.079	S	70.013	W	5	G		0.3	10 CHILE-ARGENTINA BORDER REGION
	16	05	12	23.1?	34.04	S	70.11	W	5	G		0.7	8 CHILE-ARGENTINA BORDER REGION
	16	05	28	33.6&	37.059	N	28.834	E	10	G		0.4	5 TURKEY. ML 3.2 (ISK).
	16	05	53	07.7&	34.066	S	70.012	W	5	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	16	06	49	44.8?	34.09	S	69.95	W	5	G		0.2	7 CHILE-ARGENTINA BORDER REGION
a	16	06	54	03.1*	56.173	S	142.612	W	10	G	5.4 5.6	1.2	49 PACIFIC-ANTARCTIC RIDGE. Mw 5.8 (HRV). Mo=3.6*10**18 Nm (PPT).
	16	07	18	43.7?	34.08	S	69.99	W	5	G		0.1	6 CHILE-ARGENTINA BORDER REGION
	16	07	28	27.3&	40.334	N	124.657	W	20				4 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
	16	07	30	20.4?	34.11	S	69.95	W	5	G		0.1	5 CHILE-ARGENTINA BORDER REGION
	16	08	18	34.5?	37.16	N	28.87	E	10	G		1.3	4 TURKEY. ML 3.1 (ISK).
	16	08	19	15.9	34.143	S	70.001	W	5	G		1.1	17 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	16	09	01	22.7&	63.456	N	151.150	W	15				64 CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	16	09	25	42.2&	34.064	S	70.003	W	5	G		0.3	9 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	16	10	16	08.6&	39.965	N	28.872	E	10	G		0.5	7 TURKEY. ML 2.9 (ISK).
	16	10	59	27.4*	36.275	N	70.996	E	33	N	4.7	1.1	17 HINDU KUSH REGION, AFGHANISTAN
	16	11	09	33.4?	40.65	N	22.59	E	10	G		1.1	4 GREECE
	16	11	17	42.8&	60.421	N	140.258	W	6				11 SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	16	11	18	53.4&	26.354	S	27.436	E	5	G		0.9	6 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	16	11	38	50.8&	38.549	N	29.940	E	10	G		0.6	6 TURKEY. ML 3.1 (ISK).
	16	11	43	15.6&	38.835	N	122.877	W	3				9 NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	16	11	54	25.7&	39.426	N	123.141	W	0				28 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.0 (GS). Felt in the Ukiah area.
	16	12	01	18.9	40.467	N	24.027	E	10	G		0.6	10 AEGEAN SEA
	16	12	03	39.0&	34.057	S	70.078	W	5	G		0.4	9 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	16	12	23	40.5&	34.092	S	70.001	W	5	G		0.4	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	12	57	48.2&	36.129	N	120.215	W	2				12 CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.7 (GS), 2.6 (PAS).
	16	13	04	47.7?	34.10	S	69.94	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION
	16	13	13	19.4&	39.230	N	27.711	E	10	G		0.1	5 TURKEY. ML 2.8 (ISK).
	16	13	49	17.1	34.223	S	70.036	W	5	G		1.4	18 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	16	13	56	46.3?	34.09	S	69.95	W	5	G		0.2	7 CHILE-ARGENTINA BORDER REGION
	16	13	58	32.3?	33.20	S	70.32	W	5	G		0.4	4 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	16	14	01	37.2?	11.47	S	12.28	W	10	G	4.8 4.3	1.2	29 ASCENSION ISLAND REGION
	16	14	31	22.9?	34.09	S	69.96	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION
	16	14	42	55.2?	34.12	S	69.93	W	5	G		0.1	7 CHILE-ARGENTINA BORDER REGION
	16	14	51	12.2&	60.469	N	146.972	W	19				84 SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.5 (PMR).
	16	14	54	29.5&	37.747	N	27.508	E	10	G		0.7	8 TURKEY. ML 3.3 (ISK).
	16	16	20	56.8?	34.07	S	69.99	W	5	G		0.4	7 CHILE-ARGENTINA BORDER REGION
	16	17	11	23.2&	33.995	S	70.218	W	5	G		0.8	8 CHILE-ARGENTINA BORDER REGION
	16	17	16	43.9?	34.09	S	69.96	W	5	G		0.1	6 CHILE-ARGENTINA BORDER REGION
	16	17	32	40.8*	43.655	N	146.444	E	33	N	4.6	1.0	39 KURIL ISLANDS
	16	18	14	18.0&	34.083	S	70.080	W	5	G		0.9	9 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	18	55	45.4?	38.37	N	27.67	E	10	G		1.2	4 TURKEY. ML 2.9 (ISK).
	16	18	58	25.8*	13.937	N	92.571	W	33	N	4.5 3.8	1.2	34 OFF COAST OF CHIAPAS, MEXICO
	16	20	52	36.5&	33.690	S	70.675	W	31	*		0.2	10 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	16	21	20	42.7?	34.02	S	70.03	W	5	G		1.1	8 CHILE-ARGENTINA BORDER REGION
	16	21	32	47.6*	10.263	S	13.166	W	10	G	4.7	1.5	21 ASCENSION ISLAND REGION
a	16	21	34	52.0*	10.182	S	13.258	W	10	G	5.1 4.9	0.9	46 ASCENSION ISLAND REGION. Mw 5.3 (HRV).
	16	22	13	41.4	39.052	N	26.046	E	10	G		1.1	11 TURKEY. ML 3.4 (ISK). MD 3.4 (ATH).
	16	22	14	56.5?	33.16	S	72.25	W	10	G		0.4	10 OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	16	22	33	48.0&	37.080	N	28.917	E	10	G		0.9	5 TURKEY. ML 3.1 (ISK).
	16	22	43	33.9?	39.81	N	2.69	W	10	G		1.1	4 SPAIN
	16	23	46	30.8	43.109	N	147.116	E	33	N	4.9	0.9	67 KURIL ISLANDS
	16	23	49	03.2?	43.92	N	146.51	E	33	N		1.0	6 KURIL ISLANDS
	16	23	50	36.1	13.005	N	121.026	E	23	D	4.8 4.2	1.0	30 MINDORO, PHILIPPINE ISLANDS
	17	00	13	10.7	21.812	S	174.663	W	33	N	5.1 4.8	0.8	43 TONGA ISLANDS
	17	00	17	53.0&	37.433	N	118.558	W	11				8 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.6 (GS).
	17	01	00	53.8&	62.928	N	150.869	W	111				63 CENTRAL ALASKA. <AEIC>.
	17	01	32	21.7	32.461	S	71.820	W	12			0.6	16 NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	17	01	40	46.5&	37.431	N	118.560	W	12				26 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.0 (GS).
	17	02	07	51.2?	34.09	S	69.94	W	5	G		0.2	7 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	17	02	12	24.1?	34.06	S	70.04	W	5	G		0.1	5 CHILE-ARGENTINA BORDER REGION
	17	02	19	48.0?	31.82	S	72.30	W	33	N		1.0	16 OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	17	02	40	40.0&	63.504	N	151.137	W	11		4.2		100 CENTRAL ALASKA. <AEIC>. ML 4.3 (AEIC), 4.5 (PMR).
	17	03	04	42.0	0.037	N	126.612	E	75	?	4.6	1.3	19 NORTHERN MOLUCCA SEA
	17	03	12	46.1&	34.079	S	70.030	W	5	G		0.6	8 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	17	03	31	13.4*	32.064	S	71.837	W	10	G		1.1	15 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	17	03	42	32.4?	34.10	S	69.98	W	5	G		0.4	7 CHILE-ARGENTINA BORDER REGION
	17	03	44	31.3&	37.182	N	4.064	W	10	G		0.5	6 SPAIN. mbLg 2.6 (MDD).
	17	03	50	37.5	17.916	N	68.691	W	33	N	4.5	1.1	13 MONA PASSAGE. MD 4.3 (MPR). Felt lightly at Higuey, Dominican Republic.
	17	04	14	55.9&	34.064	S	70.016	W	5	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	17	04	18	41.4?	34.10	S	69.94	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	17	05	34	57.4&	63.448	N	151.123	W	13				46 CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
	17	05	35	32.8	22.440	S	66.020	W	274	D	5.1	1.1	138 JUJUY PROVINCE, ARGENTINA
	17	06	07	58.0	33.549	N	139.311	E	10	G	4.7	0.9	16 SOUTH OF HONSHU, JAPAN
	17	07	10	16.1?	9.32	S	128.30	E	141	?	4.2	1.3	6 TIMOR SEA

	17	07	26	04.7*	36.093	S	72.259	W	56	D	4.3	1.1	26 NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	17	07	58	57.9?	34.11	S	69.93	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION
	17	08	59	57.3%	34.049	S	70.047	W	5	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	17	09	19	57.1?	32.11	S	71.26	W	70	G		0.3	8 NEAR COAST OF CENTRAL CHILE
	17	09	21	15.1&	63.511	N	151.125	W	11				40 CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
	17	09	30	58.7*	20.782	S	178.014	W	469	*	4.2	0.9	18 FIJI ISLANDS REGION
	17	09	56	43.3%	39.198	N	27.391	E	10	G		0.3	5 TURKEY. ML 2.7 (ISK).
	17	10	19	55.9	36.038	N	21.979	E	33	N	4.0	1.2	31 SOUTHERN GREECE. MD 4.0 (ATH).
	17	10	20	24.6%	33.761	S	71.014	W	70	G		0.4	10 NEAR COAST OF CENTRAL CHILE
	17	10	27	31.0	0.518	S	99.159	E	65	*	5.1	0.8	28 SOUTHERN SUMATERA, INDONESIA
	17	10	57	32.9?	36.93	N	28.89	E	10	G		0.7	4 DODECANESE ISLANDS. ML 3.1 (ISK).
	17	10	57	41.3?	34.14	S	69.89	W	5	G		0.2	6 CHILE-ARGENTINA BORDER REGION
	17	11	03	10.1%	44.156	N	7.763	E	10	G		0.4	5 NORTHERN ITALY. ML 2.3 (GEN).
	17	11	04	05.7?	33.86	S	71.85	W	33	N		0.7	10 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	17	11	11	01.2	38.216	N	112.728	W	5	G		0.6	16 UTAH. ML 3.3 (GS). MD 3.6 (SLC). Felt at Beaver.
	17	11	26	01.4	1.357	N	126.995	E	143	*	5.1	0.9	35 NORTHERN MOLUCCA SEA
	17	11	48	22.8%	36.943	N	28.842	E	10	G		0.8	6 DODECANESE ISLANDS. ML 3.4 (ISK).
	17	11	58	24.3&	62.681	N	148.953	W	58				63 CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	17	12	16	39.3%	26.913	S	26.712	E	5	G		1.0	9 REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	17	12	36	03.1?	34.06	S	70.08	W	5	G		0.3	5 CHILE-ARGENTINA BORDER REGION
	17	12	50	40.7%	39.796	N	29.289	E	10	G		0.8	6 TURKEY. ML 2.8 (ISK).
	17	13	46	29.2	37.731	N	6.252	W	10	G		1.0	18 SPAIN. mbLg 3.2 (MDD). MD 3.0 (SFS).
	17	14	04	49.3	1.952	S	99.816	E	47	D	5.2	0.9	39 SOUTHERN SUMATERA, INDONESIA
	17	14	15	14.7*	27.913	S	26.674	E	5	G		1.2	10 REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
	17	14	15	54.6*	42.065	N	24.820	E	10	G		1.5	11 BULGARIA
	17	14	27	28.8?	43.76	N	148.17	E	33	N		1.6	11 EAST OF KURIL ISLANDS
	17	14	34	24.3?	39.59	N	29.54	E	10	G		1.1	4 TURKEY. ML 2.7 (ISK).
	17	14	59	20.6	18.622	N	68.344	W	81	D	4.7	1.4	79 MONA PASSAGE. MD 4.6 (MPR). Felt (IV) at Santo Domingo, Dominican Republic. Felt in the eastern part of the Dominican Republic and at Mayaguez, Puerto Rico.
	17	15	28	37.6%	26.396	S	27.392	E	5	G		0.8	6 REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	17	16	24	04.0?	46.75	N	151.64	E	180	*		0.7	13 KURIL ISLANDS
	17	16	44	12.9?	26.34	S	27.59	E	5	G		0.9	4 REPUBLIC OF SOUTH AFRICA
	17	17	10	19.3%	36.872	N	28.818	E	10	G		0.5	7 DODECANESE ISLANDS. ML 3.3 (ISK).
	17	17	12	54.2%	26.387	S	27.401	E	5	G		0.7	7 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	17	17	30	47.3*	51.406	N	16.097	E	10	G		0.6	8 POLAND. ML 2.6 (CLL).
	17	17	33	28.7?	34.08	S	69.98	W	5	G		0.2	5 CHILE-ARGENTINA BORDER REGION
	17	17	35	34.1%	34.106	S	70.028	W	5	G		0.6	10 CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	17	17	53	41.5*	15.072	S	167.502	E	130	D	4.9	1.2	51 VANUATU ISLANDS
	17	18	19	03.0	38.967	N	21.352	E	5	G		1.2	13 GREECE. MD 3.0 (ATH).
	17	18	34	42.5%	36.877	N	28.805	E	10	G		0.5	5 DODECANESE ISLANDS. ML 3.3 (ISK).
	17	19	19	22.0%	40.748	N	28.005	E	10	G		0.7	8 TURKEY. ML 2.7 (ISK).
	17	19	29	46.6%	28.043	S	26.873	E	5	G		1.1	5 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	17	19	54	23.4?	34.10	S	69.93	W	5	G		0.1	7 CHILE-ARGENTINA BORDER REGION
	17	19	57	17.1*	36.304	N	70.777	E	33	N	4.5	1.4	15 HINDU KUSH REGION, AFGHANISTAN
	17	20	13	04.8	36.961	N	28.906	E	10	G		1.1	28 DODECANESE ISLANDS. ML 3.6 (ISK).
	17	20	29	49.5&	42.380	N	122.044	W	7		3.8		86 OREGON. <SEA-P>. MD 3.9 (SEA). ML 4.4 (GS), 4.4 (BRK). Felt (IV) at Klamath River and Medford; (III) at Fort Klamath, Keno and Midland. Also felt at Ashland and Klamath Falls.
	17	20	57	54.0?	32.00	S	116.72	E	10	G		0.0	4 WESTERN AUSTRALIA
	17	21	40	29.7&	45.701	N	120.178	W	0				32 WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.7 (SEA).
	17	21	40	57.9&	61.606	N	150.982	W	66				35 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	21	55	38.2%	39.026	N	26.869	E	10	G		0.4	5 TURKEY. ML 2.8 (ISK).
	17	21	56	23.5%	38.421	N	27.863	E	10	G		0.3	6 TURKEY. ML 3.1 (ISK).
	17	22	42	13.0?	9.39	N	82.98	W	5	G		0.2	4 PANAMA-COSTA RICA BORDER REGION. MD 3.9 (UPA).
	17	23	06	52.7?	42.61	N	23.62	E	10	G		0.9	8 BULGARIA
	17	23	29	57.1&	38.767	N	119.702	W	0				40 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.1 (BRK).
	17	23	34	28.5*	37.380	N	21.364	E	33	N		0.9	7 SOUTHERN GREECE. MD 3.6 (ATH).
	17	23	45	53.9	42.456	N	23.772	E	10	G		1.1	22 BULGARIA. MD 3.1 (ATH).
a	18	01	13	00.2	13.057	N	121.090	E	20	D	5.4 5.2	1.0	112 MINDORO, PHILIPPINE ISLANDS. Mw 5.4 (HRV). Felt in the epicentral area.
	18	02	55	37.4*	51.362	N	175.971	W	33	N	4.6	0.9	21 ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
	18	04	09	37.2%	40.197	N	23.599	E	10	G		0.7	7 GREECE
	18	05	14	03.4	13.017	N	120.954	E	33	N	4.9	0.7	14 MINDORO, PHILIPPINE ISLANDS
a	18	05	32	47.8*	41.938	S	83.784	W	10	G	5.4	1.2	43 WEST CHILE RISE. Mw 5.3 (HRV).
	18	05	44	58.3%	33.496	S	70.895	W	71	?		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	18	05	48	26.5?	34.10	S	69.97	W	5	G		0.2	7 CHILE-ARGENTINA BORDER REGION
	18	05	54	48.6%	26.334	S	27.503	E	5	G		1.0	7 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	18	06	58	19.0*	19.070	N	64.259	W	60	G		0.7	14 VIRGIN ISLANDS. MD 3.6 (MPR).
	18	07	54	17.7%	44.714	N	6.465	E	10	G		0.5	9 FRANCE. ML 2.4 (GEN).
	18	07	54	19.2?	34.08	S	69.96	W	5	G		0.1	6 CHILE-ARGENTINA BORDER REGION
	18	08	17	22.9?	44.04	N	146.27	E	33	N	4.8	0.4	14 KURIL ISLANDS
	18	09	04	30.7*	51.561	N	174.235	W	33	N	4.4	1.1	10 ANDREANOF ISLANDS, ALEUTIAN IS.
	18	09	50	58.3&	38.399	N	122.630	W	5				28 NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS). Felt at Santa Rosa.
	18	09	55	18.0&	37.431	N	118.560	W	12				29 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	18	10	25	53.2%	39.645	N	29.522	E	10	G		1.1	6 TURKEY. ML 2.7 (ISK).
	18	11	03	03.1	44.137	N	12.163	E	10	G		1.3	59 NORTHERN ITALY. MD 3.6 (TRI), 3.5 (FIR). ML 3.6 (LDG), 3.6 (VIE).
	18	11	22	10.0&	43.781	N	70.918	W	5	G			4 MAINE. <WES-P>. MD 2.6 (WES). mbLg 2.0 (GS). Felt (IV) at Kezar Falls; (III) at Cornish and West Baldwin. Also felt at Porter.
	18	11	23	06.7&	61.550	N	144.820	W	47				42 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	13	00	39.9%	26.334	S	27.519	E	5	G		0.3	6 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	18	13	20	47.9	42.682	N	23.873	E	10	G		0.7	9 BULGARIA
	18	13	21	05.0%	39.908	N	27.293	E	10	G		0.8	8 TURKEY. ML 2.9 (ISK).
	18	13	25	36.2%	38.748	N	26.407	E	10	G		0.7	10 AEGEAN SEA. ML 3.4 (ISK).
	18	13	34	56.4%	39.690	N	29.594	E	10	G		0.7	6 TURKEY. ML 2.7 (ISK).
	18	13	42	51.4*	51.312	N	16.076	E	10	G		0.5	6 POLAND. ML 2.3 (CLL).
	18	13	45	41.6&	60.547	N	150.621	W	36				69 KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).

	18	13	56	20.6*	43.316	N	148.033	E	33	N	4.7	0.8	18	EAST OF KURIL ISLANDS
	18	14	02	44.8%	59.348	N	6.074	E	10	G		0.8	5	SOUTHERN NORWAY. MD 1.4 (BER).
	18	14	10	35.1%	26.363	S	27.394	E	5	G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	18	14	15	54.1*	51.481	N	16.169	E	10	G		0.7	6	POLAND. MG 2.7 (WAR).
	18	14	29	18.8*	43.239	N	148.055	E	33	N	4.7	1.1	25	EAST OF KURIL ISLANDS
	18	15	13	00.9*	9.905	N	83.130	W	33	N	4.1	1.3	6	COSTA RICA. MD 4.4 (UPA).
	18	15	26	36.3	37.000	N	28.873	E	10	G		1.0	8	TURKEY. ML 3.4 (ISK).
	18	15	47	25.2	43.571	N	147.483	E	33	N	5.5	0.8	232	KURIL ISLANDS
	18	15	48	58.2	44.291	N	7.393	E	5	G		0.4	17	NORTHERN ITALY. ML 2.3 (GEN).
	18	16	27	12.3*	2.086	N	128.568	E	171	*	4.8	0.9	19	HALMAHERA, INDONESIA
	18	16	35	29.2*	34.378	S	70.219	W	5	G		1.1	17	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	18	16	49	07.8?	34.75	S	70.89	W	80	G		0.4	9	CHILE-ARGENTINA BORDER REGION
	18	17	08	49.5?	39.06	N	25.91	E	10	G		0.3	7	AEGEAN SEA. ML 3.2 (ISK).
	18	17	16	56.1?	6.66	S	130.13	E	186	*	4.8	0.5	16	BANDA SEA
	18	17	18	44.6*	31.446	S	68.555	W	100	G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	18	18	25	06.8&	39.582	N	123.441	W	7				25	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	18	18	35	50.8%	17.386	N	95.007	W	33	N		1.4	5	OAXACA, MEXICO
	18	19	15	51.0%	34.074	S	70.018	W	5	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	18	19	33	09.3*	43.288	N	13.095	E	10	G		1.1	31	CENTRAL ITALY. ML 3.6 (LDG).
	18	19	37	35.7?	17.91	S	175.14	W	257	*	4.8	1.5	21	TONGA ISLANDS
	18	20	27	54.2?	36.81	N	28.85	E	10	G		0.6	4	DODECANESE ISLANDS. ML 3.3 (ISK).
	18	20	33	34.6*	2.618	S	138.534	E	33	N	4.9	0.9	20	IRIAN JAYA, INDONESIA
	18	20	46	54.1?	36.39	N	3.04	W	10	G		1.0	8	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	18	20	50	59.1&	39.168	N	119.733	W	6				105	NEVADA. <GM-P>. MD 4.1 (GM), 4.2 (REN). ML 4.4 (BRK), 4.0 (GS). Felt (V) at Carson City, (IV) at Virginia City and (III) at Gardnerville. Felt (III) at Loyalton, Pollock Pines and Tahoe City, California. Felt at Incline Village, Minden, Reno and Washoe City, Nevada. Also felt at Alta and in the South Lake Tahoe area, California.
	18	21	12	43.2&	39.171	N	119.711	W	6				51	NEVADA. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.4 (BRK).
	18	21	29	43.6&	60.298	N	150.987	W	39				78	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.4 (PMR).
	18	22	05	36.5*	22.630	N	121.295	E	33	N	4.6	1.1	20	TAIWAN REGION
	18	22	15	36.9&	38.750	N	119.675	W	0				5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
	18	23	02	41.1?	30.66	S	178.79	W	150	G	5.0	1.3	92	KERMADEC ISLANDS, NEW ZEALAND
	18	23	54	00.8?	64.45	N	19.16	W	10	G	4.2 3.9	1.1	20	ICELAND
	19	00	31	22.2%	39.934	N	24.231	E	10	G		0.9	7	AEGEAN SEA
	19	00	31	30.8&	37.414	N	118.440	W	12				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
	19	01	22	05.9%	42.405	N	19.263	E	19	*		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	19	01	59	51.9*	50.353	N	18.881	E	10	G		1.0	5	POLAND. MG 2.8 (WAR).
	19	02	11	47.8	38.169	N	112.681	W	5	G		0.6	18	UTAH. ML 3.3 (GS).
	19	02	18	01.3?	27.82	N	56.89	E	33	N	4.6	0.9	17	SOUTHERN IRAN
	19	03	30	18.1&	38.743	N	119.658	W	1				60	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK), 3.2 (GS).
	19	05	47	33.8%	28.023	S	26.833	E	5	G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	19	05	48	04.2%	37.923	N	27.921	E	10	G		0.4	7	TURKEY. ML 3.0 (ISK).
	19	05	53	21.0*	39.233	N	26.425	E	10	G		1.3	18	TURKEY. MD 3.4 (ATH). ML 3.3 (ISK).
	19	06	01	10.7?	11.64	S	123.96	E	33	N		1.6	5	SOUTH OF TIMOR, INDONESIA
	19	06	13	09.6?	52.85	N	153.08	E	400	G	4.0	1.1	12	NORTHWEST OF KURIL ISLANDS
	19	06	40	12.6%	33.920	S	70.831	W	80	G		0.2	7	CHILE-ARGENTINA BORDER REGION
	19	07	31	21.6%	11.270	N	61.800	W	10	G		0.7	5	WINDWARD ISLANDS. MD 3.2 (TRN).
	19	08	29	01.3	37.018	N	141.723	E	33	N	5.0	0.9	33	NEAR EAST COAST OF HONSHU, JAPAN
	19	08	30	14.8&	52.188	N	115.199	W	5	G			24	ALBERTA, CANADA. <PGC-P>. ML 4.0 (PGC), 3.9 (GS).
	19	08	52	35.5?	35.85	S	72.21	W	33	N	4.4	1.1	27	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	19	09	07	27.7	60.143	N	11.169	E	10	G		0.6	16	SOUTHERN NORWAY. ML 3.5 (UPP). MD 3.3 (BER). Felt.
	19	09	15	53.0*	60.183	N	11.077	E	10	G		0.6	10	SOUTHERN NORWAY. ML 2.7 (UPP), 2.6 (NAO). Felt.
	19	09	48	34.3*	27.802	S	69.206	W	120	G	4.5	1.2	10	NORTHERN CHILE
	19	10	09	55.5?	34.07	S	69.99	W	5	G		0.3	5	CHILE-ARGENTINA BORDER REGION
	19	10	39	49.0&	60.158	N	152.736	W	106				81	SOUTHERN ALASKA. <AEIC>.
	19	10	53	57.9%	33.999	S	70.180	W	5	G		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	19	10	57	39.4%	39.361	N	28.008	E	10	G		0.2	5	TURKEY. ML 2.8 (ISK).
	19	11	11	58.9	51.234	N	178.730	E	33	N	4.8 4.5	1.0	85	RAT ISLANDS, ALEUTIAN ISLANDS
	19	11	42	21.0%	44.372	N	6.560	E	10	G		0.5	6	FRANCE. ML 2.1 (GEN).
	19	12	39	27.1*	16.543	N	145.583	E	102	*	4.5	0.6	17	MARIANA ISLANDS
	19	12	54	35.5	44.351	N	8.678	E	5	G		1.1	48	NORTHERN ITALY. ML 3.3 (GEN), 3.3 (LDG).
	19	14	11	40.7*	20.781	S	177.711	W	500	G	4.9	0.7	22	FIJI ISLANDS REGION
	19	15	10	50.0%	45.922	N	3.729	E	10	G		0.2	8	FRANCE. ML 1.7 (LDG).
	19	16	19	13.9*	28.712	S	67.395	W	150	G		0.8	8	LA RIOJA PROVINCE, ARGENTINA
	19	16	34	11.1?	34.09	S	69.94	W	5	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	19	17	30	42.5%	34.010	S	70.157	W	5	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	19	17	51	31.3%	34.095	S	69.987	W	5	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	19	18	01	44.5	37.786	N	112.954	W	5	G		0.6	15	UTAH. ML 3.1 (GS). Felt (IV) at Cedar City. Also felt at Parowan.
	19	18	52	21.0?	39.11	N	26.07	E	10	G		1.2	5	TURKEY. ML 3.1 (ISK).
	19	19	56	00.6?	34.09	S	69.96	W	5	G		0.1	7	CHILE-ARGENTINA BORDER REGION
	19	20	32	46.9%	34.332	S	70.152	W	5	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
a	19	21	46	50.4	43.107	N	146.956	E	47	D	5.4	0.8	267	KURIL ISLANDS. Mw 5.2 (HRV).
	19	22	04	56.3&	60.249	N	152.560	W	105				46	SOUTHERN ALASKA. <AEIC>.
	19	22	30	06.0?	38.24	N	28.79	E	10	G		0.3	4	TURKEY. ML 3.0 (ISK).
	19	22	59	02.1	27.976	S	26.728	E	5	G		1.4	13	REPUBLIC OF SOUTH AFRICA. mbLg 4.1 (BUL). ML 3.5 (PRE).
	19	23	34	12.7	38.389	N	25.223	E	10	G		1.5	26	AEGEAN SEA. MD 3.5 (ATH). ML 3.4 (ISK).
	20	00	54	14.3	51.253	N	179.082	W	33	N	5.0 4.2	0.8	127	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
	20	01	13	24.7?	36.93	N	28.86	E	10	G		0.3	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	20	01	22	13.5&	49.180	N	125.535	W	38				66	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.8 (PGC), 3.9 (GS). Felt (III) at Port Albion, Tofino and Ucluelet.
	20	01	32	45.5*	31.512	S	68.768	W	100	G		1.1	10	SAN JUAN PROVINCE, ARGENTINA
	20	01	55	58.3*	42.260	N	25.278	E	5	G		1.6	16	BULGARIA
	20	02	24	20.4?	5.95	S	128.92	E	327	?	4.7	0.4	15	BANDA SEA
	20	02	31	17.0%	44.408	N	8.581	E	5	G		0.4	6	NORTHERN ITALY. ML 2.0 (GEN).
	20	02	36	16.2%	46.237	N	2.757	E	20	*		0.3	9	FRANCE. ML 1.6 (LDG).
	20	02	57	01.5	14.769	N	55.609	E	10	G	5.0	0.8	30	ARABIAN SEA
a	20	02	57	15.6	9.794	S	159.712	E	24	D	5.8 5.5	1.0	192	SOLOMON ISLANDS. Mw 5.6 (HRV). Ms 5.3 (BRK). Felt (V)

														at Honiara.
	20	03	10	55.2?	40.22	N	28.25	E	10	G		0.4	5	TURKEY. ML 3.0 (ISK).
	20	04	02	05.3*	2.870	N	125.950	E	137	?	4.6	0.7	12	TALAUD ISLANDS, INDONESIA
	20	04	31	43.4&	34.012	N	116.319	W	6				69	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.2 (BRK), 4.3 (GS). Felt (IV) at La Quinta and Rancho Mirage. Felt (III) at White Water. Also felt at Yucca Valley.
	20	05	30	01.9*	13.570	N	121.198	E	33	N	4.8	1.2	18	MINDORO, PHILIPPINE ISLANDS
	20	05	34	25.3	13.558	N	124.919	E	33	N	4.8	1.0	24	LUZON, PHILIPPINE ISLANDS
	20	05	46	06.2&	45.914	N	10.865	E	10	G		0.4	6	NORTHERN ITALY. ML 2.4 (VIE).
	20	06	08	54.7*	31.528	S	68.807	W	100	G		1.1	10	SAN JUAN PROVINCE, ARGENTINA
a	20	06	39	21.8	20.766	S	172.748	E	24	D	5.5 5.6	1.1	108	VANUATU ISLANDS REGION. Mw 5.9 (HRV). Ms 5.5 (BRK). Mo=1.2*10**18 Nm (PPT).
	20	07	30	58.6&	61.840	N	149.749	W	48				58	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	20	08	08	46.9?	39.82	N	23.50	E	10	G		0.4	6	AEGEAN SEA
	20	08	13	44.8*	8.859	S	109.552	E	33	N	4.0	1.2	13	JAWA, INDONESIA
	20	08	22	10.4*	35.455	N	136.865	E	10	G		0.4	7	WESTERN HONSHU, JAPAN. Felt (III JMA) at Gifu. Also felt in Aichi, Fukui, Kyoto, Mie, Nagano, Nara, Shiga and Yamanashi Prefectures.
a	20	08	30	12.3	43.103	N	146.946	E	52	D	5.1	0.8	172	KURIL ISLANDS. Mw 5.4 (HRV).
	20	08	46	10.2*	48.092	N	145.599	E	461	*	4.2	0.7	30	SEA OF OKHOTSK
	20	09	28	37.0*	44.106	N	147.408	E	38	D	4.9	1.0	54	KURIL ISLANDS
	20	09	50	30.3*	34.679	N	29.206	E	28	*	4.3	1.3	65	EASTERN MEDITERRANEAN SEA
	20	10	20	03.0	43.012	N	19.107	E	10	G		1.5	20	NORTHWESTERN BALKAN REGION. ML 3.4 (TIR). MD 3.2 (TTG).
	20	14	29	05.3	0.854	N	127.195	E	121	D	5.0	1.1	54	HALMAHERA, INDONESIA
a	20	14	31	02.2*	35.335	N	39.557	E	29	D	5.1 4.9	1.2	189	JORDAN - SYRIA REGION. Mw 5.4 (HRV).
	20	14	42	22.1&	36.864	N	28.862	E	10	G		0.5	5	DODECANESE ISLANDS. ML 3.3 (ISK).
	20	15	14	25.8&	33.472	S	71.332	W	53	?		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	20	15	38	56.4*	18.070	S	71.445	W	79	*	4.4	0.6	10	OFF COAST OF NORTHERN CHILE
	20	15	56	11.7	3.930	S	129.870	E	33	N	4.9	1.0	25	SERAM, INDONESIA
	20	16	03	41.1&	36.881	N	118.198	W	12				32	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
	20	16	12	36.9*	9.873	S	113.692	E	33	N	4.9	1.1	14	SOUTH OF JAWA, INDONESIA
	20	16	19	06.1?	10.25	S	161.38	E	89	?	4.1	0.5	7	SOLOMON ISLANDS
	20	16	34	41.7	43.455	N	147.351	E	53	D	5.2	0.9	195	KURIL ISLANDS
a	20	16	59	05.6	2.001	S	135.932	E	16	G	5.8 6.3	1.1	193	IRIAN JAYA REGION, INDONESIA. Mw 6.3 (GS), 6.3 (HRV). Ms 6.2 (BRK). Mo=9.5*10**18 Nm (PPT). Twenty-eight people injured and many buildings damaged at Serui, Yapen. Felt strongly on Yapen. Also felt on Biak. Depth from broadband displacement seismograms.
	20	17	22	03.1&	36.893	N	28.858	E	10	G		0.4	6	DODECANESE ISLANDS. ML 3.4 (ISK).
	20	17	33	09.2*	43.995	N	147.240	E	33	N	4.7	0.7	26	KURIL ISLANDS
	20	17	35	53.1?	18.76	N	62.83	W	10	G		0.3	8	LEEWARD ISLANDS. ML 3.6 (FDF).
	20	17	48	12.5*	42.950	N	0.523	W	5	G		1.1	9	PYRENEES. ML 2.3 (LDG).
a	20	18	34	34.4*	4.330	N	97.591	E	153	G	5.7	1.3	422	NORTHERN SUMATERA, INDONESIA. Mw 6.1 (GS), 6.0 (HRV). Felt at Banda Aceh. Two events about 2.1 seconds apart. Depth from broadband displacement seismograms, based on second event.
	20	18	41	28.5*	23.386	N	142.995	E	28	D	5.1 5.0	1.0	49	VOLCANO ISLANDS REGION
	20	19	04	31.9&	34.791	N	116.296	W	4				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	20	19	33	34.0&	44.233	N	70.600	W	5	G			8	MAINE. <WES-P>. MD 3.0 (WES). mbLg 2.9 (GS). Felt (IV) at Locke Mills and Norway; (III) at Bryant Pond, Buckfield, Hanover, Peru, Turner, West Bethel and West Sumner. Also felt at Harrison, Oxford, South Paris and Sweden.
	20	19	49	46.8*	17.219	S	173.705	W	33	N	4.7	1.0	22	TONGA ISLANDS
	20	20	02	31.0	27.272	S	179.212	W	411		5.1	1.1	77	KERMADEC ISLANDS REGION
	20	20	34	37.3&	63.322	N	151.354	W	7				30	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	20	20	41	41.5&	34.004	S	70.186	W	5	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	20	20	53	57.8&	63.323	N	151.310	W	8				51	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	20	21	10	14.6&	63.479	N	151.119	W	8				30	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	20	22	33	09.7&	59.784	N	151.158	W	46				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	20	23	31	48.7	36.425	N	89.555	W	10	G		0.4	9	NEW MADRID, MISSOURI REGION. mbLg 2.6 (GS). MD 2.9 (TVA).
	20	23	32	12.2	44.127	N	10.837	E	10	G		1.0	30	NORTHERN ITALY. ML 2.9 (LDG).
	20	23	39	18.3	45.762	N	7.132	E	5	G		0.6	17	NORTHERN ITALY. ML 2.5 (GEN), 2.3 (LDG).
	21	00	11	25.2	39.196	N	26.334	E	10	G		0.5	11	TURKEY. ML 3.5 (ISK). MD 3.4 (ATH).
	21	01	02	58.4	40.719	N	20.313	E	10	G		1.3	9	GREECE-ALBANIA BORDER REGION. ML 2.4 (TIR), 1.9 (SKO).
	21	01	59	00.9*	8.891	S	114.204	E	33	N	4.9	0.8	13	BALI REGION, INDONESIA
	21	02	00	46.9*	55.193	N	7.308	W	10	G		0.3	8	UNITED KINGDOM. ML 2.0 (BGS). Felt (IV) at Buncrana, Clonmany and Malin Head, Ireland.
a	21	02	21	30.7	14.976	S	167.243	E	126	*	5.6	1.0	124	VANUATU ISLANDS. Mw 5.3 (HRV).
	21	02	44	32.2?	19.46	N	68.15	W	33	N		0.3	11	NORTH ATLANTIC OCEAN. MD 3.8 (MPR).
	21	02	50	06.3?	39.74	N	25.62	E	5	G		0.4	4	AEGEAN SEA
a	21	03	25	57.8	36.663	S	78.547	E	10	G	4.6	0.8	21	MID-INDIAN RIDGE. Mw 5.3 (HRV).
	21	03	30	54.3&	40.144	N	22.644	E	5	G		0.5	5	GREECE. ML 2.0 (THE).
	21	03	47	47.7	43.765	N	6.515	E	10	G		1.1	8	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	21	03	54	48.8&	34.077	S	70.007	W	5	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	21	04	44	18.2?	31.92	S	69.15	W	119	?		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	21	05	12	15.6?	18.38	N	67.12	W	33	N		0.5	5	MONA PASSAGE
	21	05	33	00.9&	39.156	N	23.552	E	10	G		0.4	7	AEGEAN SEA. ML 2.1 (THE).
	21	05	45	16.8	44.611	N	7.298	E	10	G		0.4	17	NORTHERN ITALY. ML 2.5 (GEN), 2.2 (LDG).
	21	06	07	20.1&	34.265	N	118.569	W	15				51	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	21	06	36	03.8*	34.545	S	70.718	W	5	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	21	06	50	35.6&	59.938	N	152.257	W	68				39	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	21	08	01	29.4?	44.09	N	148.82	E	33	N	5.0	0.6	12	KURIL ISLANDS
a	21	08	16	34.0	25.540	N	96.657	E	14	G	5.6 5.9	1.2	289	MYANMAR. Mw 5.8 (GS), 5.9 (HRV). Mo=1.7*10**18 Nm (PPT). Two events about 1.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	21	08	44	33.1	31.849	S	72.167	W	14			1.2	21	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	21	08	56	18.6*	22.406	N	142.992	E	207	?	4.5	0.3	17	VOLCANO ISLANDS REGION
	21	09	15	40.9?	37.23	N	24.03	W	10	G		0.2	13	AZORES ISLANDS REGION. MD 4.3 (PDA). Felt (III) on Povoacao, Sao Miguel.
	21	09	29	56.7?	37.07	N	4.18	W	5	G		0.2	4	SPAIN. mbLg 2.5 (MDD).

	21	10	27	01.6?	2.26	S	136.11	E	33	N	4.0 4.4	1.2	11	IRIAN JAYA REGION, INDONESIA
	21	11	55	30.4	42.887	N	145.646	E	51		5.1	0.8	139	HOKKAIDO, JAPAN REGION. Felt (III JMA) at Kushiro; (II JMA) at Nemuro and (I JMA) at Abashiri.
	21	12	29	19.7%	37.107	N	4.130	W	10	G		1.0	8	SPAIN. mbLg 2.0 (MDD).
	21	13	23	07.3%	44.565	N	6.936	E	10	G		0.5	5	FRANCE. ML 1.9 (GEN).
	21	13	57	58.5*	43.360	N	147.929	E	33	N	4.5	1.3	13	KURIL ISLANDS
	21	14	07	36.4?	44.38	N	7.27	E	10	G		0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	21	14	23	28.7%	28.020	S	26.853	E	5	G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	21	14	36	36.8	46.087	N	10.659	E	10	G		0.8	11	NORTHERN ITALY. ML 2.5 (VIE).
	21	14	38	08.3*	31.562	S	68.084	W	33	N		1.3	6	SAN JUAN PROVINCE, ARGENTINA
	21	15	17	13.6%	35.470	N	3.629	W	10	G		0.7	6	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	21	15	56	31.9%	39.140	N	30.341	E	5	G		0.5	5	TURKEY. ML 3.0 (ISK).
	21	16	10	30.0%	44.419	N	6.641	E	5	G		0.4	6	FRANCE. ML 2.0 (GEN).
	21	16	15	13.2%	44.023	N	7.117	E	10	G		0.2	9	NORTHERN ITALY. ML 2.4 (GEN).
	21	16	27	13.2?	36.98	N	28.81	E	10	G		0.5	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	21	16	29	21.8?	36.57	N	3.04	W	5	G		0.8	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	21	16	59	34.8%	44.035	N	7.143	E	10	G		0.3	9	NORTHERN ITALY. ML 2.4 (GEN).
	21	18	48	12.5&	36.243	N	120.804	W	9				33	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.7 (GS), 2.7 (PAS).
	21	18	52	30.9*	5.437	S	147.229	E	176		5.3	1.1	18	EASTERN NEW GUINEA REG., P.N.G.
	21	18	55	16.4	35.902	N	51.884	E	33	N	4.5	1.0	47	NORTHERN IRAN. Felt in the Tehran area.
	21	20	12	18.1?	18.21	N	67.25	W	33	N		0.5	5	MONA PASSAGE
	21	20	32	37.8%	33.147	S	70.297	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	21	20	52	14.0	43.155	N	0.710	W	5	G		0.1	7	PYRENEES. ML 2.2 (LDG).
	21	21	05	36.6	60.194	N	11.122	E	10	G		0.5	8	SOUTHERN NORWAY. MD 2.7 (BER). Felt.
	21	21	32	34.9&	37.643	N	118.954	W	8				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	21	21	35	20.4*	42.914	N	147.804	E	33	N	3.7	1.4	13	OFF COAST OF HOKKAIDO, JAPAN
	21	22	13	37.6*	50.218	N	18.878	E	10	G		1.3	6	POLAND. ML 2.8 (WAR).
	21	23	09	27.5	44.063	N	7.142	E	5	G		0.4	15	NORTHERN ITALY. ML 2.2 (GEN).
	21	23	45	02.3%	43.365	N	7.060	W	10	G		0.8	7	SPAIN. mbLg 3.1 (MDD). Felt (III) at Taramundi.
	22	00	16	38.0*	24.995	N	96.192	E	97	?	4.2	0.9	13	MYANMAR
	22	01	02	17.7*	31.176	S	67.999	W	94	?		0.7	9	SAN JUAN PROVINCE, ARGENTINA
	22	01	09	13.3?	47.79	N	1.81	W	10	G		0.4	5	FRANCE. ML 1.8 (LDG).
	22	01	24	52.1?	42.85	N	147.47	E	33	N	4.8	1.1	14	OFF COAST OF HOKKAIDO, JAPAN
	22	02	44	38.4&	40.310	N	124.690	W	18				26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	22	02	51	53.4	47.115	N	11.321	E	10	G		0.9	22	AUSTRIA. ML 2.4 (FUR), 2.2 (VIE).
	22	03	04	02.7?	39.25	N	27.95	E	10	G		0.7	4	TURKEY. ML 2.8 (ISK).
	22	03	11	31.2*	37.107	S	72.484	W	10	G		0.8	20	CENTRAL CHILE. MD 4.6 (SAN).
	22	03	15	45.2*	30.264	S	69.364	W	33	N		0.4	6	CHILE-ARGENTINA BORDER REGION
	22	03	20	22.8	47.743	N	13.711	E	10	G		0.9	17	AUSTRIA. ML 2.9 (VIE), 2.7 (GRF), 2.7 (FUR).
	22	03	58	43.2&	62.126	N	149.784	W	51				84	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	22	04	16	40.3?	31.45	S	70.44	W	146	?		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	22	04	56	50.0*	1.949	S	102.579	E	236	?	5.1	0.6	20	SOUTHERN SUMATERA, INDONESIA
a	22	05	04	22.0	20.790	S	178.390	W	555	D	5.3	0.9	325	FIJI ISLANDS REGION. Mw 5.4 (HRV).
	22	05	10	06.6&	19.342	N	155.113	W	5				45	HAWAII. <HVO-P>. MD 4.1 (HVO). Felt (V) at Keaau; (IV) at Kurtistown, Ninole, Papaaloa and Papaikou; (III) at Laupahoehoe and Pahala. Also felt at Hakalau, Hilo and Paauilo.
	22	05	19	45.0	51.607	N	16.097	E	10	G		1.2	20	POLAND. ML 3.6 (GRF), 3.4 (VIE).
	22	05	32	38.0	43.497	N	6.457	E	5	G		0.9	13	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 1.6 (STR).
	22	06	18	12.3?	38.06	N	71.83	E	33	N		0.7	12	AFGHANISTAN-TAJIKISTAN BORD REG.
	22	06	31	42.7?	29.03	S	69.45	W	130	G		0.2	7	CHILE-ARGENTINA BORDER REGION
	22	06	38	55.0?	43.03	N	147.97	E	33	N	4.8	1.4	7	KURIL ISLANDS
	22	07	16	33.0*	31.158	S	72.101	W	24			0.8	20	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	22	07	55	15.4	41.458	N	20.166	E	10	G		0.8	21	ALBANIA. ML 3.2 (TTG), 2.9 (THE).
	22	08	07	10.1?	36.73	N	28.76	E	10	G		0.9	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	22	08	39	21.0*	19.886	S	169.650	E	10	G	5.1	1.2	12	VANUATU ISLANDS
	22	09	12	17.4%	41.648	N	23.037	E	10	G		0.7	7	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).
	22	09	26	29.9%	34.092	S	70.018	W	5	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	22	09	53	03.9%	40.652	N	23.018	E	5	G		0.5	5	GREECE. ML 1.5 (THE).
	22	09	55	55.8%	39.672	N	29.581	E	10	G		0.8	5	TURKEY. ML 2.8 (ISK).
	22	10	03	15.3?	34.78	S	70.89	W	100	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	22	10	21	24.3*	43.768	N	8.262	E	5	G		0.6	11	CORSICA. ML 2.2 (GEN).
a	22	11	11	57.7	43.961	N	147.293	E	49	D	5.6 5.1	0.8	417	KURIL ISLANDS. Mw 5.6 (GS), 5.6 (HRV).
	22	11	31	00.6	43.308	N	0.648	W	10	G		1.1	11	PYRENEES. ML 2.7 (LDG). Mining induced.
	22	11	43	59.5?	47.15	N	11.35	E	10	G		0.1	4	AUSTRIA. ML 0.6 (VIE).
	22	12	01	15.9%	28.007	S	26.864	E	5	G		1.2	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	22	12	09	56.8*	14.161	N	96.045	E	33	N	4.6	1.3	17	ANDAMAN ISLANDS, INDIA
a	22	12	19	49.3	23.260	S	69.409	W	67	D	4.9	0.9	58	NORTHERN CHILE. Mw 5.1 (HRV). Felt (IV) at Antofagasta, Calama and Chuquicamata; (III) at Tocopilla.
	22	12	29	10.1	51.525	N	16.107	E	9			0.9	17	POLAND. ML 3.8 (GRF), 3.6 (VIE).
	22	12	34	26.9%	26.368	S	27.523	E	5	G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	22	12	54	45.2?	39.25	N	26.95	E	10	G		0.4	4	TURKEY. ML 2.7 (ISK).
	22	13	00	26.4*	7.778	S	158.057	E	33	N	4.9	0.6	17	SOLOMON ISLANDS
	22	13	14	19.6%	39.686	N	29.420	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).
	22	13	19	14.7%	39.664	N	29.399	E	10	G		0.3	5	TURKEY. ML 2.8 (ISK).
	22	14	13	58.4?	58.43	N	6.28	E	5	G		0.4	4	SOUTHERN NORWAY. MD 2.0 (BER).
	22	14	20	26.2?	40.19	N	29.18	E	5	G		0.6	4	TURKEY. ML 2.8 (ISK).
	22	14	35	29.0*	21.614	S	169.677	E	33	N	4.8	1.3	20	LOYALTY ISLANDS REGION
	22	14	56	07.1%	39.667	N	29.435	E	10	G		1.2	5	TURKEY. ML 2.7 (ISK).
a	22	15	05	02.6	3.235	N	127.922	E	138	*	5.1	0.9	67	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV).
a	22	15	38	35.0	13.661	N	95.689	E	33	N	4.9 4.9	1.0	59	ANDAMAN ISLANDS, INDIA. Mw 5.3 (HRV).
	22	15	48	10.8	50.004	N	19.131	E	10	G		0.7	6	POLAND. ML 3.3 (WAR).
	22	17	10	24.2*	0.230	S	16.211	W	10	G	5.0	0.5	14	NORTH OF ASCENSION ISLAND
	22	17	19	25.6	41.241	N	21.919	E	5	G		0.7	10	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.9 (SKO).
	22	17	57	43.0?	29.82	S	72.33	W	33	N		1.2	12	OFF COAST OF CENTRAL CHILE
a	22	18	10	47.7	1.874	S	136.115	E	33	N	5.2 4.8	1.0	46	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV).
	22	18	23	51.2?	36.64	N	28.78	E	33	N		0.7	4	DODECANESE ISLANDS. ML 3.1 (ISK).
a	22	19	08	12.6	7.764	S	158.296	E	33	N	5.4 5.2	0.8	147	SOLOMON ISLANDS. Mw 5.4 (HRV). Felt (IV) at Tabarato Village, Choiseul.
	22	19	13	34.2	27.992	S	66.434	W	189		4.6	1.2	48	CATAMARCA PROVINCE, ARGENTINA. MD 4.7 (SAN).
	22	19	25	23.1?	39.42	N	30.83	E	5	G		0.3	5	TURKEY. ML 3.0 (ISK).

	22	21	10	52.8?	19.36	S	168.75	E	127	?	5.1		1.1	12	VANUATU ISLANDS
	22	21	23	30.8	43.550	N	127.187	W	10	G	4.6		0.8	107	OFF COAST OF OREGON
	22	21	46	43.2%	37.145	N	4.223	W	10	G			0.2	7	SPAIN. mbLg 2.2 (MDD).
	22	22	04	01.1?	44.18	N	147.12	E	33	N	4.5		0.8	7	KURIL ISLANDS
	22	22	54	32.1?	44.52	N	7.24	E	10	G			0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
	22	23	24	35.1&	63.501	N	151.061	W	10					41	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	23	00	32	14.2%	43.594	N	5.663	E	10	G			0.4	8	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	23	01	15	42.1*	39.571	N	19.737	E	10	G			1.3	14	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 3.1 (THE).
	23	01	40	09.8?	40.38	N	26.21	E	5	G			0.8	4	TURKEY. ML 3.1 (ISK).
	23	01	40	37.6%	16.561	N	61.866	W	33	N			0.5	6	LEEWARD ISLANDS. ML 2.0 (FDF).
	23	01	43	03.7?	16.51	N	61.91	W	33	N			0.9	4	LEEWARD ISLANDS
	23	02	11	34.7	43.166	N	147.587	E	33	N	5.0		0.9	87	KURIL ISLANDS
	23	02	43	04.7	38.395	N	21.679	E	5	G			0.8	19	GREECE. ML 3.4 (THE), 3.3 (ATH).
	23	03	11	13.7?	39.26	N	29.03	E	5	G			0.2	4	TURKEY. ML 2.7 (ISK).
	23	03	12	32.3%	44.234	N	6.545	E	5	G			0.4	10	FRANCE. ML 2.1 (GEN).
	23	04	04	49.7	43.755	N	147.443	E	50		5.1		0.8	138	KURIL ISLANDS
	23	04	15	49.3*	39.410	N	19.660	E	5	G			1.4	13	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.9 (THE).
	23	04	24	29.2?	8.14	S	122.10	E	191	?	5.0		0.6	11	FLORES REGION, INDONESIA
	23	04	25	33.8	47.825	N	7.199	E	10	G			0.2	6	SWITZERLAND. ML 2.1 (LDG).
	23	05	09	44.1*	37.663	S	175.941	E	181	?	5.2		0.9	20	NORTH ISLAND, NEW ZEALAND
a	23	05	25	25.1	10.254	N	122.357	E	27	D	4.9	4.4	0.9	48	PANAY, PHILIPPINE ISLANDS. Mw 5.1 (HRV).
	23	05	26	17.5?	43.70	N	147.78	E	33	N	4.0		1.3	9	KURIL ISLANDS
	23	05	45	55.5	39.306	N	20.615	E	10	G			0.9	12	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 3.0 (THE).
a	23	05	56	51.2*	53.070	S	159.456	E	10	G	5.1		1.2	13	MACQUARIE ISLANDS REGION. Mw 5.5 (HRV).
	23	06	01	04.0?	34.88	S	71.03	W	100	G			0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	23	09	13	24.6%	36.274	N	4.363	W	10	G			1.1	6	STRAIT OF GIBRALTAR
	23	09	21	09.2	12.251	N	143.883	E	33	N	5.0		0.3	14	SOUTH OF MARIANA ISLANDS
	23	09	28	51.9?	17.70	S	178.72	W	568	*	4.2		1.2	13	FIJI ISLANDS REGION
	23	10	47	44.5*	59.576	N	26.771	E	5	G			0.8	5	BALTICS-BELARUS-NW RUSSIA REG. ML 2.5 (NAO).
	23	11	14	47.0?	39.63	N	29.43	E	5	G			0.3	4	TURKEY. ML 2.8 (ISK).
	23	12	08	35.0*	68.869	N	29.727	E	10	G			1.2	5	FINLAND-RUSSIA BORDER REGION. ML 2.5 (NAO).
	23	13	19	51.2?	39.65	N	29.42	E	10	G			1.5	4	TURKEY. ML 2.8 (ISK).
	23	13	39	58.0?	41.36	N	22.48	E	10	G			0.7	6	NORTHWESTERN BALKAN REGION. ML 1.6 (THE), 1.3 (SKO).
	23	13	57	59.4	22.492	S	67.468	W	174		4.9		1.3	43	CHILE-BOLIVIA BORDER REGION
	23	14	37	38.3	41.180	N	21.981	E	5	G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.4 (THE), 1.9 (SKO).
	23	14	41	43.2&	61.673	N	149.497	W	31					74	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR). Felt (III) at Palmer; (II) at Chugiak and Eagle River.
	23	15	22	30.2*	0.867	N	125.991	E	73	?	5.1		0.9	25	NORTHERN MOLUCCA SEA
	23	16	12	03.3%	36.819	N	28.908	E	10	G			0.3	6	DODECANESE ISLANDS. ML 3.6 (ISK).
	23	16	29	11.5?	36.65	N	28.68	E	33	N			0.5	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	23	16	30	48.9	39.500	N	111.520	W	5	G			0.9	14	UTAH. ML 3.3 (GS). Felt (III) at Chester, Spring City and Wales. Also felt at Ephraim.
	23	16	50	14.4?	36.95	N	28.92	E	5	G			0.6	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	23	18	06	07.5%	16.859	N	61.620	W	10	G			0.5	7	LEEWARD ISLANDS. ML 2.6 (FDF).
	23	18	09	21.8	46.587	N	6.812	E	7				0.8	23	SWITZERLAND. ML 2.5 (LDG).
	23	18	26	40.7?	36.68	N	28.72	E	33	N			0.2	4	DODECANESE ISLANDS. ML 3.3 (ISK).
	23	18	37	53.9	36.184	N	99.022	E	33	N	4.7	4.3	1.3	28	QINGHAI, CHINA
	23	19	09	52.5?	35.88	N	141.20	E	33	N			1.1	7	NEAR EAST COAST OF HONSHU, JAPAN
a	23	19	10	26.6	7.016	S	156.676	E	23	D	5.4	4.7	1.0	77	SOLOMON ISLANDS. Mw 5.3 (HRV). Felt (V) at Tabarato Village, Choiseul.
	23	19	11	57.3?	40.86	N	28.73	E	5	G			0.1	4	TURKEY. ML 2.6 (ISK).
	23	19	18	29.5%	28.361	S	67.423	W	140	G			0.2	6	LA RIOJA PROVINCE, ARGENTINA
	23	19	36	04.6%	33.151	S	70.296	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	23	19	39	37.9?	42.99	N	146.63	E	33	N	4.8		1.1	5	OFF COAST OF HOKKAIDO, JAPAN
	23	19	48	40.5&	61.145	N	149.973	W	48					76	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.5 (PMR). Felt (IV) at Eagle River; (III) at Anchorage and Fort Richardson; (II) at Palmer.
	23	20	42	20.8	9.220	S	106.785	E	33	N	5.4		0.7	28	SOUTH OF JAWA, INDONESIA
	23	20	53	29.0%	31.978	S	116.735	E	10	G			0.2	6	WESTERN AUSTRALIA
a	23	21	47	04.2	54.615	N	161.518	E	33	D	5.2		0.8	170	NEAR EAST COAST OF KAMCHATKA. Mw 5.0 (HRV).
	23	22	05	03.4?	31.99	S	116.73	E	10	G			0.4	4	WESTERN AUSTRALIA
	23	22	28	25.8%	44.265	N	8.226	E	10	G			0.3	5	NORTHERN ITALY. ML 1.7 (GEN).
	23	22	30	47.8?	43.69	N	6.43	E	10	G			0.5	4	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	23	22	46	00.8?	31.98	S	116.71	E	10	G			0.2	4	WESTERN AUSTRALIA
	23	23	30	48.6?	31.99	S	116.72	E	10	G			0.1	4	WESTERN AUSTRALIA
	23	23	43	30.0&	34.051	N	116.735	W	12					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	23	47	06.8*	10.445	N	122.551	E	33	N	4.8		1.3	13	PANAY, PHILIPPINE ISLANDS
	24	00	17	36.7?	47.21	N	11.27	E	5	G			0.2	4	AUSTRIA. ML 0.8 (VIE).
	24	00	56	24.2?	42.52	N	144.90	E	54	?	4.7		0.6	9	HOKKAIDO, JAPAN REGION
	24	01	34	36.7?	39.17	N	27.81	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	24	02	47	06.3%	34.041	S	70.200	W	10	G			0.9	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	03	02	40.4?	39.66	N	27.68	E	10	G			0.5	4	TURKEY. ML 2.6 (ISK).
	24	03	05	24.0*	21.871	N	120.877	E	33	N	4.5	3.9	1.4	7	TAIWAN REGION
	24	03	19	46.9*	44.237	N	17.571	E	5	G			1.0	11	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	24	03	46	36.8?	37.48	N	72.28	E	33	N	5.2		0.7	7	TAJIKISTAN
	24	05	08	02.4*	31.496	S	69.225	W	119	?			0.6	9	SAN JUAN PROVINCE, ARGENTINA
	24	05	19	53.3%	26.892	S	26.687	E	5	G			0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	24	06	00	38.3*	7.313	S	156.376	E	33	N	5.4		0.8	21	SOLOMON ISLANDS
	24	06	43	32.1&	35.390	N	119.372	W	6	G				69	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (BRK), 3.6 (GS). Felt (IV) at Buttonwillow, (III) at Fellows and (II) at Bakersfield.
	24	06	55	13.6?	39.47	N	25.80	E	10	G			0.2	5	AEGEAN SEA. ML 3.4 (ISK).
	24	06	58	54.6*	38.228	N	21.538	E	10	G			1.6	5	GREECE. MD 3.0 (ATH).
	24	07	14	57.9	38.365	N	21.745	E	5	G			1.3	10	GREECE. MD 3.4 (ATH).
	24	07	21	18.9%	21.747	S	67.114	W	200	G			0.3	5	CHILE-BOLIVIA BORDER REGION
	24	08	03	23.5	9.903	N	122.419	E	115	*	4.9		0.8	19	NEGROS, PHILIPPINE ISLANDS
	24	08	49	21.3?	31.20	S	68.52	W	72	?			0.7	5	SAN JUAN PROVINCE, ARGENTINA
	24	09	09	00.8?	39.23	N	27.20	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).
	24	09	18	01.9	16.026	N	61.410	W	10	G			0.1	4	LEEWARD ISLANDS. ML 1.7 (FDF).
	24	09	27	38.4	46.265	N	2.742	E	10	G			0.3	14	FRANCE. ML 2.2 (LDG).

	24	09	42	44.2?	3.86	S	101.02	E	33	N			0.5	5	SOUTHERN SUMATERA, INDONESIA
	24	09	55	48.5	43.850	N	147.422	E	40		4.8	4.0	0.9	95	KURIL ISLANDS. Felt (IV) on Shikotan and (III) at Kurilsk.
	24	09	59	34.0%	43.136	N	0.450	W	5	G			0.4	5	PYRENEES. ML 1.0 (STR).
	24	10	09	44.9	10.490	S	122.640	E	33	N	5.0		1.0	12	SAVU SEA
	24	10	15	54.2?	39.96	N	28.84	E	5	G			0.1	4	TURKEY. ML 2.6 (ISK).
	24	10	24	39.4*	45.150	N	28.408	E	10	G			0.8	7	UKRAINE-MOLDOVA-SW RUSSIA REGION
a	24	10	38	49.2	12.950	N	121.373	E	62	*	5.3		0.9	57	MINDORO, PHILIPPINE ISLANDS. Mw 5.1 (HRV).
	24	10	51	39.3%	39.677	N	29.449	E	10	G			0.2	5	TURKEY. ML 2.8 (ISK).
	24	11	03	40.9&	60.328	N	151.164	W	41					50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	11	06	00.6%	40.383	N	28.295	E	5	G			0.1	8	TURKEY. ML 2.8 (ISK).
	24	11	22	06.8?	47.21	N	11.27	E	5	G			0.2	4	AUSTRIA. ML 1.0 (VIE).
	24	12	22	30.1&	38.812	N	122.801	W	2					10	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	24	12	31	46.9?	39.71	N	29.44	E	10	G			0.6	6	TURKEY. ML 2.9 (ISK).
	24	13	18	18.0&	58.453	N	154.214	W	87					43	ALASKA PENINSULA. <AEIC>.
a	24	13	21	15.5	5.294	S	150.461	E	142	D	5.5		0.8	173	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV).
	24	13	48	27.6&	38.777	N	119.727	W	9					19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
	24	14	04	52.9%	15.741	N	99.101	W	33	N			0.6	6	OFF COAST OF GUERRERO, MEXICO
	24	14	05	56.7?	39.32	N	29.50	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).
	24	14	16	43.1?	31.65	S	69.78	W	152	?			0.2	7	SAN JUAN PROVINCE, ARGENTINA
	24	14	41	25.2?	31.98	S	116.72	E	10	G			0.3	4	WESTERN AUSTRALIA
	24	15	12	38.1?	16.18	N	61.68	W	120	G			0.6	7	LEEWARD ISLANDS
	24	16	15	14.3	38.337	N	21.817	E	5	G			1.3	23	GREECE. ML 3.5 (ATH).
	24	16	21	49.4	38.359	N	21.769	E	5	G			1.2	10	GREECE. ML 3.1 (ATH).
	24	16	34	35.4?	4.97	S	125.30	E	461	?			0.4	6	BANDA SEA
	24	17	17	53.7%	27.993	S	26.792	E	5	G			1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	24	17	35	09.5?	47.71	S	102.79	E	10	G	4.9	4.7	0.9	14	SOUTHEAST INDIAN RIDGE
	24	18	01	02.2?	47.55	N	14.86	E	10	G			0.1	4	AUSTRIA. ML 3.0 (VIE).
	24	18	44	53.7?	50.46	N	18.76	E	10	G			0.0	4	POLAND. MG 2.8 (WAR).
	24	18	53	39.6?	47.29	N	11.31	E	5	G			0.0	4	AUSTRIA. ML 0.8 (VIE).
	24	18	54	07.8?	18.67	N	66.46	W	67	?			0.2	9	PUERTO RICO REGION. MD 3.0 (MPR).
a	24	19	42	44.6	13.099	S	167.100	E	218	D	5.6		0.9	212	VANUATU ISLANDS. Mw 5.4 (HRV).
	24	20	01	11.7	40.267	N	22.756	E	10	G			0.3	8	GREECE. ML 1.6 (THE).
	24	20	03	21.2%	31.970	S	116.723	E	10	G			0.7	6	WESTERN AUSTRALIA
	24	21	15	42.0?	44.46	N	8.46	E	5	G			0.4	4	NORTHERN ITALY. ML 1.9 (GEN).
	24	21	17	33.8	43.865	N	6.398	E	5	G			0.7	61	NEAR SOUTH COAST OF FRANCE. ML 3.6 (GEN), 3.5 (LDG), 3.1 (STR).
	24	21	35	50.1?	42.92	N	147.98	E	33	N	4.4		0.6	12	OFF COAST OF HOKKAIDO, JAPAN
	24	22	00	28.3?	3.62	S	142.37	E	25	*	4.6		1.0	8	NEAR N COAST OF NEW GUINEA, PNG.
	24	22	17	24.8?	44.14	N	146.69	E	33	N	5.1		0.7	9	KURIL ISLANDS
	24	22	24	02.8	42.253	N	71.064	E	33	N	4.6		0.9	23	KYRGYZSTAN
	24	22	34	32.6*	33.537	S	70.830	W	102	*			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	24	23	00	01.1	47.876	N	7.568	E	10	G			0.8	14	SWITZERLAND. ML 2.3 (LDG), 1.8 (STR).
	24	23	37	41.1	44.524	N	7.461	E	12				0.6	26	NORTHERN ITALY. ML 2.8 (GEN), 2.6 (LDG).
	24	23	46	39.7*	46.639	N	13.680	E	5	G			1.4	6	AUSTRIA. MD 2.4 (LJU). ML 2.1 (VIE).
	25	00	21	58.2&	34.789	N	116.301	W	4					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	25	00	35	07.8	40.641	N	19.856	E	5	G			0.8	24	ALBANIA. ML 3.4 (TTG), 3.3 (THE), 3.0 (SKO). MD 3.4 (ATH).
	25	00	45	49.9?	37.06	N	28.82	E	10	G			1.0	4	TURKEY. ML 3.1 (ISK).
	25	02	05	44.1	50.273	N	18.869	E	10	G			0.6	7	POLAND. MG 2.9 (WAR).
	25	02	11	43.6*	43.202	N	0.458	W	10	G			0.2	6	PYRENEES. ML 2.1 (LDG).
	25	02	17	38.0	40.584	N	21.236	E	5	G			0.9	14	GREECE. ML 2.9 (THE).
	25	02	30	17.0*	43.202	N	0.449	W	10	G			0.2	6	PYRENEES. ML 2.6 (LDG).
	25	03	05	22.4	33.976	S	70.123	W	10	G			0.4	9	CHILE-ARGENTINA BORDER REGION
	25	03	18	46.4	40.746	N	21.344	E	10	G			1.0	11	GREECE. ML 2.7 (THE), 2.2 (SKO).
	25	05	33	17.3	34.651	N	4.575	W	78		4.4		1.1	155	MOROCCO. MD 4.2 (MDD), 4.1 (SFS).
	25	06	06	54.9?	34.11	S	69.91	W	5	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	25	06	27	01.6?	11.00	N	62.11	W	80	G			0.2	5	WINDWARD ISLANDS. MD 3.5 (TRN).
	25	07	07	55.3	44.436	N	114.193	W	5	G			0.4	9	WESTERN IDAHO. ML 2.7 (BUT). Felt at Challis.
	25	07	22	52.2%	28.059	S	26.866	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	25	07	25	32.2&	59.737	N	152.600	W	91		3.1			59	SOUTHERN ALASKA. <AEIC>.
	25	07	30	06.0*	51.380	N	16.278	E	10	G			1.0	7	POLAND
	25	07	36	33.8*	45.565	N	20.950	E	10	G			1.4	5	NORTHWESTERN BALKAN REGION
	25	08	08	44.8%	26.393	S	27.346	E	5	G			1.2	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	25	08	15	13.3%	40.212	N	28.040	E	5	G			0.4	5	TURKEY. ML 2.8 (ISK).
	25	08	17	26.3&	31.497	N	114.421	W	16					5	GULF OF CALIFORNIA. <ECX-P>. MD 3.5 (ECX).
a	25	08	49	50.0	43.809	N	149.012	E	61	D	5.4		0.9	212	EAST OF KURIL ISLANDS. Mw 5.2 (HRV).
	25	10	34	15.9%	39.954	N	28.918	E	10	G			0.4	8	TURKEY. ML 2.8 (ISK).
	25	10	49	59.3	46.112	N	0.207	W	5	G			1.0	14	FRANCE. ML 2.8 (LDG), 2.7 (STR).
	25	10	52	22.7%	26.239	S	27.722	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	25	11	36	50.1?	34.03	S	70.65	W	100	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	25	11	36	58.6?	39.64	N	29.48	E	5	G			0.3	4	TURKEY. ML 2.7 (ISK).
	25	11	47	04.8&	62.783	N	149.645	W	74					85	CENTRAL ALASKA. <AEIC>.
	25	11	47	46.6*	63.278	N	27.067	E	5	G			0.5	5	FINLAND. ML 2.3 (NAO).
	25	12	42	04.3*	15.197	N	123.906	E	33	N	4.6		1.2	10	PHILIPPINE ISLANDS REGION
	25	12	51	40.5%	34.377	S	70.405	W	10	G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	25	12	55	47.4?	39.18	N	27.35	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).
	25	13	18	40.7	15.033	N	123.785	E	22	D	5.1		0.8	59	PHILIPPINE ISLANDS REGION
	25	13	30	58.4?	36.67	N	28.92	E	5	G			0.5	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	25	13	43	15.1?	39.65	N	29.48	E	10	G			0.3	4	TURKEY. ML 2.8 (ISK).
	25	14	22	12.3*	17.660	S	73.246	W	10	G	4.8		1.3	8	OFF COAST OF PERU
	25	14	32	13.1%	33.196	S	70.346	W	5	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	25	16	01	31.4%	40.902	N	28.517	E	10	G			0.7	5	TURKEY. ML 2.7 (ISK).
	25	16	14	09.4*	31.403	S	69.236	W	85	?			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	25	16	25	27.5&	63.061	N	150.951	W	118					42	CENTRAL ALASKA. <AEIC>.
	25	16	57	33.6*	31.306	S	68.967	W	85	?			0.1	7	SAN JUAN PROVINCE, ARGENTINA
	25	17	10	29.1	53.114	N	1.185	W	5	G			0.5	7	UNITED KINGDOM. ML 2.1 (BGS). Felt (III) at Mansfield. Mining induced.
	25	17	28	13.1%	37.583	N	2.357	W	10	G			1.1	5	SPAIN. mbLg 2.6 (MDD).
	25	17	30	09.4	38.633	N	24.103	E	5	G			1.0	14	AEGEAN SEA. ML 3.2 (ATH), 2.9 (THE).
	25	17	31	38.9%	26.433	S	27.358	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	25	18	36	01.1&	64.558	N	150.137	W	18					42	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).

	25	18	39	30.3	31.346	S	68.794	W	124	*			1.0	20	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	25	18	52	57.7*	19.622	N	97.330	W	20	*			1.1	9	VERACRUZ, MEXICO
	25	18	59	28.5	46.173	N	7.212	E	5	G			0.6	11	SWITZERLAND. ML 2.5 (LDG).
	25	19	12	57.5?	34.80	N	142.53	E	33	N	4.9		0.5	9	OFF EAST COAST OF HONSHU, JAPAN
	25	19	16	48.7	41.808	N	20.182	E	5	G			0.5	12	ALBANIA. ML 3.2 (TTG), 2.6 (SKO).
	25	19	50	57.5&	63.674	N	149.397	W	117					48	CENTRAL ALASKA. <AEIC>.
	25	21	02	08.2	21.509	N	93.270	E	33	N	4.7		1.0	36	MYANMAR
	25	21	07	18.6%	59.600	N	5.558	E	0	G			0.3	6	SOUTHERN NORWAY. MD 1.5 (BER).
	25	21	19	24.8%	16.705	N	62.153	W	10	G			0.3	7	LEEWARD ISLANDS
	25	21	23	51.6%	33.834	S	70.919	W	70	G			0.2	10	CHILE-ARGENTINA BORDER REGION
	25	22	12	04.8?	37.53	N	29.97	E	10	G			0.7	4	TURKEY. ML 3.0 (ISK).
	25	22	32	08.0&	34.125	N	116.425	W	7					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	25	23	14	34.6?	36.55	N	2.49	W	10	G			0.4	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	25	23	38	10.0%	38.086	N	27.156	E	10	G			0.8	5	TURKEY. ML 3.1 (ISK).
	25	23	45	40.0*	37.769	N	25.490	W	10	G			1.2	6	AZORES ISLANDS
	26	02	12	42.0	4.651	S	80.837	W	37	D	5.0		0.8	116	PERU-ECUADOR BORDER REGION. Felt (IV) at Piura, Sullana and Talara, Peru.
	26	03	08	15.2&	40.585	N	124.089	W	26					5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	26	03	38	56.2	12.248	N	141.528	E	33	N	4.3	4.2	1.0	15	SOUTH OF MARIANA ISLANDS
	26	04	11	23.8*	27.659	S	177.356	W	33	N	4.7		0.8	9	KERMADEC ISLANDS REGION
a	26	04	48	03.2	2.889	N	79.494	W	10	G	5.1	4.5	0.9	164	SOUTH OF PANAMA. Mw 5.3 (HRV).
	26	05	37	09.7	34.013	S	70.127	W	10	G			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
a	26	06	11	10.2	20.126	S	169.126	E	36	D	5.8	5.4	1.1	259	VANUATU ISLANDS. Mw 5.7 (HRV). Ms 5.4 (BRK).
	26	06	27	02.9%	44.486	N	7.271	E	10	G			0.2	7	NORTHERN ITALY. ML 1.8 (GEN).
	26	07	39	38.7?	36.29	N	27.00	E	130	G			0.8	4	DODECANESE ISLANDS
	26	07	50	44.6	18.628	N	106.297	W	33	N	4.4	4.7	1.0	38	OFF COAST OF JALISCO, MEXICO
	26	07	57	14.6&	60.358	N	142.986	W	0					13	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	26	08	13	31.3*	2.908	N	128.386	E	66	?	5.0	4.2	1.3	24	HALMAHERA, INDONESIA
	26	08	19	39.3*	31.482	S	68.085	W	35	?			0.9	7	SAN JUAN PROVINCE, ARGENTINA
	26	08	28	47.7%	38.125	N	2.435	W	10	G			1.2	9	SPAIN. mbLg 2.9 (MDD).
	26	08	53	31.3&	61.241	N	149.460	W	43					36	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	26	09	19	05.9&	58.822	N	154.645	W	116					57	ALASKA PENINSULA. <AEIC>.
	26	09	51	02.1%	37.666	N	4.662	W	10	G			1.0	6	SPAIN. mbLg 2.5 (MDD).
	26	10	03	10.7?	29.81	S	117.00	E	10	G			0.3	4	WESTERN AUSTRALIA
	26	10	06	59.6?	61.88	N	3.62	E	5	G			0.8	6	NORWEGIAN SEA. MD 2.4 (BER).
	26	10	26	35.0?	39.66	N	29.26	E	10	G			0.9	4	TURKEY. ML 2.7 (ISK).
	26	10	49	41.6?	36.70	N	3.60	W	10	G			0.5	5	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	26	11	13	11.1&	60.582	N	149.812	W	34					51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	26	11	17	34.1	24.329	N	122.376	E	33	N	5.3	4.8	1.2	59	TAIWAN REGION. Felt in northern Taiwan.
a	26	11	21	00.8	0.147	N	123.681	E	199		5.2		1.1	90	MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
	26	12	07	44.2&	60.382	N	148.308	W	17					77	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC), 3.5 (PMR).
	26	12	16	13.1*	44.071	N	146.436	E	33	N	4.8		0.9	12	KURIL ISLANDS
	26	12	31	48.4	57.340	N	150.680	W	10	G			0.6	39	GULF OF ALASKA. ML 3.1 (AEIC).
	26	13	55	57.4?	6.26	S	130.11	E	161	?	4.4		1.2	6	BANDA SEA
	26	14	16	04.4%	31.834	S	116.923	E	10	G			0.8	6	WESTERN AUSTRALIA
	26	14	33	24.9	41.204	N	21.987	E	5	G			0.4	11	NORTHWESTERN BALKAN REGION. ML 2.0 (THE), 2.0 (SKO).
	26	14	39	09.3	39.626	N	23.428	E	10	G			0.7	12	AEGEAN SEA. ML 2.6 (THE).
	26	14	50	50.9%	28.536	N	34.898	E	10	G			0.5	7	EGYPT. MD 2.7 (RYD).
	26	15	10	47.6*	71.946	N	4.846	W	10	G	4.6		0.9	51	JAN MAYEN ISLAND REGION
	26	16	21	34.9%	47.688	N	4.121	E	10	G			1.2	9	FRANCE. ML 2.3 (LDG).
	26	17	30	55.8?	36.70	N	28.46	E	33	N			0.7	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	26	17	50	18.4*	45.091	N	127.808	W	10	G			0.4	31	OFF COAST OF OREGON
	26	18	04	34.1*	31.615	S	69.310	W	110	?			0.8	9	SAN JUAN PROVINCE, ARGENTINA
	26	18	28	17.7?	36.89	N	28.84	E	5	G			0.5	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	26	19	22	14.8	41.754	N	25.269	E	10	G			1.1	33	GREECE-BULGARIA BORDER REGION. ML 3.6 (ISK), 3.4 (THE). MD 3.5 (ATH). Felt (IV) in the Kurdzhali area, Bulgaria.
	26	19	27	34.6?	18.30	N	66.52	W	10	G			0.3	4	PUERTO RICO REGION. MD 2.3 (MPR).
	26	19	59	36.9&	62.080	N	152.980	W	10					60	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
	26	20	57	32.4?	17.95	S	167.21	E	33	N	4.1		0.3	4	VANUATU ISLANDS
	26	21	18	16.4?	6.90	S	147.42	E	73	*	4.5		0.4	7	EASTERN NEW GUINEA REG., P.N.G.
	26	21	44	08.2%	39.493	N	28.298	E	10	G			0.8	5	TURKEY. ML 2.7 (ISK).
	26	22	11	48.0	39.284	N	28.056	E	10	G			0.7	10	TURKEY. MD 3.4 (ATH). ML 3.3 (ISK).
	26	22	12	14.2?	19.39	N	66.25	W	33	N			0.1	12	PUERTO RICO REGION. MD 3.8 (MPR).
	26	22	14	22.4	31.434	S	68.681	W	17				0.3	9	SAN JUAN PROVINCE, ARGENTINA. Felt (III) at San Juan.
	26	22	31	44.2?	36.91	N	28.83	E	10	G			0.6	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	27	01	22	50.0?	35.06	S	71.15	W	100	G			0.4	8	CENTRAL CHILE. MD 3.5 (SAN).
	27	01	30	46.5?	38.86	N	72.10	E	33	N	4.2		1.3	11	TAJIKISTAN
	27	01	31	05.9?	37.01	N	28.94	E	5	G			0.9	4	TURKEY. ML 3.0 (ISK).
	27	02	38	28.6	36.986	N	28.978	E	5	G			0.9	10	DODECANESE ISLANDS. MD 3.8 (ATH). ML 3.6 (ISK).
	27	02	46	06.2?	40.74	N	27.60	E	5	G			1.1	4	TURKEY. ML 2.7 (ISK).
	27	05	08	24.7*	11.106	S	114.093	E	33	N	3.9		1.2	6	SOUTH OF BALI, INDONESIA
	27	05	24	53.6	21.495	S	66.606	W	233		4.6		1.4	36	SOUTHERN BOLIVIA
	27	05	30	04.6%	17.934	N	66.252	W	33	N			0.5	10	PUERTO RICO REGION. MD 2.6 (MPR).
	27	05	56	05.5	43.665	N	147.674	E	33	N	4.5		0.7	26	KURIL ISLANDS
	27	06	30	00.5	36.304	N	113.557	W	5	G			0.6	16	WESTERN ARIZONA. ML 3.4 (GS).
	27	06	32	58.9?	39.36	N	28.50	E	5	G			0.1	4	TURKEY. ML 2.9 (ISK).
	27	06	48	03.0?	46.08	N	7.16	E	10	G			0.9	5	SWITZERLAND. ML 1.9 (LDG).
	27	07	15	33.7%	33.886	S	70.762	W	80	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	27	07	26	25.0?	38.33	N	14.69	E	10	G			1.3	13	SICILY
	27	07	53	43.0%	39.270	N	23.912	E	10	G			0.2	7	AEGEAN SEA. ML 2.7 (THE).
	27	07	58	50.0*	15.371	N	61.109	W	145	?			0.3	11	LEEWARD ISLANDS
	27	08	22	40.9?	17.97	N	65.43	W	5	G			0.5	8	PUERTO RICO REGION. MD 3.1 (MPR).
	27	08	40	38.8	2.970	N	79.434	W	33	N	4.6		0.7	29	SOUTH OF PANAMA
	27	10	10	21.9*	22.464	S	65.920	W	260	*	4.2		0.9	9	JUJUY PROVINCE, ARGENTINA
	27	10	20	38.0&	61.283	N	145.205	W	22					44	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	27	10	51	00.5?	28.67	S	178.04	E	178	?	3.9		0.7	6	KERMADEC ISLANDS REGION
	27	11	10	53.4	36.332	N	113.597	W	5	G			0.8	13	WESTERN ARIZONA. ML 3.5 (GS).
	27	11	28	37.4%	26.943	S	26.715	E	5	G			1.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	27	11	31	56.7%	16.708	N	62.158	W	10	G			0.4	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	27	11	39	31.7*	20.234	S	178.510	W	344	?	4.6		1.0	59	FIJI ISLANDS REGION
	27	11	56	52.8?	39.20	N	27.25	E	5	G			0.5	4	TURKEY. ML 2.8 (ISK).

	27	12 01	07.1%	40.049	N	21.634	E	10	G		0.6	7	GREECE. ML 2.1 (THE).
	27	12 31	54.1%	16.689	N	62.128	W	5	G		0.7	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	27	12 36	14.2*	36.324	N	113.377	W	5	G		0.5	9	WESTERN ARIZONA. ML 3.0 (GS).
	27	12 55	40.2%	16.699	N	62.129	W	5	G		0.6	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	27	13 19	19.2?	16.77	N	62.11	W	5	G		0.2	4	LEEWARD ISLANDS. ML 2.8 (FDF).
	27	14 00	49.2?	45.78	N	0.19	W	10	G		0.3	4	FRANCE. ML 2.1 (LDG).
	27	14 08	23.2%	33.472	S	70.769	W	73	?		0.3	10	CHILE-ARGENTINA BORDER REGION
	27	15 18	16.3%	34.074	S	70.020	W	5	G		0.2	10	CHILE-ARGENTINA BORDER REGION
	27	15 37	30.4?	16.94	N	62.11	W	5	G		0.1	4	LEEWARD ISLANDS. ML 2.5 (FDF).
	27	15 54	14.0	5.478	S	101.772	E	33	N	4.6	0.6	12	SOUTHWEST OF SUMATERA, INDONESIA
	27	16 16	14.2	40.586	N	26.087	E	10	G		0.7	17	TURKEY. ML 3.4 (ISK).
	27	17 17	34.8*	15.744	S	168.008	E	33	N	4.3	1.0	18	VANUATU ISLANDS
	27	17 23	41.6?	8.06	N	82.86	W	10	G		0.2	4	PANAMA-COSTA RICA BORDER REGION. MD 3.8 (UPA).
	27	17 51	11.7?	2.45	N	84.48	W	33	N	4.3	1.1	11	OFF COAST OF CENTRAL AMERICA
	27	17 59	30.9*	16.835	S	167.664	E	10	G		1.0	9	VANUATU ISLANDS
	27	18 00	34.5?	18.08	N	101.09	W	33	N		0.7	6	GUERRERO, MEXICO
	27	18 02	24.0?	46.08	N	12.61	E	10	G		0.5	6	NORTHERN ITALY
a	27	18 27	08.0	5.768	N	119.324	E	27	D	5.4 4.9	1.3	70	SULU ARCHIPELAGO. Mw 5.5 (HRV).
	27	18 28	56.3	43.707	N	147.452	E	33	N	5.0	0.9	55	KURIL ISLANDS
	27	18 45	22.8?	36.22	N	28.62	E	33	N		0.3	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	27	19 04	53.3%	39.413	N	28.282	E	10	G		0.5	6	TURKEY. ML 2.9 (ISK).
	27	19 21	41.8	40.586	N	25.972	E	10	G		1.1	11	AEGEAN SEA. ML 3.2 (ISK).
	27	19 31	39.4?	41.75	N	23.35	E	5	G		0.1	4	GREECE-BULGARIA BORDER REGION. ML 2.0 (THE).
	27	21 18	41.5	37.747	N	67.788	E	33	N	4.6	1.2	30	AFGHANISTAN-TAJIKISTAN BORD REG.
	27	21 50	04.6?	36.60	N	28.76	E	33	N		0.6	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	27	22 08	24.5?	40.63	N	28.93	E	5	G		0.2	4	TURKEY. ML 2.5 (ISK).
	27	22 12	54.5?	44.45	N	6.38	E	10	G		0.3	5	FRANCE. ML 2.1 (GEN).
	27	22 58	11.0?	39.15	N	29.01	E	5	G		0.0	4	TURKEY. ML 2.8 (ISK).
	27	23 49	00.7%	41.255	N	23.313	E	10	G		0.3	6	GREECE-BULGARIA BORDER REGION
	28	01 12	42.8*	28.100	S	67.415	W	135	?		0.6	10	LA RIOJA PROVINCE, ARGENTINA
	28	01 15	51.2%	39.151	N	29.022	E	10	G		0.3	6	TURKEY. ML 2.8 (ISK).
	28	01 55	22.2	33.445	S	70.972	W	71	?		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	28	02 37	46.8*	19.588	S	169.175	E	142	*	4.9	1.0	25	VANUATU ISLANDS
	28	02 45	14.9&	59.923	N	152.523	W	83				69	SOUTHERN ALASKA. <AEIC>.
	28	02 47	33.7?	19.14	S	173.08	W	68	?	4.5	0.3	7	TONGA ISLANDS
	28	03 31	00.2*	40.063	N	23.867	E	10	G		0.8	9	GREECE. ML 2.0 (THE).
	28	03 59	53.1	37.445	N	88.915	E	33	N	4.9	0.9	66	SOUTHERN XINJIANG, CHINA
	28	05 12	32.9?	43.36	N	147.86	E	33	N	4.2	1.5	7	KURIL ISLANDS
	28	05 29	09.8	26.470	S	27.415	E	5	G		0.8	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.1 (BUL). ML 2.8 (PRE).
	28	06 00	30.7&	60.123	N	152.826	W	98				44	SOUTHERN ALASKA. <AEIC>.
	28	06 42	54.2%	17.958	N	67.026	W	33	N		0.3	6	MONA PASSAGE. MD 2.5 (MPR).
	28	06 49	52.0?	35.01	S	70.99	W	100	G		0.2	7	CHILE-ARGENTINA BORDER REGION
	28	07 30	18.4	38.539	N	1.218	W	10	G		1.2	31	SPAIN. mbLg 3.4 (MDD). Felt (III) at Jumilla.
	28	07 48	16.1?	32.33	S	71.68	W	10	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	28	07 59	44.8?	18.27	N	66.32	W	10	G		0.6	4	PUERTO RICO REGION. MD 2.2 (MPR).
	28	08 15	40.8?	39.33	N	27.40	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
	28	08 28	12.4?	39.15	N	27.56	E	10	G		0.7	4	TURKEY. ML 2.8 (ISK).
	28	08 28	14.1	44.329	N	6.652	E	10	G		0.5	25	FRANCE. ML 2.8 (GEN), 2.8 (LDG).
	28	09 50	55.9	49.755	N	8.415	E	10	G		1.4	14	GERMANY. ML 2.8 (LDG), 2.4 (BNS).
	28	10 13	35.7%	44.620	N	6.902	E	10	G		0.3	11	FRANCE. ML 2.7 (GEN).
	28	10 39	45.0&	40.423	N	125.681	W	24				42	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.5 (GS), 3.4 (BRK).
	28	11 15	47.6	55.552	N	164.691	E	33	N	5.2	0.6	23	KOMANDORSKY ISLANDS REGION
	28	12 02	14.0%	36.723	N	28.983	E	10	G		0.4	5	DODECANESE ISLANDS. ML 3.2 (ISK).
	28	12 43	37.7%	39.353	N	27.290	E	10	G		0.6	5	TURKEY. ML 2.8 (ISK).
	28	13 45	59.3	2.526	S	138.688	E	33	N	5.5	1.1	27	IRIAN JAYA, INDONESIA
	28	13 51	43.7%	39.648	N	29.389	E	5	G		0.6	5	TURKEY. ML 2.7 (ISK).
	28	14 03	29.4	26.865	S	26.733	E	5	G		1.2	12	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL). ML 3.6 (PRE).
	28	14 28	52.9%	26.878	S	26.745	E	5	G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	28	15 13	56.3%	33.141	S	70.277	W	10	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	28	15 19	28.5	33.735	S	70.308	W	117	*		0.7	18	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	28	15 40	02.9?	45.52	N	6.69	E	5	G		0.6	5	FRANCE
	28	15 50	32.8%	26.377	S	27.385	E	5	G		0.8	5	REPUBLIC OF SOUTH AFRICA. ML 1.9 (PRE).
	28	16 15	21.6%	44.387	N	8.778	E	5	G		0.6	10	NORTHERN ITALY. ML 2.3 (GEN).
	28	16 28	11.2?	31.93	S	69.40	W	123	?		0.6	8	SAN JUAN PROVINCE, ARGENTINA
	28	16 29	38.8%	40.574	N	29.259	E	10	G		0.3	7	TURKEY. ML 2.7 (ISK).
	28	16 41	01.6*	31.535	S	68.118	W	101	?		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	28	17 06	23.3%	40.500	N	23.153	E	10	G		0.3	6	GREECE. ML 1.7 (THE).
a	28	18 32	44.0	13.615	N	143.915	E	208		5.3	0.9	142	SOUTH OF MARIANA ISLANDS. Mw 5.3 (HRV). Felt (III) in the central part of Guam.
	28	19 27	55.6?	37.00	N	28.91	E	10	G		0.4	4	TURKEY. ML 3.2 (ISK).
	28	19 28	06.7&	40.431	N	125.306	W	22				21	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	28	19 52	28.3%	39.973	N	23.929	E	5	G		0.6	6	AEGEAN SEA. ML 2.4 (THE).
	28	19 55	21.0&	59.670	N	152.341	W	70				46	SOUTHERN ALASKA. <AEIC>.
	28	20 09	10.8&	38.703	N	119.704	W	1				1	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	28	20 58	37.6&	59.354	N	152.392	W	79				35	SOUTHERN ALASKA. <AEIC>.
	28	21 56	10.0%	42.917	N	0.529	W	5	G		0.0	5	PYRENEES. ML 1.0 (STR).
	28	21 58	13.5&	59.877	N	141.297	W	7				14	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	28	22 08	12.0&	63.143	N	150.560	W	121				50	CENTRAL ALASKA. <AEIC>.
	28	23 32	49.8	48.782	N	7.786	E	10	G		0.6	13	FRANCE. ML 2.7 (LDG).
	28	23 35	50.1%	40.663	N	23.016	E	5	G		0.2	5	GREECE. ML 1.7 (THE).
	28	23 43	21.5*	40.943	N	8.397	W	10	G		1.3	6	PORTUGAL
	29	01 24	14.2*	37.926	N	21.242	E	5	G		1.1	6	SOUTHERN GREECE. ML 3.1 (ATH).
	29	01 43	25.1	43.323	N	111.287	W	5	G		0.8	57	EASTERN IDAHO. ML 3.5 (GS), 3.7 (BUT). Felt (V) at Irwin and (III) at Swan Valley. Also felt at Palisades.
	29	01 58	50.1&	61.445	N	151.602	W	78				72	SOUTHERN ALASKA. <AEIC>.
	29	02 56	34.3*	35.800	N	70.563	E	33	N	4.5	0.8	13	HINDU KUSH REGION, AFGHANISTAN
	29	03 10	59.8?	31.46	S	70.84	W	110	*		1.1	13	CHILE-ARGENTINA BORDER REGION
	29	03 29	50.8%	39.984	N	28.825	E	10	G		0.6	6	TURKEY. ML 2.8 (ISK).
	29	04 05	31.5%	18.136	N	67.094	W	33	N		0.3	11	MONA PASSAGE. MD 3.3 (MPR).
	29	04 19	44.9&	63.248	N	144.115	W	0	G			25	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	29	07 13	18.9	35.230	N	27.392	E	35	*		0.9	29	DODECANESE ISLANDS. ML 3.8 (ISK).
	29	08 11	01.2?	39.16	N	27.50	E	10	G		0.5	4	TURKEY. ML 2.8 (ISK).

	29	08	18	16.0?	39.19	N	27.89	E	10	G			1.4	4	TURKEY. ML 2.8 (ISK).
a	29	08	21	54.7	22.126	S	175.894	W	88	D	5.2		0.9	93	TONGA ISLANDS REGION. Mw 5.3 (HRV).
	29	10	18	42.3	42.160	N	25.225	E	5	G			1.2	29	BULGARIA. MD 3.6 (ATH). Felt (IV) at Khaskovo, Plovdiv and Purvomay.
	29	10	41	50.7?	6.02	S	150.39	E	73	?	4.3		0.3	5	NEW BRITAIN REGION, P.N.G.
	29	10	49	35.6%	26.905	S	26.744	E	5	G			0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	29	10	56	45.1?	37.46	N	71.57	E	33	N	4.7		0.8	13	AFGHANISTAN-TAJIKISTAN BORD REG.
	29	11	37	44.4%	46.831	N	0.204	W	10	G			1.1	8	FRANCE. ML 2.6 (LDG).
	29	11	38	50.8?	46.23	N	12.27	E	10	G			0.1	5	NORTHERN ITALY. ML 2.0 (VIE).
	29	11	49	44.5*	46.207	N	12.305	E	10	G			0.7	7	NORTHERN ITALY. ML 2.2 (VIE).
	29	11	56	47.5&	47.434	N	121.829	W	18					64	WASHINGTON. <SEA-P>. MD 2.9 (SEA). ML 2.8 (GS). Felt.
	29	12	16	55.6%	26.250	S	27.645	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	29	13	44	17.7*	31.679	S	69.545	W	119	?			0.6	9	SAN JUAN PROVINCE, ARGENTINA
	29	13	46	43.0%	40.167	N	29.224	E	5	G			0.7	6	TURKEY. ML 2.6 (ISK).
	29	14	02	12.1*	38.115	N	21.772	E	5	G			1.3	9	GREECE. MD 3.1 (ATH). ML 2.9 (THE).
	29	14	03	43.2*	2.189	N	127.162	E	104	*	4.9		0.4	18	NORTHERN MOLUCCA SEA
	29	14	27	52.9?	6.07	S	150.54	E	78	?	4.6		0.8	6	NEW BRITAIN REGION, P.N.G.
a	29	14	30	28.4	38.707	N	20.484	E	21		4.9	4.8	1.3	158	GREECE. Mw 5.1 (HRV). ML 5.0 (TTG), 4.9 (ATH), 4.7 (TIR). Felt at Levkas and Preveza.
	29	14	31	34.1%	32.045	S	116.636	E	33	N			1.2	5	WESTERN AUSTRALIA
	29	14	39	17.6*	38.401	N	20.420	E	5	G			0.7	14	GREECE. ML 3.5 (THE). MD 3.5 (ATH).
	29	14	47	49.0?	38.59	N	20.42	E	10	G			1.0	5	GREECE
	29	14	48	25.9	38.661	N	20.378	E	10	G			1.1	22	GREECE. ML 3.7 (TTG), 3.5 (TIR). MD 3.5 (ATH).
	29	15	24	50.2*	28.296	S	66.502	W	160	G			0.9	9	CATAMARCA PROVINCE, ARGENTINA
	29	15	26	49.6	38.658	N	20.655	E	5	G			1.4	17	GREECE. MD 3.5 (ATH).
	29	15	30	19.3	50.472	N	176.382	W	33	N	4.6		1.0	50	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
	29	15	35	46.0?	38.41	N	20.14	E	5	G			1.3	11	GREECE. ML 3.2 (THE).
	29	16	07	01.4	38.697	N	20.497	E	5	G			1.1	18	GREECE. MD 3.4 (ATH). ML 3.0 (THE).
	29	16	26	29.2%	29.058	S	67.939	W	33	N			1.3	7	LA RIOJA PROVINCE, ARGENTINA
	29	16	42	32.2	6.646	N	123.137	E	38	*	5.3		1.0	22	MINDANAO, PHILIPPINE ISLANDS
	29	17	27	08.6	38.676	N	20.552	E	5	G			0.9	18	GREECE. MD 3.4 (ATH). ML 3.2 (THE).
	29	17	28	51.6*	38.669	N	20.501	E	5	G			1.2	8	GREECE. ML 3.7 (ATH).
	29	18	04	47.9?	38.63	N	20.53	E	5	G			0.9	4	GREECE. MD 3.1 (ATH).
	29	18	26	45.7*	24.122	S	66.607	W	211		4.5		1.1	18	SALTA PROVINCE, ARGENTINA
	29	18	42	02.2	38.675	N	20.544	E	5	G			0.8	13	GREECE. MD 3.3 (ATH). ML 3.0 (THE).
	29	18	54	05.5%	40.033	N	23.822	E	5	G			0.6	8	GREECE. ML 1.8 (THE).
	29	19	41	48.6&	61.475	N	147.855	W	28					76	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	29	19	42	11.9?	39.83	N	28.77	E	10	G			0.8	4	TURKEY. ML 2.6 (ISK).
	29	19	46	51.0*	38.458	N	20.679	E	5	G			0.9	10	GREECE. MD 3.4 (ATH). ML 3.2 (THE).
	29	19	48	58.1	36.495	S	1.555	W	10	G	5.3		0.8	122	SOUTH ATLANTIC OCEAN
	29	20	20	22.3	40.542	N	26.003	E	10	G			1.0	16	TURKEY. ML 3.2 (ISK). MD 3.1 (ATH).
	29	20	24	26.8	38.666	N	20.468	E	5	G			0.7	10	GREECE. MD 3.3 (ATH).
a	29	20	32	44.9	20.150	S	168.925	E	33	N	5.2		1.1	126	LOYALTY ISLANDS. Mw 5.2 (HRV).
	29	20	34	02.9?	51.49	N	16.02	E	10	G			1.1	4	POLAND
	29	20	47	40.6	38.689	N	20.598	E	5	G			1.1	10	GREECE. MD 3.2 (ATH). ML 3.0 (THE).
	29	20	55	24.2&	34.397	N	118.335	W	4					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	29	21	12	22.8%	40.660	N	27.839	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
	29	22	43	09.7?	42.22	N	7.85	W	10	G			0.1	4	SPAIN. mbLg 3.2 (MDD).
	30	00	08	00.7?	61.18	N	17.47	E	5	G			0.7	4	SWEDEN. ML 2.3 (NAO). Felt.
	30	00	23	41.9%	42.630	N	18.739	E	10	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	30	00	29	04.8%	42.633	N	18.741	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	30	00	48	14.7?	36.95	N	28.80	E	10	G			0.3	4	DODECANESE ISLANDS. ML 3.2 (ISK).
	30	01	06	40.2	42.864	N	143.094	E	112		4.9		0.8	137	HOKKAIDO, JAPAN REGION
	30	01	16	20.3&	40.343	N	124.414	W	18					22	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
	30	01	37	53.0&	60.101	N	153.449	W	155					45	SOUTHERN ALASKA. <AEIC>.
	30	01	40	17.1	38.931	N	142.279	E	57		4.6		1.2	39	NEAR EAST COAST OF HONSHU, JAPAN
	30	02	18	23.2&	60.162	N	153.290	W	145					56	SOUTHERN ALASKA. <AEIC>.
	30	02	24	54.3*	38.663	N	20.371	E	5	G			1.2	8	GREECE. MD 3.3 (ATH).
a	30	02	28	15.5	10.774	N	41.033	W	10	G	4.9	4.6	1.1	112	NORTHERN MID-ATLANTIC RIDGE. Mw 5.1 (HRV).
	30	02	52	24.7?	40.83	N	27.77	E	5	G			0.8	5	TURKEY. ML 2.7 (ISK).
	30	02	54	37.7	19.532	N	64.597	W	19		4.5		1.0	59	VIRGIN ISLANDS
	30	03	04	53.0?	32.00	S	69.32	W	151	?			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	30	03	54	54.0%	16.685	N	62.126	W	5	G			0.4	7	LEEWARD ISLANDS. ML 3.3 (FDF).
	30	05	03	11.7	15.926	N	92.434	W	175	D	4.5		0.9	84	MEXICO-GUATEMALA BORDER REGION
	30	05	51	51.5	38.505	N	20.723	E	33	N			0.8	15	GREECE. MD 3.2 (ATH). ML 3.2 (THE).
	30	06	37	14.8*	18.001	S	178.374	W	565	?	5.2		0.9	39	FIJI ISLANDS REGION
	30	06	58	26.8	42.550	N	0.690	E	10	G			1.6	11	PYRENEES. ML 2.7 (LDG), 2.7 (STR). mbLg 2.6 (MDD). Felt (III) in the Valle de Aran area, Spain.
	30	07	16	33.4?	36.95	N	28.87	E	10	G			0.0	4	DODECANESE ISLANDS. ML 3.1 (ISK).
	30	07	24	30.0	39.071	N	22.536	E	10	G			0.8	24	GREECE. ML 3.1 (THE).
	30	08	02	30.3	37.051	N	28.913	E	10	G			0.7	11	TURKEY. MD 3.6 (ATH). ML 3.6 (ISK).
	30	08	19	59.8?	39.17	N	27.32	E	5	G			0.9	4	TURKEY. ML 2.8 (ISK).
	30	08	24	17.0?	43.14	N	0.72	W	5	G			0.1	4	PYRENEES. ML 1.0 (STR).
	30	08	43	02.1*	7.491	S	129.623	E	33	N	5.4		1.2	15	BANDA SEA
	30	08	56	23.2%	37.096	N	28.869	E	10	G			0.4	5	TURKEY. ML 3.3 (ISK).
	30	09	10	23.4*	2.917	N	126.435	E	33	N	5.0		1.1	16	NORTHERN MOLUCCA SEA
	30	09	14	14.5?	43.22	N	148.40	E	33	N	4.0		1.4	7	EAST OF KURIL ISLANDS
	30	09	33	01.7%	16.695	N	62.126	W	5	G			0.8	6	LEEWARD ISLANDS. ML 2.0 (FDF).
	30	10	10	50.2?	3.03	N	126.38	E	33	N	4.7		1.1	9	TALAUD ISLANDS, INDONESIA
	30	10	48	41.4%	40.820	N	27.804	E	5	G			0.4	8	TURKEY. ML 3.0 (ISK).
	30	11	02	59.1%	40.374	N	29.141	E	10	G			1.2	5	TURKEY. ML 3.0 (ISK).
	30	11	53	45.9?	63.23	N	27.18	E	5	G			0.6	4	FINLAND. ML 2.1 (NAO).
	30	11	58	47.6?	38.70	N	26.29	E	5	G			0.4	4	AEGEAN SEA. ML 3.4 (ISK).
	30	12	17	56.7%	36.970	N	28.903	E	10	G			0.4	6	DODECANESE ISLANDS. ML 3.3 (ISK).
	30	12	22	36.4	60.785	N	4.231	E	10	G			1.1	10	SOUTHERN NORWAY. MD 2.5 (BER).
	30	12	25	16.8*	29.256	S	177.904	W	71		4.8		0.8	23	KERMADEC ISLANDS, NEW ZEALAND. Felt (II) on Raoul Island.
	30	12	26	50.8*	68.966	N	29.929	E	10	G			1.5	5	FINLAND-RUSSIA BORDER REGION. MD 2.3 (BER).
	30	12	29	34.5*	68.883	N	29.857	E	10	G			1.5	5	FINLAND-RUSSIA BORDER REGION. ML 2.0 (NAO).
	30	12	29	52.0?	37.00	N	28.97	E	5	G			0.3	4	DODECANESE ISLANDS. ML 3.0 (ISK).
	30	12	59	26.2	38.654	N	20.552	E	10	G			1.1	16	GREECE. ML 3.7 (TIR). MD 3.6 (ATH).
	30	13	08	07.3%	16.706	N	62.134	W	5	G			0.7	6	LEEWARD ISLANDS. ML 2.9 (FDF).
	30	13	10	02.7?	37.20	N	30.11	E	10	G			1.0	4	TURKEY. ML 3.1 (ISK).

	30	13 18 20.5&	16.692	N	62.135	W	5	G		0.5	7	LEEWARD ISLANDS
	30	13 25 48.8	41.832	N	23.045	E	10	G		0.4	9	GREECE-BULGARIA BORDER REGION
	30	13 38 00.1	36.137	N	22.242	E	77		4.3	1.1	56	SOUTHERN GREECE. MD 3.9 (ATH).
	30	13 54 40.0?	6.07	N	123.89	E	539	?	4.9	0.8	9	MINDANAO, PHILIPPINE ISLANDS
	30	14 12 05.8&	60.071	N	153.458	W	156				57	SOUTHERN ALASKA. <AEIC>.
	30	14 30 07.0?	38.62	N	20.41	E	5	G		0.5	8	GREECE
	30	14 33 18.4&	26.877	S	26.831	E	5	G		1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	30	14 58 19.3	43.523	N	147.404	E	33	N	4.9	0.9	75	KURIL ISLANDS
	30	15 01 22.4?	30.99	S	69.10	W	114	?		0.2	7	CHILE-ARGENTINA BORDER REGION
	30	15 01 43.1*	3.052	N	126.857	E	33	N	4.5	1.4	8	TALAUD ISLANDS, INDONESIA
	30	15 03 34.1?	16.68	N	62.15	W	5	G		0.2	4	LEEWARD ISLANDS. ML 2.5 (FDF).
	30	15 07 22.0?	24.10	S	179.92	W	472	?	4.7	0.6	14	SOUTH OF FIJI ISLANDS
	30	15 53 04.0?	39.86	N	29.20	E	5	G		0.7	4	TURKEY. ML 2.9 (ISK).
	30	15 59 07.0&	58.898	N	152.103	W	59				56	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	30	16 29 49.9	66.975	N	21.115	E	5	G		1.2	8	SWEDEN. MD 2.7 (BER).
	30	16 31 18.7	49.487	N	0.446	W	6			0.8	29	FRANCE. ML 4.1 (LDG). MD 3.8 (STR).
	30	16 41 09.5&	64.773	N	155.000	W	25	G			42	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR). Felt (IV) at Ruby. Also felt at Fairbanks.
	30	17 35 27.9	26.834	S	26.709	E	5	G		1.2	15	REPUBLIC OF SOUTH AFRICA. ML 4.1 (PRE).
	30	17 43 23.6	28.063	N	139.915	E	483	?	4.6	0.3	17	BONIN ISLANDS REGION
	30	18 04 58.8&	36.239	N	4.573	W	10	G		1.2	7	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	30	18 15 15.1?	10.97	N	60.76	W	50	G		1.0	5	TRINIDAD. MD 3.3 (TRN).
	30	19 11 26.8	43.110	N	0.442	W	5	G		0.2	6	PYRENEES. MD 2.1 (BTH).
	30	19 14 10.0	38.268	N	26.924	W	10	G		0.8	13	AZORES ISLANDS. MD 4.0 (PDA). Felt (III) at Angra do Heroismo, Terceira.
	30	19 16 34.9	38.278	N	26.954	W	10	G		1.0	9	AZORES ISLANDS. MD 4.0 (PDA). Felt (III) at Angra do Heroismo, Terceira.
	30	19 16 56.6	30.815	N	137.061	E	475		4.7	0.8	125	SOUTH OF HONSHU, JAPAN
	30	19 22 27.8	44.446	N	114.033	W	5	G		0.6	17	WESTERN IDAHO. ML 3.6 (GS), 3.8 (BUT).
	30	19 38 05.1&	37.480	N	118.811	W	10				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	30	20 04 58.8?	19.27	S	167.31	E	40	?	4.6	1.3	12	VANUATU ISLANDS REGION
	30	20 40 33.1&	38.576	N	27.603	E	5	G		0.9	5	TURKEY. ML 2.9 (ISK).
a	30	21 50 54.1	2.871	N	84.306	W	33	N	5.3	1.0	71	OFF COAST OF CENTRAL AMERICA. Mw 5.2 (HRV).
	30	22 34 34.1*	43.769	N	147.602	E	33	N	4.7	0.8	13	KURIL ISLANDS
	30	23 01 54.6&	65.915	N	155.271	W	21				20	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).

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 08 08 02.17 1.432S 67.947E 10km
5.0mb (26 obs.) 5.2Msz (27 obs.)
CARLSBERG RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 56S,109C
Centroid Location:
Origin Time 08:08: 6.8 0.2
Lat 1.09S 0.02 Lon 67.62E 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.54	9	261
N	-0.96	76	31
P	-3.58	11	169

Best Double Couple:Mo=4.1*10**17
NP1:Strike=305 Dip=76 Slip=-179
NP2: 215 89 -14

02 01 43 55.54 5.099N 118.643E 55km
5.7mb (74 obs.)
BORNEO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S,104C
Centroid Location:
Origin Time 01:43:57.6 0.1
Lat 5.33N 0.02 Lon 118.79E 0.02
Dep 34.4 1.4 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.58	60	178
N	0.18	22	43
P	-4.77	19	305

Best Double Couple:Mo=4.7*10**17
NP1:Strike= 3 Dip=32 Slip= 45
NP2: 233 68 114

03 03 07 21.53 10.931S 166.247E 156km
5.4mb (54 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 65S,117C
Centroid Location:
Origin Time 03:07:27.3 0.2
Lat 10.91S 0.02 Lon 166.27E 0.01
Dep 164.7 0.5 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.45	66	138
N	-1.02	24	335
P	-4.43	6	242

Best Double Couple:Mo=4.9*10**17
NP1:Strike=308 Dip=44 Slip= 55
NP2: 173 56 119

04 01 13 20.15 9.379S 71.334W 591km
5.8mb (134 obs.)
PERU-BRAZIL BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=40 Slip= -80
NP2: 152 51 -98
Principal Axes:

	Plg=	Azm=
T	5	248
P	82	18

Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a small strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 23 Focal mech. F
Energy 7.1±1.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 587 No. of sta: 28
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.53	2	245
N	-0.19	4	155
P	-1.33	85	4

Best Double Couple:Mo=1.4*10**18
NP1:Strike=340 Dip=43 Slip= -84
NP2: 151 48 -96
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 64S,135C
Centroid Location:
Origin Time 01:13:25.5 0.1
Lat 9.40S 0.01 Lon 71.07W 0.01
Dep 619.2 1.0 Half-duration 2.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.46	8	260
N	0.08	1	170
P	-1.55	82	71

Best Double Couple:Mo=1.5*10**18
NP1:Strike=352 Dip=37 Slip= -88
NP2: 169 53 -92

04 05 24 18.23 17.709S 172.197W 33km
5.1mb (10 obs.) 4.6Msz (4 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 17C
Centroid Location:
Origin Time 05:24:21.9 2.7
Lat 18.02S 0.16 Lon 171.90W 0.20
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.63	29	295
N	-1.16	24	39
P	-8.47	51	163

Best Double Couple:Mo=9.1*10**16
NP1:Strike=339 Dip=28 Slip=-153
NP2: 225 78 -65

04 08 27 30.69 21.473S 179.341W 616km
5.3mb (58 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 27C
Centroid Location:
Origin Time 08:27:34.8 0.7
Lat 21.55S 0.07 Lon 179.22W 0.05
Dep 627.6 4.3 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.52	35	63
N	-0.04	21	169
P	-1.48	47	283

Best Double Couple:Mo=1.5*10**17
NP1:Strike= 97 Dip=22 Slip=-163
NP2: 351 84 -69

04 10 12 41.94 17.417S 172.027W 33km
5.5mb (20 obs.) 5.1Msz (13 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 70C
Centroid Location:
Origin Time 10:12:44.1 0.3
Lat 17.40S 0.04 Lon 171.64W 0.03
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.78	25	287
N	0.20	5	194
P	-1.98	64	95

Best Double Couple:Mo=1.9*10**17
NP1:Strike= 28 Dip=20 Slip= -76
NP2: 193 71 -95

05 02 16 03.32 57.193S 157.858E 25km
6.1mb (38 obs.) 6.1Msz (50 obs.)
MACQUARIE ISLANDS REGION

FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 45 Dip=90 Slip= 165
NP2: 135 75 360
Principal Axes:
T Plg=11 Azm=359
P 11 91
Comment: The focal mechanism is moderately 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: 5 Focal mech. F
Energy 2.5±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 6.58 Plg= 1 Azm=183
N 0.63 87 300
P -7.21 3 93
Best Double Couple:Mo=6.9*10**18
NP1:Strike=228 Dip=87 Slip=-179
NP2: 138 89 -3
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 72S,184C M.W.: 56S, 98C
Centroid Location:
Origin Time 02:16:11.0 0.1
Lat 57.16S 0.01 Lon 157.17E 0.01
Dep 15.0 FIX Half-duration 3.8
Principal Axes:
Scale 10**18 Nm
T Val= 3.60 Plg= 8 Azm=357
N 0.06 69 245
P -3.66 19 90
Best Double Couple:Mo=3.6*10**18
NP1:Strike=132 Dip=71 Slip= -8
NP2: 225 82 -160

05 10 52 15.16 10.721N 141.311E 31km
5.5mb (49 obs.) 5.1Msz (26 obs.)
WESTERN CAROLINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 57S,104C
Centroid Location:
Origin Time 10:52:18.3 0.2
Lat 10.48N 0.02 Lon 141.47E 0.03
Dep 15.5 1.4 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.42 Plg=15 Azm= 1
N -0.14 13 267
P -3.28 70 136
Best Double Couple:Mo=3.3*10**17
NP1:Strike=109 Dip=33 Slip= -64
NP2: 260 61 -105

05 12 05 28.59 9.386S 71.335W 597km
5.7mb (121 obs.)
PERU-BRAZIL BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 54S, 89C
Centroid Location:
Origin Time 12:05:32.6 0.2
Lat 9.43S 0.02 Lon 71.14W 0.02
Dep 605.6 1.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.39 Plg= 6 Azm=263
N -0.18 7 172
P -3.21 80 33
Best Double Couple:Mo=3.3*10**17
NP1:Strike= 1 Dip=39 Slip= -78
NP2: 167 52 -99

06 11 52 54.59 7.273N 126.980E 42km
5.3mb (44 obs.) 5.0Msz (23 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 57C
Centroid Location:
Origin Time 11:52:58.6 0.3
Lat 7.20N 0.04 Lon 127.22E 0.04
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.96 Plg=68 Azm=312
N 0.02 11 193
P -1.97 19 99
Best Double Couple:Mo=2.0*10**17
NP1:Strike=171 Dip=28 Slip= 65
NP2: 19 65 103

06 15 57 34.79 21.088S 169.906E 102km
5.3mb (5 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 15:57:37.0 2.0
Lat 21.35S 0.15 Lon 169.71E 0.19
Dep 99.1 7.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.94 Plg=30 Azm=275
N -2.38 60 109
P -6.56 6 9
Best Double Couple:Mo=7.8*10**16
NP1:Strike= 56 Dip=65 Slip= 18
NP2: 318 74 154

07 10 59 22.44 10.215N 93.774E 33km
5.0mb (18 obs.) 4.4Msz (5 obs.)
ANDAMAN ISLANDS, INDIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 25C
Centroid Location:
Origin Time 10:59:25.8 0.6
Lat 10.46N 0.09 Lon 94.09E 0.09
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.02 Plg=11 Azm=246
N 2.54 2 337
P -5.56 78 77
Best Double Couple:Mo=4.3*10**16
NP1:Strike=334 Dip=34 Slip= -94
NP2: 158 56 -88

07 13 03 42.15 43.770N 147.278E 56km
5.1mb (79 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 8C
Centroid Location:
Origin Time 13:03:45.4 1.8
Lat 43.45N 0.24 Lon 147.19E 0.20
Dep 65.924.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.95 Plg=62 Azm= 72
N 1.65 4 170
P -5.60 27 262
Best Double Couple:Mo=4.8*10**16
NP1:Strike= 3 Dip=18 Slip= 103
NP2: 169 73 86

08 17 48 45.04 11.940N 144.239E 35km
5.0mb (14 obs.) 4.5Msz (3 obs.)
SOUTH OF MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 15C
Centroid Location:
Origin Time 17:48:49.1 0.9
Lat 12.01N 0.07 Lon 144.43E 0.15
Dep 43.313.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.97 Plg=11 Azm=345
N 1.53 79 147
P -9.50 3 254
Best Double Couple:Mo=8.7*10**16
NP1:Strike= 29 Dip=80 Slip= 175
NP2: 120 85 10

09 03 56 57.17 7.428N 71.927W 9km
5.2mb (73 obs.) 4.9Msz (6 obs.)
VENEZUELA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 61C
Centroid Location:
Origin Time 03:57: 4.9 0.3
Lat 7.53N 0.04 Lon 71.73W 0.03
Dep 21.3 2.2 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.40 Plg=74 Azm=182
N 0.22 15 341
P -1.61 6 72
Best Double Couple:Mo=1.5*10**17
NP1:Strike=178 Dip=42 Slip= 113
NP2: 329 52 71

09 18 21 02.68 43.556N 147.144E 54km
6.2mb (154 obs.) 5.2Msz (41 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 50 Dip=82 Slip= 100
NP2: 178 13 39
Principal Axes:
T Plg=52 Azm=332
P 36 131
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small left-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 2.0±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 56 No. of sta: 21
Principal Axes:
Scale 10**17 Nm
T Val= 5.01 Plg=57 Azm=336
N 0.08 22 208
P -5.09 23 108
Best Double Couple:Mo=5.1*10**17
NP1:Strike=162 Dip=29 Slip= 40
NP2: 36 72 113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 60S,136C
Centroid Location:
Origin Time 18:21: 6.7 0.2
Lat 43.41N 0.02 Lon 147.24E 0.02
Dep 61.0 BDY Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 5.14 Plg=56 Azm=344
N 0.86 18 225
P -6.00 28 125
Best Double Couple:Mo=5.6*10**17
NP1:Strike=177 Dip=24 Slip= 40
NP2: 50 75 109

10 03 03 23.17 5.719S 154.186E 33km
5.4mb (23 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S, 94C
Centroid Location:
Origin Time 03:03:29.0 0.2
Lat 5.87S 0.02 Lon 153.97E 0.02
Dep 45.6 1.6 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.29 Plg=80 Azm= 15
N -0.10 5 138
P -2.18 8 229
Best Double Couple:Mo=2.2*10**17
NP1:Strike=325 Dip=37 Slip= 99
NP2: 134 54 83

10 06 02 13.03 7.236S 129.272E 96km
5.2mb (25 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 13C
Centroid Location:
Origin Time 06:02:17.1 1.1
Lat 7.32S FIX;Lon 129.35E FIX
Dep 137.4 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.72 Plg=80 Azm=314
N 1.53 5 195
P -7.25 9 104
Best Double Couple:Mo=6.5*10**16
NP1:Strike=188 Dip=36 Slip= 82
NP2: 19 54 96

10 07 07 44.34 22.356N 118.800E 33km
5.0mb (34 obs.) 4.5Msz (2 obs.)

TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 14C
Centroid Location:
Origin Time 07:07:38.5 0.7
Lat 22.63N 0.10 Lon 118.66E 0.17
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	4.93	15	173
N	-0.95	37	71
P	-3.98	49	281

Best Double Couple:Mo=4.4*10**16
NP1:Strike=303 Dip=44 Slip= -30
NP2: 55 70 -130

10 10 48 23.59 7.761S 158.354E 33km
5.2mb (25 obs.) 4.8Msz (8 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 55C
Centroid Location:
Origin Time 10:48:25.9 0.3
Lat 7.77S 0.04 Lon 158.50E 0.04
Dep 33.6 3.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	11.42	67	276
N	-1.78	18	137
P	-9.64	14	42

Best Double Couple:Mo=1.1*10**17
NP1:Strike=109 Dip=35 Slip= 58
NP2: 327 61 110

11 08 48 29.97 15.626S 72.535W 121km
5.6mb (85 obs.)
SOUTHERN PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=210 Dip=88 Slip= 21
NP2: 119 69 178
Principal Axes:

	Plg=	Azm=
T	16	77
P	13	343

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 132 No. of sta: 4
Principal Axes:
Scale 10**17 Nm

	Val-	Plg=	Azm=
T	5.89	22	88
N	-0.16	67	249
P	-5.73	7	356

Best Double Couple:Mo=5.8*10**17
NP1:Strike=130 Dip=70 Slip= 169
NP2: 224 80 21
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 67S,131C
Centroid Location:
Origin Time 08:48:35.2 0.1
Lat 15.64S 0.01 Lon 72.39W 0.02
Dep 127.3 0.7 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val-	Plg=	Azm=
T	6.03	32	76
N	-0.92	58	249
P	-5.11	3	344

Best Double Couple:Mo=5.6*10**17
NP1:Strike=115 Dip=66 Slip= 158
NP2: 214 70 26

13 06 56 00.52 36.910N 29.060E 10km
4.9mb (77 obs.) 5.0Msz (22 obs.)
TURKEY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 59C
Centroid Location:
Origin Time 06:56: 5.7 0.4
Lat 37.12N 0.04 Lon 28.02E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val-	Plg=	Azm=
T	1.18	9	44
N	0.30	4	313
P	-1.48	80	200

Best Double Couple:Mo=1.3*10**17
NP1:Strike=139 Dip=36 Slip= -83
NP2: 310 54 -95

13 09 07 12.18 0.221S 124.424E 35km
5.3mb (36 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 54C
Centroid Location:
Origin Time 09:07:18.8 0.4
Lat 0.01S 0.04 Lon 124.72E 0.04
Dep 80.4 3.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	6.89	77	268
N	1.60	8	36
P	-8.49	10	127

Best Double Couple:Mo=7.7*10**16
NP1:Strike=227 Dip=36 Slip= 104
NP2: 30 56 80

13 19 55 45.04 51.130N 159.966E 32km
5.1mb (52 obs.) 4.5Msz (4 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 19:55:51.7 1.0
Lat 51.30N 0.09 Lon 159.88E 0.18
Dep 17.2 5.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	5.57	63	15
N	-1.22	24	225
P	-4.35	12	130

Best Double Couple:Mo=5.0*10**16
NP1:Strike=192 Dip=39 Slip= 50
NP2: 59 61 118

14 11 27 56.19 0.028S 16.935W 10km
5.2mb (50 obs.) 4.9Msz (12 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 58C
Centroid Location:
Origin Time 11:28: 0.6 0.2
Lat 0.46N 0.04 Lon 17.14W 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	11.23	3	32
N	-2.02	2	123
P	-9.22	87	241

Best Double Couple:Mo=1.0*10**17
NP1:Strike=121 Dip=42 Slip= -92
NP2: 304 48 -88

14 15 24 38.90 21.231S 174.639W 54km
5.2mb (19 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 21C
Centroid Location:
Origin Time 15:24:42.5 0.7
Lat 20.45S 0.13 Lon 174.44W 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val-	Plg=	Azm=
T	8.90	53	78
N	-0.83	4	344
P	-8.07	37	251

Best Double Couple:Mo=8.5*10**16
NP1:Strike=320 Dip= 9 Slip= 67
NP2: 164 82 94

14 19 15 30.66 13.525N 121.067E 32km
6.1mb (115 obs.) 7.1Msz (52 obs.)
MINDORO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=335 Dip=77 Slip= 178
NP2: 65 88 13
Principal Axes:

	Plg=	Azm=
T	11	291
P	8	200

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 3.3±0.7*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 25
Principal Axes:
Scale 10**19 Nm

	Val-	Plg=	Azm=
T	2.88	1	291
N	0.57	80	193
P	-3.45	10	21

Best Double Couple:Mo=3.2*10**19
NP1:Strike= 65 Dip=82 Slip= -6
NP2: 156 84 -172
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 66S,168C M.W.: 63S,157C
Centroid Location:
Origin Time 19:15:39.1 0.1
Lat 13.44N 0.01 Lon 121.32E 0.01
Dep 15.0 FIX Half-duration 9.3
Principal Axes:
Scale 10**19 Nm

	Val-	Plg=	Azm=
T	5.70	13	296
N	-1.17	70	64
P	-4.53	15	202

Best Double Couple:Mo=5.1*10**19
NP1:Strike=339 Dip=70 Slip=-178
NP2: 249 88 -20

15 06 25 09.20 13.136N 121.184E 21km
5.3mb (38 obs.) 5.0Msz (5 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 84C
Centroid Location:
Origin Time 06:25:11.9 0.2
Lat 13.34N 0.03 Lon 121.31E 0.03
Dep 19.3 2.7 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val-	Plg=	Azm=
T	2.66	22	322
N	-0.66	67	125
P	-2.00	6	230

Best Double Couple:Mo=2.3*10**17
NP1:Strike= 4 Dip=70 Slip= 168
NP2: 98 79 20

15 20 18 11.31 5.589S 110.186E 561km
6.2mb (150 obs.)
JAVA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=310 Dip=42 Slip= -65
NP2: 98 53 -111
Principal Axes:

	Plg=	Azm=
T	6	203
P	73	311

Comment: The focal mechanism is well controlled and corresponds to normal faulting with a moderate left-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 18 Focal mech. F
Energy 2.1±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 585 No. of sta: 19
Principal Axes:
Scale 10**18 Nm

	Val-	Plg=	Azm=
T	6.62	6	201
N	-0.06	20	109
P	-6.57	69	305

Best Double Couple:Mo=6.6*10**18
NP1:Strike=312 Dip=43 Slip= -60
NP2: 93 54 -115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 66S,173C M.W.: 46S, 79C
Centroid Location:
Origin Time 20:18:17.2 0.1
Lat 5.61S 0.01 Lon 110.29E 0.01
Dep 570.7 0.5 Half-duration 4.4
Principal Axes:
Scale 10**18 Nm

	Val-	Plg=	Azm=
T	6.19	1	202
N	0.54	20	111
P	-6.72	70	296

Best Double Couple:Mo=6.4*10**18

NP1:Strike=311 Dip=47 Slip= -62
NP2: 93 50 -117

15 20 39 37.25 47.451N 154.927E 12km
5.8mb (71 obs.) 6.0Msz (27 obs.)
KURIL ISLANDS
RADIATED ENERGY
No. of sta: 10 Focal mech. C
Energy 6.4±1.6*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 52C
Centroid Location:
Origin Time 20:39:44.3 0.3
Lat 47.50N 0.05 Lon 155.14E 0.07
Dep 15.0 BDY Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 11.02 Plg=66 Azm=304
N 0.72 3 207
P -11.74 24 116
Best Double Couple:Mo=1.1*10**18
NP1:Strike=199 Dip=21 Slip= 81
NP2: 28 69 93

16 06 54 03.17 56.173S 142.612W 10km
5.4mb (9 obs.) 5.6Msz (26 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 62S,127C
Centroid Location:
Origin Time 06:54:10.8 0.1
Lat 56.49S 0.02 Lon 142.36W 0.04
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.48 Plg=23 Azm=344
N -0.17 60 122
P -6.31 18 246
Best Double Couple:Mo=6.4*10**17
NP1:Strike= 24 Dip=60 Slip= 176
NP2: 116 87 30

16 21 34 52.01 10.182S 13.258W 10km
5.1mb (29 obs.) 4.9Msz (5 obs.)
ASCENSION ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 43C
Centroid Location:
Origin Time 21:35: 0.9 0.3
Lat 10.02S 0.05 Lon 13.28W 0.04
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.63 Plg= 0 Azm=262
N 1.05 19 353
P -10.68 71 171
Best Double Couple:Mo=1.0*10**17
NP1:Strike=335 Dip=48 Slip=-115
NP2: 190 48 -65

18 01 13 00.25 13.057N 121.090E 20km
5.4mb (54 obs.) 5.2Msz (34 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 70C
Centroid Location:
Origin Time 01:13: 1.5 0.2
Lat 13.16N 0.02 Lon 121.20E 0.04
Dep 15.8 1.5 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.71 Plg=13 Azm=356
N -0.15 10 264
P -1.56 73 137
Best Double Couple:Mo=1.6*10**17
NP1:Strike= 99 Dip=33 Slip= -71
NP2: 257 59 -102

18 05 32 47.85 41.938S 83.784W 10km
5.4mb (14 obs.)
WEST CHILE RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 19C
Centroid Location:
Origin Time 05:32:51.1 0.5
Lat 41.59S 0.16 Lon 84.76W 0.15
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.52 Plg=32 Azm= 86
N 1.38 16 186
P -9.90 53 299
Best Double Couple:Mo=9.2*10**16
NP1:Strike=133 Dip=20 Slip=-145
NP2: 10 79 -73

19 21 46 50.46 43.107N 146.956E 47km
5.4mb (99 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 38C
Centroid Location:
Origin Time 21:46:54.7 0.5
Lat 43.14N 0.05 Lon 147.05E 0.09
Dep 50.6 4.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.38 Plg=70 Azm=303
N 2.60 4 44
P -8.98 19 135
Best Double Couple:Mo=7.7*10**16
NP1:Strike=232 Dip=26 Slip= 99
NP2: 42 65 86

20 02 57 15.62 9.794S 159.712E 24km
5.8mb (57 obs.) 5.5Msz (42 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, 95C
Centroid Location:
Origin Time 02:57:21.1 0.2
Lat 9.85S 0.04 Lon 160.01E 0.03
Dep 24.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 2.77 Plg=43 Azm=345
N 0.19 15 89
P -2.96 43 194
Best Double Couple:Mo=2.9*10**17
NP1:Strike=359 Dip=15 Slip= 179
NP2: 89 90 75

20 06 39 21.85 20.766S 172.748E 24km
5.5mb (40 obs.) 5.6Msz (38 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 60S,144C
Centroid Location:
Origin Time 06:39:25.0 0.1
Lat 20.91S 0.02 Lon 172.99E 0.01
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.42 Plg= 2 Azm=128
N -0.92 84 238
P -6.50 6 37
Best Double Couple:Mo=7.0*10**17
NP1:Strike=173 Dip=85 Slip=-178
NP2: 82 88 -5

20 08 30 12.39 43.103N 146.946E 52km
5.1mb (83 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 16C
Centroid Location:
Origin Time 08:30:10.8 1.4
Lat 42.74N 0.13 Lon 147.60E 0.14
Dep 52.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 16.75 Plg=38 Azm= 34
N -3.81 50 190
P -12.94 12 295
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 67 Dip=55 Slip= 159
NP2: 170 73 37

20 14 31 02.27 35.335N 39.557E 29km
5.1mb (59 obs.) 4.9Msz (6 obs.)
JORDAN - SYRIA REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 48C
Centroid Location:
Origin Time 14:31: 4.4 0.4
Lat 35.36N 0.05 Lon 39.07E 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.40 Plg=25 Azm=102
N -0.32 57 238
P -1.08 20 2
Best Double Couple:Mo=1.2*10**17
NP1:Strike=141 Dip=57 Slip= 176
NP2: 233 87 33

20 16 59 05.63 2.001S 135.932E 16km
5.8mb (55 obs.) 6.3Msz (41 obs.)
IRIAN JAYA REGION, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=195 Dip=84 Slip= 175
NP2: 286 85 6
Principal Axes:
T Plg= 8 Azm=150
P 1 60
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: 15 Focal mech. F
Energy 1.6±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 17 No. of sta: 19
Principal Axes:
Scale 10**18 Nm
T Val= 3.64 Plg= 2 Azm=148
N -0.01 87 9
P -3.64 2 238
Best Double Couple:Mo=3.6*10**18
NP1:Strike=283 Dip=87 Slip= 0
NP2: 193 90 177
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 66S,156C M.W.: 54S, 95C
Centroid Location:
Origin Time 16:59:15.5 0.1
Lat 1.81S 0.01 Lon 135.97E 0.01
Dep 20.7 0.7 Half-duration 4.5
Principal Axes:
Scale 10**18 Nm
T Val= 3.56 Plg=11 Azm=146
N -0.06 76 9
P -3.50 10 238
Best Double Couple:Mo=3.5*10**18
NP1:Strike=282 Dip=76 Slip= 1
NP2: 192 89 166

20 18 34 34.49 4.330N 97.591E 153km
5.7mb (91 obs.)
NORTHERN SUMATERA, INDONESIA
RADIATED ENERGY
No. of sta: 4 Focal mech. M
Energy 3.1±1.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 157 No. of sta: 9
Principal Axes:
Scale 10**18 Nm
T Val= 1.39 Plg=41 Azm= 56
N 0.00 41 276
P -1.39 22 166
Best Double Couple:Mo=1.4*10**18
NP1:Strike=209 Dip=44 Slip= 17
NP2: 107 78 133
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, 90C
Centroid Location:
Origin Time 18:34:40.8 0.3
Lat 4.33N 0.03 Lon 97.30E 0.04
Dep 162.7 1.2 Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 13.50 Plg=45 Azm= 52
N -2.54 28 289
P -10.96 32 180
Best Double Couple:Mo=1.2*10**18
NP1:Strike=217 Dip=29 Slip= 15
NP2: 113 83 119

21 02 21 30.75 14.976S 167.243E 126km
5.6mb (30 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 53C

Centroid Location:
Origin Time 02:21:30.4 0.4
Lat 15.02S 0.04 Lon 167.22E 0.03
Dep 104.2 1.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.14 Plg=58 Azm=186
N -0.64 32 1
P -9.51 2 93
Best Double Couple:Mo=9.8*10**16
NP1:Strike=212 Dip=51 Slip= 133
NP2: 335 55 50

21 03 25 57.81 36.663S 78.547E 10km
4.6mb (7 obs.)
MID-INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 74C
Centroid Location:
Origin Time 03:26: 4.3 0.3
Lat 36.65S 0.05 Lon 78.87E 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.48 Plg=22 Azm=275
N -1.27 67 75
P -10.21 7 182
Best Double Couple:Mo=1.1*10**17
NP1:Strike=317 Dip=69 Slip= 169
NP2: 51 80 21

21 08 16 34.07 25.540N 96.657E 14km
5.6mb (93 obs.) 5.9Msz (52 obs.)
MYANMAR
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=135 Dip=85 Slip= 12
NP2: 44 78 175
Principal Axes:
T Plg=12 Azm=360
P 5 269
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: 5 Focal mech. F
Energy 7.1±2.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 17
Principal Axes:
Scale 10**17 Nm
T Val= 5.84 Plg=24 Azm=352
N -0.20 66 163
P -5.63 3 260
Best Double Couple:Mo=5.7*10**17
NP1:Strike= 33 Dip=71 Slip= 165
NP2: 128 76 19
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S,119C
Centroid Location:
Origin Time 08:16:40.1 0.2
Lat 25.37N 0.02 Lon 96.83E 0.02
Dep 42.7 1.8 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 9.16 Plg=10 Azm=350
N 0.17 76 126
P -9.33 10 258
Best Double Couple:Mo=9.2*10**17
NP1:Strike= 34 Dip=76 Slip= 179
NP2: 124 89 14

22 05 04 22.09 20.790S 178.390W 555km
5.3mb (68 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, 71C
Centroid Location:
Origin Time 05:04:26.6 0.3
Lat 20.55S 0.03 Lon 178.35W 0.03
Dep 562.0 1.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.37 Plg=18 Azm=175
N 0.49 7 83
P -1.87 71 332
Best Double Couple:Mo=1.6*10**17
NP1:Strike=276 Dip=28 Slip= -75
NP2: 79 63 -98

22 11 11 57.76 43.961N 147.293E 49km
5.6mb (135 obs.) 5.1Msz (25 obs.)
KURIL ISLANDS
RADIATED ENERGY
No. of sta: 11 Focal mech. M
Energy 2.5±0.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 30
Principal Axes:
Scale 10**17 Nm
T Val= 2.50 Plg=64 Azm=216
N 0.06 24 10
P -2.55 10 105
Best Double Couple:Mo=2.5*10**17
NP1:Strike=221 Dip=41 Slip= 128
NP2: 355 59 62
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 92C
Centroid Location:
Origin Time 11:12: 0.8 0.3
Lat 43.90N 0.02 Lon 147.51E 0.03
Dep 54.4 1.7 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.96 Plg=48 Azm=207
N 0.50 42 33
P -3.46 3 300
Best Double Couple:Mo=3.2*10**17
NP1:Strike=355 Dip=56 Slip= 36
NP2: 244 61 140

22 12 19 49.31 23.260S 69.409W 67km
4.9mb (21 obs.)
NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 20C
Centroid Location:
Origin Time 12:19:57.0 0.6
Lat 23.31S 0.05 Lon 69.60W 0.12
Dep 76.2 5.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.74 Plg= 9 Azm= 35
N 0.98 14 303
P -5.71 74 157
Best Double Couple:Mo=5.2*10**16
NP1:Strike=141 Dip=38 Slip= -68
NP2: 294 55 -107

22 15 05 02.65 3.235N 127.922E 138km
5.1mb (34 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 23C
Centroid Location:
Origin Time 15:04:58.0 1.5
Lat 3.17N 0.13 Lon 128.00E 0.15
Dep 131.9 3.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.21 Plg= 0 Azm=152
N -0.13 46 242
P -6.09 44 62
Best Double Couple:Mo=6.2*10**16
NP1:Strike=206 Dip=61 Slip=-146
NP2: 98 61 -34

22 15 38 35.00 13.661N 95.689E 33km
4.9mb (35 obs.) 4.9Msz (6 obs.)
ANDAMAN ISLANDS, INDIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 47C
Centroid Location:
Origin Time 15:38:35.4 0.3
Lat 13.64N 0.04 Lon 95.51E 0.05
Dep 22.7 4.2 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.78 Plg= 1 Azm=330
N -1.22 68 61
P -8.56 22 240
Best Double Couple:Mo=9.2*10**16
NP1:Strike= 17 Dip=74 Slip=-164
NP2: 283 75 -16

22 18 10 47.73 1.874S 136.115E 33km
5.2mb (17 obs.) 4.8Msz (6 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 25C
Centroid Location:
Origin Time 18:10:49.5 0.9
Lat 1.46S 0.10 Lon 136.30E 0.12
Dep 35.2 9.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.65 Plg=11 Azm=139
N 2.39 54 34
P -7.04 34 237
Best Double Couple:Mo=5.8*10**16
NP1:Strike=273 Dip=58 Slip= -18
NP2: 12 75 -147

22 19 08 12.65 7.764S 158.296E 33km
5.4mb (27 obs.) 5.2Msz (37 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, 87C
Centroid Location:
Origin Time 19:08:16.6 0.2
Lat 7.74S 0.02 Lon 158.57E 0.02
Dep 35.5 1.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.39 Plg=80 Azm=299
N -0.04 9 137
P -1.34 3 47
Best Double Couple:Mo=1.4*10**17
NP1:Strike=127 Dip=43 Slip= 76
NP2: 326 49 103

23 05 25 25.16 10.254N 122.357E 27km
4.9mb (25 obs.) 4.4Msz (3 obs.)
PANAY, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 25C
Centroid Location:
Origin Time 05:25:25.3 0.7
Lat 10.03N 0.07 Lon 122.69E 0.12
Dep 24.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.41 Plg=54 Azm=237
N -0.04 32 88
P -5.37 14 348
Best Double Couple:Mo=5.4*10**16
NP1:Strike= 42 Dip=41 Slip= 37
NP2: 283 67 125

23 05 56 51.27 53.070S 159.456E 10km
5.1mb (4 obs.)
MACQUARIE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 86C
Centroid Location:
Origin Time 05:56:57.7 0.2
Lat 52.89S 0.03 Lon 159.29E 0.04
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.26 Plg= 3 Azm=164
N -0.09 86 310
P -2.17 2 73
Best Double Couple:Mo=2.2*10**17
NP1:Strike=208 Dip=86 Slip= 179
NP2: 299 89 4

23 19 10 26.68 7.016S 156.676E 23km
5.4mb (42 obs.) 4.7Msz (2 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 63C
Centroid Location:
Origin Time 19:10:29.8 0.3
Lat 7.17S 0.04 Lon 156.99E 0.04
Dep 27.8 4.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.61 Plg= 3 Azm=151
N 1.69 81 45
P -11.30 9 242
Best Double Couple:Mo=1.0*10**17
NP1:Strike=286 Dip=82 Slip= -4
NP2: 17 86 -172

23 21 47 04.28 54.615N 161.518E 33km
5.2mb (74 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 30C
Centroid Location:
Origin Time 21:47: 6.7 0.9
Lat 54.25N 0.09 Lon 162.57E 0.13
Dep 43.3 7.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	3.43	65	12
N	-0.70	24	204
P	-2.73	5	112

Best Double Couple:Mo=3.1*10**16

	Strike=	Dip=	Slip=
NP1:	178	45	54
NP2:	43	55	121

24 10 38 49.27 12.950N 121.373E 62km
5.3mb (26 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 28C
Centroid Location:
Origin Time 10:38:47.8 0.5
Lat 12.81N 0.05 Lon 121.81E 0.08
Dep 37.3 6.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	3.55	6	319
N	1.62	8	50
P	-5.17	80	196

Best Double Couple:Mo=4.4*10**16

	Strike=	Dip=	Slip=
NP1:	40	40	-103
NP2:	237	51	-79

24 13 21 15.56 5.294S 150.461E 142km
5.5mb (55 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 59C
Centroid Location:
Origin Time 13:21:19.7 0.4
Lat 5.53S 0.04 Lon 150.55E 0.04
Dep 150.2 0.9 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.07	2	309
N	0.46	11	218
P	-1.53	78	49

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

	Strike=	Dip=	Slip=
NP1:	50	44	-74
NP2:	208	48	-105

24 19 42 44.63 13.099S 167.100E 218km
5.6mb (44 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 65C
Centroid Location:
Origin Time 19:42:48.6 0.3
Lat 13.24S 0.03 Lon 167.07E 0.02
Dep 218.0 1.3 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.11	87	229
N	0.21	2	359
P	-1.32	3	89

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

	Strike=	Dip=	Slip=
NP1:	181	43	93
NP2:	357	48	87

25 08 49 50.03 43.809N 149.012E 61km
5.4mb (87 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 25C
Centroid Location:
Origin Time 08:49:53.0 1.1
Lat 43.93N 0.10 Lon 149.25E 0.11
Dep 34.2 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.51	76	314
N	1.43	0	224
P	-6.94	14	134

Best Double Couple:Mo=6.2*10**16

	Strike=	Dip=	Slip=
NP1:	224	31	90
NP2:	44	59	90

26 04 48 03.23 2.889N 79.494W 10km
5.1mb (60 obs.) 4.5Msz (8 obs.)
SOUTH OF PANAMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 43C
Centroid Location:
Origin Time 04:48: 7.5 0.5
Lat 2.65N 0.06 Lon 79.32W 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.46	10	284
N	-0.06	14	16
P	-9.40	72	159

Best Double Couple:Mo=9.4*10**16

	Strike=	Dip=	Slip=
NP1:	357	37	-114
NP2:	206	57	-73

26 06 11 10.20 20.126S 169.126E 36km
5.8mb (57 obs.) 5.4Msz (42 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 80C
Centroid Location:
Origin Time 06:11:16.9 0.2
Lat 20.21S 0.02 Lon 168.84E 0.02
Dep 36.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.29	83	19
N	0.55	6	164
P	-4.83	4	254

Best Double Couple:Mo=4.6*10**17

	Strike=	Dip=	Slip=
NP1:	351	41	99
NP2:	159	49	82

26 11 21 00.81 0.147N 123.681E 199km
5.2mb (33 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 19C
Centroid Location:
Origin Time 11:21: 1.0 0.8
Lat 0.55N 0.10 Lon 124.15E 0.12
Dep 185.2 3.8 Half-duration 2.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.98	41	24
N	4.20	37	254
P	-14.18	28	141

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

	Strike=	Dip=	Slip=
NP1:	180	38	12
NP2:	80	82	127

27 18 27 08.01 5.768N 119.324E 27km
5.4mb (33 obs.) 4.9Msz (15 obs.)
SULU ARCHIPELAGO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 58C
Centroid Location:
Origin Time 18:27:11.6 0.3
Lat 5.90N 0.03 Lon 119.40E 0.04
Dep 34.0 3.7 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.26	28	13
N	-0.44	61	173
P	-1.82	8	278

Best Double Couple:Mo=2.0*10**17

	Strike=	Dip=	Slip=
NP1:	52	64	165
NP2:	148	77	26

28 18 32 44.01 13.615N 143.915E 208km
5.3mb (55 obs.)
SOUTH OF MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 26C
Centroid Location:
Origin Time 18:32:47.6 0.8
Lat 13.22N 0.05 Lon 143.73E 0.12
Dep 199.6 3.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.72	48	53
N	-0.24	30	283
P	-9.47	26	176

Best Double Couple:Mo=9.6*10**16

	Strike=	Dip=	Slip=
NP1:	219	33	22
NP2:	110	78	121

29 08 21 54.73 22.126S 175.894W 88km
5.2mb (39 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 43C
Centroid Location:
Origin Time 08:22: 1.1 0.4
Lat 21.87S 0.06 Lon 175.87W 0.04
Dep 108.3 3.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.50	39	86
N	0.10	22	337
P	-8.60	43	224

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

	Strike=	Dip=	Slip=
NP1:	240	23	-6
NP2:	336	88	-113

29 14 30 28.40 38.707N 20.484E 21km
4.9mb (44 obs.) 4.8Msz (6 obs.)
GREECE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 14C
Centroid Location:
Origin Time 14:30:31.4 1.4
Lat 38.61N 0.12 Lon 20.49E 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.08	0	140
N	-0.47	90	180
P	-4.61	0	50

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

	Strike=	Dip=	Slip=
NP1:	185	90	-180
NP2:	275	90	0

29 20 32 44.96 20.150S 168.925E 33km
5.2mb (25 obs.)
LOYALTY ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 41C
Centroid Location:
Origin Time 20:32:51.5 0.6
Lat 20.10S 0.05 Lon 168.62E 0.05
Dep 46.2 3.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.62	59	180
N	3.31	30	12
P	-9.92	5	279

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

	Strike=	Dip=	Slip=
NP1:	341	48	47
NP2:	214	57	127

30 02 28 15.52 10.774N 41.033W 10km
4.9mb (41 obs.) 4.6Msz (22 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 29C
Centroid Location:
Origin Time 02:28:21.1 0.7
Lat 10.80N 0.09 Lon 41.04W 0.09
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.19	7	40
N	-0.87	75	284
P	-4.32	13	132

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

	Strike=	Dip=	Slip=
NP1:	175	76	-5
NP2:	266	86	-166

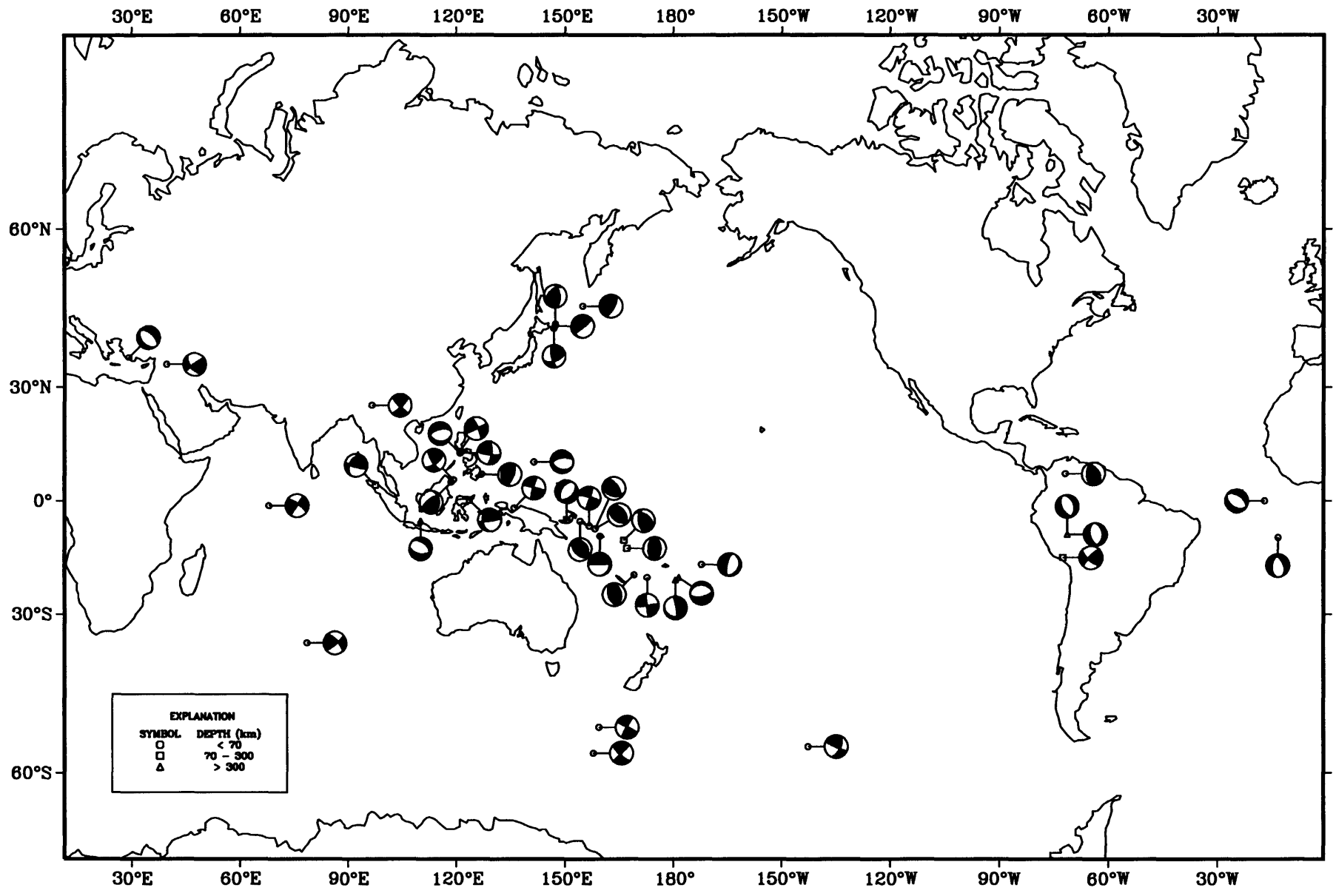
30 21 50 54.14 2.871N 84.306W 33km
5.3mb (34 obs.)
OFF COAST OF CENTRAL AMERICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 35C
Centroid Location:
Origin Time 21:50:54.3 0.6
Lat 2.63N 0.08 Lon 84.37W 0.08
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

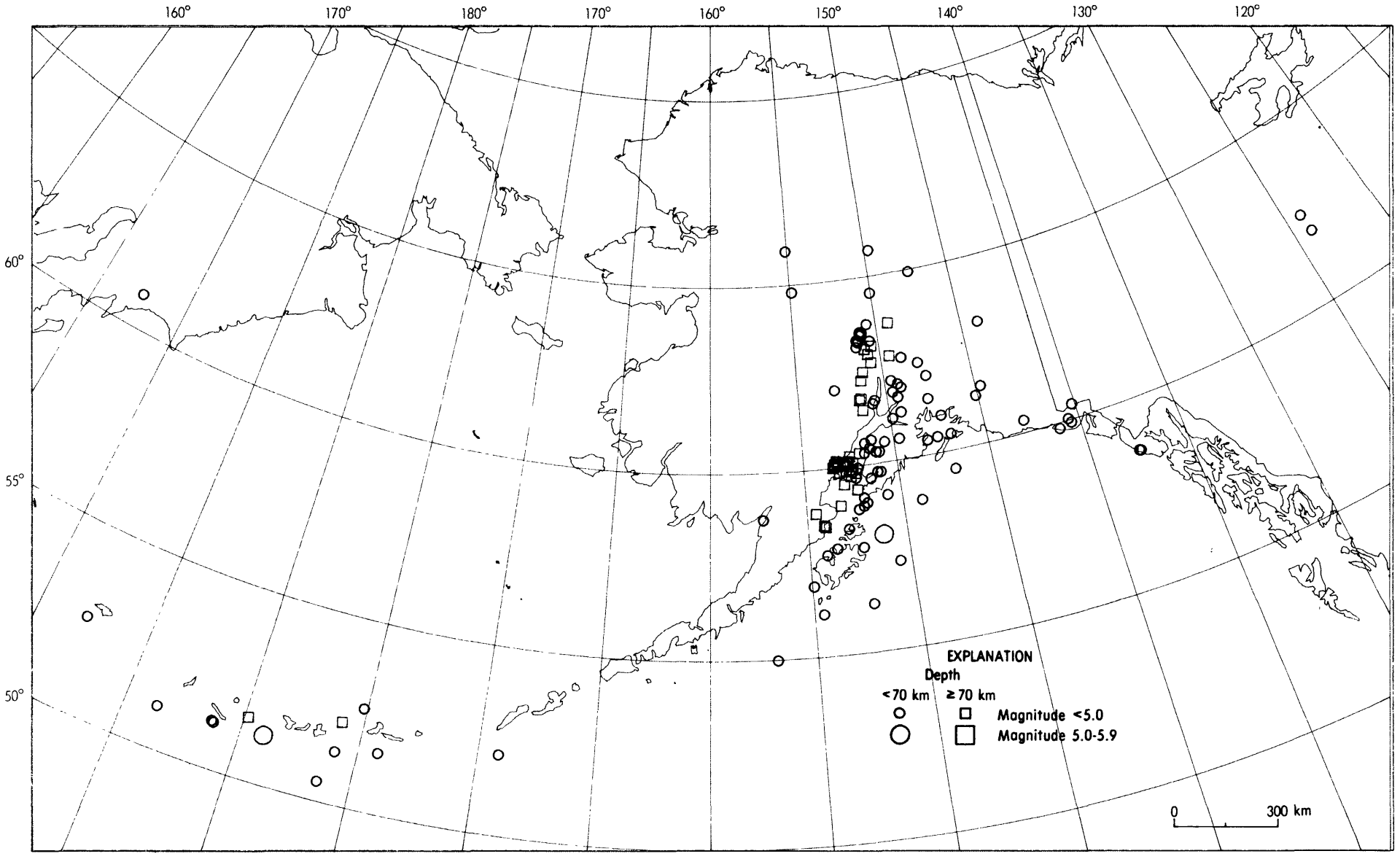
	Val=	Plg=	Azm=
T	7.01	25	2

N	1.27	6	95		
P	-8.28	64	199		
Best Double Couple:Mo=7.6*10**16					
NP1:Strike= 78	Dip=21	Slip=-108			
NP2:	277	70	-83		

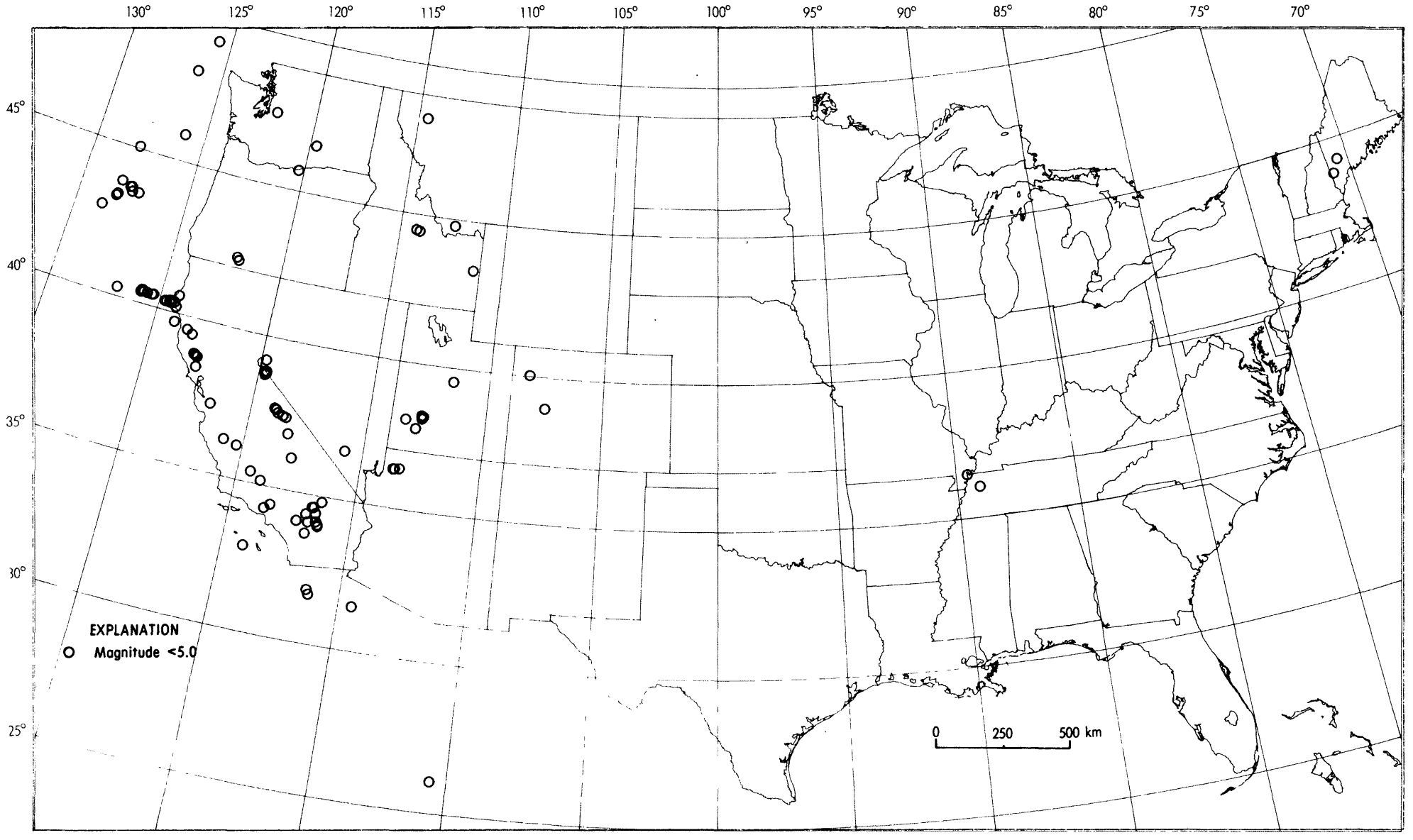
Compiled by Francis W. Baldwin, Pamela J. Benfield, Pingsheng Chang, George L. Choy, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder, Stuart A. Sipkin and Madeleine D. Zirbes.

Earthquake Focal Mechanisms for November 1994

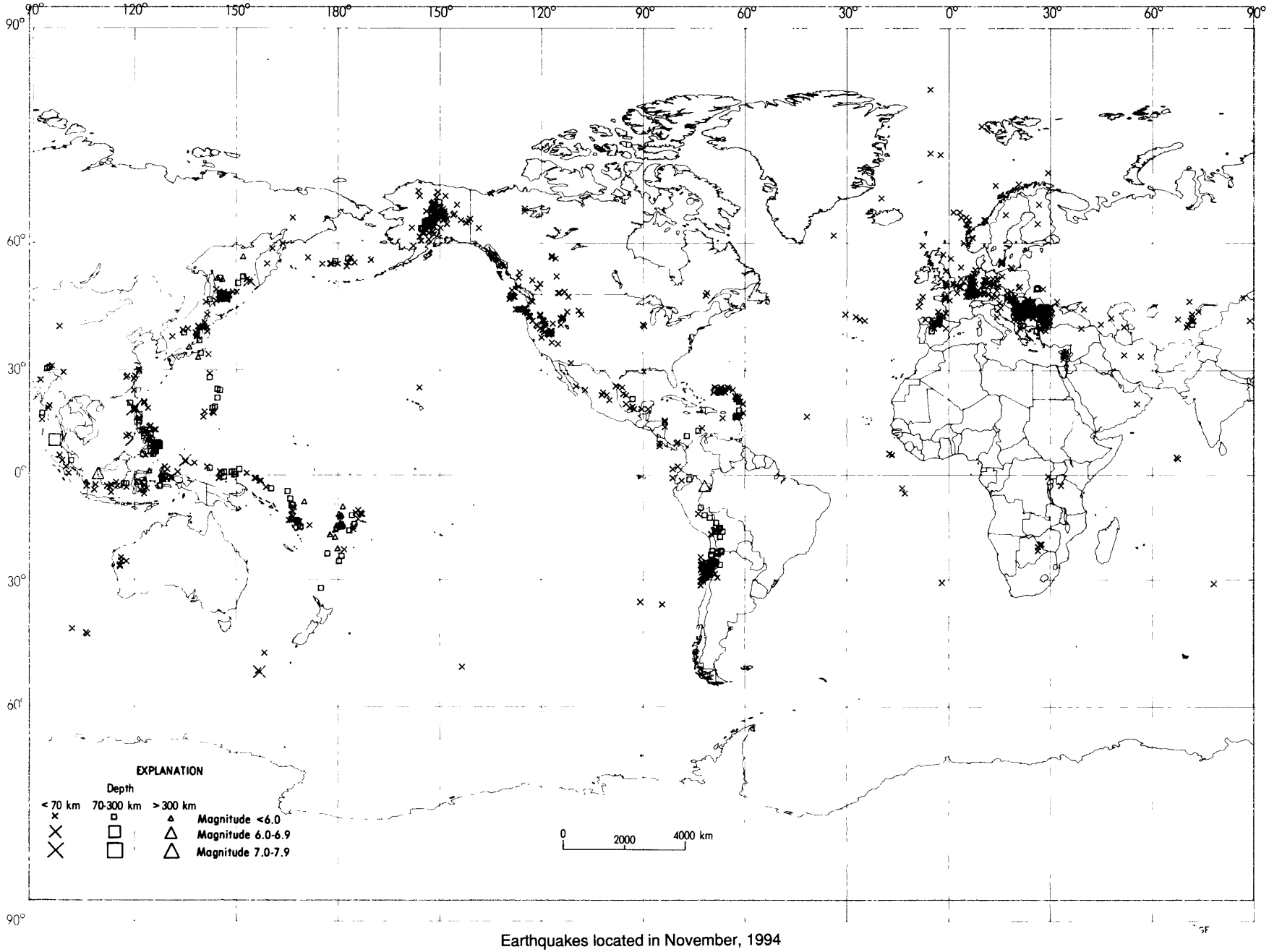




Earthquake epicenters in Alaska and adjacent regions for November, 1994



Earthquake epicenters in the conterminous United States and adjacent regions for November, 1994



Earthquakes located in November, 1994

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National Earthquake Information Center

OCTOBER 1994

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	07	41.1&	60.150	N	153.343	W	148					39	SOUTHERN ALASKA. <AEIC>.
	01	00	08	51.2	42.901	N	7.638	E	10	G			0.7	13	WESTERN MEDITERRANEAN SEA. ML 2.7 (LDG), 2.5 (GEN).
	01	00	26	18.2&	38.843	N	119.773	W	1					53	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK).
	01	00	58	33.7	8.366	N	103.185	W	33	N	4.8		0.9	51	OFF COAST OF MEXICO
	01	01	06	28.4	11.220	N	87.917	W	33	N	4.9	5.0	1.2	87	NEAR COAST OF NICARAGUA
	01	01	22	30.5	44.492	N	9.706	E	10	G			0.9	48	NORTHERN ITALY. ML 3.2 (GEN), 3.1 (LDG).
	01	02	35	41.7&	43.075	N	0.861	W	10	G			0.1	7	PYRENEES. ML 1.0 (STR).
	01	03	29	05.1	41.867	N	22.857	E	10	G			1.0	8	NORTHWESTERN BALKAN REGION
	01	03	31	40.6	41.788	N	22.921	E	10	G			0.4	6	NORTHWESTERN BALKAN REGION
	01	03	46	08.9&	63.743	N	150.767	W	19					44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	01	04	35	09.0?	40.67	N	29.92	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	01	05	52	31.2?	32.18	S	71.92	W	10	G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	01	07	04	56.0?	10.37	N	86.57	W	33	N	4.7		1.2	23	OFF COAST OF COSTA RICA
	01	07	14	39.0	35.912	N	27.923	E	95		3.8		0.7	48	DODECANESE ISLANDS. MD 4.0 (ATH).
	01	07	33	51.0	5.708	S	76.956	W	33	N	4.8		1.1	50	NORTHERN PERU
	01	08	25	14.7	27.149	N	57.548	E	46	D	5.0		0.9	114	SOUTHERN IRAN
	01	08	40	13.0?	39.41	N	29.62	E	10	G			0.5	5	TURKEY. ML 2.7 (ISK).
	01	08	47	13.8*	17.957	S	167.867	E	33	N	4.4		1.4	15	VANUATU ISLANDS
	01	09	44	32.4*	21.753	N	121.436	E	33	N	4.4		1.3	5	TAIWAN REGION
	01	10	18	36.9?	39.15	N	27.53	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	01	11	23	56.2&	39.138	N	27.662	E	10	G			0.9	5	TURKEY. ML 2.8 (ISK).
	01	12	21	39.9?	32.41	S	71.57	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	01	12	44	36.0	10.726	N	62.566	W	109		4.2		0.8	40	NEAR COAST OF VENEZUELA. MD 4.6 (TRN).
	01	12	52	42.3&	39.684	N	29.429	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	01	13	06	45.0?	17.70	S	178.92	W	651	?	4.8		0.9	12	FIJI ISLANDS REGION
	01	14	04	20.0	13.116	N	50.416	E	10	G	4.9	4.4	1.2	102	EASTERN GULF OF ADEN
	01	14	13	51.1	10.688	N	62.612	W	100	G			0.8	11	NEAR COAST OF VENEZUELA. MD 3.8 (TRN).
	01	14	30	35.9&	61.643	N	151.842	W	93		4.4			182	SOUTHERN ALASKA. <AEIC>. Felt (III) at Anchorage and (II) at Palmer.
	01	14	54	28.6*	18.278	S	178.475	W	645	*	5.5		1.0	28	FIJI ISLANDS REGION
a	01	15	03	31.3	17.849	S	167.805	E	26	D	5.4	5.3	1.1	154	VANUATU ISLANDS. Mw 5.7 (HRV). Mo=5.3*10**17 Nm (PPT).
	01	16	29	54.7?	39.71	N	29.47	E	10	G			0.8	7	TURKEY. ML 2.8 (ISK).
	01	16	32	11.0*	8.470	N	103.405	W	33	N	4.6		1.1	27	OFF COAST OF MEXICO
	01	16	34	30.2&	34.102	S	71.305	W	60	G			0.1	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
a	01	16	35	20.7	17.745	S	167.682	E	17	G	5.9	6.5	1.1	378	VANUATU ISLANDS. Mw 6.4 (GS), 6.5 (HRV). Ms 6.5 (BRK). Mo=9.9*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	01	16	44	31.7&	42.517	N	24.376	E	10	G			1.4	6	BULGARIA
	01	17	06	59.6*	18.107	S	167.303	E	33	N			0.9	26	VANUATU ISLANDS
	01	17	29	32.3*	17.884	S	167.845	E	33	N	4.7		1.2	35	VANUATU ISLANDS
	01	17	45	48.8?	18.50	S	166.65	E	33	N	4.4		1.4	5	VANUATU ISLANDS REGION
a	01	17	46	37.5	17.768	S	167.830	E	33	N	5.8	6.3	1.1	326	VANUATU ISLANDS. Mw 6.2 (HRV). Ms 6.3 (BRK). Mo=5.3*10**18 Nm (PPT).
	01	17	54	16.7*	17.962	S	167.321	E	33	N	5.1		1.0	76	VANUATU ISLANDS
	01	18	16	22.2	18.040	S	167.365	E	33	N	5.1	5.4	1.1	67	VANUATU ISLANDS
	01	18	20	11.1*	17.801	S	167.835	E	33	N	4.7		1.1	24	VANUATU ISLANDS
	01	18	23	49.0*	17.885	S	176.314	W	33	N	4.9		1.1	41	FIJI ISLANDS REGION
	01	18	40	13.5&	37.502	N	118.865	W	9					27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	01	19	48	26.5*	5.576	N	127.497	E	60	*	5.0	4.7	0.9	26	PHILIPPINE ISLANDS REGION
	01	20	12	19.0*	17.984	S	167.520	E	33	N	4.9		1.1	86	VANUATU ISLANDS
	01	20	39	05.4*	18.128	S	167.388	E	33	N	4.8		1.2	60	VANUATU ISLANDS
	01	20	49	31.6&	10.513	N	69.288	W	33	N			0.9	5	VENEZUELA
	01	21	01	28.3	17.806	S	167.790	E	25	D	5.3	4.9	1.1	68	VANUATU ISLANDS
	01	21	43	22.1	10.475	N	147.568	E	33	N	4.8		0.9	36	E. CAROLINE ISLANDS, MICRONESIA
	01	21	57	35.7&	11.078	N	61.862	W	33	N			0.6	5	WINDWARD ISLANDS. MD 3.3 (TRN).
	01	22	04	09.5*	18.041	S	167.572	E	33	N	4.8		1.2	83	VANUATU ISLANDS
a	01	23	28	56.2	17.638	S	167.787	E	18	D	5.2		1.2	103	VANUATU ISLANDS. Mw 5.4 (HRV).

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a	01	23	53	59.4	17.884	S	167.436	E	33	N	4.9	4.9	1.0	95	VANUATU ISLANDS. Mw 5.4 (HRV).
	02	00	44	19.8	7.021	S	13.113	W	10	G	4.8	5.3	0.9	71	ASCENSION ISLAND REGION
a	02	00	55	37.4	8.121	N	93.935	E	33	N	5.1	4.6	1.1	157	NICOBAR ISLANDS, INDIA. Mw 5.2 (HRV).
	02	01	32	52.6	8.029	N	93.965	E	33	N	4.6		1.0	25	NICOBAR ISLANDS, INDIA
	02	01	47	16.9*	39.040	N	26.985	E	10	G			0.5	5	TURKEY. ML 3.0 (ISK).
	02	02	01	14.3&	59.286	N	153.522	W	98					39	SOUTHERN ALASKA. <AEIC>.
	02	02	03	36.9%	38.234	N	1.144	W	17				0.6	12	SPAIN. mbLg 3.1 (MDD).
	02	02	43	50.6	35.381	N	0.109	W	15				0.7	26	NORTHERN ALGERIA. mbLg 3.7 (MDD).
	02	03	18	35.6*	17.956	S	167.949	E	10	G	4.0		1.3	21	VANUATU ISLANDS
	02	03	22	56.1%	44.528	N	8.531	E	10	G			0.1	6	NORTHERN ITALY. ML 2.0 (GEN).
	02	03	26	54.6*	17.847	S	167.966	E	33	N	4.9		1.2	50	VANUATU ISLANDS
	02	03	45	16.4*	17.873	S	167.899	E	10	G	3.6		1.2	17	VANUATU ISLANDS
	02	04	11	39.0&	59.434	N	152.486	W	73					40	SOUTHERN ALASKA. <AEIC>.
	02	04	52	08.6?	33.74	S	72.91	W	10	G			0.7	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	02	05	18	16.8	32.488	S	71.703	W	10	G			0.7	14	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	02	05	20	38.1	17.811	S	167.730	E	33	N	4.2		0.9	27	VANUATU ISLANDS
	02	06	34	52.0*	17.962	S	167.828	E	33	N	4.3		1.3	19	VANUATU ISLANDS
	02	08	45	59.8*	39.110	N	27.626	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	02	09	07	00.1%	39.127	N	27.619	E	10	G			0.5	5	TURKEY. ML 2.8 (ISK).
	02	09	45	35.1	42.569	N	0.122	E	5	G			1.2	26	PYRENEES. ML 3.2 (LDG). MD 2.7 (MDD).
	02	09	57	35.4*	11.150	N	62.608	W	10	G			1.0	7	WINDWARD ISLANDS. MD 3.5 (TRN).
a	02	10	14	32.3	17.563	S	168.053	E	10	G	5.3	4.9	1.2	75	VANUATU ISLANDS. Mw 5.4 (HRV). Ms 5.0 (BRK).
	02	10	34	15.7?	14.86	S	178.70	E	33	N	4.8	4.8	1.3	6	FIJI ISLANDS REGION
	02	10	34	31.9*	17.838	S	167.876	E	33	N	4.3		0.9	15	VANUATU ISLANDS
	02	10	35	45.4*	17.780	S	167.645	E	33	N	5.2	5.1	1.2	46	VANUATU ISLANDS
	02	10	46	09.7?	17.80	S	168.54	E	59	*	4.5		0.6	7	VANUATU ISLANDS
	02	11	08	04.1	70.004	N	15.153	W	10	G	4.6	4.7	1.4	33	JAN MAYEN ISLAND REGION
	02	11	27	22.5	42.347	N	72.277	W	10	G			0.6	14	SOUTHERN NEW ENGLAND. mbLg 3.7 (GS), 3.5 (OTT). Felt (IV) at Barre, Belchertown, Gilbertville, Granby, Hardwick, Leverett, Ludlow, Oakham, Shutesbury, South Hadley, Springfield, Thorndike, Ware, Warren, Wheelwright and Wilbraham, Massachusetts. Felt at Boston, Massachusetts and Nashua, New Hampshire. Also felt in parts of northern Connecticut.
	02	11	48	45.3*	17.589	S	167.673	E	33	N	4.7		1.1	46	VANUATU ISLANDS
	02	12	58	49.3?	34.17	N	74.60	E	33	N	4.5		0.5	22	SOUTHWESTERN KASHMIR
	02	13	56	52.7%	39.694	N	29.481	E	10	G			0.8	9	TURKEY. ML 2.8 (ISK).
	02	14	36	36.7	42.360	N	72.218	W	10	G			0.5	7	SOUTHERN NEW ENGLAND. mbLg 3.3 (GS), 3.1 (OTT).
	02	14	46	01.5&	38.736	N	119.674	W	8					15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	02	15	19	41.4&	34.203	N	116.826	W	6					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	15	30	33.8	18.555	N	145.518	E	205	D	4.8		1.1	109	MARIANA ISLANDS
	02	15	52	49.7*	17.776	S	167.784	E	33	N	4.3		1.1	14	VANUATU ISLANDS
	02	16	13	09.2%	39.666	N	29.459	E	10	G			0.7	10	TURKEY. ML 2.9 (ISK).
	02	16	20	16.8	38.554	N	73.888	E	125	D	4.7		1.0	101	TAJIKISTAN-XINJIANG BORDER REG.
	02	16	55	19.7*	6.571	S	146.641	E	125		4.8		1.2	14	EASTERN NEW GUINEA REG., P.N.G.
	02	19	28	20.9*	31.193	S	68.564	W	94	?			0.7	8	SAN JUAN PROVINCE, ARGENTINA
	02	19	48	48.8	7.066	S	128.975	E	115	*	4.8		1.2	35	BANDA SEA
	02	19	52	39.0*	37.797	N	21.065	E	10	G			1.4	5	SOUTHERN GREECE. MD 3.5 (ATH).
	02	20	06	13.4?	2.26	S	138.23	E	33	N	4.7		1.0	7	IRIAN JAYA, INDONESIA
	02	20	31	19.7*	17.768	S	167.813	E	33	N	4.8		1.2	45	VANUATU ISLANDS
	02	20	34	24.7?	39.05	N	28.40	E	10	G			1.5	4	TURKEY. ML 2.8 (ISK).
	02	21	47	35.2&	38.753	N	119.724	W	0					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
a	02	22	10	39.6	25.327	S	177.081	W	65	D	5.4		0.9	93	SOUTH OF FIJI ISLANDS. Mw 5.2 (HRV). mb 5.4 (BRK).
	02	22	24	49.9	45.567	N	15.940	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU).
	02	22	39	30.3%	26.418	S	27.387	E	10	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE).
	02	22	42	09.5%	11.937	N	60.742	W	33	N			0.4	10	WINDWARD ISLANDS. MD 3.8 (TRN).
	02	23	52	26.6&	40.579	N	124.293	W	25					26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). Felt (III) at Rio Dell.
	02	23	54	33.3?	52.06	N	168.71	W	33	N	4.2		1.9	8	FOX ISLANDS, ALEUTIAN ISLANDS
	03	00	12	23.9?	17.47	S	169.50	E	33	N	4.6		1.5	6	VANUATU ISLANDS
	03	02	01	56.1*	63.640	N	2.380	E	10	G			0.7	9	NORWEGIAN SEA. ML 3.2 (BGS). MD 3.1 (BER).
	03	02	22	45.6*	32.763	N	48.880	E	67	?	4.6		0.8	10	WESTERN IRAN. Felt at Masjed Soleyman.
	03	03	08	00.6	35.640	N	5.736	E	10	G	4.2		1.0	52	NORTHERN ALGERIA. mbLg 3.9 (MDD).
	03	03	32	02.8&	60.146	N	151.456	W	43					67	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
	03	06	00	32.3*	51.345	N	15.821	E	10	G			0.9	6	POLAND
	03	06	30	11.5&	37.540	N	118.848	W	10					29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	03	06	50	26.9*	0.699	N	29.158	W	10	G	4.7		1.3	15	CENTRAL MID-ATLANTIC RIDGE
	03	07	40	51.0*	31.131	S	68.502	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	03	07	53	49.9?	39.13	N	27.58	E	10	G			0.7	4	TURKEY. ML 2.7 (ISK).
	03	08	28	49.7&	34.569	N	120.052	W	13					63	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (BRK), 3.1 (GS). Felt (IV) at Solvang, (III) at Santa Ynez and (II) at Santa Barbara.
	03	08	39	26.4*	39.146	N	27.631	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	03	08	43	50.1?	39.15	N	27.40	E	5	G			0.5	4	TURKEY. ML 2.7 (ISK).
	03	09	49	17.0?	39.64	N	29.56	E	5	G			0.7	4	TURKEY. ML 2.6 (ISK).
	03	10	08	04.3*	39.153	N	27.586	E	10	G			0.2	5	TURKEY. ML 2.8 (ISK).
	03	11	12	14.1?	1.30	S	123.49	E	33	N	4.1		1.3	5	SULAWESI, INDONESIA
	03	11	30	11.9&	32.012	N	114.845	W	10					11	W. ARIZONA-SONORA BORDER REGION. <ECX-P>. MD 3.8 (ECX). Felt at Riito, Sonora, Mexico.
	03	11	57	41.6?	31.31	S	68.69	W	79	?			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	03	12	17	51.5%	39.116	N	27.608	E	10	G			0.8	5	TURKEY. ML 2.7 (ISK).
	03	12	20	38.6%	39.124	N	27.565	E	10	G			0.7	5	TURKEY. ML 2.8 (ISK).
	03	12	31	30.0*	40.979	N	21.343	E	10	G			1.3	15	GREECE. ML 3.2 (TTG), 2.8 (TIR).
	03	12	37	27.6%	33.684	S	71.206	W	60	G			0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	03	13	06	41.0%	39.250	N	27.696	E	10	G			0.9	5	TURKEY. ML 2.7 (ISK).
	03	13	09	56.2%	62.663	N	124.852	W	10	G	3.7		1.2	11	NORTHWEST TERRITORIES, CANADA
	03	13	25	20.4%	40.133	N	29.517	E	10	G			1.0	6	TURKEY. ML 2.7 (ISK).
	03	13	46	52.2*	10.164	N	60.934	W	75	*			1.1	16	TRINIDAD. MD 4.2 (TRN).
a	03	14	00	48.6	32.066	N	114.948	W	10	G	4.5		1.1	61	W. ARIZONA-SONORA BORDER REGION. Mw 5.2 (HRV). MD 4.9 (ECX). Felt (IV) at Gadsden; (III) at Welton; (II) at Dateland and Tacna, Arizona. Felt (III) at Jacumba and Winterhaven; (II) at Bard and Niland, California. Felt at Riito and San Luis Rio Colorado, Sonora, Mexico.

														Also felt at Mexicali, Baja California, Mexico.
	03	14	47	07.9*	2.228	S	133.762	E	33	N	4.7	1.3	13	IRIAN JAYA REGION, INDONESIA
a	03	16	22	56.4	2.100	S	133.901	E	33	N	4.9 4.6	1.4	34	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV).
	03	16	35	27.7&	61.866	N	152.049	W	127				45	SOUTHERN ALASKA. <AEIC>.
	03	17	54	10.7%	9.686	N	69.765	W	10	G		0.8	9	VENEZUELA. Felt at El Tocuyo and Guarico.
	03	17	55	56.5	35.311	N	139.465	E	33	N	4.1	0.8	15	NEAR S. COAST OF HONSHU, JAPAN
	03	18	16	04.5*	62.309	N	6.449	E	10	G		1.0	6	SOUTHERN NORWAY. ML 2.5 (NAO). MD 2.5 (BER).
	03	18	17	21.1?	34.63	S	71.11	W	80	G		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	03	18	29	57.3&	38.783	N	122.749	W	2				27	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	03	19	16	58.4	46.325	N	1.573	E	10	G		1.1	19	FRANCE. ML 3.0 (LDG).
	03	19	17	27.9%	46.334	N	1.387	E	10	G		0.4	8	FRANCE. ML 3.1 (LDG).
	03	19	25	05.9&	40.405	N	122.032	W	22				26	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (GS).
	03	19	25	47.9%	42.566	N	19.025	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	03	19	54	42.4	39.927	N	29.315	E	5	G		0.5	16	TURKEY. ML 3.4 (ISK).
	03	20	50	37.6?	43.28	N	7.20	E	10	G		0.2	4	NEAR SOUTH COAST OF FRANCE. ML 1.8 (LDG).
	03	20	54	58.6*	31.652	S	68.628	W	93	?		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	03	21	11	42.9*	43.267	N	7.182	E	10	G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.0 (STR), 1.8 (LDG).
	03	21	18	08.6?	43.29	N	7.18	E	10	G		0.1	4	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
	03	21	30	15.7?	38.94	N	29.72	E	10	G		1.2	4	TURKEY. ML 2.8 (ISK).
	03	22	48	44.3%	39.938	N	29.332	E	5	G		0.5	12	TURKEY. ML 3.0 (ISK).
	03	23	13	03.7	35.395	N	136.799	E	33	N		0.8	9	WESTERN HONSHU, JAPAN
	04	00	01	37.4*	35.969	N	0.699	W	10	G		1.0	11	NORTHERN ALGERIA. mbLg 3.7 (MDD).
	04	00	03	05.5?	23.63	S	177.68	W	33	N	4.5	1.2	10	SOUTH OF FIJI ISLANDS
	04	00	25	33.0&	33.196	N	115.568	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	04	00	55	02.3&	59.586	N	151.294	W	5				67	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	04	01	53	44.0	5.869	S	130.728	E	98	*	4.6	0.8	20	BANDA SEA
	04	02	01	30.2*	38.388	N	16.595	E	10	G		0.8	18	SOUTHERN ITALY. ML 3.9 (TTG).
	04	02	42	37.8*	10.754	N	63.238	W	5	G		1.3	6	NEAR COAST OF VENEZUELA. MD 3.8 (TRN). Felt at Carupano.
	04	02	44	51.1*	31.614	S	69.073	W	114	*		1.1	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	04	02	54	28.9?	11.80	N	61.08	W	33	N		1.0	4	WINDWARD ISLANDS. MD 3.1 (TRN).
	04	04	36	12.4?	6.78	N	73.08	W	162	?		1.1	7	NORTHERN COLOMBIA
	04	05	32	54.3	39.885	N	1.250	W	10	G		0.9	6	SPAIN. mbLg 2.7 (MDD).
	04	05	58	06.2	19.784	N	109.214	W	10	G	4.3	1.0	22	REVILLA GIGEDO ISLANDS REGION
	04	06	17	44.2%	33.433	S	70.783	W	70	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	04	06	23	11.6*	32.116	S	71.093	W	50	G		1.1	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	04	07	19	55.5	47.756	N	7.644	E	10	G		0.2	8	SWITZERLAND. ML 1.7 (STR).
	04	07	21	50.0&	38.745	N	119.649	W	0				37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	04	08	19	37.9%	39.668	N	29.415	E	5	G		0.4	5	TURKEY. ML 2.7 (ISK).
	04	08	22	58.6%	39.650	N	29.399	E	10	G		0.5	7	TURKEY. ML 2.7 (ISK).
	04	08	49	12.9%	39.706	N	29.424	E	10	G		0.4	6	TURKEY. ML 2.8 (ISK).
	04	09	23	17.4?	39.22	N	27.75	E	10	G		0.9	4	TURKEY. ML 2.8 (ISK).
	04	09	33	13.6?	39.13	N	27.67	E	10	G		0.9	4	TURKEY. ML 2.7 (ISK).
	04	09	54	20.7	5.958	S	110.220	E	652	*	5.0	0.6	25	JAVA SEA
	04	10	08	31.1?	39.82	N	29.47	E	5	G		0.6	4	TURKEY. ML 2.5 (ISK).
	04	11	09	19.0%	39.923	N	29.370	E	10	G		0.9	5	TURKEY. ML 2.7 (ISK).
	04	11	35	54.0?	40.72	N	29.90	E	5	G		0.0	4	TURKEY. ML 2.6 (ISK).
	04	11	48	26.6%	39.716	N	29.506	E	10	G		0.8	5	TURKEY. ML 2.7 (ISK).
	04	11	53	11.4%	33.455	S	71.099	W	70	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
a	04	12	09	40.1	6.218	S	104.891	E	24	D	5.6 4.7	0.9	98	SUNDA STRAIT. Mw 5.2 (HRV).
	04	12	15	32.0%	39.651	N	29.428	E	10	G		0.8	10	TURKEY. ML 2.8 (ISK).
	04	12	37	25.2%	39.668	N	29.443	E	5	G		0.4	5	TURKEY. ML 2.8 (ISK).
a	04	13	22	55.8	43.773	N	147.321	E	14		7.3 8.1	0.9	672	KURIL ISLANDS. Mw 8.2 (GS), 8.3 (HRV). Ms 7.9 (BRK). Mo=2.1*10**21 Nm (OBN), 2.0*10**21 Nm (PPT). At least 10 people killed or missing, many injured and damage on Iturup. Considerable damage (IX) on Shikotan from the earthquake and tsunami. Damage also occurred on Kunashir. Felt (IV) at Kurilsk; (III) at Severo-Kurilsk and on Matua; (II) on Simushir. One person died from a heart attack, at least 200 people were injured and extensive damage and landslides occurred along the eastern coast of Hokkaido. Felt strongly in northern Honshu and as far south as the Tokyo area. Tsunami wave heights from selected tide stations (peak-to-trough) were as follows: 346 cm. at Hanasaki, 164 cm. at Kushiro, 26 cm. at Abashiri, Hokkaido; 144 cm. at Miyako, 130 cm. at Hachinohe, 92 cm. at Ofunato, 62 cm. at Onahama, 46 cm. at Omae-zaki, 42 cm. at Choshi, Honshu; 162 cm. on Chichi-shima; 300 cm. at Yuzhno-Kurilsk, Kunashir Island, 15 cm. on Shemya, 16 cm. at Pago Pago, American Samoa, 17 cm. on Wake Island, 50 cm. on Midway Island and 48 cm. at Hilo, Hawaii. Complex event observed on broadband displacement seismograms.
	04	13	40	25.5?	43.70	N	148.32	E	33	N		1.1	8	EAST OF KURIL ISLANDS
	04	13	42	52.3	43.788	N	147.187	E	61	D	6.1	1.2	229	KURIL ISLANDS
	04	13	51	10.6	43.682	N	147.576	E	60		5.6	0.8	63	KURIL ISLANDS
	04	13	52	45.4	43.786	N	147.760	E	30	D	5.9	0.8	101	KURIL ISLANDS
	04	13	57	02.8*	43.381	N	147.859	E	10	G	5.4	0.9	37	KURIL ISLANDS
	04	14	04	18.2?	43.19	N	145.22	E	33	N	5.0	0.6	23	HOKKAIDO, JAPAN REGION
	04	14	07	19.0?	44.84	N	144.25	E	33	N	4.4	0.9	7	HOKKAIDO, JAPAN REGION
	04	14	09	38.6*	43.046	N	147.676	E	33	N	4.9	1.2	19	KURIL ISLANDS
	04	14	12	06.5	43.790	N	147.195	E	60		5.4	0.9	110	KURIL ISLANDS
	04	14	23	24.0*	43.837	N	147.369	E	33	N	4.4	0.6	10	KURIL ISLANDS
	04	14	24	12.2*	44.208	N	147.683	E	34	*	4.9	0.8	39	KURIL ISLANDS
	04	14	30	25.9	43.173	N	147.586	E	33	N	5.1	1.0	41	KURIL ISLANDS
	04	14	33	14.0?	43.75	N	148.06	E	100	?	4.6	0.8	17	EAST OF KURIL ISLANDS
	04	14	35	23.6	43.070	N	147.131	E	33	N	4.8	1.3	20	KURIL ISLANDS
	04	14	38	28.7	43.672	N	147.340	E	48	D	5.2	0.8	83	KURIL ISLANDS
	04	14	40	22.4?	44.50	N	146.45	E	33	N	5.0	0.8	25	KURIL ISLANDS
	04	14	41	51.9	43.766	N	147.298	E	33	N	5.4	0.8	128	KURIL ISLANDS
	04	14	42	36.2	43.963	N	147.999	E	33	N	5.7	0.8	154	KURIL ISLANDS

04	14	47	50.6	43.250	N	147.066	E	60	*	5.2	0.7	57	KURIL ISLANDS
04	14	59	38.0&	38.786	N	119.704	W	5				31	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.1 (BRK).
04	15	04	34.8	43.311	N	147.367	E	33	N	5.0	0.7	59	KURIL ISLANDS
04	15	09	17.6	43.375	N	147.850	E	33	N	4.9	0.8	36	KURIL ISLANDS
04	15	10	39.3?	43.51	N	147.08	E	33	N		0.8	22	KURIL ISLANDS
04	15	18	15.6?	42.14	N	147.04	E	33	N	5.1	1.4	39	OFF COAST OF HOKKAIDO, JAPAN
04	15	20	50.8*	45.421	N	142.192	E	33	N	5.0	1.3	16	HOKKAIDO, JAPAN REGION
04	15	21	10.5*	44.890	N	147.276	E	33	N	5.1	0.6	43	KURIL ISLANDS
04	15	24	15.9	43.526	N	147.908	E	20	D	6.3	1.0	485	KURIL ISLANDS
04	15	34	53.0	43.776	N	147.210	E	33	N	5.5	0.8	83	KURIL ISLANDS
04	15	39	47.0*	43.693	N	147.997	E	33	N	5.0	1.3	20	KURIL ISLANDS
04	15	43	07.8	43.287	N	148.151	E	25	D	5.3	0.9	58	EAST OF KURIL ISLANDS
04	15	49	44.7*	43.367	N	147.775	E	37	D	4.9	1.0	40	KURIL ISLANDS
04	15	55	14.3	43.377	N	146.850	E	44	D	5.2	0.9	120	KURIL ISLANDS
04	15	59	18.0?	44.47	N	7.27	E	10	G		0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
04	15	59	33.8?	44.48	N	147.14	E	33	N	4.8	0.4	25	KURIL ISLANDS
04	16	01	02.4	43.706	N	147.991	E	16	D	6.3	0.9	507	KURIL ISLANDS
04	16	04	25.9*	43.940	N	147.987	E	33	N		1.0	17	KURIL ISLANDS
04	16	06	20.6	43.430	N	147.902	E	18	D	6.0	1.3	259	KURIL ISLANDS
04	16	16	11.2	43.655	N	147.639	E	48	D	5.2	0.7	118	KURIL ISLANDS
04	16	24	33.0	43.303	N	146.412	E	22	D	5.1	0.9	91	KURIL ISLANDS
04	16	26	38.5*	43.571	N	147.934	E	33	N	5.2	0.8	53	KURIL ISLANDS
04	16	30	53.8?	44.14	N	147.52	E	33	N	4.9	0.4	32	KURIL ISLANDS
04	16	32	43.5	43.492	N	147.877	E	42	D	5.2	0.9	77	KURIL ISLANDS
04	16	35	02.5*	43.491	N	148.098	E	33	N	5.0	0.9	39	EAST OF KURIL ISLANDS
04	16	37	58.5?	43.59	N	147.71	E	33	N	4.6	1.4	15	KURIL ISLANDS
04	16	40	59.6*	44.055	N	147.469	E	33	N	4.8	1.1	40	KURIL ISLANDS
04	16	43	39.8	43.409	N	147.626	E	27	D	5.1	0.9	73	KURIL ISLANDS
04	16	52	45.5	43.684	N	148.059	E	39	D	5.3	0.6	139	EAST OF KURIL ISLANDS
04	16	54	31.3	43.839	N	147.760	E	33	N	4.8	0.7	22	KURIL ISLANDS
04	16	55	24.7	43.630	N	147.465	E	33	N	4.9	0.6	44	KURIL ISLANDS
04	16	58	22.2*	15.425	N	93.632	W	106	*	4.5	1.0	14	NEAR COAST OF CHIAPAS, MEXICO
04	16	58	35.3*	43.566	N	148.034	E	40	D	5.0	0.8	45	EAST OF KURIL ISLANDS
04	17	01	23.9	43.591	N	147.320	E	33	N	5.0	0.9	55	KURIL ISLANDS
04	17	05	31.6?	43.33	N	151.13	E	33	N	4.8	1.0	16	EAST OF KURIL ISLANDS
04	17	07	09.4	43.524	N	147.565	E	34	D	5.1 4.7	0.9	108	KURIL ISLANDS
04	17	09	15.9?	44.48	N	145.69	E	33	N	4.6	0.9	9	HOKKAIDO, JAPAN REGION
04	17	12	12.5	43.817	N	147.211	E	47	D	5.1	0.8	63	KURIL ISLANDS
04	17	13	45.0*	44.017	N	147.098	E	33	N	4.9	1.2	30	KURIL ISLANDS
04	17	21	16.0?	45.84	N	7.03	E	10	G		0.6	4	NORTHERN ITALY. ML 2.2 (GEN).
04	17	22	00.9*	43.509	N	146.683	E	33	N	4.8	0.5	17	KURIL ISLANDS
04	17	28	52.1	43.722	N	147.491	E	33	N	4.9	0.7	82	KURIL ISLANDS
04	17	31	58.6?	44.21	N	146.73	E	33	N	5.1 5.3	1.4	20	KURIL ISLANDS
04	17	48	14.7	43.799	N	147.916	E	35	D	5.3 5.2	0.9	197	KURIL ISLANDS
04	17	50	34.7*	44.587	N	147.555	E	33	N	5.3	0.6	72	KURIL ISLANDS
04	17	51	58.7?	44.32	N	146.16	E	33	N	4.9	0.7	28	KURIL ISLANDS
04	17	56	05.3	43.785	N	147.288	E	33	N	5.0	0.7	55	KURIL ISLANDS
04	18	02	43.8	43.467	N	147.566	E	40	D	5.3 5.4	0.9	185	KURIL ISLANDS
04	18	06	46.7?	23.95	S	66.85	W	203	?		1.1	13	JUJUY PROVINCE, ARGENTINA
04	18	07	00.3*	43.962	N	146.757	E	33	N	5.0	0.6	52	KURIL ISLANDS
04	18	09	39.6	43.660	N	147.445	E	33	D	5.5 6.0	0.9	300	KURIL ISLANDS
04	18	14	26.1?	45.23	N	146.36	E	33	N	4.8	1.1	30	KURIL ISLANDS
04	18	17	22.7*	43.463	N	148.171	E	33	D	5.0	0.9	26	EAST OF KURIL ISLANDS
04	18	21	33.3	43.405	N	146.756	E	42	D	5.1	1.0	109	KURIL ISLANDS
04	18	25	49.8*	43.475	N	146.313	E	33	N	4.8	0.9	21	KURIL ISLANDS
04	18	31	50.2?	43.60	N	147.53	E	33	N	4.6	0.3	8	KURIL ISLANDS
04	18	34	53.2*	43.363	N	147.726	E	33	N	4.9	0.8	27	KURIL ISLANDS
04	18	52	07.1?	43.18	N	147.83	E	33	N	4.4	1.1	6	KURIL ISLANDS
04	18	59	57.0*	43.470	N	147.649	E	33	N	4.6	1.0	32	KURIL ISLANDS
04	19	01	43.0?	43.72	N	147.35	E	33	N	4.2	0.3	10	KURIL ISLANDS
04	19	10	02.6*	43.740	N	147.719	E	33	N	4.8	1.1	23	KURIL ISLANDS
04	19	15	52.4*	43.643	N	147.486	E	33	N	4.4	0.7	19	KURIL ISLANDS
04	19	16	28.9	43.774	N	147.504	E	35	D	6.0 5.6	0.9	506	KURIL ISLANDS
04	19	24	09.3	43.693	N	147.245	E	33	N	5.0	1.1	23	KURIL ISLANDS
04	19	45	50.0*	43.370	N	147.715	E	33	N	4.4	1.0	16	KURIL ISLANDS
04	19	53	02.0	19.584	N	109.210	W	10	G	4.9 4.9	1.3	47	REVILLA GIGEDO ISLANDS REGION
04	19	55	57.5	43.730	N	148.026	E	33	N	4.7	0.9	36	EAST OF KURIL ISLANDS
04	20	01	10.1	43.983	N	147.292	E	64	D	5.7	0.8	428	KURIL ISLANDS. mb 5.7 (BRK).
04	20	01	52.1?	18.22	N	97.47	W	33	N		1.0	5	CENTRAL MEXICO
04	20	06	30.1	43.267	N	147.779	E	36	D	5.4 5.1	0.9	106	KURIL ISLANDS
04	20	13	39.8*	43.270	N	147.899	E	33	N	4.7	1.2	8	KURIL ISLANDS
04	20	16	54.2	43.465	N	147.737	E	47	D	5.2	0.9	93	KURIL ISLANDS
04	20	31	36.2*	45.763	N	145.688	E	33	N	4.8	0.5	14	HOKKAIDO, JAPAN REGION
04	20	34	32.1?	43.26	N	147.60	E	33	N	4.7	1.3	29	KURIL ISLANDS
04	20	42	00.5	43.157	N	147.394	E	33	N	5.0	0.8	27	KURIL ISLANDS
04	20	56	56.3?	45.62	N	145.38	E	33	N	4.7	0.8	16	HOKKAIDO, JAPAN REGION
04	21	03	16.9?	43.61	N	147.29	E	33	N	4.2	1.0	10	KURIL ISLANDS
04	21	07	46.3?	43.79	N	146.48	E	33	N	4.7	0.4	24	KURIL ISLANDS
04	21	10	36.9*	43.370	N	146.903	E	33	N	4.7	0.8	11	KURIL ISLANDS
04	21	14	51.7?	43.16	N	146.68	E	33	N	4.4	0.2	5	KURIL ISLANDS
04	21	21	31.9&	58.240	N	153.334	W	27				47	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
04	21	22	24.1	43.684	N	147.641	E	33	N	5.0	0.8	70	KURIL ISLANDS
04	21	26	11.1*	43.207	N	147.425	E	33	N	4.8	0.7	30	KURIL ISLANDS
04	21	29	59.7	44.162	N	147.407	E	30	D	5.0	0.7	61	KURIL ISLANDS
04	21	33	11.3&	33.972	S	70.894	W	70	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
04	21	37	04.2*	43.077	N	147.721	E	33	N	4.8	0.7	19	KURIL ISLANDS
04	21	39	28.9	43.798	N	147.138	E	38	D	5.5 5.1	0.8	244	KURIL ISLANDS
04	21	48	05.1?	15.72	S	173.19	W	33	N	4.7	0.7	12	TONGA ISLANDS
04	21	51	20.7?	43.32	N	148.40	E	31	D	4.7	1.0	13	EAST OF KURIL ISLANDS
04	22	10	05.1	42.952	N	146.929	E	39	D	4.6	0.8	19	OFF COAST OF HOKKAIDO, JAPAN
04	22	14	43.6?	43.43	N	146.71	E	33	N	4.2	0.5	12	KURIL ISLANDS
04	22	26	22.4?	35.05	S	71.28	W	80	G		0.4	10	CENTRAL CHILE. MD 3.8 (SAN).

	04	22	27	45.1	43.871	N	147.997	E	46	D	4.8		0.7	61	KURIL ISLANDS
	04	22	32	02.6	43.188	N	147.440	E	25	D	5.1	5.1	1.0	75	KURIL ISLANDS
	04	22	45	01.2?	40.28	N	27.95	E	10	G			0.8	4	TURKEY. ML 2.6 (ISK).
	04	22	51	33.6	43.026	N	147.184	E	39	D	4.7		0.8	24	KURIL ISLANDS
	04	22	56	30.5	43.654	N	147.591	E	53	D	5.4		0.9	232	KURIL ISLANDS
	04	23	19	12.5	43.064	N	147.073	E	32	D	4.7		1.1	37	KURIL ISLANDS
	04	23	20	32.6*	44.331	N	147.114	E	171	*	4.6		1.0	43	KURIL ISLANDS
	04	23	23	00.2	43.328	N	147.658	E	47	D	5.0		0.7	67	KURIL ISLANDS
	04	23	38	53.3%	33.582	S	71.673	W	40	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	04	23	45	15.5	43.383	N	148.079	E	42	D	4.9		0.8	51	EAST OF KURIL ISLANDS
	04	23	46	41.6	43.515	N	147.993	E	42	D	5.2	5.3	1.1	97	KURIL ISLANDS
	04	23	59	57.0	43.796	N	147.949	E	33	N	4.8		0.6	41	KURIL ISLANDS
	05	00	02	42.6	43.545	N	147.425	E	29	D	5.2		0.8	179	KURIL ISLANDS
	05	00	03	39.6?	44.45	N	147.61	E	33	N	5.1		0.4	29	KURIL ISLANDS
	05	00	08	26.2	43.793	N	147.501	E	33	N	5.1		0.8	85	KURIL ISLANDS
	05	00	10	24.4*	43.590	N	148.078	E	33	N	4.9		0.8	29	EAST OF KURIL ISLANDS
	05	00	13	39.0&	58.350	N	133.472	W	5	G				3	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.1 (PGC).
	05	00	20	08.4?	43.66	N	148.23	E	33	N	4.9		1.0	25	EAST OF KURIL ISLANDS
	05	00	22	32.5	43.185	N	147.662	E	33	N	5.1		0.8	97	KURIL ISLANDS
	05	00	27	41.4	43.737	N	147.568	E	38	D	5.3	4.7	1.0	119	KURIL ISLANDS
	05	00	35	00.8	43.795	N	147.151	E	41	D	5.4		0.9	207	KURIL ISLANDS
	05	00	45	13.5	43.361	N	146.091	E	33	N	4.8		0.9	49	KURIL ISLANDS
	05	00	53	47.3	43.289	N	146.672	E	55	D	5.1		0.8	124	KURIL ISLANDS
	05	01	09	37.3*	43.192	N	147.381	E	51	D	4.9		0.9	42	KURIL ISLANDS
	05	01	13	27.3	23.101	N	121.479	E	70	D	5.5		1.1	167	TAIWAN. Felt in the Cheng-kung area.
	05	01	26	45.9	43.869	N	147.639	E	50	D	5.3		0.8	215	KURIL ISLANDS
	05	01	42	03.4	43.525	N	147.857	E	43	D	4.9		0.9	77	KURIL ISLANDS
	05	01	56	50.2*	43.473	N	147.227	E	33	N	4.6		0.9	11	KURIL ISLANDS
	05	01	58	45.5	43.314	N	146.749	E	21	D	5.1	5.3	1.0	119	KURIL ISLANDS
	05	02	14	12.9	43.901	N	147.382	E	40	D	5.2	5.1	0.8	155	KURIL ISLANDS
	05	02	36	55.4?	43.97	N	147.50	E	36	D	4.5		1.0	14	KURIL ISLANDS
	05	02	49	05.0%	15.256	N	61.163	W	130	G			0.3	13	LEEWARD ISLANDS. MD 4.0 (TRN).
	05	03	15	33.6	31.326	N	129.235	E	20	D	5.1		0.9	92	KYUSHU, JAPAN. Felt (III JMA) at Kagoshima and Makurazaki.
	05	03	19	45.6?	44.85	N	147.19	E	33	N	4.6		0.7	13	KURIL ISLANDS
	05	03	21	09.5	43.459	N	146.465	E	17	D	5.1		0.7	58	KURIL ISLANDS
	05	03	23	48.5*	43.323	N	147.307	E	52	D	4.7		0.7	41	KURIL ISLANDS
	05	03	27	42.1?	44.60	N	147.62	E	60	D	4.8		0.8	38	KURIL ISLANDS
	05	03	38	56.7?	43.02	N	146.94	E	33	N	4.0		1.3	7	KURIL ISLANDS
	05	03	39	24.1?	34.40	S	70.56	W	10	G			0.8	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	05	03	43	26.2	43.877	N	147.856	E	51	D	5.2		0.8	140	KURIL ISLANDS
	05	03	49	11.6*	43.267	N	147.584	E	48	D	4.8		0.9	24	KURIL ISLANDS
	05	03	56	51.7*	43.471	N	145.990	E	33	N	4.6		0.7	10	HOKKAIDO, JAPAN REGION
a	05	04	00	47.5	43.398	N	148.078	E	40	D	5.8	5.6	0.9	368	EAST OF KURIL ISLANDS
	05	04	04	28.0	43.429	N	148.075	E	33	N	5.4		0.8	99	EAST OF KURIL ISLANDS
	05	04	08	21.1*	43.114	N	148.122	E	44	D	5.1		1.0	54	EAST OF KURIL ISLANDS
	05	04	17	36.7?	32.48	S	71.02	W	50	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	05	04	32	28.1?	44.17	N	148.21	E	33	N	4.8		0.7	21	KURIL ISLANDS
	05	04	35	54.7?	42.74	N	148.04	E	38	D	4.7		1.2	20	OFF COAST OF HOKKAIDO, JAPAN
	05	04	44	42.5*	44.115	N	147.506	E	33	N	4.8		1.0	36	KURIL ISLANDS
	05	04	55	16.8	43.525	N	147.930	E	38	D	5.1		1.0	70	KURIL ISLANDS
	05	05	01	31.4*	43.316	N	147.773	E	33	N	4.7		0.8	19	KURIL ISLANDS
	05	05	26	58.5*	43.757	N	147.581	E	33	N	4.7		0.9	15	KURIL ISLANDS
	05	05	29	00.1	43.371	N	147.134	E	54	D	4.7		0.7	33	KURIL ISLANDS
	05	05	37	35.3*	43.528	N	148.008	E	33	N	5.0		1.0	30	EAST OF KURIL ISLANDS
	05	06	56	02.2?	11.56	N	61.73	W	33	N			1.5	5	WINDWARD ISLANDS. MD 3.3 (TRN).
	05	07	01	46.8&	58.464	N	133.334	W	5	G				4	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.1 (PGC).
	05	07	07	25.8	43.291	N	146.864	E	42	D	5.0		0.9	102	KURIL ISLANDS
	05	07	10	54.4*	43.540	N	147.140	E	33	N	4.9		1.0	25	KURIL ISLANDS
	05	07	16	07.3	43.686	N	148.088	E	38	D	5.7	5.4	0.9	293	EAST OF KURIL ISLANDS
	05	07	17	40.8&	63.797	N	150.721	W	10					31	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	05	07	56	36.2	43.715	N	147.403	E	33	N	5.0		0.7	56	KURIL ISLANDS
	05	07	58	06.6*	18.800	S	71.661	W	33	N			1.2	10	OFF COAST OF NORTHERN CHILE
	05	08	15	58.6*	43.170	N	147.996	E	33	N	5.1		1.3	39	KURIL ISLANDS
	05	08	45	21.0&	60.022	N	147.470	W	19					72	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.6 (PMR).
	05	08	53	45.2&	59.518	N	152.357	W	69					58	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	05	08	59	03.5	43.856	N	148.101	E	33	N	5.1		0.7	54	EAST OF KURIL ISLANDS
	05	09	10	06.2	43.547	N	147.348	E	33	N	5.2	4.8	1.0	146	KURIL ISLANDS
	05	09	11	42.0%	39.113	N	27.628	E	10	G			0.5	5	TURKEY. ML 2.8 (ISK).
	05	09	15	43.4%	38.597	N	27.070	E	10	G			0.6	5	TURKEY. ML 3.1 (ISK).
	05	09	36	55.5*	43.703	N	146.906	E	57	D	4.9		0.8	34	KURIL ISLANDS
	05	09	41	43.2%	10.893	N	61.817	W	33	N			0.5	5	TRINIDAD. MD 3.2 (TRN).
	05	09	47	18.0*	43.984	N	147.096	E	33	N	5.0		0.6	12	KURIL ISLANDS
	05	09	52	19.5?	44.95	N	147.33	E	33	N	4.3		0.5	6	KURIL ISLANDS
	05	09	59	21.2?	44.03	N	146.38	E	33	N	3.9		0.4	5	KURIL ISLANDS
	05	10	07	52.1*	43.281	N	147.987	E	33	N	4.8		1.3	10	KURIL ISLANDS
	05	10	10	03.4*	43.428	N	148.096	E	33	N	4.7		1.3	16	EAST OF KURIL ISLANDS
	05	10	38	43.2%	39.262	N	27.715	E	10	G			0.8	5	TURKEY. ML 2.8 (ISK).
	05	10	47	11.6?	31.56	S	68.09	W	33	N			1.4	5	SAN JUAN PROVINCE, ARGENTINA
	05	10	58	07.8*	44.376	N	147.036	E	33	N	4.6		1.1	13	KURIL ISLANDS
	05	11	20	51.2?	43.41	N	147.84	E	33	N	4.3		1.3	6	KURIL ISLANDS
	05	11	31	32.0*	43.469	N	147.579	E	33	N	4.2		1.2	13	KURIL ISLANDS
	05	11	41	54.4?	20.98	S	174.63	W	33	N	4.8		0.2	8	TONGA ISLANDS
	05	11	53	05.6*	43.715	N	148.418	E	33	N	4.8		0.9	31	EAST OF KURIL ISLANDS
	05	11	59	39.9	43.624	N	147.824	E	50	D	4.8		1.1	55	KURIL ISLANDS
	05	12	05	01.2	43.421	N	148.035	E	11		5.4	5.2	0.9	212	EAST OF KURIL ISLANDS
	05	12	11	57.1	43.676	N	148.217	E	29	D	5.2		0.8	96	EAST OF KURIL ISLANDS
	05	12	34	43.0	43.228	N	147.400	E	53	D	5.5		0.8	205	KURIL ISLANDS
	05	12	39	30.6	43.627	N	147.450	E	41	D	5.7		0.8	248	KURIL ISLANDS
	05	12	47	06.9?	33.83	S	70.48	W	10	G			0.1	4	CHILE-ARGENTINA BORDER REGION
	05	13	10	00.9&	40.394	N	125.289	W	15					15	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	05	13	54	18.6*	43.742	N	146.737	E	33	N	5.0		0.8	42	KURIL ISLANDS
	05	14	30	04.3?	43.67	N	147.70	E	33	N	3.9		0.5	6	KURIL ISLANDS

	05	14	35	59.1	43.226	N	147.557	E	35	D	4.9		0.9	49	KURIL ISLANDS
	05	14	51	55.4?	39.65	N	29.50	E	10	G			0.6	5	TURKEY. ML 2.9 (ISK).
	05	15	04	27.9?	42.87	N	147.27	E	33	N	4.3		1.4	6	OFF COAST OF HOKKAIDO, JAPAN
	05	15	27	24.6	43.813	N	147.940	E	31	D	5.1	4.5	0.9	111	KURIL ISLANDS
	05	15	35	48.7&	31.028	S	68.209	W	33	N			1.2	5	SAN JUAN PROVINCE, ARGENTINA
	05	15	37	31.7*	58.823	S	26.239	W	161	*	5.4		0.4	20	SOUTH SANDWICH ISLANDS REGION
	05	16	08	40.9&	46.267	N	1.678	E	10	G			0.9	15	FRANCE. ML 2.5 (LDG).
	05	16	10	11.1?	39.72	N	29.48	E	10	G			1.2	6	TURKEY. ML 2.8 (ISK).
	05	16	28	31.9*	43.599	N	147.897	E	33	N	4.7		1.1	11	KURIL ISLANDS
	05	16	30	22.8	43.338	N	146.835	E	33	N	4.7	4.3	1.0	24	KURIL ISLANDS
	05	16	38	41.0?	43.89	N	147.54	E	33	N	3.9		1.0	6	KURIL ISLANDS
	05	16	59	29.8&	33.431	S	117.814	E	10	G			1.0	6	WESTERN AUSTRALIA
	05	17	15	26.5	43.230	N	147.907	E	33	N	4.8		1.1	42	KURIL ISLANDS
	05	17	24	34.2*	7.492	S	107.145	E	33	N	4.8		1.4	15	JAWA, INDONESIA
	05	17	25	33.8	43.942	N	147.374	E	50		5.0		0.9	78	KURIL ISLANDS
	05	17	33	35.5	42.844	N	18.052	E	10	G			1.2	14	NORTHWESTERN BALKAN REGION. ML 3.0 (TTG).
	05	17	42	28.6?	41.74	N	148.40	E	33	N	3.9		0.5	6	OFF COAST OF HOKKAIDO, JAPAN
	05	17	51	42.8*	43.195	N	146.742	E	32	D	4.6		0.6	13	KURIL ISLANDS
	05	18	10	12.3*	43.039	N	148.207	E	33	N	4.4		0.9	16	EAST OF KURIL ISLANDS
	05	18	12	07.8?	37.28	N	142.28	E	33	N			0.6	17	OFF EAST COAST OF HONSHU, JAPAN
	05	18	35	01.3	15.395	S	173.308	W	33	N	5.3		0.9	71	TONGA ISLANDS
	05	19	01	58.0&	59.797	N	152.224	W	66					50	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	05	19	38	38.0	43.815	N	147.368	E	52	*	5.0		0.9	60	KURIL ISLANDS
	05	19	59	28.1?	43.54	N	148.41	E	33	N			1.3	7	EAST OF KURIL ISLANDS
	05	20	31	11.6	33.149	S	70.272	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	05	20	33	34.6&	60.731	N	151.546	W	16					40	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
a	05	20	37	29.3	43.592	N	147.449	E	13	G	5.8		0.9	451	KURIL ISLANDS. Mw 5.9 (GS), 6.0 (HRV). Depth from broadband displacement seismograms.
	05	20	38	57.5&	61.553	N	147.987	W	28					45	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
a	05	20	39	48.4	43.954	N	147.336	E	40	G	6.2	5.5	0.9	474	KURIL ISLANDS. Mw 5.9 (GS), 6.1 (HRV). Ms 5.3 (BRK). Depth from broadband displacement seismograms.
	05	21	02	34.2	43.609	N	147.997	E	29	D	4.9		0.8	56	KURIL ISLANDS
	05	21	51	19.4	43.671	N	147.463	E	33	N	4.9		0.8	87	KURIL ISLANDS
	05	22	25	16.0*	42.971	N	146.881	E	33	N	4.8		0.8	18	OFF COAST OF HOKKAIDO, JAPAN
	05	23	14	12.3?	43.42	N	147.80	E	10	G	3.8		0.5	5	KURIL ISLANDS
	05	23	22	13.1*	42.920	N	147.145	E	27	D	4.5		1.1	19	OFF COAST OF HOKKAIDO, JAPAN
	06	00	15	31.3&	38.733	N	119.748	W	0					61	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.5 (GS), 3.9 (BRK).
	06	00	19	40.7	43.222	N	148.201	E	26	D	4.9		0.9	28	EAST OF KURIL ISLANDS
	06	01	45	15.1	43.834	N	148.216	E	23		5.0		0.8	78	EAST OF KURIL ISLANDS
	06	01	48	03.1	43.194	N	147.051	E	33	N	4.5		1.1	25	KURIL ISLANDS
	06	02	22	05.8?	43.57	N	148.19	E	33	N	3.9		1.0	9	EAST OF KURIL ISLANDS
	06	04	07	44.8*	43.683	N	147.760	E	37	D	4.6	4.2	1.3	27	KURIL ISLANDS
	06	04	32	07.3	43.872	N	147.701	E	33	N	4.6	4.4	0.9	47	KURIL ISLANDS
	06	04	35	04.7	43.612	N	147.275	E	33	N	4.7		0.7	31	KURIL ISLANDS
	06	05	03	43.2?	43.41	N	147.43	E	33	N	4.4		1.5	10	KURIL ISLANDS
	06	05	16	18.5	43.879	N	147.851	E	30	D	4.9		0.9	59	KURIL ISLANDS
	06	05	30	58.4&	59.924	N	145.950	W	2					43	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	06	05	44	07.0?	1.37	S	14.98	W	10	G	5.2		1.0	13	NORTH OF ASCENSION ISLAND
	06	06	10	33.3*	43.463	N	147.760	E	33	N	4.8		1.1	15	KURIL ISLANDS
	06	06	11	55.9	10.889	N	62.359	W	70	G			0.6	7	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	06	06	35	55.8?	43.08	N	147.92	E	33	N	4.8		0.9	11	KURIL ISLANDS
	06	07	14	04.4*	43.145	N	147.996	E	33	N	4.2		1.3	11	KURIL ISLANDS
	06	07	15	18.1?	8.39	S	127.40	E	166	?	4.9		1.0	10	TIMOR REGION, INDONESIA
	06	07	19	50.1*	43.304	N	147.357	E	54	*	4.5		1.2	23	KURIL ISLANDS
	06	07	20	01.1?	29.89	S	71.11	W	10	G			0.7	5	NEAR COAST OF CENTRAL CHILE
	06	07	21	03.4*	43.612	N	149.798	E	39	D	4.8		0.7	34	EAST OF KURIL ISLANDS
a	06	07	38	48.7	43.239	N	148.458	E	30	D	5.3	5.2	1.3	128	EAST OF KURIL ISLANDS. Mw 5.3 (HRV).
	06	07	43	46.6*	43.387	N	148.100	E	33	N	4.9		1.3	45	EAST OF KURIL ISLANDS
	06	07	46	35.4	43.239	N	148.061	E	33	D	5.3	5.6	1.0	83	EAST OF KURIL ISLANDS
	06	08	24	24.4&	39.149	N	27.627	E	5	G			0.7	5	TURKEY. ML 2.8 (ISK).
	06	08	30	15.6*	32.130	S	69.312	W	150	G			0.9	15	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	06	08	41	54.7?	39.22	N	27.71	E	10	G			0.2	4	TURKEY. ML 2.8 (ISK).
	06	08	57	10.9?	39.62	N	29.36	E	10	G			1.5	4	TURKEY. ML 2.7 (ISK).
	06	08	57	18.1*	43.123	N	148.326	E	33	N	4.3		1.4	10	EAST OF KURIL ISLANDS
	06	09	02	12.2	43.394	N	147.517	E	28	D	4.9		0.8	45	KURIL ISLANDS
	06	09	43	34.1*	43.466	N	147.660	E	33	N	4.8		1.3	18	KURIL ISLANDS
	06	09	58	16.9?	39.09	N	27.63	E	5	G			0.2	4	TURKEY. ML 2.8 (ISK).
	06	10	05	55.3&	59.347	N	6.064	E	10	G			0.4	5	SOUTHERN NORWAY. MD 1.6 (BER).
	06	10	13	51.3	43.466	N	148.053	E	40	D	4.9		1.1	71	EAST OF KURIL ISLANDS
	06	10	25	26.8	43.541	N	147.406	E	33	N	4.7		0.8	22	KURIL ISLANDS
	06	10	58	42.9	43.748	N	147.977	E	33	N	4.9		0.9	44	KURIL ISLANDS
	06	11	27	56.7*	32.653	S	71.727	W	13				0.7	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	06	11	31	28.0&	33.352	N	116.363	W	11					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	11	36	29.1	43.068	N	147.253	E	33	N	4.7		0.6	46	KURIL ISLANDS
	06	11	48	47.3&	44.658	N	8.344	E	10	G			0.2	10	NORTHERN ITALY. ML 2.7 (GEN).
	06	11	52	31.4*	43.498	N	147.594	E	33	N	4.3		1.4	14	KURIL ISLANDS
	06	11	55	44.2	43.671	N	147.452	E	48	D	5.2	4.5	0.8	171	KURIL ISLANDS
	06	12	39	45.3	43.237	N	147.390	E	56	D	4.8		1.0	80	KURIL ISLANDS
	06	12	43	22.0?	39.10	N	27.69	E	10	G			0.8	4	TURKEY. ML 2.8 (ISK).
	06	12	45	36.0*	43.848	N	147.329	E	56	*	4.5		1.0	18	KURIL ISLANDS
	06	12	46	03.2*	43.285	N	147.330	E	33	N	4.8		0.6	24	KURIL ISLANDS
	06	13	17	37.9*	43.229	N	147.643	E	33	N			1.2	7	KURIL ISLANDS
	06	13	24	01.2	43.748	N	147.438	E	33	N	4.8		0.8	51	KURIL ISLANDS
	06	14	42	44.4	43.677	N	147.849	E	33	N	4.8		0.8	52	KURIL ISLANDS
	06	14	59	32.6	43.263	N	146.994	E	33	N	4.6		1.0	37	KURIL ISLANDS
	06	15	26	12.2&	42.362	N	18.996	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
a	06	15	42	14.1*	56.628	S	141.923	W	10	G	5.8	5.2	1.2	26	PACIFIC-ANTARCTIC RIDGE. Mw 5.5 (HRV).
	06	15	53	24.6&	38.796	N	119.678	W	0	G				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	06	16	21	28.5	43.587	N	147.456	E	33	N	4.8		0.9	24	KURIL ISLANDS
	06	16	33	00.0	43.543	N	147.427	E	33	N	4.9	4.9	1.0	57	KURIL ISLANDS
	06	17	45	34.1*	11.376	S	113.685	E	33	N	4.0		1.1	6	SOUTH OF JAWA, INDONESIA
	06	17	45	39.0*	43.659	N	148.367	E	33	N	4.6		1.2	10	EAST OF KURIL ISLANDS

	06	17 47 53.0&	66.966	N	135.793	W	10	G				21	NORTHERN YUKON TERRITORY, CANADA. <PGC>. ML 3.7 (PGC), 4.1 (PMR).
	06	18 43 14.0	43.180	N	147.283	E	51	D	5.0		0.7	101	KURIL ISLANDS
	06	18 47 47.5	40.572	N	25.997	E	5	G			0.6	7	AEGEAN SEA. ML 3.1 (ISK). MD 3.4 (ATH).
	06	19 19 03.5*	33.385	S	72.320	W	25				1.0	19	OFF COAST OF CENTRAL CHILE. MD 4.8 (SAN). Felt (III) in the Valparaiso-Vina del Mar area.
	06	19 27 12.4?	33.37	S	72.24	W	17				0.5	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN). Felt (II) in the Valparaiso-Vina del Mar area.
	06	19 56 16.8?	33.37	S	72.59	W	17				0.5	12	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN). Felt (II) in the Valparaiso-Vina del Mar area.
	06	20 21 59.2%	33.748	S	70.148	W	22	*			0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	06	20 32 43.0*	39.541	N	20.973	E	10	G			1.5	10	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	06	20 34 52.8	28.593	N	139.699	E	454	*	4.5		0.7	24	BONIN ISLANDS REGION
	06	20 45 28.8*	39.646	N	20.801	E	33	N			0.7	8	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH). ML 3.3 (TIR).
	06	20 53 38.4?	44.34	N	146.76	E	33	N	3.8		1.0	7	KURIL ISLANDS
	06	20 56 28.8?	44.16	N	148.31	E	33	N	4.7		1.3	9	KURIL ISLANDS
	06	21 07 20.6	43.050	N	147.305	E	62		4.6		0.9	69	KURIL ISLANDS
	06	21 10 48.3*	34.345	N	38.075	E	22				0.3	16	JORDAN - SYRIA REGION
	06	22 04 41.1&	59.028	N	152.674	W	92					38	SOUTHERN ALASKA. <AEIC>.
	06	22 56 45.9	43.360	N	147.681	E	33	N	4.4		0.9	19	KURIL ISLANDS
a	06	23 20 13.3	43.413	N	147.321	E	53	D	5.1		0.9	144	KURIL ISLANDS. Mw 5.1 (HRV).
	06	23 57 43.0*	43.035	N	146.913	E	57	D	4.7		0.7	34	KURIL ISLANDS
	07	00 00 54.2*	55.167	N	167.065	W	10	G	4.4		1.2	14	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	07	01 08 33.9	27.855	S	26.538	E	5	G			1.3	11	REPUBLIC OF SOUTH AFRICA. mbLg 4.3 (BUL).
	07	01 36 54.6?	58.01	S	25.91	W	33	N	4.4		1.3	7	SOUTH SANDWICH ISLANDS REGION
	07	01 56 02.5	27.868	S	26.680	E	5	G			1.1	13	REPUBLIC OF SOUTH AFRICA. mbLg 4.4 (BUL).
	07	02 06 02.2*	33.393	S	72.419	W	16				0.5	13	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	07	02 13 24.2?	46.39	N	145.77	E	33	N	4.5		0.3	9	SEA OF OKHOTSK
a	07	02 36 09.2	43.614	N	147.289	E	52	G	6.1		0.8	539	KURIL ISLANDS. Mw 5.6 (GS), 5.6 (HRV). Felt (III JMA) at Kushiro and (II JMA) at Nemuro, Hokkaido. Also felt in much of northern Honshu. Depth from broadband displacement seismograms.
	07	02 50 31.8*	33.407	S	72.035	W	23				0.7	14	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	07	03 01 27.8	43.443	N	147.731	E	43	D	5.0		0.8	81	KURIL ISLANDS
	07	03 25 58.1	41.662	N	88.753	E	0	G	6.0		0.9	456	SOUTHERN XINJIANG, CHINA. Probable underground nuclear explosion.
	07	03 26 12.9*	31.036	S	68.334	W	33	N			0.8	5	SAN JUAN PROVINCE, ARGENTINA
	07	04 42 22.9*	42.682	N	148.437	E	33	N	4.2		1.2	12	OFF COAST OF HOKKAIDO, JAPAN
	07	04 46 06.6&	63.684	N	152.203	W	7					32	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
	07	05 41 11.5&	32.044	N	114.872	W	16					15	W. ARIZONA-SONORA BORDER REGION. <ECX-P>. MD 3.7 (ECX). Felt at Riito, Sonora, Mexico.
	07	05 55 07.2	44.546	N	7.022	E	10	G			0.2	6	NORTHERN ITALY. ML 1.8 (GEN).
	07	06 58 55.2&	34.309	N	119.281	W	1					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
a	07	07 00 52.1	43.117	N	146.866	E	55	D	5.5		0.8	286	KURIL ISLANDS. Mw 5.5 (HRV). mb 5.3 (BRK). Felt (III) at Misawa, Honshu.
	07	07 59 28.9&	59.972	N	151.815	W	47					56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	08 03 34.2?	39.69	N	29.46	E	10	G			1.2	4	TURKEY. ML 2.7 (ISK).
	07	08 03 59.3?	43.42	N	147.01	E	33	N	4.7		1.5	7	KURIL ISLANDS
	07	08 24 21.8?	43.47	N	147.65	E	33	N			1.4	6	KURIL ISLANDS
	07	08 40 54.1?	43.07	N	0.29	W	10	G			0.4	6	PYRENEES. ML 1.0 (STR).
	07	08 41 17.9?	44.76	N	147.21	E	33	N	3.7		1.1	5	KURIL ISLANDS
	07	08 52 43.5	35.268	N	4.048	W	36	*	4.3		1.3	58	STRAIT OF GIBRALTAR. MD 4.5 (RBA). Felt (II) in the Al Hoceima area, Morocco.
	07	10 20 19.6*	43.726	N	147.429	E	55	*	4.2		1.1	17	KURIL ISLANDS
	07	10 43 02.4*	46.916	N	153.167	E	33	N	4.6		0.9	27	KURIL ISLANDS
	07	10 43 51.9?	39.12	N	27.61	E	5	G			0.7	4	TURKEY. ML 2.8 (ISK).
	07	11 03 28.2*	43.169	N	146.941	E	33	N	4.5		1.5	8	KURIL ISLANDS
	07	11 09 21.5?	43.97	N	146.49	E	33	N	3.9		1.0	6	KURIL ISLANDS
	07	11 20 16.8?	43.15	N	147.65	E	33	N	3.9		1.1	6	KURIL ISLANDS
	07	11 25 06.7*	43.503	N	147.752	E	33	N	4.2		1.0	8	KURIL ISLANDS
	07	11 36 48.9*	43.649	N	147.539	E	33	N	4.7		1.1	22	KURIL ISLANDS
	07	12 04 25.5?	44.10	N	146.90	E	33	N	3.9		1.1	5	KURIL ISLANDS
	07	12 10 08.3*	43.120	N	148.122	E	33	N	4.7		1.0	27	EAST OF KURIL ISLANDS
	07	12 46 13.5?	8.22	S	102.59	W	10	G	4.1		0.6	12	CENTRAL EAST PACIFIC RISE
	07	12 51 15.9	36.317	N	6.076	W	14				1.2	22	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	07	12 53 16.5?	43.36	N	147.39	E	33	N	4.0		1.4	10	KURIL ISLANDS
a	07	12 54 10.8*	35.106	S	179.137	E	33	N	5.4		1.0	32	OFF E. COAST OF N. ISLAND, N.Z. Mw 5.3 (HRV).
	07	13 48 14.4	43.166	N	146.881	E	44	D	5.0		1.0	122	KURIL ISLANDS
	07	14 04 41.5?	42.54	N	17.40	E	5	G			0.6	9	ADRIATIC SEA. ML 2.9 (TTG).
	07	14 45 58.3&	59.983	N	153.282	W	134					49	SOUTHERN ALASKA. <AEIC>.
a	07	15 00 14.7	43.580	N	148.218	E	30	D	5.3	5.1	1.0	155	EAST OF KURIL ISLANDS. Mw 5.3 (HRV).
	07	15 17 47.9	1.378	N	127.222	E	160	*	5.3		1.1	39	HALMAHERA, INDONESIA
a	07	15 24 03.4	42.877	N	146.063	E	24	D	6.0	5.2	0.8	423	OFF COAST OF HOKKAIDO, JAPAN. Mw 5.4 (HRV).
	07	15 25 13.4	37.263	N	28.325	E	10	G			0.8	9	TURKEY. ML 3.6 (ISK).
	07	15 48 04.2?	39.71	N	29.54	E	10	G			1.0	6	TURKEY. ML 2.6 (ISK).
	07	15 55 57.0*	33.378	S	72.230	W	10	G			0.7	12	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	07	16 50 15.1?	42.92	N	147.27	E	33	N	3.9		1.2	5	OFF COAST OF HOKKAIDO, JAPAN
	07	18 20 37.9*	42.995	N	146.982	E	33	N	4.7		1.3	11	OFF COAST OF HOKKAIDO, JAPAN
	07	18 28 06.2	43.764	N	147.989	E	36	D	4.7		0.8	42	KURIL ISLANDS
	07	18 39 41.5*	43.474	N	146.893	E	33	N	4.8		0.6	36	KURIL ISLANDS
	07	18 49 50.7*	46.029	N	14.241	E	10	G			0.9	5	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
	07	19 18 03.2?	34.77	S	70.96	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	07	19 31 32.0?	38.49	N	26.16	E	33	N	4.4		0.6	5	AEGEAN SEA
	07	20 03 55.8%	44.532	N	7.326	E	10	G			0.2	9	NORTHERN ITALY. ML 2.1 (GEN).
	07	21 04 36.4	43.167	N	146.496	E	33	D	5.1		0.8	102	KURIL ISLANDS
	07	21 19 55.2?	14.95	S	167.21	E	114	?	4.4		1.0	43	VANUATU ISLANDS
	07	21 27 46.1*	43.957	N	147.162	E	43	*	4.8		1.3	33	KURIL ISLANDS
	07	22 42 52.3*	23.952	S	69.515	E	10	G	4.8	4.8	1.0	23	MID-INDIAN RIDGE
	07	23 19 27.1&	38.773	N	119.708	W	1					67	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.6 (BRK), 3.4 (GS).
	07	23 26 38.2	8.297	S	116.763	E	33	N	5.0		1.3	32	SUMBAWA REGION, INDONESIA
	07	23 39 06.5	43.234	N	147.485	E	33	N	4.9		0.9	56	KURIL ISLANDS

	07	23	41	03.0&	62.502	N	151.429	W	102		3.5		95	CENTRAL ALASKA. <AEIC>. Felt at Skwentna.
	08	00	05	22.5&	40.469	N	125.936	W	25				57	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK).
	08	01	23	28.7?	31.75	S	69.31	W	33	N		1.1	5	SAN JUAN PROVINCE, ARGENTINA
	08	02	07	39.0?	35.14	S	71.29	W	90	G		0.3	7	CENTRAL CHILE
	08	02	23	22.1	32.208	S	71.292	W	33	N		0.5	16	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	08	03	19	46.3%	33.671	S	71.192	W	50	G		0.3	9	NEAR COAST OF CENTRAL CHILE
	08	03	28	57.0&	59.830	N	153.624	W	136				42	SOUTHERN ALASKA. <AEIC>.
	08	03	36	49.6*	43.800	N	147.210	E	33	N	4.3	0.9	12	KURIL ISLANDS
	08	04	59	00.7	42.195	N	147.361	E	45	D	4.5	0.8	29	OFF COAST OF HOKKAIDO, JAPAN
a	08	05	28	26.8	43.319	N	146.676	E	26	D	5.6 5.0	0.9	355	KURIL ISLANDS. Mw 5.4 (HRV).
	08	06	11	50.1&	61.637	N	149.923	W	47				53	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 2.8 (PMR).
	08	06	18	49.2?	43.70	N	146.99	E	33	N	4.9	0.4	16	KURIL ISLANDS
	08	06	43	14.7%	59.919	N	5.138	E	5	G		1.0	5	SOUTHERN NORWAY. MD 1.5 (BER).
	08	06	50	34.0?	45.16	N	146.34	E	33	N	4.5	0.3	22	KURIL ISLANDS
	08	07	54	01.1*	43.279	N	147.943	E	33	N	4.7	1.0	25	KURIL ISLANDS
	08	08	34	33.6&	61.336	N	148.109	W	15				43	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	09	30	39.7	43.681	N	147.450	E	49		4.7 4.4	0.9	55	KURIL ISLANDS
a	08	09	54	34.2	43.873	N	148.171	E	9	G	5.9	0.8	461	EAST OF KURIL ISLANDS. Mw 5.4 (GS), 5.3 (HRV). Depth from broadband displacement seismograms.
	08	09	56	54.2?	12.70	S	76.75	W	33	N		0.5	4	NEAR COAST OF PERU. Felt (III) at Mala.
	08	10	07	37.3?	43.38	N	148.46	E	33	N	3.9	1.4	8	EAST OF KURIL ISLANDS
	08	10	14	57.8?	43.55	N	148.57	E	33	N	3.7	1.4	6	EAST OF KURIL ISLANDS
	08	10	26	54.3*	35.153	N	3.993	W	33	N		1.1	8	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). MD 3.3 (RBA).
	08	10	28	36.2	43.086	N	147.512	E	11	D	5.1	0.9	99	KURIL ISLANDS
	08	10	35	25.0%	37.278	N	29.674	E	10	G		0.5	5	TURKEY. ML 3.3 (ISK).
	08	11	25	41.6?	26.59	S	27.50	E	5	G		1.4	5	REPUBLIC OF SOUTH AFRICA
	08	11	44	59.1%	26.328	S	27.638	E	5	G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	08	11	50	04.5?	44.19	N	150.32	E	33	N	3.6	1.5	5	EAST OF KURIL ISLANDS
a	08	12	13	49.0	43.219	N	147.742	E	59	D	5.1	0.9	158	KURIL ISLANDS. Mw 5.4 (HRV).
	08	12	26	01.1%	44.266	N	8.202	E	5	G		0.4	5	NORTHERN ITALY. ML 2.0 (GEN).
	08	12	49	53.0&	35.812	N	117.957	W	3				12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	08	13	41	25.0*	43.231	N	147.283	E	33	N	4.6	1.4	14	KURIL ISLANDS
	08	13	42	08.6%	39.664	N	29.503	E	10	G		0.9	7	TURKEY. ML 2.9 (ISK).
	08	14	33	53.2*	31.517	S	69.429	W	32	*		1.5	7	SAN JUAN PROVINCE, ARGENTINA
	08	14	38	52.2*	41.667	N	13.822	E	10	G		1.2	13	SOUTHERN ITALY
	08	16	42	36.9*	0.879	S	131.148	E	33	N	4.7	1.4	12	IRIAN JAYA REGION, INDONESIA
	08	16	44	28.9?	43.95	N	147.37	E	33	N	3.7	1.4	7	KURIL ISLANDS
	08	17	18	34.6&	48.892	N	129.220	W	10	G			18	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	08	17	25	44.2	43.904	N	147.279	E	33	N	4.7	1.1	55	KURIL ISLANDS
	08	17	46	54.8?	43.52	N	148.34	E	33	N	3.5	1.2	7	EAST OF KURIL ISLANDS
	08	17	51	17.5?	15.36	S	75.85	W	33	N		1.3	7	NEAR COAST OF PERU. Felt (II) at Ica.
	08	18	03	03.1&	60.395	N	153.063	W	151		3.7		86	SOUTHERN ALASKA. <AEIC>.
	08	18	03	21.4	44.560	N	7.341	E	10	G		0.5	17	NORTHERN ITALY. ML 2.3 (GEN), 2.0 (LDG).
	08	19	02	59.0%	26.876	S	26.733	E	5	G		0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	08	19	49	06.2&	36.086	N	120.009	W	20				12	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.7 (PAS).
	08	20	46	18.8?	43.61	N	147.98	E	10	G	4.1	1.3	6	KURIL ISLANDS
	08	21	02	57.0%	60.250	N	6.499	E	5	G		0.6	6	SOUTHERN NORWAY. MD 2.4 (BER).
	08	21	41	45.1	43.577	N	147.487	E	48		4.8	0.7	52	KURIL ISLANDS
a	08	21	44	07.2	1.258	S	127.980	E	17	G	6.4 6.8	1.2	260	HALMAHERA, INDONESIA. Mw 6.8 (GS), 6.8 (HRV). Ms 6.8 (BRK). Mo=4.2*10**19 Nm (PPT). One person killed, 52 injured and nearly 500 buildings damaged on Obi. Also, some bridges and piers were damaged on Obi. Felt strongly on Ambon. Depth from broadband displacement seismograms.
	08	21	49	59.0*	1.311	S	127.770	E	33	N		1.3	10	HALMAHERA, INDONESIA
	08	21	55	34.7?	29.57	N	43.30	E	10	G	3.7	1.1	12	WESTERN ARABIAN PENINSULA
	08	22	06	58.0*	51.188	N	15.737	E	10	G		0.3	5	POLAND
	08	22	23	22.7?	13.94	N	144.66	E	145		4.4	0.7	7	MARIANA ISLANDS. Felt (III) at Sinajana and Tamuning, Guam.
	08	22	46	22.4*	43.298	N	147.600	E	46	*	4.6	1.1	17	KURIL ISLANDS
	08	22	59	22.1%	34.050	S	70.526	W	10	G		0.6	8	CHILE-ARGENTINA BORDER REGION
	08	23	07	21.5	42.054	N	19.235	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	08	23	19	54.0?	1.23	S	128.17	E	33	N	4.8	1.1	7	HALMAHERA, INDONESIA
	08	23	25	58.2*	32.576	S	71.045	W	60	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	08	23	34	32.4%	42.907	N	7.651	E	10	G		0.1	5	WESTERN MEDITERRANEAN SEA. ML 2.4 (LDG).
	08	23	56	16.6?	43.27	N	148.31	E	33	N	4.9	1.4	8	EAST OF KURIL ISLANDS
	09	00	00	20.0*	29.329	S	72.427	W	33	N		1.0	9	OFF COAST OF CENTRAL CHILE
	09	00	04	25.2*	1.321	S	127.930	E	33	N	4.8	1.4	12	HALMAHERA, INDONESIA
	09	00	27	40.3	37.570	N	72.079	E	126	*	4.8	1.2	18	TAJIKISTAN
	09	01	21	40.1?	35.20	N	3.92	W	10	G		0.9	6	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	09	01	31	33.7&	59.277	N	151.762	W	18				80	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
	09	01	52	11.2%	33.938	S	71.418	W	33	N		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	09	02	04	51.4?	43.43	N	147.24	E	33	N	3.7	1.5	8	KURIL ISLANDS
	09	02	16	18.3?	0.27	S	130.01	E	33	N	4.3	1.0	5	IRIAN JAYA REGION, INDONESIA
	09	02	22	01.6	43.712	N	147.467	E	33	N	4.9	0.9	123	KURIL ISLANDS
	09	02	46	18.1%	11.256	N	61.261	W	33	N		0.8	6	WINDWARD ISLANDS. MD 3.3 (TRN).
	09	02	52	07.1?	39.21	N	27.93	E	5	G		0.0	4	TURKEY. ML 2.8 (ISK).
	09	03	27	20.9&	58.972	N	152.628	W	73				29	KODIAK ISLAND REGION. <AEIC>.
	09	04	10	07.4&	33.231	N	116.100	W	12				52	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS).
	09	06	09	20.8%	46.646	N	6.706	E	10	G		0.8	9	SWITZERLAND. ML 2.0 (LDG).
	09	06	23	30.6*	43.265	N	17.749	E	10	G		1.0	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	09	07	20	30.7?	33.30	S	72.67	W	5	G		1.1	12	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	09	07	41	52.7*	24.443	N	122.110	E	33	N	4.6	1.1	16	TAIWAN REGION
a	09	07	55	39.5	43.905	N	147.916	E	33	N	6.5 7.1	0.9	644	KURIL ISLANDS. Mw 7.1 (GS), 7.3 (HRV). Ms 6.7 (BRK). Mo=1.2*10**20 Nm (PPT). Felt (VI) on Iturup. Felt (IV JMA) in the Kushiro area, Hokkaido. Tsunami wave heights (peak-to-trough) from tide stations were 18 cm. at Hanasaki and 6 cm. at Kushiro, Hokkaido. Two events about 2.8 seconds apart observed on broadband displacement seismograms.
	09	07	58	43.3%	39.149	N	27.578	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).

	09	07	59	43.0*	38.340	N	21.959	E	5	G		1.4	6	GREECE. MD 3.2 (ATH).
	09	08	07	04.9	43.714	N	148.033	E	41	D	5.9	0.8	390	EAST OF KURIL ISLANDS
	09	08	12	11.9	43.645	N	148.103	E	33	N	5.1	0.8	64	EAST OF KURIL ISLANDS
	09	08	17	07.5&	60.199	N	141.030	W	2				17	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	09	08	30	45.8*	43.918	N	147.749	E	33	N	4.9	0.8	39	KURIL ISLANDS
	09	08	30	46.2	28.022	S	26.834	E	5	G		0.8	10	REPUBLIC OF SOUTH AFRICA
	09	08	48	55.1	43.861	N	148.063	E	36	D	5.9 6.1	0.9	419	EAST OF KURIL ISLANDS
	09	08	53	44.2?	46.09	N	147.08	E	33	N	4.8	0.6	23	NORTHWEST OF KURIL ISLANDS
	09	09	00	48.7	43.763	N	148.084	E	33	N	4.9	0.9	46	EAST OF KURIL ISLANDS
	09	09	08	52.8&	33.868	S	70.657	W	80	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	09	09	27	22.6*	43.692	N	147.830	E	33	N	5.1	0.7	15	KURIL ISLANDS
	09	09	49	38.5*	43.552	N	147.544	E	33	N	4.7	1.3	18	KURIL ISLANDS
	09	09	50	45.2&	62.500	N	148.895	W	51				47	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	09	10	08	06.1&	39.640	N	29.417	E	10	G		0.4	5	TURKEY. ML 2.7 (ISK).
	09	10	51	05.5&	60.081	N	152.992	W	116				48	SOUTHERN ALASKA. <AEIC>.
	09	11	01	03.8*	43.347	N	146.560	E	33	N	4.5	0.8	18	KURIL ISLANDS
	09	11	06	47.0*	41.762	N	148.669	E	33	N	4.0	1.3	11	OFF COAST OF HOKKAIDO, JAPAN
	09	11	07	43.5	43.495	N	148.237	E	44	D	5.3 5.6	0.9	150	EAST OF KURIL ISLANDS
	09	11	07	58.9*	70.463	N	13.752	E	10	G		0.6	7	NORWEGIAN SEA. MD 2.4 (BER).
	09	11	09	00.1	43.673	N	147.029	E	33	N	5.2	0.9	110	KURIL ISLANDS
	09	11	18	50.7?	43.39	N	148.38	E	33	N	3.5	1.5	10	EAST OF KURIL ISLANDS
	09	11	20	30.9*	43.801	N	147.779	E	33	N	4.6	1.1	14	KURIL ISLANDS
	09	11	28	07.1?	33.56	S	69.82	W	130	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	09	11	33	01.2&	26.812	S	26.838	E	10	G		1.2	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	09	11	37	08.5*	43.377	N	148.162	E	33	N	3.9	1.5	14	EAST OF KURIL ISLANDS
	09	11	43	25.5	26.887	S	26.719	E	5	G		0.7	12	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE). mbLg 3.8 (BUL).
a	09	12	24	22.8	43.883	N	147.341	E	46	D	5.8 5.5	0.8	490	KURIL ISLANDS
	09	12	47	18.2?	43.69	N	148.03	E	33	N	3.7	1.3	10	EAST OF KURIL ISLANDS
	09	12	48	27.7&	40.026	N	27.749	E	10	G		0.2	6	TURKEY. ML 2.8 (ISK).
	09	13	01	09.1?	43.67	N	147.78	E	33	N	3.4	1.3	6	KURIL ISLANDS
	09	13	20	58.7&	61.959	N	149.565	W	38				60	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	09	13	34	36.4	49.482	N	155.930	E	74		4.6	0.9	49	KURIL ISLANDS
	09	13	58	29.2*	42.943	N	148.788	E	33	N	4.3	1.1	9	OFF COAST OF HOKKAIDO, JAPAN
	09	14	05	19.2*	43.653	N	148.194	E	37	*	4.7	0.9	37	EAST OF KURIL ISLANDS
	09	14	07	38.0	60.680	N	3.905	E	10	G		1.2	10	NORTH SEA. MD 2.4 (BER).
	09	15	01	22.6	16.800	S	128.038	E	10	G	3.7	0.8	8	WESTERN AUSTRALIA
	09	15	02	18.3?	29.65	N	131.62	E	33	N	4.7	1.2	16	SOUTHEAST OF RYUKYU ISLANDS
	09	15	29	51.0*	43.692	N	148.170	E	33	N	4.7 4.9	0.8	42	EAST OF KURIL ISLANDS
	09	15	34	14.6	11.601	N	143.131	E	46	*	5.0	1.3	56	SOUTH OF MARIANA ISLANDS. Felt on Guam.
	09	15	40	54.0?	9.05	N	126.68	E	33	N	4.9	0.6	20	MINDANAO, PHILIPPINE ISLANDS
	09	16	04	24.7	43.525	N	147.693	E	33	N	4.7	0.9	63	KURIL ISLANDS
	09	16	24	11.8&	47.315	N	11.244	E	10	G		0.1	5	AUSTRIA. ML 1.5 (VIE).
	09	16	33	09.2*	43.216	N	148.510	E	33	N	4.6	1.3	16	EAST OF KURIL ISLANDS
	09	16	39	47.6&	47.317	N	11.247	E	10	G		0.1	5	AUSTRIA. ML 1.4 (VIE).
	09	16	49	18.0&	61.556	N	150.583	W	58				43	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	09	17	45	47.9	46.402	N	7.786	E	5	G		0.7	44	SWITZERLAND. ML 2.8 (GEN), 2.8 (LDG).
	09	17	51	18.9	43.301	N	147.482	E	47	*	4.7	1.0	55	KURIL ISLANDS
	09	18	01	54.4	42.037	N	19.920	E	10	G		0.6	12	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG), 2.0 (TIR).
	09	18	12	31.4?	44.23	N	147.60	E	33	N	4.0	0.4	6	KURIL ISLANDS
	09	18	19	37.8&	34.506	S	70.544	W	120	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	09	19	08	43.2	39.907	N	77.117	E	40	*	4.9 4.5	0.9	94	SOUTHERN XINJIANG, CHINA
	09	19	20	58.8&	32.323	N	115.229	W	6	G			29	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	09	19	49	52.9?	35.17	N	4.45	W	10	G		1.1	5	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	09	19	50	31.9*	43.210	N	148.105	E	33	N	4.1	1.1	12	EAST OF KURIL ISLANDS
	09	19	55	19.0*	43.041	N	148.430	E	33	N	4.5	1.2	11	EAST OF KURIL ISLANDS
a	09	20	25	08.5	43.843	N	147.967	E	35	D	5.4	0.9	215	KURIL ISLANDS. Mw 5.2 (HRV).
	09	20	54	15.4	43.053	N	147.373	E	22	D	4.9 4.3	1.1	117	KURIL ISLANDS
	09	21	32	01.2&	60.621	N	152.073	W	87				38	SOUTHERN ALASKA. <AEIC>.
	09	21	36	01.7?	24.94	N	122.49	E	33	N	4.7	1.0	8	TAIWAN REGION
	09	21	45	48.1&	58.424	N	133.471	W	10	G			3	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.2 (PGC).
	09	22	07	25.4*	43.171	N	147.855	E	33	N	4.6	1.0	15	KURIL ISLANDS
	09	22	23	49.1	43.076	N	146.849	E	28	D	5.0	0.9	125	KURIL ISLANDS
	09	22	27	53.0	52.402	N	152.361	E	491	*	3.9	0.6	38	NORTHWEST OF KURIL ISLANDS
	09	22	48	44.7?	31.64	S	71.67	W	33	N		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	09	23	08	51.8?	43.17	N	147.23	E	33	N	4.3	1.3	8	KURIL ISLANDS
	09	23	36	07.2?	43.17	N	147.06	E	77	?	4.6	1.2	15	KURIL ISLANDS
	10	00	49	57.6&	45.472	N	5.333	E	5	G		1.2	8	FRANCE. ML 2.1 (LDG).
	10	01	02	08.0	33.360	S	70.138	W	116	?		0.3	14	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	10	01	58	08.7	43.481	N	147.664	E	27	D	5.0	0.8	108	KURIL ISLANDS
	10	02	36	22.5?	43.21	N	147.88	E	33	N		1.3	7	KURIL ISLANDS
	10	02	43	20.0	11.882	N	60.188	W	10	G	4.6	1.0	14	WINDWARD ISLANDS. MD 4.3 (TRN).
	10	03	07	07.3&	38.746	N	119.659	W	1		4.3		104	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.4 (GM). ML 4.8 (BRK), 4.3 (GS). Felt (IV) at Gardnerville, Genoa and Hawthorne; (III) at Smith and Yerington, Nevada.
	10	03	10	24.8&	38.747	N	119.662	W	1				44	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (BRK), 3.2 (GS).
	10	03	17	12.2&	38.744	N	119.661	W	0				66	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
	10	03	33	59.1?	43.06	N	147.24	E	33	N	4.4	1.4	6	KURIL ISLANDS
	10	03	50	46.8?	9.27	N	126.39	E	33	N	4.7	0.8	16	MINDANAO, PHILIPPINE ISLANDS
	10	04	10	51.9*	43.791	N	148.056	E	33	N	4.6	0.9	13	EAST OF KURIL ISLANDS
	10	04	17	03.2&	61.493	N	150.095	W	44				40	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	04	28	05.9	58.369	N	154.773	W	10	G		0.8	45	ALASKA PENINSULA. ML 3.3 (AEIC), 3.6 (PMR).
	10	05	06	12.1&	32.023	N	114.896	W	23				12	W. ARIZONA-SONORA BORDER REGION. <ECX-P>. MD 3.6 (ECX). Felt at Riito, Sonora, Mexico.
	10	05	45	41.2&	26.942	S	26.757	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA
	10	07	02	33.8&	33.928	N	116.327	W	8				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	10	07	21	33.9&	60.208	N	151.764	W	56				44	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	10	08	27	28.6*	31.568	S	68.025	W	100	*		0.6	8	SAN JUAN PROVINCE, ARGENTINA
	10	09	47	18.4&	39.677	N	29.498	E	10	G		1.1	5	TURKEY. ML 2.8 (ISK).
	10	10	14	41.4&	39.641	N	29.410	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).

	10	10	20	28.2	42.995	N	146.856	E	64	D	4.4		0.9	33	OFF COAST OF HOKKAIDO, JAPAN
	10	10	31	44.3?	43.04	N	147.52	E	33	N	5.3		1.0	11	KURIL ISLANDS
	10	10	33	43.8*	43.577	N	148.095	E	48	D	4.5		1.4	35	EAST OF KURIL ISLANDS
	10	11	44	36.2*	31.471	S	69.059	W	115	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	10	11	55	18.3?	43.12	N	147.88	E	33	N	4.9		0.8	11	KURIL ISLANDS
	10	13	33	30.9	43.621	N	148.169	E	33	N	4.6		1.2	44	EAST OF KURIL ISLANDS
a	10	14	07	57.3	36.063	N	100.159	E	33	N	5.0		0.9	87	QINGHAI, CHINA. Mw 5.1 (HRV).
a	10	14	27	22.3	5.360	S	150.122	E	194		5.0		0.9	72	NEW BRITAIN REGION, P.N.G. Mw 5.1 (HRV).
	10	15	30	55.7*	43.121	N	146.612	E	40	?	4.9		1.3	27	KURIL ISLANDS
	10	15	31	07.7	41.101	N	21.312	E	5	G			1.1	31	NORTHWESTERN BALKAN REGION. ML 3.8 (TTG), 3.4 (TIR). MD 3.7 (ATH).
	10	16	25	17.9*	42.847	N	147.542	E	33	N	4.5		1.5	8	OFF COAST OF HOKKAIDO, JAPAN
	10	16	27	47.4?	7.75	S	129.42	E	211	?	4.9		0.2	16	BANDA SEA
	10	16	33	32.2&	28.005	S	26.764	E	5	G			0.9	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	10	17	04	20.4	26.386	S	27.441	E	5	G			0.9	11	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE). mbLg 3.7 (BUL).
	10	17	50	36.6&	44.745	N	9.784	E	10	G			0.5	8	NORTHERN ITALY. ML 2.5 (LDG).
	10	17	59	40.3	44.725	N	9.660	E	10	G			0.9	46	NORTHERN ITALY. ML 3.3 (LDG).
	10	18	06	14.1?	33.37	S	72.40	W	33	N			0.7	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	10	18	10	58.3&	44.760	N	9.798	E	10	G			0.3	6	NORTHERN ITALY. ML 2.5 (LDG).
	10	18	38	11.5*	43.098	N	148.152	E	33	N	4.3	4.1	1.0	14	EAST OF KURIL ISLANDS
	10	18	41	36.6*	43.272	N	147.143	E	33	N	4.8		1.3	16	KURIL ISLANDS
	10	18	49	12.2	3.765	S	77.908	W	23	D	4.9		1.0	59	PERU-ECUADOR BORDER REGION
	10	19	44	31.6	43.642	N	148.122	E	31	D	4.8	4.6	1.0	82	EAST OF KURIL ISLANDS
	10	20	19	09.4?	1.13	S	128.03	E	33	N	4.8		1.0	5	HALMAHERA, INDONESIA
	10	20	43	35.6?	42.95	N	0.05	W	5	G			0.8	5	PYRENEES. ML 2.7 (LDG). Felt (II) at Bagneres-de-Bigorre, France.
a	10	21	06	53.7	51.484	N	173.897	W	33	N	5.6	5.2	0.9	379	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.7 (HRV). ML 5.2 (PMR). Mo=4.2*10**17 Nm (PPT).
	10	21	07	21.4?	30.88	S	68.68	W	95	?			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	10	21	25	38.7	43.706	N	148.301	E	37	D	4.8		1.0	50	EAST OF KURIL ISLANDS
	10	21	29	09.4&	33.145	S	70.499	W	90	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	10	22	01	44.7*	51.634	N	173.894	W	33	N	4.3		0.7	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	22	17	43.5	43.165	N	147.336	E	19		4.9	4.5	1.1	118	KURIL ISLANDS
	10	23	20	04.9&	60.073	N	152.748	W	92					31	SOUTHERN ALASKA. <AEIC>.
	10	23	25	47.5*	31.120	S	68.458	W	33	N			1.4	5	SAN JUAN PROVINCE, ARGENTINA
	11	00	18	37.2*	33.789	S	72.130	W	33	N			0.8	14	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (III) at Rocas de Santo Domingo and Valparaiso.
	11	00	33	38.4?	44.73	N	9.85	E	10	G			0.3	10	NORTHERN ITALY. ML 2.7 (LDG).
a	11	01	37	20.3	32.100	S	71.447	W	47	G	5.7	5.4	0.9	250	NEAR COAST OF CENTRAL CHILE. Mw 5.8 (GS), 5.7 (HRV). MD 5.4 (SAN). Ms 5.0 (BRK). Mo=7.0*10**17 Nm (PPT). Felt (VI) at Illapel, Petorca, Quillota, San Felipe and Valparaiso; (IV) at Santiago. Depth from broadband displacement seismograms.
	11	01	45	24.5	27.393	N	129.634	E	35	D	5.0	5.2	1.0	53	RYUKYU ISLANDS
	11	02	19	00.7*	32.328	S	71.586	W	33	N			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	11	02	29	06.7*	51.632	N	7.769	E	10	G			0.2	5	GERMANY. ML 2.2 (UCC).
	11	02	46	42.4*	1.219	N	97.711	E	33	N	4.9		0.9	23	NORTHERN SUMATERA, INDONESIA
	11	02	59	02.9	19.868	S	66.627	W	259	D	4.7		1.0	90	SOUTHERN BOLIVIA
	11	03	12	56.9?	9.95	S	122.28	E	33	N	4.2		1.5	8	SAVU SEA
	11	03	33	25.4&	38.842	N	119.769	W	3					30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	11	05	22	02.2?	44.41	N	147.57	E	33	N	4.2		0.4	7	KURIL ISLANDS
	11	05	26	33.9*	43.068	N	147.755	E	33	N	4.5		1.2	16	KURIL ISLANDS
	11	05	30	01.8&	38.901	N	122.999	W	6					31	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	11	05	32	45.6*	30.150	N	91.938	E	14	D	4.8		1.2	39	XIZANG
	11	05	45	57.4&	44.493	N	6.975	E	5	G			0.9	5	FRANCE. ML 1.9 (GEN).
	11	06	19	09.0?	10.87	N	62.36	W	33	N			0.3	6	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	11	06	38	11.5	51.463	N	173.970	W	33	N	4.9		0.9	78	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	06	44	06.8	43.536	N	147.765	E	33	N	4.7		1.0	39	KURIL ISLANDS
	11	06	58	24.8&	34.792	N	118.923	W	14					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	11	07	24	11.7?	32.49	S	71.55	W	33	N			0.9	14	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	11	08	30	53.1?	39.14	N	27.67	E	10	G			0.9	4	TURKEY. ML 2.8 (ISK).
	11	09	31	35.0?	39.74	N	29.52	E	10	G			0.2	4	TURKEY. ML 2.7 (ISK).
	11	10	16	28.5?	40.34	N	27.11	E	10	G			0.4	4	TURKEY. ML 2.6 (ISK).
	11	11	13	25.6*	51.403	N	173.963	W	33	N	4.5		0.8	30	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	11	17	21.8?	39.08	N	27.60	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).
	11	11	21	54.1*	8.335	N	94.165	E	33	N	4.5		1.0	30	NICOBAR ISLANDS, INDIA
	11	11	28	52.5	43.245	N	146.794	E	33	N	5.0		0.8	135	KURIL ISLANDS
	11	12	00	14.8	42.960	N	147.037	E	38	D	4.6		1.0	54	OFF COAST OF HOKKAIDO, JAPAN
	11	12	00	39.0?	39.69	N	29.44	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).
	11	12	01	26.1&	36.858	N	121.601	W	8					72	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 2.9 (GS).
	11	12	02	09.1?	39.26	N	27.55	E	10	G			1.0	4	TURKEY. ML 2.8 (ISK).
	11	12	18	19.2?	39.70	N	29.49	E	10	G			0.6	4	TURKEY. ML 2.8 (ISK).
	11	12	21	24.9?	60.48	N	5.48	E	5	G			0.0	4	SOUTHERN NORWAY. MD 1.4 (BER).
	11	12	36	26.0*	2.340	S	133.886	E	33	N	4.9		1.6	20	IRIAN JAYA REGION, INDONESIA
	11	13	17	33.1*	51.425	N	174.077	W	33	N	4.7		1.0	46	ANDREANOF ISLANDS, ALEUTIAN IS.
	11	13	31	12.1	43.269	N	147.416	E	33	N	5.0		0.8	90	KURIL ISLANDS
	11	14	05	50.4*	43.262	N	147.199	E	33	N	4.7		0.8	9	KURIL ISLANDS
	11	14	11	15.8?	7.48	S	127.00	E	354	?	4.6		1.4	8	BANDA SEA
	11	14	55	02.5	39.363	N	27.684	E	10	G			0.6	18	TURKEY. ML 3.6 (ISK).
	11	14	56	46.4&	33.641	S	118.054	E	10	G			1.1	5	WESTERN AUSTRALIA
	11	14	58	13.8	43.570	N	147.818	E	30	D	4.8		0.9	51	KURIL ISLANDS
	11	15	12	41.8*	43.626	N	147.450	E	33	N	4.4		1.4	20	KURIL ISLANDS
	11	15	48	34.6?	26.34	S	27.33	E	5	G			1.7	4	REPUBLIC OF SOUTH AFRICA
	11	15	51	00.0	19.773	S	175.990	W	157	*	5.1		0.5	36	TONGA ISLANDS
a	11	17	08	03.1*	11.444	S	166.196	E	50	D	5.0	4.9	1.3	45	SANTA CRUZ ISLANDS. Mw 5.4 (HRV).
	11	17	25	50.8*	43.969	N	10.117	E	5	G			1.1	50	CENTRAL ITALY. ML 3.0 (LDG), 3.0 (GEN), 2.9 (STR).
	11	17	41	21.9?	42.23	N	6.76	W	5	G			0.8	4	SPAIN. mbLg 2.6 (MDD).
	11	17	55	11.4	43.199	N	147.357	E	33	N	5.1		0.9	137	KURIL ISLANDS
	11	18	27	57.5&	13.054	N	89.420	W	30				0.2	14	EL SALVADOR. MD 3.4 (SSS). Felt (II) at San Salvador.
	11	20	31	17.5*	33.558	N	45.678	E	18	D	4.7		1.1	109	IRAN-IRAQ BORDER REGION. Felt at Abdanan, Iran.
	11	20	45	11.7	35.960	N	100.299	E	33	N	4.7		0.7	40	QINGHAI, CHINA. Felt strongly in the Gonghe area.
	11	21	04	41.3*	55.186	S	145.909	E	14	D	4.3		1.1	11	WEST OF MACQUARIE ISLAND
	11	22	44	49.4?	10.45	N	61.62	W	10	G			0.6	4	TRINIDAD. MD 2.8 (TRN).

	11	22	56	37.4?	18.49	S	166.83	E	33	N			0.8	4	VANUATU ISLANDS REGION
	11	23	04	34.0?	30.71	S	178.87	W	268	*	4.4		1.6	13	KERMADEC ISLANDS, NEW ZEALAND
	11	23	05	29.3&	36.010	N	117.819	W	2					16	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.7 (PAS).
	11	23	13	48.7*	6.971	S	102.764	E	30	D	5.2		1.2	30	SOUTHWEST OF SUMATERA, INDONESIA
	11	23	13	50.5&	36.861	N	121.603	W	8					79	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.7 (BRK). Felt (IV) at Aromas and Soquel. Also felt at Gilroy and Watsonville.
	11	23	14	41.9&	33.674	N	116.722	W	15					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	01	21	09.0%	44.353	N	7.395	E	5	G			0.6	8	NORTHERN ITALY. ML 2.0 (GEN).
a	12	01	55	45.4	22.731	N	143.900	E	32	D	5.2		0.9	100	VOLCANO ISLANDS REGION. Mw 5.1 (HRV).
	12	02	58	00.2*	1.519	N	127.166	E	150	?	5.1		1.5	15	HALMAHERA, INDONESIA
	12	03	11	37.1*	43.808	N	147.627	E	33	N	4.7	4.4	1.1	37	KURIL ISLANDS
	12	03	38	28.3&	34.791	N	116.301	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	12	04	02	04.4	18.240	N	68.366	W	107		4.4		0.8	73	MONA PASSAGE
	12	04	07	34.6	32.483	S	70.054	W	124	?			0.3	14	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	12	04	59	13.9	39.742	N	15.381	E	21		4.8		1.4	135	SOUTHERN ITALY. MD 4.5 (TTG), 4.0 (FIR). ML 4.2 (TIR).
	12	05	21	25.3%	26.359	S	27.511	E	5	G			1.0	10	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
a	12	06	02	49.9	13.765	N	124.538	E	27	D	5.5	5.7	1.1	156	LUZON, PHILIPPINE ISLANDS. Mw 5.9 (HRV). Ms 5.6 (BRK). Mo=1.4*10**18 Nm (PPT).
	12	06	08	10.4*	13.695	N	124.548	E	21	D	5.4		1.0	70	LUZON, PHILIPPINE ISLANDS
	12	06	22	01.6*	43.819	N	148.344	E	33	N	4.9		1.0	42	EAST OF KURIL ISLANDS
	12	06	31	21.1	43.841	N	147.352	E	33	N	4.9		0.9	54	KURIL ISLANDS
	12	06	34	22.5	13.807	N	124.502	E	28	D	5.0		1.0	68	LUZON, PHILIPPINE ISLANDS
a	12	06	43	39.7	13.773	N	124.529	E	16	G	5.8	6.1	1.2	293	LUZON, PHILIPPINE ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Mo=6.6*10**18 Nm (PPT). Felt (III RF) at Bulusan, Legaspi and Sorsogon; (II RF) at Manila. Depth from broadband displacement seismograms.
	12	07	23	55.4*	3.473	S	130.872	E	27	D	5.0		1.4	38	SERAM, INDONESIA
	12	07	44	01.5*	42.371	N	44.430	E	10	G	4.3		1.6	9	NORTHWESTERN CAUCASUS
	12	08	27	49.9	43.883	N	147.400	E	33	N	4.7		1.0	49	KURIL ISLANDS
	12	08	59	27.1?	43.41	N	147.75	E	33	N			1.4	5	KURIL ISLANDS
	12	09	08	20.2	24.811	N	121.991	E	77	*	4.7		0.9	61	TAIWAN
	12	09	20	43.1?	51.63	N	173.69	W	33	N			0.9	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	09	22	50.5	21.918	S	67.483	W	187	*	4.7		1.2	22	CHILE-BOLIVIA BORDER REGION
	12	09	50	44.9	43.546	N	146.840	E	33	N	5.1	4.5	1.0	103	KURIL ISLANDS
a	12	10	33	22.0	51.605	N	173.770	W	33	N	5.1	4.8	1.0	170	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.3 (HRV). ML 5.0 (PMR).
	12	10	34	14.2%	50.426	N	4.826	E	10	G			0.1	5	BELGIUM. ML 2.4 (UCC).
	12	10	34	41.8*	31.751	S	67.896	W	33	N			1.3	7	SAN JUAN PROVINCE, ARGENTINA
	12	10	37	15.0*	36.008	N	31.295	E	10	G			1.7	10	TURKEY. ML 3.6 (ISK).
	12	11	09	33.7?	43.38	N	146.89	E	33	N	4.4		0.9	9	KURIL ISLANDS
	12	11	37	46.0&	62.173	N	124.131	W	10	G				9	NORTHWEST TERRITORIES, CANADA. <PGC-P>. ML 3.6 (PGC).
	12	11	42	54.9&	63.255	N	151.122	W	6					76	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.5 (PMR).
	12	11	44	18.2?	35.47	N	24.41	E	10	G			1.8	4	CRETE. MD 3.4 (ATH).
	12	11	51	35.9*	7.486	N	126.766	E	108	?	4.5		0.8	16	MINDANAO, PHILIPPINE ISLANDS
	12	11	56	11.2?	69.01	N	29.96	E	10	G			1.2	5	NORWAY-RUSSIA BORDER REGION. MD 2.7 (BER).
	12	12	29	04.4?	6.34	S	130.21	E	136	?	4.5		1.3	12	BANDA SEA
	12	13	59	25.0?	32.23	S	70.86	W	80	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	12	14	02	06.3%	44.391	N	7.403	E	10	G			0.4	9	NORTHERN ITALY. ML 2.0 (GEN).
	12	14	06	20.0?	44.30	N	147.29	E	32	D	4.7		1.3	18	KURIL ISLANDS
	12	14	46	32.2	43.352	N	147.361	E	33	N	4.8		0.7	59	KURIL ISLANDS
	12	15	04	53.1	13.713	N	124.492	E	20	D	5.0		1.3	59	LUZON, PHILIPPINE ISLANDS
	12	15	34	05.7&	58.546	N	150.772	W	6					52	GULF OF ALASKA. <AEIC>. ML 3.4 (AEIC).
	12	16	39	59.8%	42.805	N	1.788	E	10	G			0.3	9	PYRENEES. ML 1.8 (STR).
a	12	16	43	27.0*	6.936	S	155.781	E	49	D	5.5	5.2	1.0	174	SOLOMON ISLANDS. Mw 5.5 (HRV).
	12	18	32	05.8*	37.700	N	21.432	E	10	G			0.8	7	SOUTHERN GREECE. ML 3.3 (ATH).
	12	19	13	37.3%	33.173	S	70.314	W	5	G			0.4	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	12	19	16	08.5?	16.41	N	98.15	W	33	N			1.7	6	NEAR COAST OF GUERRERO, MEXICO
	12	19	29	22.4&	58.401	N	153.413	W	56					61	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	12	20	04	17.8%	28.010	S	26.908	E	5	G			0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	12	20	05	35.4?	3.62	S	130.77	E	33	N			1.1	13	SERAM, INDONESIA
	12	21	23	35.6	40.981	N	25.225	E	10	G			0.6	9	AEGEAN SEA. ML 3.4 (ISK). MD 3.3 (ATH).
	12	21	44	21.3?	43.05	N	147.19	E	33	N	4.5		1.7	11	KURIL ISLANDS
	12	22	01	53.2%	33.153	S	70.307	W	5	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	12	22	11	20.1&	59.856	N	153.490	W	126					31	SOUTHERN ALASKA. <AEIC>.
	12	22	13	44.9	26.831	S	26.805	E	5	G			1.5	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.2 (BUL). ML 3.1 (PRE).
	12	23	02	14.9?	36.25	N	1.93	W	5	G			0.9	7	WESTERN MEDITERRANEAN SEA. mbLg 2.3 (MDD).
	12	23	33	27.3*	40.636	N	72.437	E	33	N	4.3		1.3	17	KYRGYZSTAN
	13	00	13	39.8*	31.614	S	70.373	W	120	G			0.4	14	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	13	00	44	44.2?	38.14	N	21.22	E	10	G			0.7	4	GREECE. MD 3.2 (ATH).
	13	01	06	30.2	26.987	S	26.734	E	5	G			1.2	15	REPUBLIC OF SOUTH AFRICA. ML 4.0 (PRE). mbLg 3.7 (BUL).
	13	01	17	33.4%	26.352	S	27.524	E	5	G			0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	13	01	37	16.1*	38.110	N	21.066	E	33	N			1.0	7	GREECE. MD 3.4 (ATH).
	13	01	43	39.9%	26.895	S	26.751	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	13	02	53	17.9*	41.762	N	141.834	E	33	N	4.8		0.7	45	HOKKAIDO, JAPAN REGION
	13	03	15	39.9*	36.705	N	141.587	E	10	G	4.6		1.4	12	NEAR EAST COAST OF HONSHU, JAPAN
	13	03	18	10.8?	18.15	N	97.22	W	33	N			1.7	5	CENTRAL MEXICO
	13	04	14	41.0?	44.26	N	146.48	E	33	N	4.5		1.1	10	KURIL ISLANDS
a	13	05	04	24.9	1.212	S	127.912	E	11	G	6.1	6.3	1.3	269	HALMAHERA, INDONESIA. Mw 6.4 (GS), 6.4 (HRV). Mo=1.2*10**19 Nm (PPT). Nineteen people injured and damage on Obi. Depth from broadband displacement seismograms.
	13	06	24	01.2%	26.435	S	27.413	E	5	G			0.7	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	13	07	29	30.9?	34.46	S	70.39	W	10	G			0.1	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	13	09	03	58.6?	40.07	N	143.27	E	33	N	3.9		1.1	9	OFF EAST COAST OF HONSHU, JAPAN
	13	09	42	37.4%	26.354	S	27.464	E	5	G			0.8	9	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	13	09	51	15.2?	36.65	N	143.06	E	10	G	4.4		1.6	9	OFF EAST COAST OF HONSHU, JAPAN
	13	10	04	28.0%	40.737	N	29.099	E	10	G			0.5	6	TURKEY. ML 2.9 (ISK).
	13	10	21	13.4?	41.98	N	2.31	W	10	G			0.2	4	SPAIN. mbLg 2.9 (MDD).
	13	11	14	40.1	28.746	N	43.595	W	10	G	4.9	5.0	1.0	29	NORTHERN MID-ATLANTIC RIDGE
	13	11	27	06.5	43.859	N	148.044	E	33	N	4.8		0.8	43	EAST OF KURIL ISLANDS
	13	11	28	36.0*	43.395	N	146.807	E	33	N	4.9		0.9	36	KURIL ISLANDS
	13	11	33	17.2%	42.426	N	19.248	E	20	*			0.1	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).

a	13	12	03	18.5	43.406	N	146.840	E	33	N	5.3	0.9	226	KURIL ISLANDS. Mw 5.2 (HRV).
	13	12	09	35.6?	43.12	N	147.93	E	33	N		1.1	5	KURIL ISLANDS
	13	12	57	08.3%	26.371	S	27.494	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	13	13	31	59.0	43.656	N	147.719	E	34	D	5.1	1.0	109	KURIL ISLANDS
	13	13	48	30.0	43.864	N	147.280	E	33	N	5.2	0.8	136	KURIL ISLANDS
	13	13	49	28.8	45.554	N	21.192	E	23			1.5	37	ROMANIA. MD 4.1 (TTG).
	13	13	50	53.9*	15.763	N	94.188	W	85	*	4.0	1.5	24	NEAR COAST OF OAXACA, MEXICO
	13	14	48	09.9*	42.759	N	147.200	E	33	N	4.4	0.6	10	OFF COAST OF HOKKAIDO, JAPAN
	13	15	24	20.3	19.131	S	169.161	E	172		5.0	1.0	64	VANUATU ISLANDS
	13	15	27	41.3?	44.13	N	146.57	E	33	N	4.4	0.4	5	KURIL ISLANDS
	13	15	57	08.0&	63.596	N	147.806	W	80				45	CENTRAL ALASKA. <AEIC>.
	13	16	16	04.5?	31.09	S	68.61	W	100	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	13	16	22	55.8	43.189	N	146.470	E	33	N	4.9	0.9	70	KURIL ISLANDS
	13	16	35	00.2	26.462	S	27.486	E	5	G		1.1	14	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL). ML 3.4 (PRE).
	13	16	37	55.9?	43.78	N	147.10	E	33	N	4.3	0.4	4	KURIL ISLANDS
	13	17	10	02.2	43.727	N	28.798	W	10	G	4.7 4.0	0.9	50	NORTHERN MID-ATLANTIC RIDGE
	13	17	30	45.3%	26.749	S	26.718	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	13	18	13	11.6%	44.359	N	7.387	E	5	G		0.3	6	NORTHERN ITALY. ML 1.8 (GEN).
	13	18	13	23.0*	43.907	N	147.426	E	33	N	4.5	0.9	12	KURIL ISLANDS
	13	18	43	10.6%	44.366	N	7.377	E	5	G		0.3	6	NORTHERN ITALY. ML 2.0 (GEN).
	13	19	33	07.0%	39.201	N	28.142	E	10	G		0.4	12	TURKEY. ML 3.2 (ISK).
	13	19	53	01.5&	62.903	N	150.680	W	110				54	CENTRAL ALASKA. <AEIC>.
	13	20	15	00.8?	31.44	S	68.32	W	100	G		0.1	5	SAN JUAN PROVINCE, ARGENTINA
	13	21	31	30.7	43.472	N	147.513	E	22	D	4.9	0.8	56	KURIL ISLANDS
	13	21	50	15.7	56.786	N	5.755	W	10	G		0.4	17	UNITED KINGDOM. ML 2.2 (BGS). Felt (II) at Kentra.
	13	22	09	15.5%	30.937	S	67.271	W	33	N		0.6	5	SAN JUAN PROVINCE, ARGENTINA
a	13	22	23	10.2	42.989	N	148.218	E	33	N	5.1 5.0	1.0	98	OFF COAST OF HOKKAIDO, JAPAN. Mw 5.1 (HRV).
	13	22	31	20.0%	33.146	S	70.319	W	5	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	13	23	06	55.0&	35.499	N	120.854	W	6	G			50	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	13	23	19	57.2	40.381	N	52.975	E	33	N	4.3	0.8	30	TURKMENISTAN
	13	23	31	27.5*	45.493	N	21.004	E	10	G	4.7	1.2	25	ROMANIA
	13	23	47	57.4*	31.366	S	68.683	W	110		4.0	0.9	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.6 (SAN).
	13	23	48	48.5%	42.128	N	19.282	E	10	G		0.4	6	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	14	00	03	08.7*	8.634	S	118.843	E	33	N	4.3	0.1	5	SUMBAWA REGION, INDONESIA
	14	00	30	43.8?	44.63	N	146.86	E	33	N	4.5	0.5	35	KURIL ISLANDS
	14	00	57	25.3&	40.318	N	124.620	W	19		3.9		74	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 4.1 (GM). ML 4.2 (BRK). Mo=7.1*10**15 Nm (BRK). Felt (III) at Eureka, Fortuna, Honeydew, Rio Dell and Scotia.
	14	01	03	48.6&	40.313	N	124.654	W	19				27	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK), 3.1 (GS).
	14	01	10	59.7%	33.712	S	70.278	W	110	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	14	02	38	40.7*	9.392	S	115.871	E	106	*	4.6	1.2	25	SOUTH OF BALI, INDONESIA. Felt (III) at Denpasar, Bali and (II) at Mataram, Lombok.
	14	02	44	08.7	34.590	N	25.146	E	33	N	3.9	0.9	30	CRETE. MD 4.2 (ATH).
	14	03	26	16.7	35.516	N	3.859	W	10	G		1.3	10	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	14	03	58	47.8%	44.100	N	8.045	E	5	G		0.6	6	NORTHERN ITALY. ML 1.9 (GEN).
	14	04	06	15.9	43.456	N	147.066	E	33	N	4.8	0.8	57	KURIL ISLANDS
	14	04	13	51.5?	31.38	S	69.17	W	120	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	14	04	28	10.1	38.070	N	21.192	E	10	G		1.0	8	GREECE. MD 3.5 (ATH).
	14	06	02	30.7%	31.252	S	68.335	W	100	G		1.5	5	SAN JUAN PROVINCE, ARGENTINA
	14	06	04	30.2?	30.96	S	68.66	W	100	G		0.7	5	SAN JUAN PROVINCE, ARGENTINA
	14	06	33	25.6&	40.427	N	124.418	W	19				30	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK), 3.0 (GS).
	14	06	38	28.6%	26.838	S	26.746	E	5	G		0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	14	06	56	25.2?	43.21	N	146.46	E	33	N	4.4	1.5	9	KURIL ISLANDS
	14	07	00	00.6&	63.421	N	151.014	W	9				52	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	14	07	01	15.4?	8.32	S	128.42	E	182	?	4.5	1.3	9	TIMOR SEA
	14	07	13	27.3*	43.778	N	147.893	E	33	N	4.4	1.0	11	KURIL ISLANDS
	14	08	42	48.3*	14.409	S	166.793	E	33	N	4.8	1.1	52	VANUATU ISLANDS
	14	08	50	02.6%	26.397	S	27.438	E	5	G		1.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	14	09	04	29.3*	35.756	N	26.580	E	33	N		0.6	6	CRETE. MD 3.9 (ATH).
	14	09	12	27.1	42.098	N	19.233	E	10	G		1.3	31	NORTHWESTERN BALKAN REGION. ML 3.5 (TTG), 3.4 (TIR), 3.0 (SKO).
	14	09	21	11.4?	44.10	N	6.68	E	10	G		0.2	5	FRANCE
	14	09	36	46.4%	26.838	S	26.645	E	5	G		1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	14	09	46	08.7?	17.42	S	178.94	W	520	?	4.5	0.7	11	FIJI ISLANDS REGION
a	14	10	16	32.9	22.397	N	121.640	E	141	*	5.1	1.1	79	TAIWAN REGION. Mw 5.2 (HRV).
	14	10	31	11.2	42.120	N	19.264	E	10	G		0.6	15	NORTHWESTERN BALKAN REGION. MD 2.9 (TTG). ML 2.8 (TIR).
	14	10	36	59.9?	72.06	N	0.13	W	10	G	4.0	1.4	7	JAN MAYEN ISLAND REGION
	14	12	27	33.2%	69.326	N	30.595	E	10	G		1.7	6	NORWAY-RUSSIA BORDER REGION
	14	12	36	29.4	43.927	N	147.953	E	33	N	5.0	0.9	59	KURIL ISLANDS
	14	13	34	06.3	40.386	N	26.043	E	10	G		0.9	9	TURKEY. ML 3.3 (ISK). MD 3.2 (ATH).
	14	13	44	15.0	42.325	N	18.929	E	10	G		0.5	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	14	14	00	20.7?	18.06	S	168.01	E	33	N	4.2	0.2	4	VANUATU ISLANDS
	14	15	30	29.4*	46.180	N	16.178	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU).
	14	16	08	17.7*	43.755	N	147.593	E	33	N	4.1	1.5	14	KURIL ISLANDS
	14	16	33	22.8%	42.127	N	19.298	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. MD 2.1 (TTG).
	14	17	00	56.9%	42.123	N	19.294	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	14	17	14	14.1*	51.444	N	15.818	E	10	G		0.7	10	POLAND. ML 3.3 (GRF), 2.8 (CLL).
	14	17	45	13.9?	31.26	S	68.88	W	100	G		0.6	5	SAN JUAN PROVINCE, ARGENTINA
	14	18	13	56.3%	42.525	N	19.291	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	14	18	56	06.6&	47.430	N	122.820	W	2				77	WASHINGTON. <SEA-P>. MD 2.8 (SEA). ML 2.9 (GS). Felt (IV) at Belfair, (III) at Kent and (II) at Burley. Also felt at Port Orchard.
	14	19	45	55.5*	51.336	N	176.124	W	33	N	4.2	1.4	7	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	20	00	32.9?	31.31	S	68.93	W	100	G		0.3	4	SAN JUAN PROVINCE, ARGENTINA
	14	20	08	06.8	43.308	N	147.205	E	33	N	5.4	0.9	194	KURIL ISLANDS
	14	21	32	45.0	42.130	N	19.276	E	10	G		0.7	13	NORTHWESTERN BALKAN REGION. MD 2.3 (TTG). ML 1.9 (TIR).
	14	21	40	27.3	36.274	N	5.965	W	10	G		1.1	14	STRAIT OF GIBRALTAR. MD 3.0 (SFS). mbLg 2.8 (MDD).
	14	23	24	30.8?	43.86	N	147.49	E	33	N	4.5	0.5	23	KURIL ISLANDS
	14	23	29	13.8?	43.58	N	146.10	E	33	N	4.4	1.1	4	KURIL ISLANDS
	15	00	25	47.8?	33.56	S	68.00	W	33	N		0.8	6	MENDOZA PROVINCE, ARGENTINA
a	15	00	39	25.4	3.804	S	152.148	E	9	G	5.6 6.1	1.1	152	NEW IRELAND REGION, P.N.G. Mw 6.1 (GS), 6.1 (HRV). Ms

													6.0 (BRK). Mo=3.5*10**18 Nm (PPT). Felt at Rabaul, New Britain. Depth from broadband displacement seismograms.
	15	00	49	16.4%	42.133	N	19.258	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	15	01	06	37.5?	34.20	S	70.22	W	5	G		0.6	5 CHILE-ARGENTINA BORDER REGION
	15	01	22	39.8&	38.757	N	119.719	W	0				11 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	15	01	26	23.2	4.913	S	104.760	E	142	D	4.9	1.2	57 SOUTHERN SUMATERA, INDONESIA
	15	01	42	51.2	45.475	N	21.015	E	10	G		1.4	77 ROMANIA. ML 4.2 (TTG), 3.8 (TIR), 3.6 (VIE).
	15	01	48	01.5?	34.04	S	72.25	W	10	G		0.5	8 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	15	02	19	31.3?	36.46	N	6.95	W	33	N		1.3	5 STRAIT OF GIBRALTAR
	15	02	29	14.3%	44.437	N	7.248	E	5	G		0.5	10 NORTHERN ITALY. ML 2.3 (GEN).
	15	03	56	00.7?	40.62	N	30.00	E	10	G		0.1	4 TURKEY. ML 2.7 (ISK).
	15	05	24	16.8&	60.078	N	153.544	W	151				57 SOUTHERN ALASKA. <AEIC>.
	15	05	30	35.0%	26.243	S	28.218	E	5	G		1.1	10 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	15	05	34	58.6?	38.28	N	24.60	E	33	N		1.1	4 AEGEAN SEA
	15	05	45	24.1&	63.071	N	150.767	W	120				78 CENTRAL ALASKA. <AEIC>.
a	15	06	48	00.2*	58.823	S	158.601	E	33	N	4.9 5.0	1.3	28 MACQUARIE ISLANDS REGION. Mw 5.4 (HRV).
	15	07	08	29.7*	3.096	S	139.666	E	33	N	4.9	1.3	20 IRIAN JAYA, INDONESIA
	15	07	31	08.5*	37.706	N	30.162	E	10	G		1.7	6 TURKEY. MD 3.9 (ATH). ML 3.4 (ISK).
	15	07	56	48.0?	45.38	N	20.94	E	10	G		0.6	7 NORTHWESTERN BALKAN REGION
	15	08	09	00.0?	6.22	N	126.00	E	33	N	4.9	1.2	20 MINDANAO, PHILIPPINE ISLANDS
	15	08	15	08.1	43.084	N	147.750	E	33	N	4.6	1.0	42 KURIL ISLANDS
	15	09	03	02.7?	39.26	N	27.69	E	10	G		0.3	4 TURKEY. ML 2.8 (ISK).
	15	10	10	12.4?	43.19	N	147.71	E	33	N		1.6	7 KURIL ISLANDS
	15	10	33	47.6	40.537	N	143.627	E	33	N	4.6 4.0	1.0	28 OFF EAST COAST OF HONSHU, JAPAN
	15	10	43	06.7?	26.82	N	126.44	E	33	N	4.6	1.3	9 RYUKYU ISLANDS
	15	10	44	41.9&	65.964	N	151.288	W	10	G			13 NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	15	11	40	06.5?	39.58	N	29.39	E	10	G		0.5	4 TURKEY. ML 2.7 (ISK).
	15	12	14	43.0?	43.42	N	147.27	E	33	N	4.2	1.7	14 KURIL ISLANDS
	15	12	27	59.1&	60.790	N	147.310	W	23				51 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	15	12	32	30.0%	44.999	N	6.735	E	5	G		0.6	6 FRANCE. ML 2.2 (GEN).
	15	12	40	49.5	40.751	N	26.263	E	10	G		0.6	9 TURKEY. ML 2.9 (ISK).
	15	12	51	12.8*	3.024	S	139.617	E	33	N	4.7 4.5	1.4	20 IRIAN JAYA, INDONESIA
	15	12	55	50.4*	32.760	S	71.513	W	33	N		1.0	13 NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	15	12	57	02.2%	38.777	N	27.564	E	10	G		0.3	8 TURKEY. ML 3.3 (ISK).
	15	15	16	46.9	43.771	N	148.074	E	35	D	5.0	0.9	69 EAST OF KURIL ISLANDS
	15	15	20	31.3*	31.828	S	71.796	W	10	G		0.4	13 NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	15	15	24	39.3	43.794	N	147.870	E	33	N	5.2	0.9	136 KURIL ISLANDS
	15	18	10	46.8*	39.035	N	23.490	E	10	G		1.6	8 AEGEAN SEA. ML 3.3 (ATH).
	15	19	04	25.5*	1.394	S	127.546	E	19	D	4.8	1.3	16 HALMAHERA, INDONESIA
	15	19	20	48.5%	26.167	S	28.154	E	5	G		1.6	5 REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	15	20	56	44.5&	40.401	N	125.506	W	23				19 OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	15	21	06	39.3%	44.058	N	7.028	E	5	G		0.7	8 NORTHERN ITALY. ML 2.1 (GEN).
	15	21	12	19.9?	13.22	S	166.99	E	246	?	4.6	1.2	33 VANUATU ISLANDS
	15	22	12	07.7?	29.47	N	142.23	E	33	N	4.6	1.3	7 SOUTH OF HONSHU, JAPAN
	15	22	17	48.0*	43.845	N	147.200	E	33	N	4.4	0.9	32 KURIL ISLANDS
	15	22	31	33.8?	11.05	N	62.21	W	120	?		0.6	8 WINDWARD ISLANDS
	15	22	41	37.0	42.730	N	146.102	E	33	N	4.7	0.8	40 OFF COAST OF HOKKAIDO, JAPAN
	15	22	53	09.3?	51.45	N	15.81	E	10	G		1.2	9 POLAND. ML 3.3 (VIE), 3.2 (GRF).
	15	23	21	06.4	34.159	N	135.240	E	10	G	4.5	1.0	19 NEAR S. COAST OF WESTERN HONSHU. Felt (IV JMA) at Wakayama, (II JMA) at Kobe and (I JMA) at Nara. Also felt (I JMA) at Tokushima, Shikoku.
	15	23	24	35.7*	43.472	N	147.704	E	33	N	4.6	0.5	9 KURIL ISLANDS
	15	23	31	00.9*	42.220	N	131.358	E	500	G	4.4	0.8	16 E. RUSSIA-N.E. CHINA BORDER REG.
	15	23	44	25.4*	16.880	N	146.308	E	93	*	4.8	1.3	44 MARIANA ISLANDS
a	16	00	06	49.1	9.297	S	75.775	W	128	G	5.4	1.0	319 CENTRAL PERU. Mw 5.6 (GS), 5.6 (HRV). Felt (IV) at Huanuco and Tingo Maria and (II) at Lima. Depth from broadband displacement seismograms.
	16	00	53	01.8*	31.612	S	69.335	W	120	G		0.8	15 SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	16	00	56	53.0&	37.539	N	118.848	W	10				26 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	16	01	06	07.2?	40.42	N	28.90	E	10	G		0.5	4 TURKEY. ML 2.5 (ISK).
	16	01	25	05.4?	34.44	S	70.55	W	110	G		0.2	10 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	16	01	33	17.0	43.292	N	147.420	E	33	N	5.0	0.8	117 KURIL ISLANDS
	16	01	52	40.9	43.143	N	18.840	E	10	G		0.9	10 NORTHWESTERN BALKAN REGION. MD 2.1 (TTG).
	16	01	54	35.3&	60.037	N	153.013	W	115				44 SOUTHERN ALASKA. <AEIC>
	16	02	11	36.5&	60.742	N	147.344	W	17				22 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	03	02	52.4?	17.05	S	72.63	W	84	?	4.5	1.6	9 NEAR COAST OF PERU
	16	03	09	20.5*	32.364	S	71.516	W	33	N		0.4	11 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	16	03	55	42.9?	31.52	S	68.78	W	100	G		0.6	4 SAN JUAN PROVINCE, ARGENTINA
	16	04	11	29.9*	43.693	N	147.481	E	33	N	4.4	0.8	10 KURIL ISLANDS
	16	04	58	43.8	36.270	N	5.928	W	10	G		1.3	14 STRAIT OF GIBRALTAR. MD 2.9 (SFS). mbLg 2.8 (MDD).
a	16	05	10	00.9	45.749	N	149.167	E	117	G	6.4	0.9	665 KURIL ISLANDS. Mw 6.7 (GS), 6.7 (HRV). mb 6.8 (BRK). Mo=4.5*10**18 Nm (PPT). Felt (V) at Kurilsk and (IV) at Yuzhno-Kurilsk. Two events about 3.1 seconds apart. Depths 116.6 and 115.1 km, respectively, from broadband displacement seismograms.
	16	06	05	40.1%	40.827	N	27.713	E	10	G		0.4	8 TURKEY. ML 2.9 (ISK).
	16	06	21	01.3?	31.04	S	69.46	W	100	G		0.3	5 SAN JUAN PROVINCE, ARGENTINA
	16	07	05	22.8*	7.107	S	128.708	E	33	N	4.2	0.9	8 BANDA SEA
	16	07	52	32.0?	31.61	S	117.11	E	10	G		0.1	4 WESTERN AUSTRALIA
	16	09	32	38.1?	2.45	S	140.33	E	33	N	4.0	0.5	4 NEAR NORTH COAST OF IRIAN JAYA
	16	09	33	35.6&	61.212	N	151.820	W	85				37 SOUTHERN ALASKA. <AEIC>.
	16	09	42	50.9&	59.112	N	153.229	W	84				44 SOUTHERN ALASKA. <AEIC>.
	16	09	43	03.4%	39.598	N	29.494	E	10	G		0.5	6 TURKEY. ML 2.7 (ISK).
	16	10	09	52.5*	38.089	N	56.703	E	33	N	4.5	1.3	7 TURKMENISTAN-IRAN BORDER REGION. ML 4.9 (TEH). Felt (VI) at Kara-Kala, Turkmenistan.
	16	10	32	56.7%	34.102	S	70.337	W	10	G		0.3	7 CHILE-ARGENTINA BORDER REGION
	16	11	11	52.5*	3.977	S	152.128	E	33	N	4.3	1.1	8 NEW IRELAND REGION, P.N.G.
	16	11	18	40.6%	39.618	N	28.282	E	10	G		0.5	5 TURKEY. ML 2.8 (ISK).
	16	11	27	07.6*	34.148	S	70.882	W	80	G		0.5	9 CHILE-ARGENTINA BORDER REGION
	16	11	39	38.8%	26.156	S	28.196	E	5	G		0.7	5 REPUBLIC OF SOUTH AFRICA
	16	11	50	18.8*	19.044	S	168.488	E	218		4.8	1.0	16 VANUATU ISLANDS
	16	12	31	58.3	5.700	N	79.270	W	33	N	4.9	1.3	26 SOUTH OF PANAMA
	16	12	40	40.8?	17.99	S	178.53	W	550	G	4.6	0.8	11 FIJI ISLANDS REGION

	16	13	30	21.6%	26.891	S	26.714	E	5	G			1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	16	14	14	14.0?	4.44	S	144.06	E	123	*	4.9		1.3	22	NEAR N COAST OF NEW GUINEA, PNG.
	16	15	40	51.6?	3.69	S	152.38	E	33	N	4.2		1.5	5	NEW IRELAND REGION, P.N.G.
	16	15	46	09.9?	13.79	N	93.00	W	33	N	4.1		1.1	9	OFF COAST OF CHIAPAS, MEXICO
	16	15	50	28.7?	44.52	N	7.27	E	5	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	16	16	29	55.9&	34.230	N	116.753	W	10					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	16	16	36	51.6?	16.81	S	167.31	E	33	N			0.7	7	VANUATU ISLANDS
	16	16	55	51.0&	61.132	N	152.003	W	104					52	SOUTHERN ALASKA. <AEIC>.
a	16	17	04	05.9*	3.620	S	152.004	E	33	N	4.6	4.7	1.4	9	NEW IRELAND REGION, P.N.G. Mw 5.1 (HRV).
	16	17	25	34.6*	37.988	N	21.319	E	5	G			0.5	11	SOUTHERN GREECE. ML 3.5 (THE), 3.4 (ATH).
	16	17	33	23.1?	3.62	S	151.97	E	33	N	4.2		1.1	7	NEW IRELAND REGION, P.N.G.
a	16	17	56	28.6*	3.614	S	151.998	E	33	N	4.6	4.7	1.5	16	NEW IRELAND REGION, P.N.G. Mw 5.2 (HRV).
	16	18	00	47.6*	31.758	S	71.877	W	33	N			0.4	15	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	16	18	12	48.3*	38.077	N	21.089	E	33	N			1.4	7	GREECE. MD 3.4 (ATH).
	16	18	40	53.0%	42.446	N	1.766	E	10	G			0.3	6	PYRENEES. ML 2.4 (STR).
	16	18	41	27.4	43.748	N	147.428	E	33	N	4.8		0.8	68	KURIL ISLANDS
	16	18	59	33.4?	37.96	N	21.12	E	5	G			1.1	6	SOUTHERN GREECE. MD 3.3 (ATH).
	16	19	47	38.6*	6.863	N	73.094	W	162		4.7		1.1	24	NORTHERN COLOMBIA
	16	20	24	12.1?	30.79	S	117.11	E	10	G			0.6	4	WESTERN AUSTRALIA
	16	20	34	06.3	42.842	N	19.184	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. MD 2.3 (TTG).
	16	21	34	40.6*	38.111	N	21.211	E	5	G			1.4	7	GREECE. MD 3.4 (ATH).
	16	23	18	15.2?	31.58	S	68.62	W	10	G			0.6	4	SAN JUAN PROVINCE, ARGENTINA
	16	23	51	00.1?	3.42	S	152.30	E	33	N	4.1		0.4	4	NEW IRELAND REGION, P.N.G.
	17	00	26	52.1*	42.995	N	16.479	E	5	G			1.1	11	ADRIATIC SEA. ML 2.6 (TTG).
	17	01	06	57.7&	61.530	N	151.036	W	66					47	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	17	01	11	56.7?	33.76	S	71.82	W	33	N			0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	17	01	46	12.2	42.675	N	111.079	W	5	G			1.0	19	EASTERN IDAHO. ML 3.5 (GS), 3.2 (BUT). Felt (III) at Smoot and (II) at Afton, Wyoming.
	17	02	17	32.5?	31.39	S	68.69	W	100	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	17	03	12	35.9?	47.21	N	11.27	E	10	G			0.2	4	AUSTRIA. ML 1.1 (VIE).
	17	03	23	21.9*	27.590	S	71.215	W	33	N			1.1	18	NEAR COAST OF NORTHERN CHILE. Felt (III) at Caldera, Chanaral, Copiapo and Huasco.
	17	03	48	39.3%	36.355	N	5.987	W	10	G			1.4	5	STRAIT OF GIBRALTAR. MD 2.6 (SFS).
	17	04	18	30.7	5.050	N	82.411	W	33	N	4.5		0.9	15	SOUTH OF PANAMA. MD 4.5 (UPA).
	17	04	28	17.3	36.303	N	5.928	W	10	G			1.5	11	STRAIT OF GIBRALTAR. MD 2.8 (SFS). mbLg 2.5 (MDD).
	17	05	15	57.1?	31.27	S	68.41	W	100	G			0.6	6	SAN JUAN PROVINCE, ARGENTINA
	17	05	25	08.9?	43.40	N	147.29	E	33	N	4.2		1.2	9	KURIL ISLANDS
	17	06	30	17.3	42.365	N	19.285	E	10	G			1.1	11	NORTHWESTERN BALKAN REGION. MD 2.5 (TTG).
	17	06	44	32.8%	42.374	N	19.259	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. MD 2.2 (TTG).
	17	07	40	42.7&	60.202	N	153.367	W	124		4.7			148	SOUTHERN ALASKA. <AEIC>. Felt at Kasilof.
	17	07	49	43.7%	39.169	N	27.415	E	10	G			0.7	5	TURKEY. ML 2.8 (ISK).
	17	08	34	13.6?	39.15	N	27.51	E	10	G			0.3	4	TURKEY. ML 2.8 (ISK).
	17	09	02	12.8	37.473	N	20.810	E	33	N	4.5		1.2	56	IONIAN SEA. MD 4.4 (TTG), 4.1 (ATH).
	17	09	04	25.2?	37.25	N	3.69	W	10	G			0.9	4	SPAIN. mbLg 2.0 (MDD).
	17	09	04	38.9%	39.095	N	27.691	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	17	09	08	27.2?	34.28	S	71.98	W	33	N			0.9	15	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	17	09	11	14.8?	31.74	S	69.39	W	120	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	17	09	22	20.2*	35.366	N	140.477	E	33	N	4.3		1.1	12	NEAR EAST COAST OF HONSHU, JAPAN
	17	09	44	20.4*	43.706	N	147.139	E	33	N	4.6		0.8	20	KURIL ISLANDS
	17	10	03	33.7?	38.88	N	28.91	E	10	G			0.6	5	TURKEY. ML 2.9 (ISK).
	17	10	04	56.3%	39.709	N	29.499	E	10	G			0.4	5	TURKEY. ML 2.8 (ISK).
	17	10	17	47.8?	35.72	N	140.22	E	60	G			0.3	7	NEAR EAST COAST OF HONSHU, JAPAN
	17	10	33	01.9	41.711	N	27.306	E	10	G			0.7	20	TURKEY. ML 3.2 (ISK).
	17	10	45	41.0?	6.58	S	131.15	E	33	N			1.6	5	TANIMBAR ISLANDS REG., INDONESIA
	17	10	54	14.7	39.357	N	25.975	E	28		3.9		1.2	51	AEGEAN SEA. ML 4.1 (ISK), 3.8 (ATH).
	17	10	58	02.7?	37.26	N	3.71	W	10	G			0.4	4	SPAIN
	17	11	54	13.6?	4.84	S	145.59	E	33	N	3.8		0.8	7	NEAR N COAST OF NEW GUINEA, PNG.
	17	13	12	47.1%	39.223	N	27.779	E	10	G			0.5	5	TURKEY. ML 2.8 (ISK).
a	17	13	54	59.9	43.493	N	146.892	E	33	N	5.5		0.9	236	KURIL ISLANDS. Mw 5.2 (HRV).
	17	13	59	11.9%	42.139	N	145.100	E	33	N			0.3	5	HOKKAIDO, JAPAN REGION
	17	14	00	57.1?	51.42	N	15.73	E	10	G			0.8	8	POLAND. ML 2.4 (CLL).
	17	14	11	01.4*	34.957	N	25.682	E	5	G			0.5	5	CRETE. MD 3.8 (ATH).
	17	14	12	02.5&	63.874	N	146.141	W	10					63	CENTRAL ALASKA. <AEIC>. ML 4.0 (AEIC), 4.1 (PMR). Felt (III) at Big Delta.
	17	14	33	45.4&	63.871	N	146.119	W	12					54	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.5 (PMR).
	17	14	48	13.8%	39.667	N	29.499	E	10	G			0.4	7	TURKEY. ML 2.8 (ISK).
	17	14	58	52.6?	24.13	S	179.52	W	500	G	4.6		1.2	12	SOUTH OF FIJI ISLANDS
	17	15	38	42.1?	39.92	N	28.01	E	10	G			0.7	5	TURKEY. ML 2.6 (ISK).
	17	17	03	20.0	43.559	N	147.048	E	33	N	4.7		1.0	48	KURIL ISLANDS
	17	18	59	46.7%	39.053	N	27.832	E	10	G			0.8	10	TURKEY. ML 3.3 (ISK).
	17	19	19	24.0?	31.13	S	68.15	W	100	G			0.4	7	SAN JUAN PROVINCE, ARGENTINA
a	17	19	25	53.5*	5.888	S	154.618	E	146	D	5.4		0.9	168	SOLOMON ISLANDS. Mw 5.3 (HRV).
	17	21	02	54.8?	34.91	N	26.33	E	33	N			0.6	4	CRETE. MD 3.8 (ATH).
	17	21	23	16.0?	4.37	S	142.23	E	104	*	4.8		1.3	24	NEW GUINEA, PAPUA NEW GUINEA
	17	21	24	54.1?	10.28	N	60.86	W	80	G			1.6	4	TRINIDAD. MD 3.0 (TRN).
	17	21	58	57.4%	44.356	N	7.387	E	10	G			0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
	17	23	03	57.8	33.799	S	71.111	W	59	?			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	17	23	26	16.2%	44.929	N	7.255	E	10	G			0.6	11	NORTHERN ITALY. ML 2.3 (GEN).
	18	00	59	56.7?	40.95	N	79.89	E	33	N	4.7		0.5	6	SOUTHERN XINJIANG, CHINA
	18	01	05	40.8*	40.197	N	23.470	E	10	G			1.7	10	GREECE. MD 3.1 (ATH).
	18	01	13	49.3%	39.253	N	27.882	E	10	G			0.3	6	TURKEY. ML 2.8 (ISK).
	18	01	26	11.7%	43.228	N	0.608	W	10	G			0.4	7	PYRENEES. ML 1.0 (STR).
	18	02	03	37.9&	65.122	N	150.416	W	2					27	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	18	02	33	08.5	38.026	N	21.037	E	33	N			1.2	9	GREECE. MD 3.6 (ATH).
a	18	03	07	36.2	13.286	N	89.197	W	84		5.0		1.2	222	EL SALVADOR. Mw 5.4 (HRV). MD 5.0 (GCG), 4.4 (SSS). Felt (V) at San Salvador.
	18	03	10	38.8	17.350	S	178.660	W	531		4.9		1.1	72	FIJI ISLANDS REGION
	18	03	43	49.0?	8.47	S	123.90	E	157	?	4.5		0.7	6	FLORES REGION, INDONESIA
	18	03	58	09.8%	44.446	N	6.374	E	5	G			0.4	7	FRANCE. ML 2.1 (GEN).
	18	04	04	22.2?	12.90	S	166.62	E	33	N	4.1		0.5	7	SANTA CRUZ ISLANDS
	18	04	46	33.3*	18.826	N	102.047	W	86	D	4.7		1.2	81	MICHOACAN, MEXICO
	18	06	34	17.8	33.342	S	70.218	W	100	G			0.9	19	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN). Felt (IV) at Santiago, Chile.

	18	07	01	11.0?	31.39	S	68.71	W	100	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	18	08	02	40.1&	59.141	N	154.165	W	11					43	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	08	21	09.4?	23.41	S	66.52	W	230	*			0.7	7	JUJUY PROVINCE, ARGENTINA
a	18	08	30	51.1*	33.235	S	176.679	W	33	N	5.0	4.6	1.3	19	SOUTH OF KERMADEC ISLANDS. Mw 5.1 (HRV).
	18	08	56	48.1	43.581	N	147.651	E	33	N	4.6		0.9	42	KURIL ISLANDS
	18	09	00	07.0	45.536	N	26.399	E	161		4.2		1.0	52	ROMANIA. Felt (IV) in the epicentral area and (III) at Bucharest.
	18	09	34	12.5%	44.491	N	7.278	E	10	G			0.4	10	NORTHERN ITALY. ML 2.0 (GEN).
	18	09	49	22.6*	51.452	N	175.751	W	33	N	3.9		0.2	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	10	12	28.3	51.477	N	15.830	E	10	G			0.6	13	POLAND. ML 3.8 (VIE), 3.8 (GRF), 3.5 (MOX), 3.2 (BRA).
	18	10	32	01.2*	17.823	S	167.789	E	33	N	4.2		0.8	6	VANUATU ISLANDS
a	18	10	42	55.4	43.439	N	147.329	E	33	N	5.5		0.8	261	KURIL ISLANDS. Mw 5.2 (HRV).
	18	11	19	02.6%	36.776	N	22.040	E	10	G			1.0	7	SOUTHERN GREECE. MD 3.5 (ATH).
	18	11	22	52.0?	31.67	S	68.27	W	10	G			0.8	4	SAN JUAN PROVINCE, ARGENTINA
	18	11	25	49.5*	16.457	N	93.737	W	131		4.4		1.3	29	CHIAPAS, MEXICO
	18	11	30	14.5%	37.941	N	29.357	E	10	G			0.9	5	TURKEY. ML 3.3 (ISK).
	18	11	41	23.5?	43.69	N	147.23	E	33	N	4.6		0.7	6	KURIL ISLANDS
	18	13	22	34.7*	40.265	N	21.591	E	10	G			1.5	7	GREECE. MD 3.2 (ATH).
	18	13	33	26.5?	40.22	N	21.59	E	10	G			1.0	7	GREECE. MD 3.2 (ATH).
	18	13	35	16.1%	26.943	S	26.747	E	5	G			1.0	11	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	18	13	36	15.8?	34.64	S	70.31	W	5	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	18	14	16	48.3*	27.503	N	142.638	E	33	N	4.8		1.3	23	BONIN ISLANDS REGION
	18	14	46	34.7	41.051	N	21.379	E	5	G			1.4	20	NORTHWESTERN BALKAN REGION. ML 2.9 (TTG), 2.8 (SKO), 2.6 (THE), 2.5 (TIR).
	18	14	54	48.9%	39.697	N	29.472	E	10	G			0.4	5	TURKEY. ML 2.7 (ISK).
	18	15	01	24.9*	37.630	N	137.358	E	33	N	4.5		1.2	11	NEAR WEST COAST OF HONSHU, JAPAN
	18	15	02	12.7?	32.40	S	68.24	W	33	N			1.3	6	MENDOZA PROVINCE, ARGENTINA
	18	15	13	04.2	10.752	S	75.260	W	71	D	5.0		0.8	94	CENTRAL PERU. Felt (II) at Lima.
	18	15	29	00.2*	43.873	N	147.943	E	33	N	4.9		1.2	16	KURIL ISLANDS
	18	15	38	07.0%	59.331	N	6.092	E	10	G			0.5	7	SOUTHERN NORWAY. MD 1.8 (BER).
	18	15	47	53.0?	31.38	S	68.61	W	100	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	18	15	58	25.5*	66.795	N	14.501	E	10	G			1.3	7	NORTHERN NORWAY. MD 3.0 (BER).
	18	16	34	13.0?	33.35	S	72.33	W	10	G			0.3	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	18	16	45	13.3	40.022	N	20.264	E	10	G			1.3	10	GREECE-ALBANIA BORDER REGION. MD 3.6 (ATH).
	18	17	00	03.8?	24.21	N	94.64	E	87	?	4.5		0.8	8	MYANMAR-INDIA BORDER REGION
a	18	17	12	50.9	43.576	N	147.097	E	60	G	6.2		0.8	556	KURIL ISLANDS. Mw 5.8 (GS), 5.9 (HRV). Mo=1.6*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	18	18	09	51.5?	37.26	N	2.37	W	10	G			1.2	4	SPAIN
	18	18	34	17.0?	35.34	S	71.41	W	110	G			0.3	10	CENTRAL CHILE. MD 3.6 (SAN).
	18	18	38	18.9	55.510	N	5.174	E	10	G			1.2	50	NORTH SEA. ML 4.4 (BNS). Felt (II) in the Dan Oilfield area.
	18	19	58	42.6	32.766	S	70.797	W	68	*			0.6	15	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	18	20	05	45.1?	11.06	S	161.99	E	33	N	4.7		1.6	8	SOLOMON ISLANDS
	18	20	45	02.3	24.163	N	94.497	E	92	*	4.8		1.1	33	MYANMAR-INDIA BORDER REGION
	18	20	55	27.6*	37.199	S	179.136	E	32	D	5.2		1.3	37	OFF E. COAST OF N. ISLAND, N.Z.
	18	21	23	32.3&	60.410	N	152.000	W	77					61	SOUTHERN ALASKA. <AEIC>.
	18	21	32	35.5?	31.23	S	68.65	W	100	G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
	18	21	38	35.2*	43.459	N	146.728	E	86	?	4.5		1.1	14	KURIL ISLANDS
	18	22	41	17.3?	31.39	S	69.20	W	120	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	18	23	31	25.9	19.039	S	169.407	E	235	D	4.9		1.2	119	VANUATU ISLANDS
	18	23	46	59.6*	42.149	N	147.789	E	33	N	4.3		1.1	10	OFF COAST OF HOKKAIDO, JAPAN
	18	23	48	56.5?	34.80	S	71.00	W	100	G			0.1	7	NEAR COAST OF CENTRAL CHILE
	19	00	02	48.5	9.869	N	126.274	E	33	N	5.2		0.9	56	MINDANAO, PHILIPPINE ISLANDS
	19	00	05	34.2?	44.49	N	7.26	E	10	G			0.1	4	NORTHERN ITALY. ML 1.2 (GEN).
	19	00	14	56.9	39.907	N	19.922	E	5	G	3.3		1.1	24	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH). ML 3.3 (TTG), 3.1 (TIR). Felt slightly at Sarande, Albania.
	19	00	49	58.8&	35.512	N	117.494	W	3					58	CENTRAL CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.1 (GS). Felt (IV) at Inyokern, Randsburg and Ridgecrest; (III) at Boron and Trona.
	19	00	58	18.7*	37.813	N	21.191	E	5	G			1.2	6	SOUTHERN GREECE. MD 3.4 (ATH).
	19	01	50	51.4%	46.525	N	0.236	E	5	G			1.2	10	FRANCE. ML 2.4 (LDG).
	19	02	32	39.6	43.647	N	111.136	W	5	G			0.7	16	EASTERN IDAHO. ML 2.6 (GS).
	19	02	51	12.9&	60.492	N	145.805	W	24					41	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	19	03	34	22.4&	35.512	N	117.492	W	4					59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.5 (GS).
	19	04	05	45.7?	23.95	S	113.23	W	10	G	4.8		1.5	13	EASTER ISLAND REGION
	19	04	16	33.1%	40.672	N	30.076	E	10	G			0.5	9	TURKEY. ML 3.4 (ISK).
	19	04	22	39.0%	42.537	N	20.141	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	19	05	22	05.1*	43.031	N	147.736	E	33	N	4.6		1.4	23	KURIL ISLANDS
	19	06	06	10.8*	16.168	N	93.074	W	172		4.3		1.0	13	CHIAPAS, MEXICO
	19	06	06	23.4*	19.217	S	177.507	W	571	?	4.6		1.1	17	FIJI ISLANDS REGION
	19	06	07	59.6%	26.217	S	28.196	E	5	G			1.0	10	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	19	06	37	03.4	42.542	N	20.209	E	10	G			1.2	15	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG), 2.0 (TIR).
	19	07	35	25.2%	60.094	N	4.519	E	5	G			1.0	9	SOUTHERN NORWAY. MD 2.1 (BER).
	19	07	35	33.5%	44.476	N	7.318	E	10	G			0.4	5	NORTHERN ITALY. ML 2.0 (GEN).
	19	07	36	18.4?	34.45	S	70.36	W	10	G			0.0	6	CHILE-ARGENTINA BORDER REGION
	19	08	15	48.4*	43.147	N	148.066	E	33	N	4.5		1.2	16	EAST OF KURIL ISLANDS
	19	08	39	55.2&	63.138	N	152.619	W	9					38	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	19	09	33	33.0%	40.384	N	27.863	E	10	G			0.7	8	TURKEY. ML 2.9 (ISK).
a	19	09	47	09.1	5.129	S	151.808	E	54	D	5.2		1.1	68	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV).
	19	09	47	37.6?	43.42	N	147.75	E	33	N	4.3		1.2	6	KURIL ISLANDS
	19	10	29	50.4?	39.72	N	29.64	E	10	G			1.0	4	TURKEY. ML 2.7 (ISK).
	19	10	31	26.1?	7.43	S	127.14	E	24	D	4.7		1.6	9	BANDA SEA
	19	11	19	28.3?	51.23	N	15.55	E	10	G			1.4	10	POLAND. ML 3.7 (VIE), 3.7 (GRF).
	19	11	27	02.7*	42.529	N	147.248	E	33	N	4.4		1.3	6	OFF COAST OF HOKKAIDO, JAPAN
	19	12	09	29.1%	44.332	N	7.092	E	10	G			0.2	6	NORTHERN ITALY. ML 1.9 (GEN).
	19	12	18	10.9%	37.155	N	3.708	W	10	G			1.0	10	SPAIN. mbLg 2.8 (MDD).
	19	12	33	20.2*	43.164	N	146.799	E	37	D	4.0		0.5	8	KURIL ISLANDS
	19	12	48	24.8*	15.648	S	167.620	E	153	*	4.7		1.3	38	VANUATU ISLANDS
a	19	12	54	08.4*	9.521	S	159.453	E	5	G	4.7	4.8	0.9	29	SOLOMON ISLANDS. Mw 5.5 (HRV). Felt (V) at Honiara.
	19	12	59	20.0	33.327	N	136.842	E	390		4.7		0.9	68	NEAR S. COAST OF WESTERN HONSHU
	19	13	11	43.6?	10.62	S	162.17	E	33	N	4.8	4.6	1.7	9	SOLOMON ISLANDS
	19	13	14	55.6?	26.39	S	27.45	E	5	G			0.9	4	REPUBLIC OF SOUTH AFRICA
	19	14	21	41.9?	9.55	S	159.76	E	5	G	4.4		1.6	6	SOLOMON ISLANDS. Felt (V) at Honiara.

	19	14	25	51.8?	28.61	N	34.65	E	10	G			0.1	4	EGYPT. MD 3.1 (RYD).
	19	14	36	08.4?	28.60	N	34.63	E	10	G			0.1	4	EGYPT. MD 3.0 (RYD).
	19	14	39	30.8*	37.192	N	72.901	E	34	D	4.6		1.7	24	TAJIKISTAN
	19	14	46	54.7&	26.210	S	28.181	E	5	G			1.1	12	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	19	17	20	29.5*	20.422	S	169.733	E	33	N	4.9		1.0	12	VANUATU ISLANDS
	19	17	44	40.3&	62.286	N	151.027	W	73					90	CENTRAL ALASKA. <AEIC>.
a	19	17	55	23.6	22.433	N	118.715	E	16	D	5.2		0.9	49	TAIWAN REGION. Mw 5.0 (HRV).
	19	18	02	17.5	43.722	N	147.153	E	33	N	4.9		0.8	36	KURIL ISLANDS
	19	18	20	32.6	43.552	N	147.566	E	23	D	4.9		0.9	74	KURIL ISLANDS
	19	18	46	56.1?	44.05	N	147.30	E	33	N	4.3		1.5	12	KURIL ISLANDS
	19	19	51	27.7&	39.174	N	30.270	E	10	G			0.6	11	TURKEY. ML 3.5 (ISK).
	19	20	04	50.9&	34.449	N	116.499	W	3					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	19	20	07	38.7?	35.09	S	123.75	E	10	G			1.0	7	OFF SOUTH COAST OF AUSTRALIA
	19	21	16	54.7?	33.34	S	72.16	W	33	N			0.9	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	19	21	20	02.9&	44.996	N	6.761	E	5	G			0.2	5	FRANCE. ML 2.1 (GEN).
	19	22	28	52.4	43.615	N	147.405	E	33	N	4.8		0.9	36	KURIL ISLANDS
	19	22	32	18.1*	46.291	N	7.443	E	5	G			0.7	21	SWITZERLAND. ML 2.5 (LDG).
	19	23	07	27.1	46.125	N	7.861	E	5	G			1.0	9	SWITZERLAND. ML 2.3 (LDG).
	19	23	30	49.3&	26.453	S	27.501	E	5	G			0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	19	23	48	34.6	45.527	N	5.739	E	10	G			0.7	35	FRANCE. ML 2.9 (LDG). MD 2.9 (STR).
	20	00	27	58.7&	60.437	N	151.564	W	50					47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
a	20	01	15	16.1	39.187	S	70.811	W	162	G	5.8		1.0	279	SOUTHERN ARGENTINA. Mw 6.0 (GS), 6.0 (HRV). mb 5.9 (BRK). MD 5.6 (SAN). Mo=1.3*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	20	02	37	23.6&	35.292	N	118.574	W	2					35	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	20	02	56	39.2&	32.724	N	115.929	W	3					8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). MD 3.5 (ECX).
	20	03	12	27.6&	38.840	N	122.786	W	2					45	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.2 (GS), 3.0 (BRK).
	20	03	44	37.9?	45.60	N	146.16	E	33	N	4.6		0.7	12	KURIL ISLANDS
a	20	04	05	33.2	21.917	S	175.058	W	33	N	5.2	5.1	1.2	67	TONGA ISLANDS. Mw 5.5 (HRV).
	20	04	11	05.2&	39.001	N	3.554	W	10	G			0.9	11	SPAIN. mbLg 3.2 (MDD).
	20	04	54	59.3&	36.999	N	3.717	W	5	G			1.0	12	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
a	20	05	03	03.3	3.258	S	146.657	E	33	N	4.8	4.8	1.1	19	BISMARCK SEA. Mw 5.4 (HRV).
	20	05	08	38.9*	37.990	N	21.260	E	5	G			1.6	7	SOUTHERN GREECE. MD 3.5 (ATH).
	20	05	53	03.9*	37.993	N	21.184	E	5	G			1.7	5	SOUTHERN GREECE. MD 3.2 (ATH).
	20	06	01	29.5	41.130	N	7.779	W	10	G			0.9	14	PORTUGAL. mbLg 3.4 (MDD). Felt (IV) in the Peso da Regua area.
	20	06	26	33.2&	26.123	S	27.743	E	5	G			1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	20	06	27	48.0	43.327	N	1.436	W	5	G			1.3	33	PYRENEES. mbLg 3.3 (MDD). ML 3.1 (STR), 3.1 (LDG). Felt (III) in the Basque area, France.
	20	06	44	58.9&	31.681	N	115.892	W	19					5	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.2 (ECX).
	20	07	52	16.7?	33.52	N	136.48	E	33	N	4.6		1.6	8	NEAR S. COAST OF WESTERN HONSHU
	20	08	30	23.9?	39.12	N	27.65	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).
	20	08	47	47.6?	39.89	N	29.30	E	10	G			0.4	4	TURKEY. ML 2.7 (ISK).
	20	08	49	17.7?	39.22	N	27.82	E	10	G			0.9	4	TURKEY. ML 2.9 (ISK).
	20	09	55	35.0&	60.200	N	152.505	W	87					71	SOUTHERN ALASKA. <AEIC>.
	20	10	05	52.5*	38.054	N	21.295	E	5	G			1.4	7	GREECE. MD 3.5 (ATH).
	20	10	11	25.7?	31.28	S	69.14	W	120	G			1.0	5	SAN JUAN PROVINCE, ARGENTINA
	20	10	56	47.8*	40.785	N	20.812	E	5	G			1.6	23	GREECE-ALBANIA BORDER REGION. ML 3.5 (TTG), 2.9 (TIR), 2.7 (SKO). MD 3.3 (ATH).
	20	11	10	51.1&	61.111	N	152.074	W	90					53	SOUTHERN ALASKA. <AEIC>.
	20	11	21	51.5&	62.106	N	151.672	W	92					71	CENTRAL ALASKA. <AEIC>.
	20	11	28	26.1?	30.63	S	72.23	W	50	G			0.6	15	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	20	11	30	37.6&	39.577	N	29.561	E	10	G			0.7	7	TURKEY. ML 2.9 (ISK).
	20	11	51	52.4&	44.295	N	7.426	E	5	G			0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	20	12	18	44.1?	39.18	N	26.85	E	10	G			0.4	4	TURKEY. ML 2.9 (ISK).
	20	12	30	14.3	40.787	N	20.822	E	5	G			1.4	13	GREECE-ALBANIA BORDER REGION. ML 2.5 (SKO).
	20	12	31	55.0?	38.73	N	26.55	E	10	G			1.2	4	AEGEAN SEA. ML 2.8 (ISK).
	20	12	37	28.5	43.527	N	148.243	E	27	D	4.4		0.9	19	EAST OF KURIL ISLANDS
	20	13	06	38.8&	36.578	N	121.172	W	8					84	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (BRK), 3.2 (GS).
	20	13	26	05.0	21.340	S	68.166	W	123	D	5.2		1.2	54	CHILE-BOLIVIA BORDER REGION
	20	14	00	29.2&	59.320	N	6.106	E	10	G			0.6	5	SOUTHERN NORWAY. MD 1.8 (BER).
	20	14	07	02.2&	45.972	N	2.701	E	10	G			0.4	10	FRANCE. ML 2.1 (LDG).
	20	14	07	07.5&	45.992	N	2.682	E	10	G			0.4	11	FRANCE. ML 2.4 (LDG).
	20	14	08	21.8?	39.88	N	29.41	E	10	G			0.6	4	TURKEY. ML 2.6 (ISK).
	20	14	34	16.9?	34.29	S	71.05	W	70	G			0.2	7	NEAR COAST OF CENTRAL CHILE
	20	14	36	20.9?	38.17	N	21.26	E	5	G			1.7	7	GREECE. MD 3.3 (ATH). ML 2.6 (THE).
	20	14	36	47.2&	63.483	N	151.122	W	8					24	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	20	14	42	52.9?	39.71	N	29.47	E	10	G			0.7	4	TURKEY. ML 2.6 (ISK).
	20	14	46	24.7?	38.10	N	21.13	E	10	G			1.8	4	GREECE. MD 3.3 (ATH).
	20	15	06	57.4&	45.973	N	2.698	E	10	G			0.3	11	FRANCE. ML 2.2 (LDG).
	20	15	08	12.3&	46.046	N	2.711	E	10	G			0.2	7	FRANCE. ML 1.6 (LDG).
	20	15	25	10.7?	31.42	S	68.68	W	100	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	20	15	35	54.5*	18.378	S	168.135	E	33	N			0.6	5	VANUATU ISLANDS
	20	15	49	48.5?	1.03	S	128.31	E	33	N	4.4		1.4	4	HALMAHERA, INDONESIA
	20	16	21	24.3?	1.09	S	128.15	E	33	N	4.6		0.7	7	HALMAHERA, INDONESIA
	20	17	42	25.2&	45.972	N	2.690	E	10	G			0.3	11	FRANCE. ML 1.8 (LDG).
	20	18	07	00.6&	40.372	N	29.506	E	10	G			0.4	8	TURKEY. ML 2.8 (ISK).
	20	18	36	09.0*	31.942	S	70.058	W	114	?			0.3	13	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	20	18	45	41.2&	33.119	S	70.128	W	10	G			0.6	6	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	20	19	24	34.5?	40.47	N	29.44	E	10	G			0.2	4	TURKEY. ML 2.7 (ISK).
	20	19	47	01.1*	43.037	N	146.847	E	35	D	4.3		1.6	20	KURIL ISLANDS
	20	20	01	42.8	44.104	N	147.946	E	33	N	5.0		0.6	63	KURIL ISLANDS
	20	20	18	19.9	32.637	S	70.299	W	110	G			0.2	15	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	20	21	24	07.3&	26.921	S	26.718	E	5	G			0.9	9	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	20	22	47	38.9	45.968	N	2.714	E	10	G			0.4	15	FRANCE. ML 2.4 (LDG).
	20	23	28	07.5*	13.205	S	167.257	E	33	N	4.4		1.3	16	VANUATU ISLANDS
	21	01	05	45.0	63.983	N	149.155	W	10	G			0.8	13	CENTRAL ALASKA. ML 3.3 (PMR).
	21	01	34	55.1?	11.33	N	61.56	W	10	G			0.4	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	21	03	31	49.1*	2.305	N	128.097	E	33	N	4.8		1.4	12	HALMAHERA, INDONESIA
	21	03	31	56.5?	32.03	S	68.37	W	100	G			0.5	7	MENDOZA PROVINCE, ARGENTINA

	21	03	32	19.9	43.740	N	8.150	E	23			0.5	18	CORSICA. ML 2.5 (GEN), 2.5 (LDG), 2.1 (STR).
	21	04	03	53.1%	46.826	N	6.799	E	10	G		0.4	6	SWITZERLAND. ML 2.0 (LDG).
	21	04	20	12.4&	60.011	N	152.513	W	97				54	SOUTHERN ALASKA. <AEIC>.
a	21	05	06	21.0	36.391	N	69.708	E	47	D	5.4 5.3	0.9	250	HINDU KUSH REGION, AFGHANISTAN. Mw 5.5 (HRV).
	21	06	07	44.8*	43.254	N	148.022	E	149	?	4.1	0.8	9	EAST OF KURIL ISLANDS
	21	08	18	35.5?	39.12	N	27.50	E	10	G		0.1	4	TURKEY. ML 2.8 (ISK).
	21	08	35	36.2%	39.744	N	29.487	E	10	G		0.4	6	TURKEY. ML 2.7 (ISK).
	21	08	52	29.9?	39.66	N	29.39	E	5	G		0.2	4	TURKEY. ML 2.7 (ISK).
	21	09	35	31.6*	45.714	N	149.359	E	128	*	4.5	0.8	50	KURIL ISLANDS
	21	09	38	12.6%	39.289	N	27.624	E	10	G		0.4	5	TURKEY. ML 2.8 (ISK).
	21	09	48	08.4?	5.71	S	146.94	E	201	?	4.5	1.1	8	EASTERN NEW GUINEA REG., P.N.G.
	21	09	58	29.1*	20.170	N	121.693	E	33	N	5.0	0.5	7	PHILIPPINE ISLANDS REGION
	21	10	27	23.7	47.441	N	12.556	E	10	G		0.8	11	AUSTRIA. ML 2.9 (FUR), 2.7 (GRF), 2.7 (VIE).
	21	10	37	41.2?	39.66	N	29.41	E	5	G		0.1	4	TURKEY. ML 2.7 (ISK).
	21	10	54	51.1%	42.764	N	18.682	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	21	11	10	16.3	46.028	N	13.734	E	10	G		0.7	6	AUSTRIA. MD 2.4 (LJU), 2.2 (TRI). ML 2.3 (VIE).
	21	11	26	18.4	36.410	N	71.156	E	237	D	4.8	0.9	131	AFGHANISTAN-TAJIKISTAN BORD REG. Felt at Chitral and Peshawar, Pakistan.
a	21	11	36	51.1*	1.256	S	127.705	E	10	G	5.1	1.5	14	HALMAHERA, INDONESIA. Mw 5.3 (HRV).
	21	11	42	08.3&	35.018	N	118.958	W	8				70	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	21	11	46	27.6	38.250	N	56.955	E	33	N	4.9	1.0	95	TURKMENISTAN-IRAN BORDER REGION
	21	12	07	09.1?	68.94	N	30.23	E	10	G		1.1	4	BALTICS-BELARUS-NW RUSSIA REG. MD 3.0 (BER).
	21	12	08	27.7?	30.04	S	177.96	W	207	*	4.7	1.5	11	KERMADEC ISLANDS, NEW ZEALAND
	21	12	16	17.3?	47.25	N	11.26	E	10	G		0.2	4	AUSTRIA. ML 0.9 (VIE).
	21	12	47	02.1?	39.20	N	27.24	E	5	G		0.6	4	TURKEY. ML 2.8 (ISK).
	21	12	48	01.0?	39.53	N	29.82	E	5	G		0.9	4	TURKEY. ML 2.6 (ISK).
	21	12	48	44.3%	39.210	N	27.735	E	10	G		0.7	5	TURKEY. ML 3.0 (ISK).
	21	12	57	51.0%	16.041	N	60.702	W	33	N		0.4	9	LEEWARD ISLANDS. MG 2.9 (FDF).
	21	13	00	19.2*	46.387	N	12.544	E	10	G		1.0	9	NORTHERN ITALY
	21	14	02	52.7	39.089	N	27.526	E	23	*		0.8	11	TURKEY
	21	14	07	37.1*	43.506	N	147.394	E	81	?	4.9	1.0	19	KURIL ISLANDS
	21	14	27	58.0*	19.107	N	145.832	E	155	*	4.2	0.3	12	MARIANA ISLANDS
	21	15	52	04.7*	38.041	N	21.284	E	5	G	3.8	1.3	9	GREECE. ML 3.4 (ATH).
	21	16	00	26.8	43.651	N	7.049	E	5	G		0.1	8	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG), 1.4 (STR).
	21	16	23	55.2	50.286	N	129.832	W	10	G	4.3	1.1	44	VANCOUVER ISLAND REGION
	21	16	30	42.9*	43.799	N	147.518	E	33	N	4.3	1.1	19	KURIL ISLANDS
	21	17	03	56.6%	26.377	S	27.402	E	5	G		1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	21	17	12	40.3%	26.924	S	26.744	E	5	G		0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	21	17	42	37.5%	46.632	N	0.238	W	5	G		1.3	5	FRANCE. ML 2.2 (LDG).
	21	19	06	33.1	50.223	N	18.774	E	10	G		1.4	4	POLAND. ML 3.3 (CLL).
	21	19	26	38.5*	43.120	N	146.817	E	33	N	4.6	0.8	20	KURIL ISLANDS
	21	19	45	16.1&	37.616	N	118.883	W	5				35	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 2.9 (GS).
	21	20	07	13.7	44.514	N	6.816	E	5	G		0.4	9	FRANCE. ML 2.0 (GEN).
	21	20	34	50.3%	26.877	S	26.831	E	5	G		0.4	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	21	20	36	23.9?	50.29	N	18.80	E	10	G		0.3	4	POLAND
	21	20	43	11.3?	18.84	S	71.96	W	33	N	4.8	0.9	5	OFF COAST OF NORTHERN CHILE
	21	21	21	01.4	8.699	N	140.835	E	33	N	5.1 4.6	1.3	44	WESTERN CAROLINE ISLANDS
	21	21	34	41.1*	43.691	N	148.098	E	91	?	4.6	0.9	17	EAST OF KURIL ISLANDS
	21	21	53	30.3&	37.613	N	118.882	W	4				43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK), 3.2 (GS).
	21	22	20	31.6	50.607	N	158.404	E	62	D	4.8	0.9	113	EAST OF KURIL ISLANDS
	21	22	56	23.0%	26.385	S	27.399	E	5	G		0.6	9	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	21	23	20	13.4&	59.984	N	151.832	W	51				55	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	21	23	30	13.3&	37.615	N	118.882	W	5				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
	22	00	11	44.0?	36.63	N	2.99	W	10	G		1.3	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	22	01	01	56.2	43.086	N	3.268	E	10	G		0.8	21	NEAR SOUTH COAST OF FRANCE. ML 3.2 (LDG).
	22	02	38	55.6&	60.122	N	148.357	W	18				60	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
a	22	03	16	53.1	7.772	N	127.562	E	33	N	5.1	1.0	51	PHILIPPINE ISLANDS REGION. Mw 5.1 (HRV).
	22	04	04	50.6*	14.019	N	93.585	W	10	G	4.5	1.0	9	NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (GCG).
	22	05	00	10.3&	38.739	N	119.702	W	1				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	22	05	04	35.8%	26.339	S	27.516	E	5	G		0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	22	05	06	44.9&	60.289	N	152.365	W	90				47	SOUTHERN ALASKA. <AEIC>.
	22	05	16	05.8*	11.095	S	113.516	E	33	N	4.5	0.9	5	SOUTH OF JAWA, INDONESIA
	22	05	54	02.2*	11.251	S	118.312	E	33	N	4.7	1.3	8	SOUTH OF SUMBAWA, INDONESIA
	22	05	54	38.1?	12.52	S	77.00	W	33	N		0.5	4	NEAR COAST OF PERU. Felt at Lima and Pucusana.
	22	06	21	55.3?	31.76	S	68.88	W	100	G		0.1	5	SAN JUAN PROVINCE, ARGENTINA
	22	07	33	51.5?	31.74	S	179.45	E	442	*	4.3	0.4	6	KERMADEC ISLANDS REGION
	22	07	36	40.8%	37.465	N	6.229	W	10	G		0.8	8	SPAIN. mbLg 3.1 (MDD).
	22	08	08	51.3?	54.95	N	156.73	W	33	N	3.9	1.3	13	SOUTH OF ALASKA
	22	08	38	55.7	47.726	N	13.514	E	5	G		0.5	14	AUSTRIA. ML 3.1 (VIE), 2.7 (FUR).
	22	09	11	10.6	41.656	N	120.336	E	33	N	4.5	0.8	53	NORTHEASTERN CHINA
	22	09	35	22.9*	35.587	N	80.573	E	33	N	4.6	1.2	23	KASHMIR-XIZANG BORDER REGION
	22	10	01	31.9?	38.12	N	28.87	E	5	G		0.4	4	TURKEY. ML 2.9 (ISK).
	22	10	06	10.7?	39.72	N	29.40	E	10	G		0.1	4	TURKEY. ML 2.6 (ISK).
	22	10	11	15.9%	46.490	N	5.451	E	10	G		0.3	6	FRANCE. ML 2.0 (LDG).
	22	10	13	53.9&	59.483	N	152.820	W	79				51	SOUTHERN ALASKA. <AEIC>.
	22	10	19	33.7?	5.19	S	102.86	E	87	?	4.4	0.5	9	SOUTHERN SUMATERA, INDONESIA
	22	10	36	42.6?	39.65	N	29.45	E	10	G		0.5	4	TURKEY. ML 2.6 (ISK).
	22	10	45	24.6%	26.320	S	27.613	E	5	G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	22	12	21	44.5&	62.532	N	149.264	W	61				73	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	22	12	54	17.8?	39.70	N	29.61	E	5	G		0.9	4	TURKEY. ML 2.6 (ISK).
	22	13	51	38.2%	26.384	S	27.467	E	5	G		0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	22	14	26	38.6&	32.287	N	115.122	W	6	G			26	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	22	14	29	10.1%	44.281	N	7.404	E	10	G		0.4	7	NORTHERN ITALY. ML 1.9 (GEN).
	22	14	46	32.8&	38.630	N	119.677	W	0	G			43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	22	14	50	10.1?	37.18	N	3.76	W	10	G		0.3	4	SPAIN. mbLg 2.0 (MDD).
	22	15	23	38.5	28.649	N	142.455	E	33	N	4.9 4.5	1.1	32	BONIN ISLANDS REGION
	22	15	39	47.9?	16.01	N	94.39	W	33	N		0.9	4	OAXACA, MEXICO
	22	15	42	18.8	33.087	S	70.401	W	102	*		0.5	15	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN). Felt at Santiago, Chile.

	22	16 05 02.6*	3.478	S	152.453	E	10	G	4.1		1.0	5	NEW IRELAND REGION, P.N.G.
	22	16 09 49.0?	44.90	N	6.30	E	5	G			0.5	5	FRANCE. ML 2.2 (GEN).
	22	16 42 57.7&	32.402	N	115.142	W	11					4	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.2 (ECX). ML 2.8 (PAS).
	22	17 33 14.2%	44.368	N	7.297	E	10	G			0.3	7	NORTHERN ITALY. ML 2.1 (GEN).
	22	17 45 14.2%	44.640	N	6.783	E	10	G			0.3	6	FRANCE. ML 1.9 (GEN).
	22	18 21 51.5&	63.430	N	151.015	W	11					36	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
	22	18 35 09.4%	44.392	N	7.334	E	5	G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
a	22	18 43 49.3	0.578	S	127.721	E	33	N	4.9	4.4	1.2	34	HALMAHERA, INDONESIA. Mw 5.2 (HRV).
	22	18 47 47.4%	44.403	N	7.332	E	10	G			0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	22	18 58 40.7	45.752	N	5.977	E	6				0.7	19	FRANCE. ML 2.7 (LDG).
	22	19 07 56.4%	39.123	N	27.683	E	10	G			0.6	5	TURKEY. ML 2.9 (ISK).
	22	20 01 27.6	8.582	N	141.117	E	33	N	4.9	4.5	1.3	24	WESTERN CAROLINE ISLANDS
	22	20 35 32.5?	38.45	N	28.05	E	10	G			0.3	4	TURKEY. ML 2.8 (ISK).
	22	20 38 28.4*	6.228	S	150.585	E	66	*	3.8		1.0	8	NEW BRITAIN REGION, P.N.G.
	22	20 39 24.2%	39.066	N	27.797	E	10	G			0.6	10	TURKEY. ML 3.2 (ISK).
	22	20 40 20.4%	39.028	N	27.848	E	10	G			0.7	6	TURKEY. ML 3.3 (ISK).
	22	20 47 30.6%	39.015	N	27.837	E	5	G			0.2	5	TURKEY. ML 2.9 (ISK).
	22	21 04 26.6	44.053	N	7.186	E	5	G			0.5	20	NORTHERN ITALY. ML 2.3 (GEN), 1.9 (LDG).
	22	21 05 13.3%	39.043	N	27.737	E	10	G			0.6	7	TURKEY. ML 3.0 (ISK).
	22	21 21 51.0%	39.024	N	27.766	E	10	G			0.3	6	TURKEY. ML 2.9 (ISK).
	22	22 19 48.6	39.042	N	27.872	E	10	G			0.5	26	TURKEY. ML 3.9 (ISK). MD 3.8 (ATH). Felt at Izmir.
	22	22 31 13.4%	39.059	N	27.758	E	10	G			0.8	5	TURKEY. ML 2.9 (ISK).
	22	22 43 43.4*	51.089	N	178.028	E	33	N	4.0		1.2	21	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.1 (PMR).
	22	23 21 04.3?	8.28	S	114.90	E	178	*	4.5		0.8	7	BALI REGION, INDONESIA
	22	23 29 49.0	58.398	N	150.601	W	10	G			0.8	55	GULF OF ALASKA. ML 3.0 (AEIC).
	22	23 37 27.3?	33.86	S	178.54	W	33	N	4.1		0.6	6	SOUTH OF KERMADEC ISLANDS
	22	23 56 05.2%	39.019	N	27.808	E	10	G			0.6	7	TURKEY. ML 3.1 (ISK).
	23	00 11 32.7%	39.130	N	27.614	E	10	G			0.3	5	TURKEY. ML 2.9 (ISK).
	23	00 14 39.9*	43.790	N	146.400	E	33	N	4.6		1.1	25	KURIL ISLANDS
	23	00 46 23.4%	39.109	N	27.734	E	10	G			0.4	5	TURKEY. ML 2.9 (ISK).
	23	01 01 39.9	43.446	N	146.951	E	39	D	5.0		0.9	107	KURIL ISLANDS
	23	01 33 35.5&	38.797	N	119.618	W	9					6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.1 (BRK). MD 2.9 (GM).
	23	02 05 42.5&	59.983	N	152.676	W	90		4.2			110	SOUTHERN ALASKA. <AEIC>.
	23	02 18 10.3&	62.886	N	151.122	W	108					42	CENTRAL ALASKA. <AEIC>.
	23	02 39 17.3*	17.464	N	94.283	W	148	*	3.6		1.1	12	CHIAPAS, MEXICO
	23	03 34 07.9	12.983	N	145.427	E	33	N	4.2		0.7	16	SOUTH OF MARIANA ISLANDS
	23	03 34 28.8&	40.229	N	125.389	W	19					25	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	23	03 51 35.8*	12.387	N	125.493	E	43	?	4.7		1.4	16	SAMAR, PHILIPPINE ISLANDS
	23	04 19 48.4%	40.655	N	30.453	E	5	G			0.8	8	TURKEY. ML 2.8 (ISK).
	23	04 25 48.7&	66.164	N	149.324	W	10	G				39	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).
	23	04 31 45.4?	45.55	N	14.38	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 2.1 (TRI).
	23	05 08 52.5%	44.372	N	7.371	E	10	G			0.3	7	NORTHERN ITALY. ML 1.8 (GEN).
	23	05 41 47.1*	31.397	S	68.609	W	100	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	23	06 16 14.1	32.176	S	71.569	W	10	G			0.4	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	23	06 22 26.3	43.760	N	147.400	E	33	N	4.7		0.8	35	KURIL ISLANDS
	23	07 36 30.2?	19.18	N	145.78	E	33	N	4.9		0.3	6	MARIANA ISLANDS
	23	07 52 37.7?	40.18	N	31.15	E	10	G			1.0	6	TURKEY. ML 2.8 (ISK).
	23	07 57 42.0	43.294	N	146.864	E	43	D	5.2		0.8	201	KURIL ISLANDS
	23	08 07 01.1%	45.089	N	6.718	E	5	G			0.3	5	FRANCE. ML 2.1 (GEN).
	23	08 10 23.2?	35.89	S	70.12	W	148	*			1.0	20	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	23	08 46 45.9	32.021	S	71.081	W	61	?			0.3	13	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	23	08 47 58.8?	43.46	N	18.82	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	23	09 05 20.4&	40.383	N	125.471	W	23					42	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 2.8 (GS).
	23	09 17 47.4?	9.15	S	129.98	E	265	?	4.3		0.2	5	TIMOR SEA
	23	09 26 43.8?	39.71	N	29.50	E	5	G			0.1	4	TURKEY. ML 2.6 (ISK).
	23	09 35 05.7	41.825	N	20.073	E	10	G			0.4	13	ALBANIA. ML 2.1 (TIR).
	23	10 03 08.5?	5.57	S	145.57	E	10	G			1.3	4	EASTERN NEW GUINEA REG., P.N.G.
	23	11 10 54.0*	43.205	N	146.847	E	33	N	4.6		0.6	13	KURIL ISLANDS
	23	12 06 40.6%	39.693	N	29.456	E	10	G			0.5	5	TURKEY
	23	12 15 17.2&	62.294	N	148.859	W	47					48	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	23	12 38 54.6	45.609	N	26.488	E	157	*	3.2		0.7	14	ROMANIA
	23	15 36 36.3	42.791	S	83.379	W	10	G	5.1	4.8	0.7	24	WEST CHILE RISE
	23	15 42 26.6	12.080	N	87.841	W	70	*	4.7		0.8	48	NEAR COAST OF NICARAGUA. MD 4.7 (UPA).
	23	16 18 59.7%	33.683	S	70.400	W	10	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	23	16 20 37.2*	12.133	N	87.763	W	65	?	4.6	3.9	0.9	41	NEAR COAST OF NICARAGUA
	23	16 51 45.0?	45.63	N	3.65	E	10	G			0.5	6	FRANCE. ML 2.0 (LDG).
	23	17 51 12.6	43.414	N	18.838	E	10	G			0.7	10	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	23	17 54 13.0?	13.01	N	145.32	E	54	?	4.0		0.7	11	MARIANA ISLANDS
	23	18 05 07.1&	35.832	N	116.874	W	0					18	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	23	18 26 46.0?	37.18	N	28.07	E	10	G			0.4	4	TURKEY. ML 3.2 (ISK).
	23	19 23 08.2	45.561	N	26.487	E	156	*	3.3		0.7	14	ROMANIA
	23	19 32 08.2	11.767	N	60.295	W	51	?			0.7	18	WINDWARD ISLANDS. MD 3.6 (TRN).
	23	20 34 25.0&	36.892	N	121.628	W	7					57	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM).
	23	21 02 43.6&	50.429	N	130.112	W	10	G				48	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.6 (PGC).
	23	21 04 06.5	43.175	N	0.943	W	10	G			1.2	7	PYRENEES. ML 2.6 (LDG). mbLg 2.9 (MDD).
	23	21 35 39.4	20.540	N	122.260	E	200		4.8		0.9	85	PHILIPPINE ISLANDS REGION
	23	22 23 52.5	45.669	N	6.866	E	5	G			0.7	24	FRANCE. ML 2.5 (GEN), 2.5 (LDG).
	23	22 40 56.3*	6.922	S	129.358	E	153	*	4.6		1.1	14	BANDA SEA
a	24	00 24 46.5	43.259	N	148.037	E	45	D	5.3		0.8	160	EAST OF KURIL ISLANDS. Mw 5.3 (HRV).
	24	00 44 31.4%	44.949	N	6.603	E	5	G			0.4	6	FRANCE. ML 2.1 (GEN).
	24	00 50 28.2*	15.700	S	173.196	W	36	D	4.7		0.9	44	TONGA ISLANDS
	24	01 06 07.5?	6.44	S	130.19	E	107	?	4.5		1.0	5	BANDA SEA
	24	01 20 35.1&	40.422	N	125.428	W	26					46	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.1 (GS).
	24	01 38 21.0*	31.877	S	70.691	W	100	G			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	01 39 51.8%	40.849	N	27.791	E	5	G			0.5	7	TURKEY. ML 2.7 (ISK).
	24	01 59 30.2&	37.725	N	122.138	W	1					33	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK), 2.8 (GS). MD 2.8 (GM). Felt at Castro Valley, Hayward and San Leandro.
	24	02 00 06.7*	51.087	N	176.195	W	33	N	4.7		1.3	19	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).

a	24	02	02	20.9	4.594	N	127.991	E	69	*	5.2		1.1	83	TALAUD ISLANDS, INDONESIA. Mw 5.1 (HRV).
	24	02	05	22.3%	33.118	S	71.572	W	10	G			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	24	02	51	02.2*	34.943	N	135.301	E	5	G	3.6		0.5	10	NEAR S. COAST OF WESTERN HONSHU. Felt (III JMA) at Kyoto and (II JMA) at Osaka.
	24	02	52	37.6&	35.831	N	116.870	W	7					43	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	24	03	01	00.8%	36.982	N	3.720	W	10	G			0.8	9	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	24	03	17	02.9&	35.513	N	117.494	W	3					35	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	24	04	04	37.8	52.375	N	160.059	E	33	N	5.2		0.9	171	OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
a	24	04	44	34.6*	16.728	S	172.835	W	33	N	4.7	4.7	1.2	49	SAMOA ISLANDS REGION. Mw 5.4 (HRV).
	24	04	58	16.2&	61.212	N	151.275	W	62					51	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	24	05	36	40.7?	6.37	S	129.90	E	82	?	3.3		0.9	5	BANDA SEA
	24	06	17	28.3*	13.680	N	124.738	E	43	?	4.7		1.4	18	LUZON, PHILIPPINE ISLANDS
	24	07	20	08.1	43.708	N	147.353	E	33	N	4.8		0.9	58	KURIL ISLANDS. Felt (IV) on Shikotan.
	24	08	56	57.0%	26.871	S	26.708	E	5	G			0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	24	09	01	23.2%	44.717	N	10.364	E	10	G			0.7	10	NORTHERN ITALY
	24	09	26	47.4?	40.58	N	30.56	E	10	G			0.7	7	TURKEY. ML 2.7 (ISK).
	24	10	03	21.9?	39.10	N	27.67	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).
	24	10	15	11.1%	39.670	N	29.461	E	5	G			0.5	6	TURKEY. ML 2.7 (ISK).
	24	10	17	02.7%	39.668	N	29.494	E	10	G			0.3	7	TURKEY. ML 2.8 (ISK).
	24	10	43	59.5%	26.806	S	26.778	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	24	10	55	03.5?	37.55	N	25.31	W	5	G			0.3	4	AZORES ISLANDS
	24	11	34	04.4%	39.021	N	27.788	E	5	G			0.3	5	TURKEY. ML 2.9 (ISK).
	24	11	39	03.6%	39.688	N	29.436	E	5	G			0.7	5	TURKEY. ML 2.8 (ISK).
	24	11	44	55.3	47.780	N	7.945	E	5	G			0.7	12	SWITZERLAND. ML 2.3 (LDG).
	24	11	45	09.8?	35.52	S	71.26	W	120	G			0.4	12	CENTRAL CHILE. MD 4.1 (SAN).
	24	12	17	00.0	12.684	N	60.716	W	87	*			0.6	18	WINDWARD ISLANDS. MD 3.8 (TRN).
	24	12	41	25.3%	39.659	N	29.412	E	5	G			0.7	5	TURKEY. ML 2.7 (ISK).
	24	12	59	03.8?	7.39	S	129.33	E	119	?	4.4		1.4	6	BANDA SEA
	24	14	03	45.1?	22.73	S	68.94	W	33	N	4.8		1.5	7	NORTHERN CHILE
	24	14	30	52.1%	33.018	S	69.821	W	130	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	24	14	31	01.4?	14.64	N	61.09	W	33	N			0.1	4	WINDWARD ISLANDS. MG 1.3 (FDF).
	24	14	59	52.1*	37.728	N	21.230	E	10	G			0.2	5	SOUTHERN GREECE. ML 3.4 (ATH).
	24	15	17	56.0&	34.265	N	116.458	W	0					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS). Felt in the Joshua Tree area.
	24	16	06	37.0*	27.168	N	92.361	E	33	N	4.2		0.5	6	EASTERN XIZANG-INDIA BORDER REG.
	24	16	20	16.8*	31.326	S	68.300	W	111	*			1.1	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	24	17	01	42.9	54.998	N	156.865	W	33	N	5.0	4.5	0.9	145	SOUTH OF ALASKA. ML 4.9 (PMR).
	24	17	09	05.8	54.986	N	156.807	W	33	N	4.3		1.0	47	SOUTH OF ALASKA. ML 3.9 (AEIC).
	24	17	29	58.8	38.849	N	119.664	W	5	G			0.6	10	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).
	24	17	33	54.5&	57.636	N	152.757	W	55					41	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	24	18	38	20.8?	38.77	N	20.89	E	10	G			0.4	4	GREECE. MD 2.9 (ATH).
a	24	19	26	27.9	43.084	N	147.096	E	57	D	5.7		0.7	351	KURIL ISLANDS. Mw 5.4 (HRV).
	24	19	30	32.9	38.462	N	21.397	E	10	G	3.6		1.0	13	GREECE. MD 3.5 (ATH). ML 3.5 (TIR).
	24	19	48	34.8*	43.242	N	147.231	E	33	N	4.6		1.3	13	KURIL ISLANDS
	24	20	01	54.2%	39.417	N	28.152	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	24	20	28	34.4%	33.531	S	70.826	W	70	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	24	20	37	18.5	9.970	N	62.470	W	34	*	3.9		1.2	30	NEAR COAST OF VENEZUELA. Felt at Puerto Ordaz and San Felix.
	24	21	20	24.3&	35.512	N	117.495	W	3					33	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	24	22	49	24.0&	59.535	N	152.809	W	107					62	SOUTHERN ALASKA. <AEIC>.
	24	23	22	48.2	45.864	N	11.203	E	18				1.1	74	NORTHERN ITALY. ML 4.3 (VIE), 4.3 (FUR), 4.1 (LDG), 4.1 (MOX), 3.9 (STR). MD 3.9 (FIR), 3.8 (TRI).
	24	23	58	26.7%	32.736	S	71.705	W	10	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	25	00	42	29.3	47.623	N	8.347	E	10	G			1.2	10	SWITZERLAND. ML 2.2 (LDG).
	25	00	46	40.3?	34.81	S	70.94	W	120	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	00	51	09.2	25.058	S	178.489	E	563	*	5.0		0.9	81	SOUTH OF FIJI ISLANDS
a	25	00	54	34.3	36.359	N	70.957	E	239	G	5.9		1.0	566	HINDU KUSH REGION, AFGHANISTAN. Mw 6.0 (GS), 5.9 (HRV). mb 6.2 (BRK). Felt (V) at Termiz, (IV) at Samarqand and (III) at Tashkent, Uzbekistan. Felt at Chitral, Dera Ismail Khan, Islamabad, Multan, Peshawar and Rawalpindi, Pakistan. Also felt at Amritsar, Srinagar and other parts of northern India. Two events about 2.6 seconds apart. Depth from broadband displacement seismograms, based on first event.
	25	01	24	18.7%	35.378	N	3.993	W	10	G			1.0	9	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	25	01	58	17.3*	46.206	N	11.321	E	10	G			0.7	8	NORTHERN ITALY. ML 2.5 (VIE).
	25	02	06	23.9%	35.648	N	3.489	W	10	G			0.8	5	STRAIT OF GIBRALTAR
	25	02	14	11.0?	37.91	N	20.04	E	5	G			1.3	12	IONIAN SEA. MD 3.3 (ATH). ML 2.9 (THE).
	25	02	34	09.9?	18.00	S	179.77	W	570	G	4.4		1.0	39	FIJI ISLANDS REGION
	25	02	46	41.8&	59.149	N	153.654	W	112					21	SOUTHERN ALASKA. <AEIC>.
a	25	04	37	45.0	1.830	N	126.023	E	41	*	5.2	4.7	1.1	68	NORTHERN MOLUCCA SEA. Mw 5.5 (HRV).
	25	05	01	32.0	10.440	S	161.767	E	51	*	4.5		0.9	15	SOLOMON ISLANDS. Felt on San Cristobal.
	25	06	06	18.8	35.109	N	138.942	E	33	N	4.4		1.1	37	EASTERN HONSHU, JAPAN
	25	06	11	52.6%	44.481	N	7.264	E	10	G			0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	25	06	11	59.5*	43.314	N	146.599	E	33	N	4.7		0.7	25	KURIL ISLANDS
	25	06	14	59.5*	57.215	N	17.927	E	10	G			0.5	5	BALTIC SEA. ML 2.4 (NAO).
	25	06	59	52.1?	7.31	S	128.96	E	175	?	4.5		1.9	5	BANDA SEA
	25	07	18	42.3	27.329	N	129.284	E	33	N	5.0		0.9	71	RYUKYU ISLANDS
	25	07	29	06.1	27.136	N	92.295	E	33	N	4.9	4.5	0.9	50	EASTERN XIZANG-INDIA BORDER REG.
	25	08	09	24.2*	12.212	S	123.691	E	33	N	4.4		0.4	6	SOUTH OF TIMOR, INDONESIA
	25	09	00	19.8?	33.84	S	71.98	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	25	09	19	15.6*	55.900	S	27.896	W	33	N	5.2		0.7	10	SOUTH SANDWICH ISLANDS REGION
	25	09	38	00.0?	38.64	N	13.88	W	10	G			0.5	12	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD).
	25	09	38	08.3?	39.94	N	30.19	E	10	G			1.5	4	TURKEY. ML 2.6 (ISK).
	25	09	40	05.7&	34.266	N	116.458	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	25	09	47	39.5?	39.39	N	29.81	E	10	G			0.6	4	TURKEY. ML 2.6 (ISK).
	25	09	48	25.0%	26.410	S	27.378	E	5	G			0.9	5	REPUBLIC OF SOUTH AFRICA
	25	09	51	00.6%	39.686	N	29.481	E	10	G			0.5	5	TURKEY. ML 2.7 (ISK).
	25	10	06	17.3?	29.19	S	68.09	W	100	G			1.3	7	SAN JUAN PROVINCE, ARGENTINA
	25	10	10	17.2?	39.91	N	29.33	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).
	25	10	42	44.6%	39.747	N	29.414	E	10	G			0.6	6	TURKEY. ML 2.6 (ISK).
	25	10	53	08.1%	39.696	N	29.464	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).

	25	12 03	32.6%	39.194	N	27.871	E	10	G		0.5	5	TURKEY. ML 2.7 (ISK).
	25	12 12	24.5%	26.400	S	27.338	E	5	G		0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	25	12 20	17.7?	39.08	N	27.74	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
	25	12 41	18.4%	26.411	S	27.361	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	25	12 48	12.1&	36.196	N	120.753	W	7				59	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (GS), 2.9 (PAS).
	25	12 58	36.9*	23.154	N	99.369	E	44	?	4.2	0.7	6	MYANMAR-CHINA BORDER REGION
	25	13 06	57.1?	5.94	S	129.71	E	91	?	3.9	0.1	5	BANDA SEA
a	25	13 30	26.8	43.771	N	147.698	E	35	D	5.5 4.8	0.8	262	KURIL ISLANDS. Mw 5.4 (HRV).
	25	13 39	19.6&	36.857	N	121.601	W	8				13	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.7 (GS).
	25	14 29	37.6%	40.812	N	30.214	E	10	G		0.5	6	TURKEY. ML 2.7 (ISK).
	25	14 44	29.1%	40.220	N	28.800	E	10	G		0.3	5	TURKEY. ML 2.5 (ISK).
	25	14 59	09.6*	43.337	N	17.569	E	5	G		1.2	10	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	25	15 09	38.3	46.066	N	11.052	E	10	G		1.1	23	NORTHERN ITALY. ML 3.1 (VIE), 2.8 (LDG).
	25	15 46	55.9?	39.41	N	29.56	E	10	G		0.3	4	TURKEY. ML 2.6 (ISK).
	25	15 56	06.7*	44.708	N	129.255	W	10	G	4.2	0.5	42	OFF COAST OF OREGON
	25	15 59	44.0	44.563	N	129.885	W	10	G	4.3	0.6	112	OFF COAST OF OREGON
	25	16 05	18.2%	33.156	S	70.301	W	5	G		0.4	10	CHILE-ARGENTINA BORDER REGION
	25	16 29	38.2*	67.012	N	21.126	E	10	G		1.4	5	SWEDEN. MD 2.6 (BER).
	25	17 22	15.7*	66.996	N	21.037	E	10	G		1.0	6	SWEDEN. MD 2.8 (BER).
	25	17 27	40.0%	39.395	N	28.219	E	10	G		0.6	8	TURKEY. ML 2.9 (ISK).
	25	17 32	14.7?	44.13	N	147.76	E	33	N	3.9	0.6	8	KURIL ISLANDS
	25	17 36	39.7	38.435	N	21.274	E	5	G	3.6	0.6	6	GREECE. ML 3.3 (ATH).
	25	17 45	37.8?	38.19	N	21.22	E	10	G		0.7	4	GREECE. MD 3.3 (ATH).
	25	17 48	39.3*	37.976	N	21.200	E	10	G		1.4	6	SOUTHERN GREECE. MD 3.4 (ATH).
	25	17 51	56.6&	60.193	N	153.153	W	136				57	SOUTHERN ALASKA. <AEIC>.
	25	17 55	47.6	44.835	N	117.009	W	10	G		0.6	36	OREGON. ML 3.1 (GS). Felt (III) at Halfway, Oxbow and Richland. Also felt at Brownlee.
a	25	18 50	57.7	43.234	N	147.098	E	52	D	5.3	0.9	241	KURIL ISLANDS. Mw 5.1 (HRV).
	25	18 53	32.2%	34.097	S	70.326	W	10	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	25	20 09	31.7*	51.666	N	16.166	E	10	G		1.4	7	POLAND. ML 2.5 (MOX).
	25	20 10	00.4?	30.93	S	68.42	W	33	N		0.8	5	SAN JUAN PROVINCE, ARGENTINA
	25	20 16	59.3*	51.486	N	16.140	E	10	G		1.4	5	POLAND. ML 3.4 (MOX).
	25	20 25	20.6%	38.301	N	26.158	W	5	G		0.2	7	AZORES ISLANDS
a	25	21 00	39.9	27.523	S	63.216	W	573	D	5.1	0.8	202	SANTIAGO DEL ESTERO PROV., ARG. Mw 5.4 (HRV).
	25	21 36	40.7&	38.804	N	119.727	W	0				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	25	22 05	29.9*	51.133	N	171.024	W	33	N	4.3	0.9	23	FOX ISLANDS, ALEUTIAN ISLANDS
	25	22 51	22.6%	26.405	S	27.388	E	5	G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	25	23 35	42.5*	35.798	S	17.768	W	10	G	4.9	1.3	9	SOUTHERN MID-ATLANTIC RIDGE
	26	01 08	42.2?	32.63	S	71.87	W	33	N		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	26	01 21	11.5	40.801	N	20.884	E	5	G		1.1	20	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 3.0 (TTG), 2.7 (TIR).
	26	03 13	01.5&	66.773	N	134.153	W	10	G			3	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.0 (PGC).
	26	03 22	07.7?	31.81	S	69.15	W	120	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
a	26	03 31	16.8*	27.520	S	176.909	W	168	?	4.9	1.1	53	KERMADEC ISLANDS REGION. Mw 5.4 (HRV).
	26	03 58	35.8*	37.327	N	134.718	E	390	*	4.3	0.6	12	SEA OF JAPAN
	26	04 48	48.6*	5.278	S	101.426	E	33	N	5.0 4.8	0.8	25	SOUTHWEST OF SUMATERA, INDONESIA
	26	05 58	05.5	33.541	S	71.020	W	60	G		0.2	9	NEAR COAST OF CENTRAL CHILE
	26	06 19	46.0?	16.75	N	62.51	W	10	G		1.5	7	LEEWARD ISLANDS. MD 2.4 (TRN).
	26	06 36	00.5%	44.732	N	7.395	E	10	G		0.6	5	NORTHERN ITALY. ML 1.9 (GEN).
	26	06 45	06.8?	29.86	S	68.10	W	100	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	26	06 51	14.1%	18.461	N	67.025	W	10	G		0.4	5	MONA PASSAGE
	26	07 26	09.6?	28.33	S	67.48	W	200	G		0.3	7	LA RIOJA PROVINCE, ARGENTINA
	26	07 30	42.3	43.351	N	147.149	E	33	N	4.4	1.2	24	KURIL ISLANDS
	26	08 16	14.2?	31.57	S	72.13	W	33	N		1.0	4	OFF COAST OF CENTRAL CHILE
	26	08 39	20.7*	43.308	N	147.372	E	33	N	4.6	1.4	24	KURIL ISLANDS
	26	09 06	57.8?	7.91	S	129.27	E	117	?	4.3	0.4	6	BANDA SEA
	26	09 43	27.6*	16.543	N	61.032	W	28	*		0.7	8	LEEWARD ISLANDS
	26	10 00	00.2&	35.053	N	117.342	W	0				10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	26	10 00	56.3?	43.22	N	147.89	E	33	N	4.0	1.6	5	KURIL ISLANDS
	26	10 17	53.9	43.696	N	147.632	E	33	N	4.5	1.0	12	KURIL ISLANDS
	26	10 52	00.0%	39.757	N	29.555	E	10	G		0.1	5	TURKEY. ML 2.6 (ISK).
	26	11 01	45.9%	40.425	N	28.450	E	10	G		0.5	7	TURKEY. ML 2.7 (ISK).
	26	11 05	27.0*	11.359	S	118.284	E	33	N	3.3	1.3	6	SOUTH OF SUMBAWA, INDONESIA
	26	11 46	55.0?	39.72	N	29.42	E	5	G		0.1	4	TURKEY. ML 2.7 (ISK).
	26	11 51	10.8%	16.737	N	61.631	W	33	N		0.7	5	LEEWARD ISLANDS. ML 2.2 (FDF).
	26	12 12	21.0?	29.14	S	71.04	W	145	?		1.1	10	NEAR COAST OF CENTRAL CHILE
	26	13 12	20.6&	60.311	N	151.881	W	67				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	26	13 21	22.0	32.924	S	70.633	W	5	G		0.6	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
a	26	13 52	32.4	43.726	N	147.353	E	33	D	5.1	0.8	174	KURIL ISLANDS. Mw 5.1 (HRV).
	26	13 56	02.9%	39.670	N	29.571	E	10	G		0.6	6	TURKEY. ML 2.8 (ISK).
	26	14 44	29.2?	33.55	S	179.06	W	33	N	4.8	1.5	9	SOUTH OF KERMADEC ISLANDS
	26	15 00	26.5?	39.75	N	27.91	E	10	G		0.5	6	TURKEY. ML 2.7 (ISK).
	26	15 22	11.1?	39.29	N	29.98	E	10	G		1.0	4	TURKEY. ML 2.6 (ISK).
	26	16 03	37.8*	7.255	S	124.853	E	495	?	4.1	0.7	8	BANDA SEA
	26	16 07	18.4*	43.865	N	147.476	E	40	*	4.7	0.7	58	KURIL ISLANDS
	26	16 50	31.1?	34.45	S	70.55	W	110	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	26	16 59	20.4	13.381	N	89.677	W	65		4.6	1.2	75	EL SALVADOR. MD 4.7 (GCG). Felt (III) at San Salvador.
	26	18 02	37.2*	22.339	N	118.783	E	33	N	4.1	1.2	7	TAIWAN REGION
	26	18 47	45.7	36.555	N	3.050	W	5	G		1.0	23	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (IV) in the Adra area, Spain.
	26	19 12	30.0	33.690	N	31.542	E	10	G	3.1	0.7	29	EASTERN MEDITERRANEAN SEA
	26	20 41	52.0?	43.79	N	19.32	E	10	G		1.6	11	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	26	20 49	43.6*	31.590	S	68.325	W	10	G		1.3	5	SAN JUAN PROVINCE, ARGENTINA
	26	20 52	31.7?	31.24	S	69.03	W	190	G		0.5	10	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	26	23 32	15.2?	38.08	N	29.15	E	10	G		1.4	4	TURKEY. ML 3.0 (ISK).
	26	23 47	20.1	51.879	N	175.932	W	50	D	4.9	1.2	61	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak and (III) on Atka.
	26	23 49	42.6?	3.62	S	130.20	E	94	?	4.8	1.4	8	SERAM, INDONESIA
	27	01 34	21.7*	45.551	N	6.371	E	5	G		0.7	8	FRANCE. ML 2.2 (GEN).
	27	02 00	44.2?	7.24	S	129.63	E	87	?	3.4	0.1	5	BANDA SEA

	27	03	03	45.8*	4.904	N	95.632	E	111	*	4.6		1.1	30	NORTHERN SUMATERA, INDONESIA
	27	03	11	44.9&	61.752	N	147.191	W	32					57	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	27	03	35	53.8	44.814	N	117.001	W	10	G			0.6	48	OREGON. ML 3.6 (GS), 4.0 (BUT). Felt (IV) at Brownlee Village. Also felt at Halfway and Oxbow.
	27	03	43	02.3*	3.389	N	124.180	E	416	*	4.3		0.8	13	CELEBES SEA
	27	04	38	23.5	43.236	N	126.406	W	10	G	4.2		0.7	91	OFF COAST OF OREGON
	27	05	07	36.8%	37.283	N	28.531	E	10	G			0.4	5	TURKEY. ML 3.2 (ISK).
	27	05	24	56.7	10.795	N	85.787	W	33	N	4.7		1.1	60	COSTA RICA
	27	05	50	36.6%	40.394	N	28.449	E	10	G			0.5	8	TURKEY. ML 2.9 (ISK).
	27	06	03	07.4?	36.78	N	2.97	W	10	G			0.0	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	27	06	46	08.4?	40.76	N	30.31	E	10	G			0.3	4	TURKEY. ML 2.4 (ISK).
	27	07	02	31.9	37.757	N	21.068	E	45		4.5		1.1	48	SOUTHERN GREECE. MD 4.2 (ATH). Felt in the Pirgos area.
	27	07	32	42.4?	17.26	N	61.85	W	33	N			0.1	6	LEEWARD ISLANDS. MD 2.5 (TRN). ML 2.2 (FDF).
	27	07	39	06.8%	37.879	N	3.342	W	10	G			0.8	7	SPAIN. mbLg 2.9 (MDD).
	27	08	04	18.6&	62.500	N	151.414	W	91					43	CENTRAL ALASKA. <AEIC>.
	27	08	18	20.9?	39.58	N	29.41	E	5	G			0.7	4	TURKEY. ML 2.6 (ISK).
a	27	09	14	35.1	25.704	N	109.632	W	10	G	4.9		1.0	68	GULF OF CALIFORNIA. Mw 5.1 (HRV).
	27	09	33	51.2	5.717	S	146.675	E	131		4.7		1.0	31	EASTERN NEW GUINEA REG., P.N.G.
	27	10	04	08.4%	41.109	N	28.675	E	10	G			0.4	7	TURKEY. ML 2.7 (ISK).
	27	10	05	26.2*	31.019	S	68.479	W	10	G			1.4	5	SAN JUAN PROVINCE, ARGENTINA
	27	10	06	23.4?	39.13	N	27.60	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).
	27	12	01	49.5%	28.044	S	26.882	E	5	G			0.3	7	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	27	13	19	11.3	31.430	N	49.409	E	33	N	4.6		0.7	31	WESTERN IRAN
	27	13	27	17.4%	40.199	N	29.227	E	10	G			0.2	7	TURKEY. ML 2.7 (ISK).
	27	13	42	51.6	49.876	N	18.455	E	10	G			0.4	8	CZECH AND SLOVAK REPUBLICS. ML 3.5 (GRF), 3.3 (MOX), 3.3 (CLL).
	27	13	46	47.1%	44.412	N	7.295	E	10	G			0.5	6	NORTHERN ITALY. ML 2.0 (GEN).
	27	13	47	40.6%	39.660	N	29.527	E	10	G			0.8	8	TURKEY. ML 2.8 (ISK).
	27	14	20	50.3	45.805	N	5.805	E	5	G			0.3	11	FRANCE. ML 2.7 (LDG).
	27	14	29	22.8%	16.119	N	60.876	W	72	?			0.5	9	LEEWARD ISLANDS
	27	15	30	38.8?	59.35	N	6.05	E	10	G			0.7	4	SOUTHERN NORWAY. MD 1.2 (BER).
	27	15	58	01.0%	44.281	N	7.407	E	10	G			0.4	8	NORTHERN ITALY. ML 1.8 (GEN).
	27	16	27	56.9%	42.511	N	19.140	E	10	G			0.5	5	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	27	17	06	45.0	43.427	N	16.950	E	23		3.6		1.3	93	NORTHWESTERN BALKAN REGION. ML 4.2 (ZAG), 4.1 (TTG), 4.1 (TIR). Felt at Imotski, Makarska, Sinj and Split.
	27	17	44	05.2%	26.367	S	27.405	E	5	G			0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	27	17	44	39.1%	26.364	S	27.476	E	5	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
a	27	17	45	58.0	43.515	N	127.427	W	20	G	5.6	6.0	1.2	239	OFF COAST OF OREGON. Mw 6.3 (GS), 6.3 (HRV). Mo=3.2*10**18 Nm (BRK). Complex event observed on broadband displacement seismograms.
	27	18	07	52.5&	57.089	N	155.951	W	48					53	ALASKA PENINSULA. <AEIC>. ML 4.2 (AEIC), 3.9 (PMR). Felt (II) at Karluk, Kodiak Island.
	27	18	10	04.8	50.243	N	19.065	E	10	G			0.6	7	POLAND. ML 2.8 (CLL).
	27	19	22	10.6*	18.695	N	121.174	E	10	G	4.3		0.6	5	LUZON, PHILIPPINE ISLANDS
	27	20	18	15.4	40.798	N	20.875	E	5	G			1.0	22	GREECE-ALBANIA BORDER REGION. ML 3.2 (TTG), 2.8 (TIR). MD 3.1 (ATH).
	27	20	43	33.6	43.380	N	147.178	E	33	N	4.8		0.8	63	KURIL ISLANDS
	27	21	32	48.3?	40.33	N	20.99	E	10	G			1.0	4	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	27	21	33	34.3%	26.424	S	27.378	E	5	G			0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
a	27	22	20	28.5	25.778	S	179.339	E	519	G	5.9		1.0	457	SOUTH OF FIJI ISLANDS. Mw 6.6 (GS), 6.7 (HRV). Mo=1.5*10**19 Nm (PPT). Two events about 5.1 seconds apart. Depth from broadband displacement seismograms, based on first event.
	27	22	43	04.7%	39.495	N	27.773	E	10	G			0.5	5	TURKEY. ML 2.8 (ISK).
	27	23	46	29.8	15.002	S	75.264	W	45	D	5.1		0.9	89	NEAR COAST OF PERU
	28	00	04	49.1	45.106	N	9.063	E	10	G			0.9	66	NORTHERN ITALY. ML 3.5 (LDG), 3.5 (STR), 3.3 (VIE), 3.2 (GEN).
	28	01	00	44.7?	3.95	S	153.23	E	33	N	4.1		0.3	5	NEW IRELAND REGION, P.N.G.
	28	01	03	05.0?	45.71	N	14.17	E	10	G			0.3	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 1.6 (TRI).
	28	01	23	33.8	26.946	S	26.873	E	5	G			0.8	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.5 (BUL). ML 3.0 (PRE).
	28	01	26	59.8*	43.844	N	147.740	E	33	N	4.7		0.9	31	KURIL ISLANDS
	28	01	34	08.3%	39.305	N	27.650	E	5	G			0.6	7	TURKEY. ML 3.1 (ISK).
	28	02	09	24.5?	29.99	S	70.99	W	30	?			0.8	5	CENTRAL CHILE
	28	02	14	10.1%	42.580	N	19.005	E	10	G			0.5	6	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	28	03	19	45.7?	44.32	N	7.42	E	10	G			0.3	4	NORTHERN ITALY. ML 1.7 (GEN).
	28	03	35	34.6&	60.820	N	151.665	W	74					86	KENAI PENINSULA, ALASKA. <AEIC>.
	28	03	48	16.8*	43.033	N	147.075	E	33	N	4.3		1.3	13	KURIL ISLANDS
	28	04	22	21.8	44.220	N	147.389	E	33	N	4.6		0.8	32	KURIL ISLANDS
	28	05	02	59.2	45.348	N	6.718	E	10	G			0.3	7	FRANCE. ML 2.3 (GEN).
	28	05	38	38.8&	61.315	N	152.268	W	0					67	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
	28	07	55	30.1&	61.711	N	149.741	W	39					20	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	08	08	21.1%	26.322	S	27.631	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	28	08	25	53.7%	43.045	N	0.965	W	10	G			0.1	5	PYRENEES. ML 1.0 (STR).
	28	08	56	45.8?	39.76	N	30.10	E	5	G			0.7	4	TURKEY. ML 2.6 (ISK).
a	28	09	06	51.8	6.190	S	154.480	E	59	*	5.0	5.3	1.2	72	SOLOMON ISLANDS. Mw 5.8 (HRV).
a	28	09	11	20.0	14.537	N	103.755	W	33	N	5.2	5.5	0.9	125	OFF COAST OF GUERRERO, MEXICO. Mw 5.9 (HRV).
	28	09	32	13.7	43.495	N	127.281	W	10	G	4.4		0.8	158	OFF COAST OF OREGON. ML 4.3 (BRK).
	28	09	59	05.0?	31.02	S	68.60	W	89	?			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	28	10	29	00.9%	40.783	N	27.789	E	10	G			0.7	6	TURKEY. ML 2.7 (ISK).
	28	10	34	33.4?	39.14	N	27.47	E	10	G			0.7	4	TURKEY. ML 2.8 (ISK).
	28	11	00	33.7	53.750	N	171.157	E	33	N	4.5		1.0	43	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
	28	11	13	32.0	29.069	S	71.643	W	33	N			1.1	18	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN). Felt at La Higuera and Paihuano.
	28	12	37	39.6?	39.63	N	30.20	E	5	G			0.8	4	TURKEY. ML 2.8 (ISK).
	28	12	45	39.8%	26.353	S	27.481	E	5	G			1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	28	12	57	29.8	15.303	N	93.713	W	65		4.8		0.9	79	NEAR COAST OF CHIAPAS, MEXICO
	28	12	57	49.9&	63.273	N	150.474	W	127					78	CENTRAL ALASKA. <AEIC>.
	28	13	08	01.2%	40.830	N	27.773	E	10	G			0.6	8	TURKEY. ML 2.7 (ISK).
	28	13	16	25.9?	39.68	N	29.41	E	10	G			0.4	4	TURKEY. ML 2.5 (ISK).
	28	13	43	50.5%	43.353	N	16.913	E	5	G			1.1	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	28	13	47	33.4?	39.36	N	40.78	E	10	G			0.4	4	TURKEY. ML 3.8 (ISK).
	28	14	05	36.7%	39.717	N	29.553	E	10	G			0.5	6	TURKEY. ML 2.8 (ISK).
	28	15	00	39.6&	65.900	N	151.868	W	40					26	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).

	28	17	31	43.2*	34.946	N	141.971	E	38	D	4.9	1.2	69	OFF EAST COAST OF HONSHU, JAPAN
	28	18	05	33.0*	15.026	S	171.723	W	33	N	5.1	1.0	17	SAMOA ISLANDS REGION
	28	18	11	41.7&	38.736	N	119.724	W	0				57	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (GS), 3.3 (BRK).
	28	18	58	22.6?	15.16	S	167.36	E	142	?	4.6	1.0	32	VANUATU ISLANDS
	28	20	02	07.7*	43.889	N	127.551	W	10	G	4.1	1.1	25	OFF COAST OF OREGON
	28	20	20	36.0?	36.63	N	4.40	W	10	G		0.3	4	STRAIT OF GIBRALTAR
	28	20	49	23.0	43.389	N	146.762	E	58	D	4.9	0.8	89	KURIL ISLANDS
	28	20	59	25.1	33.306	S	70.206	W	106		4.9	0.9	79	CHILE-ARGENTINA BORDER REGION. MD 4.9 (SAN). Felt (IV) at Santiago, Chile. Felt (II) at Mendoza, Argentina.
	28	21	51	54.3%	26.873	S	26.741	E	5	G		0.9	8	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	28	22	03	12.5*	6.975	S	155.733	E	81	*	4.3	1.1	23	SOLOMON ISLANDS
	28	22	24	26.3%	26.878	S	26.769	E	5	G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	28	22	37	36.7	53.703	N	165.803	W	46	D	4.7 4.6	0.9	81	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.2 (PMR). Felt (IV) at Akutan and (III) at Unalaska.
	28	23	04	43.2?	43.30	N	5.98	E	10	G		0.3	9	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR). Mining induced.
	28	23	23	23.2*	14.399	N	93.193	W	33	N	4.3	1.3	16	NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (GCG).
	28	23	41	07.6?	26.54	N	56.50	E	33	N	4.2	0.9	9	SOUTHERN IRAN
a	28	23	51	12.2	24.759	N	122.208	E	33	N	5.5 5.4	1.1	193	TAIWAN REGION. Mw 5.6 (HRV).
	29	01	14	10.2*	34.972	S	70.242	W	10	G		1.0	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	29	01	22	36.2?	35.31	S	70.92	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	29	02	29	03.0*	2.915	S	139.080	E	33	N	4.7 4.2	1.1	21	NEAR NORTH COAST OF IRIAN JAYA
	29	03	48	45.8&	35.508	N	117.492	W	3				9	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	29	04	06	24.9?	39.69	N	28.03	E	10	G		0.5	6	TURKEY. ML 2.8 (ISK).
	29	04	15	37.8?	31.38	S	68.58	W	100	G		0.8	5	SAN JUAN PROVINCE, ARGENTINA
	29	04	29	47.6*	13.673	N	91.706	W	48	*	4.0	1.2	19	NEAR COAST OF GUATEMALA. MD 4.5 (GCG).
a	29	04	30	20.4	23.928	N	123.492	E	33	N	4.9 4.4	1.0	63	SOUTHWESTERN RYUKYU ISLANDS. Mw 5.3 (HRV).
	29	05	18	00.4%	39.172	N	28.181	E	5	G		0.5	9	TURKEY. ML 3.0 (ISK).
	29	05	20	35.9	42.360	N	19.401	E	20	*		0.3	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	29	05	24	41.1&	38.728	N	119.724	W	0				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (BRK), 2.8 (GS).
	29	05	37	40.7?	9.95	N	81.11	W	33	N		1.0	4	PANAMA. MD 4.1 (UPA).
	29	05	43	50.5%	44.443	N	7.292	E	10	G		0.3	7	NORTHERN ITALY. ML 1.6 (GEN).
	29	06	22	43.3?	14.98	N	61.06	W	130	G		0.4	7	WINDWARD ISLANDS. MG 2.7 (FDF).
	29	07	54	48.5?	38.40	N	26.92	E	10	G		0.3	5	AEGEAN SEA. ML 3.2 (ISK).
	29	08	03	12.8	39.254	N	116.070	W	5	G		0.7	19	NEVADA. ML 3.2 (GS).
	29	08	10	17.2	39.280	N	116.065	W	5	G		0.8	15	NEVADA. ML 3.3 (GS).
	29	12	19	14.9?	35.12	N	96.25	E	33	N	4.0	1.6	5	QINGHAI, CHINA
	29	12	52	26.4*	43.795	N	148.682	E	33	N	4.7	1.1	23	EAST OF KURIL ISLANDS
	29	13	27	27.3%	39.705	N	29.551	E	10	G		0.6	9	TURKEY. ML 2.8 (ISK).
	29	14	43	08.3	34.857	N	140.512	E	77		4.8	1.0	54	NEAR EAST COAST OF HONSHU, JAPAN
	29	14	47	34.1%	41.150	N	28.575	E	5	G		0.4	6	TURKEY. ML 2.7 (ISK).
	29	15	53	19.8	14.092	S	167.160	E	200	D	4.9	1.0	88	VANUATU ISLANDS
	29	16	20	53.6*	7.261	N	76.716	W	33	N	4.0	1.2	5	NORTHERN COLOMBIA. MD 4.3 (UPA).
	29	16	35	07.1	44.095	N	6.968	E	9			0.5	18	FRANCE. ML 2.5 (GEN), 2.5 (LDG).
	29	16	44	05.9	17.008	N	99.681	W	50		4.5	1.4	51	GUERRERO, MEXICO
	29	17	52	37.4*	1.412	S	23.460	W	10	G	4.5	0.8	16	CENTRAL MID-ATLANTIC RIDGE
	29	18	10	05.8%	44.628	N	6.757	E	5	G		0.4	5	FRANCE. ML 1.9 (GEN).
	29	18	15	09.2	31.261	S	71.918	W	10	G		1.0	17	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	29	18	40	27.8?	35.06	N	88.20	E	33	N	4.4	1.2	7	XIZANG
	29	19	10	24.3?	43.49	N	19.22	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	29	19	27	23.5?	29.60	N	142.76	E	33	N	4.5	0.8	11	SOUTH OF HONSHU, JAPAN
	29	19	28	43.4	42.837	N	17.621	E	5	G	3.7	1.3	13	ADRIATIC SEA. ML 3.0 (TTG).
	29	20	00	55.9	24.036	N	121.889	E	33	N	4.4	1.0	17	TAIWAN
	29	20	09	29.0&	32.422	N	115.206	W	0				25	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.4 (ECX). ML 2.9 (PAS).
	29	21	47	52.3%	35.510	N	3.737	W	10	G		1.1	10	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	29	21	50	42.7*	5.361	S	102.692	E	33	N	4.1	1.3	9	SOUTHERN SUMATERA, INDONESIA
	29	22	11	14.8?	44.11	N	147.64	E	33	N	4.1	1.6	5	KURIL ISLANDS
	29	22	20	42.2%	11.085	N	61.476	W	60	G		0.3	8	WINDWARD ISLANDS. MD 3.3 (TRN).
	29	22	27	52.1	36.081	N	114.119	W	5	G		0.4	25	SOUTHERN NEVADA. ML 3.6 (GS).
	29	23	05	45.9?	4.84	N	76.42	W	118	?	3.9	1.3	7	COLOMBIA
	30	01	29	32.4*	34.222	N	25.876	E	11			0.5	11	CRETE. MD 3.7 (ATH).
	30	01	53	18.5*	17.324	N	60.590	W	33	N		0.4	15	LEEWARD ISLANDS. MD 3.8 (TRN).
	30	02	23	18.1	43.538	N	127.512	W	10	G		0.7	76	OFF COAST OF OREGON
	30	03	04	30.1*	33.327	S	72.235	W	5	G		1.0	14	OFF COAST OF CENTRAL CHILE
	30	03	20	12.9%	46.866	N	0.501	E	5	G		0.9	10	FRANCE. ML 2.6 (LDG).
	30	03	25	13.3?	51.56	N	174.05	W	33	N	4.1	0.7	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	04	17	36.8	43.874	N	147.241	E	33	N	4.7	0.8	51	KURIL ISLANDS
	30	04	19	53.1?	40.62	N	146.53	E	33	N	4.5	0.9	7	OFF EAST COAST OF HONSHU, JAPAN
	30	05	20	49.0?	31.46	S	68.66	W	100	G		0.9	4	SAN JUAN PROVINCE, ARGENTINA
	30	05	26	57.9	44.647	N	8.326	E	9			0.8	49	NORTHERN ITALY. ML 3.2 (LDG), 3.1 (GEN).
	30	05	27	36.6?	29.26	S	68.36	W	120	G		1.5	7	SAN JUAN PROVINCE, ARGENTINA
	30	06	06	27.4	28.032	S	26.738	E	5	G	5.6 4.7	0.8	260	REPUBLIC OF SOUTH AFRICA. ML 5.1 (PRE).
	30	06	24	21.3%	28.007	S	26.767	E	5	G		0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	30	06	53	52.4*	43.709	N	127.694	W	10	G		0.8	40	OFF COAST OF OREGON
	30	07	16	46.5%	10.996	N	62.008	W	70	G		0.2	6	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
a	30	08	11	29.8	6.183	S	129.446	E	264	D	5.6	1.0	201	BANDA SEA. Mw 5.9 (HRV). Felt at Darwin, Australia.
	30	08	17	52.6%	44.954	N	7.063	E	5	G		0.8	7	NORTHERN ITALY. ML 2.2 (GEN).
	30	08	47	22.5%	39.683	N	29.473	E	10	G		0.5	7	TURKEY. ML 2.6 (ISK).
	30	09	00	02.4%	43.410	N	18.869	E	5	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	30	09	35	20.4	35.944	N	30.100	E	47		4.0	1.1	85	EASTERN MEDITERRANEAN SEA. MD 4.5 (ATH).
	30	10	30	24.5%	39.683	N	29.486	E	10	G		0.6	6	TURKEY. ML 2.7 (ISK).
	30	10	31	24.6?	1.26	S	134.55	E	10	G	4.7	0.7	5	IRIAN JAYA REGION, INDONESIA
	30	10	50	42.6?	36.96	N	140.33	E	10	G		0.7	5	NEAR EAST COAST OF HONSHU, JAPAN
	30	11	44	12.4%	26.761	S	26.739	E	5	G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	30	11	47	41.0%	28.008	S	26.783	E	5	G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	30	12	39	40.3	40.484	N	29.125	E	10	G		0.7	8	TURKEY. ML 2.6 (ISK).
	30	13	58	31.6%	39.720	N	29.539	E	10	G		0.6	7	TURKEY. ML 2.7 (ISK).
	30	14	01	07.3%	44.483	N	10.178	E	14			0.9	12	NORTHERN ITALY
	30	14	24	52.8%	39.723	N	29.455	E	10	G		0.7	6	TURKEY. ML 2.6 (ISK).
	30	14	29	39.2&	61.918	N	149.829	W	10				42	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).

	30	14	34	42.6&	32.070	N	115.409	W	2				29	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.5 (ECX). ML 3.5 (GS).
	30	15	06	52.5%	44.561	N	7.243	E	10	G		0.6	10	NORTHERN ITALY. ML 2.0 (GEN).
	30	15	53	14.1?	31.43	S	68.74	W	100	G		0.7	4	SAN JUAN PROVINCE, ARGENTINA
	30	16	29	07.9?	54.10	S	7.84	E	10	G	5.0 4.5	1.3	9	BOUVET ISLAND REGION
	30	16	40	42.1	55.102	N	160.288	E	117	D	4.8	0.8	107	KAMCHATKA
	30	17	21	08.2	6.868	S	129.023	E	191	*	5.0	1.1	58	BANDA SEA
	30	18	23	07.3%	46.792	N	6.942	E	10	G		1.4	6	SWITZERLAND
	30	18	31	50.9%	40.626	N	29.130	E	10	G		0.5	6	TURKEY. ML 2.5 (ISK).
	30	18	40	40.6?	8.19	S	127.38	E	111	?	4.2	1.2	5	TIMOR REGION, INDONESIA
	30	18	47	40.2&	60.161	N	153.288	W	137				56	SOUTHERN ALASKA. <AEIC>.
	30	19	51	20.3%	41.161	N	29.718	E	10	G		0.4	9	TURKEY. ML 2.9 (ISK).
	30	20	43	30.1?	31.70	S	69.86	W	33	N		0.8	4	SAN JUAN PROVINCE, ARGENTINA
	30	20	54	03.3	43.656	N	127.672	W	10	G		0.6	70	OFF COAST OF OREGON
	30	22	33	29.5&	63.082	N	130.705	W	10	G			5	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.1 (PGC).
	30	23	48	39.1	6.130	S	147.495	E	81		4.9	0.8	25	EASTERN NEW GUINEA REG., P.N.G.
	31	00	31	37.5?	29.26	S	71.55	W	33	N		1.2	7	NEAR COAST OF CENTRAL CHILE
	31	00	45	23.9&	34.374	N	116.455	W	3				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	31	00	53	31.6?	32.26	S	71.16	W	70	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	31	01	41	37.1?	17.94	S	178.15	W	577	*	4.8	1.0	13	FIJI ISLANDS REGION
	31	01	42	35.7	42.516	N	21.818	E	5	G		1.0	38	NORTHWESTERN BALKAN REGION. MD 3.8 (ATH). ML 3.5 (TTG), 3.4 (SKO). Felt (IV) in the Kumanovo area.
	31	01	48	22.1	42.539	N	21.853	E	5	G		0.9	37	NORTHWESTERN BALKAN REGION. MD 3.8 (ATH). ML 3.6 (TTG), 3.4 (SKO), 3.4 (TIR). Felt (IV) in the Kumanovo area.
	31	02	30	04.5*	51.171	N	15.809	E	5	G		1.0	6	POLAND. ML 2.4 (CLL).
	31	02	52	53.2	43.219	N	147.302	E	53	D	4.6	0.6	65	KURIL ISLANDS
	31	03	31	02.0%	44.284	N	6.958	E	5	G		0.5	8	FRANCE. ML 2.0 (GEN).
	31	04	05	00.7	45.877	N	10.969	E	10	G		0.5	11	NORTHERN ITALY. ML 2.8 (VIE).
	31	04	44	37.7%	35.314	N	3.950	W	10	G		1.1	10	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	31	06	42	33.1?	45.35	N	146.81	E	138	?	4.5	0.5	15	KURIL ISLANDS
	31	06	52	41.0%	40.172	N	28.305	E	10	G		0.3	11	TURKEY. ML 3.3 (ISK). Felt at Bursa.
	31	07	29	08.7	31.883	S	70.495	W	102	?		0.8	15	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	31	08	01	19.6?	33.42	S	118.22	E	10	G		0.8	5	WESTERN AUSTRALIA
	31	08	17	49.6&	60.032	N	152.710	W	99				53	SOUTHERN ALASKA. <AEIC>.
	31	10	15	23.3?	40.76	N	29.97	E	10	G		0.5	4	TURKEY. ML 2.5 (ISK).
	31	11	08	48.0?	40.22	N	29.61	E	10	G		0.2	4	TURKEY. ML 2.6 (ISK).
a	31	11	48	13.9	3.019	N	96.192	E	29	G	5.7 6.2	1.1	377	NORTHERN SUMATERA, INDONESIA. Mw 6.1 (GS), 6.2 (HRV). Felt (III) at Gunungsitoli, Nias. Depth from broadband displacement seismograms.
	31	12	06	21.1%	40.697	N	30.024	E	5	G		0.6	5	TURKEY. ML 2.6 (ISK).
	31	13	07	47.7%	40.772	N	27.700	E	10	G		0.6	5	TURKEY. ML 2.8 (ISK).
	31	15	15	59.4%	39.678	N	29.528	E	5	G		0.5	7	TURKEY. ML 2.8 (ISK).
	31	15	52	32.3%	40.856	N	28.244	E	10	G		0.6	6	TURKEY. ML 2.8 (ISK).
	31	15	52	37.1&	59.693	N	152.469	W	77				49	SOUTHERN ALASKA. <AEIC>.
	31	15	55	42.0?	39.72	N	29.64	E	10	G		1.0	4	TURKEY. ML 2.6 (ISK).
	31	16	04	09.5%	40.587	N	27.477	E	10	G		0.6	8	TURKEY. ML 2.7 (ISK).
	31	16	48	56.0*	43.529	N	147.598	E	33	N	4.7	0.8	22	KURIL ISLANDS
	31	16	50	39.6*	32.503	S	68.564	W	100	G		0.9	14	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	31	17	13	37.7	40.816	N	20.844	E	5			1.1	35	GREECE-ALBANIA BORDER REGION. ML 3.8 (TTG), 3.4 (THE), 3.4 (TIR). MD 3.4 (ATH).
	31	17	14	40.6?	37.02	N	4.27	W	10	G		0.0	4	SPAIN. mbLg 2.3 (MDD).
	31	17	19	14.6*	46.726	N	14.384	E	5	G		1.2	8	NORTHWESTERN BALKAN REGION. ML 2.9 (GRF). MD 2.5 (LJU).
	31	17	22	27.8&	59.950	N	153.464	W	134				32	SOUTHERN ALASKA. <AEIC>.
a	31	17	22	54.7	15.401	N	93.721	W	51	D	5.1 4.8	1.0	161	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.2 (HRV).
	31	17	43	13.9	31.954	S	69.860	W	127	?		0.9	16	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	31	18	01	42.0%	26.814	S	26.785	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	31	18	47	08.2%	39.562	N	27.767	E	5	G		0.8	5	TURKEY. ML 2.7 (ISK).
	31	19	05	11.7*	2.658	N	126.707	E	102	*	4.6	0.7	8	NORTHERN MOLUCCA SEA
	31	19	09	34.2%	39.256	N	27.746	E	5	G		0.2	5	TURKEY. ML 3.1 (ISK).
	31	19	46	05.1%	43.257	N	19.020	E	10	G		0.3	5	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	31	19	57	18.5&	63.554	N	150.828	W	12				52	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	31	20	22	24.4?	43.55	N	149.26	E	33	N	4.1	1.3	7	EAST OF KURIL ISLANDS
	31	21	09	22.5	36.005	N	23.404	E	75	*	3.7	1.2	34	SOUTHERN GREECE. MD 3.8 (ATH).
	31	21	17	36.0*	32.500	S	71.677	W	10	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
a	31	21	19	07.8	2.358	S	138.376	E	10	G	5.2 4.6	0.9	84	IRIAN JAYA, INDONESIA. Mw 5.2 (HRV).
	31	22	00	54.3	49.848	N	18.434	E	10	G		0.6	10	CZECH AND SLOVAK REPUBLICS. ML 3.9 (GRF).
	31	22	05	13.9*	15.180	N	60.397	W	33	N		0.4	13	LEEWARD ISLANDS. MD 3.8 (TRN). ML 3.4 (FDF).
	31	22	23	35.8%	32.203	S	70.397	W	100	G		0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	31	22	25	24.8&	62.351	N	148.364	W	29				111	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 3.9 (PMR).
a	31	22	59	26.3	9.037	N	83.323	W	56		5.6	0.9	283	COSTA RICA. Mw 5.6 (HRV). MD 4.9 (UPA).
a	31	23	04	07.6*	17.876	S	172.883	W	33	N	5.2 5.1	1.3	48	TONGA ISLANDS REGION. Mw 5.5 (HRV). Mo=3.8*10**17 Nm (PPT).
	31	23	12	42.9&	59.525	N	152.835	W	103				44	SOUTHERN ALASKA. <AEIC>.
	31	23	20	34.1	43.960	N	147.744	E	33	N	4.7	0.9	41	KURIL ISLANDS

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 15 03 31.31 17.849S 167.805E 26km
5.4mb (23 obs.) 5.3Msz (32 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 78C
Centroid Location:
Origin Time 15:03:35.5 0.2
Lat 17.72S 0.02 Lon 167.65E 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.06	56	15
N	-0.15	20	137
P	-3.90	26	237

Best Double Couple:Mo=4.0*10**17

	Strike=	Dip=	Slip=
NP1:	5	26	141
NP2:	131	74	69

01 16 35 20.79 17.745S 167.682E 17km
5.9mb (56 obs.) 6.5Msz (53 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	132	76	90
NP2:	312	14	90

Principal Axes:

	Plg=	Azm=
T	59	42
P	31	222

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 23 Focal mech. M
Energy 1.1±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 17 No. of sta: 31
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.60	55	45
N	0.00	13	296
P	-4.60	32	198

Best Double Couple:Mo=4.6*10**18

	Strike=	Dip=	Slip=
NP1:	251	18	44
NP2:	119	78	103

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 65S,163C M.W.: 43S, 80C
Centroid Location:
Origin Time 16:35:27.0 0.1
Lat 17.70S 0.01 Lon 167.65E 0.01
Dep 15.9 0.4 Half-duration 4.6
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	6.66	58	358
N	0.26	24	135
P	-6.92	19	234

Best Double Couple:Mo=6.8*10**18

	Strike=	Dip=	Slip=
NP1:	358	33	139
NP2:	125	69	64

01 17 46 37.58 17.768S 167.830E 33km
5.8mb (39 obs.) 6.3Msz (32 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 82C M.W.: 30S, 46C
Centroid Location:
Origin Time 17:46:40.9 0.2
Lat 17.71S 0.02 Lon 167.70E 0.02
Dep 17.0 1.1 Half-duration 3.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.48	18	248
N	-0.38	27	149
P	-2.11	56	8

Best Double Couple:Mo=2.3*10**18

	Strike=	Dip=	Slip=
NP1:	14	36	-39
NP2:	137	68	-120

01 23 28 56.24 17.638S 167.787E 18km
5.2mb (17 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 69C
Centroid Location:
Origin Time 23:29: 6.9 0.2
Lat 17.60S 0.04 Lon 167.47E 0.03
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.50	77	356
N	-0.06	13	175
P	-1.44	0	265

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

	Strike=	Dip=	Slip=
NP1:	8	46	108
NP2:	162	47	72

01 23 53 59.40 17.884S 167.436E 33km
4.9mb (13 obs.) 4.9Msz (3 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 22C
Centroid Location:
Origin Time 23:54: 1.2 0.8
Lat 17.45S 0.09 Lon 167.78E 0.06
Dep 34.8 6.1 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.39	1	19
N	-0.12	72	112
P	-1.27	18	289

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

	Strike=	Dip=	Slip=
NP1:	65	77	-168
NP2:	332	78	-13

02 00 55 37.44 8.121N 93.935E 33km
5.1mb (60 obs.) 4.6Msz (2 obs.)
NICOBAR ISLANDS, INDIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 00:55:34.3 1.4
Lat 8.03N 0.23 Lon 93.63E 0.21
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.57	6	300
N	-0.68	50	38
P	-5.89	39	205

Best Double Couple:Mo=6.2*10**16

	Strike=	Dip=	Slip=
NP1:	350	58	-154
NP2:	246	68	-35

02 10 14 32.38 17.563S 168.053E 10km
5.3mb (14 obs.) 4.9Msz (5 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 61C
Centroid Location:
Origin Time 10:14:39.2 0.3
Lat 17.45S 0.04 Lon 167.63E 0.03
Dep 18.6 1.7 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.39	67	15
N	-0.14	20	164
P	-1.25	11	258

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

	Strike=	Dip=	Slip=
NP1:	11	38	124
NP2:	151	59	66

02 22 10 39.60 25.327S 177.081W 65km
5.4mb (42 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 40C
Centroid Location:
Origin Time 22:10:46.5 0.6
Lat 25.26S 0.07 Lon 176.60W 0.05
Dep 55.4 5.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.78	50	232
N	3.21	21	349
P	-9.99	32	93

Best Double Couple:Mo=8.4*10**16

	Strike=	Dip=	Slip=
NP1:	233	23	156
NP2:	345	81	69

03 14 00 48.63 32.066N 114.948W 10km
4.5mb (7 obs.)
W. ARIZONA-SONORA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 12C
Centroid Location:
Origin Time 14:00:51.7 0.6
Lat 31.92N 0.10 Lon 114.93W 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.38	0	104
N	-0.23	90	180
P	-8.15	0	14

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

	Strike=	Dip=	Slip=
NP1:	149	90	-180
NP2:	239	90	0

03 16 22 56.44 2.100S 133.901E 33km
4.9mb (11 obs.) 4.6Msz (4 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 16:23: 0.1 2.4
Lat 2.03S 0.18 Lon 133.68E 0.17
Dep 15.211.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.84	17	107
N	-0.46	60	230
P	-5.38	23	9

Best Double Couple:Mo=5.6*10**16

	Strike=	Dip=	Slip=
NP1:	149	61	-175
NP2:	57	86	-29

04 12 09 40.15 6.218S 104.891E 24km
5.6mb (26 obs.) 4.7Msz (2 obs.)
SUNDA STRAIT
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 22C
Centroid Location:
Origin Time 12:09:51.7 1.0
Lat 6.40S 0.07 Lon 104.98E 0.11
Dep 58.3 7.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.61	62	22
N	1.14	4	285
P	-8.75	28	193

Best Double Couple:Mo=8.2*10**16

	Strike=	Dip=	Slip=
NP1:	273	17	78
NP2:	106	73	94

04 13 22 55.84 43.773N 147.321E 14km
7.3mb (71 obs.) 8.1Msz (38 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	55	78	145
NP2:	153	56	15

Principal Axes:

	Plg=	Azm=
T	33	9
P	14	108

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined. Complex rupture; focal mechanism based on second subevent.
RADIATED ENERGY
No. of sta: 33 Focal mech. F
Energy 1.1±0.1*10**17 Nm
MOMENT TENSOR SOLUTION
Dep 61 No. of sta: 41
Principal Axes:
Scale 10**21 Nm

	Val=	Plg=	Azm=
T	1.81	44	5
N	0.39	37	229
P	-2.20	23	120

Best Double Couple:Mo=2.0*10**21

	Strike=	Dip=	Slip=
NP1:	163	39	19
NP2:	58	78	128

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 60S,166C
Centroid Location:
Origin Time 13:23:28.5 0.1
Lat 43.60N 0.00 Lon 147.63E 0.01

Dep 68.2 0.4 Half-duration 25.0
Principal Axes:
Scale 10**21 Nm
T Val= 2.93 Plg=46 Azm=359
N 0.12 37 218
P -3.06 20 112
Best Double Couple:Mo=3.0*10**21
NP1:Strike=158 Dip=41 Slip= 24
NP2: 50 74 128

05 04 00 47.51 43.398N 148.078E 40km
5.8mb (127 obs.) 5.6Msz (27 obs.)
EAST OF KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=90 Slip= 132
NP2: 110 42 360
Principal Axes:
T Plg=32 Azm=324
P 32 76
Comment: The focal mechanism is poorly controlled and corresponds to vertical faulting with a large strike-slip component. The preferred fault plane is not determined.

05 20 37 29.31 43.592N 147.449E 13km
5.8mb (131 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=255 Dip=58 Slip=-146
NP2: 145 62 -37
Principal Axes:
T Plg= 2 Azm=201
P 45 109
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 1.1±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 33
Principal Axes:
Scale 10**17 Nm
T Val= 9.09 Plg= 6 Azm=182
N -0.33 20 274
P -8.76 69 78
Best Double Couple:Mo=8.9*10**17
NP1:Strike=251 Dip=43 Slip=-121
NP2: 110 54 -64
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 53S,113C
Centroid Location:
Origin Time 20:37:34.1 0.1
Lat 43.63N 0.02 Lon 147.37E 0.03
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 8.99 Plg=21 Azm=192
N 1.09 16 288
P -10.08 63 52
Best Double Couple:Mo=9.5*10**17
NP1:Strike=255 Dip=28 Slip=-127
NP2: 115 68 -73

05 20 39 48.42 43.954N 147.336E 40km
6.2mb (136 obs.) 5.5Msz (18 obs.)
KURIL ISLANDS
RADIATED ENERGY
No. of sta: 19 Focal mech. M
Energy 3.3±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 12
Principal Axes:
Scale 10**17 Nm
T Val= 9.43 Plg=28 Azm= 39
N -2.57 47 164
P -6.85 29 291
Best Double Couple:Mo=8.1*10**17
NP1:Strike= 76 Dip=47 Slip=-179
NP2: 345 89 -43
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 40C
Centroid Location:
Origin Time 20:39:52.7 0.4
Lat 44.22N 0.05 Lon 147.31E 0.06
Dep 25.6 2.3 Half-duration 3.3
Principal Axes:
Scale 10**18 Nm
T Val= 1.89 Plg=39 Azm= 37
N -0.60 4 130
P -1.29 50 225
Best Double Couple:Mo=1.6*10**18
NP1:Strike= 94 Dip= 7 Slip=-126
NP2: 311 84 -86

06 07 38 48.77 43.239N 148.458E 30km
5.3mb (78 obs.) 5.2Msz (7 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 07:38:51.6 0.4
Lat 43.60N 0.06 Lon 148.05E 0.09
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.44 Plg= 2 Azm= 11
N 4.27 55 278
P -12.71 35 102
Best Double Couple:Mo=1.1*10**17
NP1:Strike=141 Dip=64 Slip= -25
NP2: 242 67 -152

06 15 42 14.18 56.628S 141.923W 10km
5.8mb (12 obs.) 5.2Msz (2 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, 84C
Centroid Location:
Origin Time 15:42:22.0 0.2
Lat 56.55S 0.03 Lon 141.94W 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.16 Plg=19 Azm=355
N -0.10 69 151
P -2.06 8 262
Best Double Couple:Mo=2.1*10**17
NP1:Strike= 37 Dip=71 Slip= 171
NP2: 130 82 19

06 23 20 13.37 43.413N 147.321E 53km
5.1mb (75 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 22C
Centroid Location:
Origin Time 23:20:12.0 1.5
Lat 43.03N 0.13 Lon 148.09E 0.13
Dep 56.9 6.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.56 Plg=65 Azm=324
N 0.06 6 221
P -5.61 24 128
Best Double Couple:Mo=5.6*10**16
NP1:Strike=205 Dip=22 Slip= 73
NP2: 43 69 97

07 02 36 09.29 43.614N 147.289E 52km
6.1mb (167 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=270 Dip=88 Slip=-105
NP2: 173 15 -8
Principal Axes:
T Plg=41 Azm= 14
P 45 165
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a small strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 2.7±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 47 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 3.07 Plg=44 Azm= 34
N -0.44 24 278
P -2.63 36 170
Best Double Couple:Mo=2.8*10**17
NP1:Strike=200 Dip=24 Slip= 11
NP2: 100 86 114
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 78C
Centroid Location:
Origin Time 02:36:12.7 0.2
Lat 43.58N 0.02 Lon 147.28E 0.03
Dep 42.8 2.5 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.73 Plg=51 Azm= 18
N 0.20 10 275
P -2.93 37 178
Best Double Couple:Mo=2.8*10**17
NP1:Strike=221 Dip=12 Slip= 35
NP2: 97 83 100

07 07 00 52.17 43.117N 146.866E 55km
5.5mb (106 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 77C
Centroid Location:
Origin Time 07:00:55.3 0.2
Lat 42.94N 0.03 Lon 147.06E 0.03
Dep 55.9 2.2 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.78 Plg=66 Azm=328
N 0.45 8 221
P -2.22 23 128
Best Double Couple:Mo=2.0*10**17
NP1:Strike=203 Dip=23 Slip= 71
NP2: 44 68 98

07 12 54 10.81 35.106S 179.137E 33km
5.4mb (15 obs.)
OFF E. COAST OF N. ISLAND, N.Z.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 13C
Centroid Location:
Origin Time 12:54:22.8 0.8
Lat 35.08S FIX;Lon 179.13E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 12.03 Plg=34 Azm=316
N -1.92 5 222
P -10.11 55 124
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 69 Dip=12 Slip= -62
NP2: 221 80 -96

07 15 00 14.78 43.580N 148.218E 30km
5.3mb (81 obs.) 5.1Msz (32 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 40C
Centroid Location:
Origin Time 15:00:18.5 0.4
Lat 43.50N 0.05 Lon 148.51E 0.06
Dep 31.9 3.2 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 9.88 Plg=68 Azm=328
N 2.73 11 209
P -12.61 19 116
Best Double Couple:Mo=1.1*10**17
NP1:Strike=188 Dip=28 Slip= 66
NP2: 35 65 102

07 15 24 03.44 42.877N 146.063E 24km
6.0mb (138 obs.) 5.2Msz (8 obs.)
OFF COAST OF HOKKAIDO, JAPAN
RADIATED ENERGY
No. of sta: 9 Focal mech. C
Energy 1.2±0.4*10**13 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 15:24: 3.6 0.6
Lat 42.68N 0.08 Lon 146.18E 0.08
Dep 33.9 3.7 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.23 Plg=69 Azm= 21

N 0.00 20 189
P -1.23 4 280
Best Double Couple:Mo=1.2*10**17
NP1:Strike= 31 Dip=45 Slip= 120
NP2: 172 52 64

08 05 28 26.80 43.319N 146.676E 26km
5.6mb (119 obs.) 5.0Msz (18 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 52C
Centroid Location:
Origin Time 05:28:29.1 0.3
Lat 43.37N 0.04 Lon 146.39E 0.05
Dep 21.8 4.0 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.49 Plg= 7 Azm= 9
N 0.15 62 266
P -1.64 27 103
Best Double Couple:Mo=1.6*10**17
NP1:Strike=143 Dip=66 Slip= -15
NP2: 239 76 -155

08 09 54 34.26 43.873N 148.171E 9km
5.9mb (146 obs.)
EAST OF KURIL ISLANDS
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 8.6±2.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 23 No. of sta: 8
Principal Axes:
Scale 10**17 Nm
T Val= 1.52 Plg=65 Azm=198
N -0.10 19 334
P -1.42 17 70
Best Double Couple:Mo=1.5*10**17
NP1:Strike=185 Dip=33 Slip= 126
NP2: 324 64 69
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 55C
Centroid Location:
Origin Time 09:54:39.1 0.3
Lat 43.80N 0.04 Lon 148.13E 0.04
Dep 34.5 2.1 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.00 Plg=79 Azm= 10
N 0.22 11 187
P -1.22 0 277
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 18 Dip=46 Slip= 106
NP2: 177 47 75

08 12 13 49.03 43.219N 147.742E 59km
5.1mb (74 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 40C
Centroid Location:
Origin Time 12:13:50.6 0.4
Lat 43.08N 0.05 Lon 147.63E 0.05
Dep 52.9 3.8 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.21 Plg=23 Azm= 10
N -0.01 64 219
P -1.20 12 105
Best Double Couple:Mo=1.2*10**17
NP1:Strike=149 Dip=65 Slip= 8
NP2: 55 82 155

08 21 44 07.21 1.258S 127.980E 17km
6.4mb (81 obs.) 6.8Msz (60 obs.)
HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=192 Dip=84 Slip= 174
NP2: 283 84 6
Principal Axes:
T Plg= 8 Azm=147
P 0 57
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: 9 Focal mech. F
Energy 2.2±0.7*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 24
Principal Axes:
Scale 10**19 Nm
T Val= 1.76 Plg= 0 Azm=317
N 0.26 82 227
P -2.03 8 47
Best Double Couple:Mo=1.9*10**19
NP1:Strike= 92 Dip=84 Slip= -6
NP2: 183 84 -174
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 70S,178C M.W.: 64S,135C
Centroid Location:
Origin Time 21:44:13.5 0.1
Lat 1.19S 0.01 Lon 127.87E 0.01
Dep 15.0 FIX Half-duration 6.2
Principal Axes:
Scale 10**19 Nm
T Val= 1.84 Plg=11 Azm=313
N -0.30 72 187
P -1.55 14 46
Best Double Couple:Mo=1.7*10**19
NP1:Strike= 90 Dip=72 Slip= -2
NP2: 180 88 -162

09 07 55 39.58 43.905N 147.916E 33km
6.5mb (134 obs.) 7.1Msz (57 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 28 Dip=77 Slip= 90
NP2: 208 13 90
Principal Axes:
T Plg=58 Azm=298
P 32 118
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 37 Focal mech. F
Energy 6.3±0.9*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 43 No. of sta: 18
Principal Axes:
Scale 10**19 Nm
T Val= 5.70 Plg=63 Azm=293
N 0.24 2 28
P -5.95 27 119
Best Double Couple:Mo=5.8*10**19
NP1:Strike=215 Dip=18 Slip= 98
NP2: 27 72 87
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 63S,178C M.W.: 60S,153C
Centroid Location:
Origin Time 07:55:49.4 0.1
Lat 43.87N 0.00 Lon 147.96E 0.01
Dep 33.2 0.3 Half-duration 10.8
Principal Axes:
Scale 10**19 Nm
T Val= 9.21 Plg=63 Azm=294
N 0.33 5 33
P -9.54 27 125
Best Double Couple:Mo=9.4*10**19
NP1:Strike=227 Dip=19 Slip= 104
NP2: 31 72 85

09 12 24 22.85 43.883N 147.341E 46km
5.8mb (148 obs.) 5.5Msz (19 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 50 Dip=55 Slip= 80
NP2: 247 36 104
Principal Axes:
T Plg=77 Azm=286
P 9 147
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small strike-slip component. The preferred fault plane is not determined.

09 20 25 08.52 43.843N 147.967E 35km
5.4mb (105 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 20:25: 9.5 1.6
Lat 43.92N 0.18 Lon 149.05E 0.18
Dep 35.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.45 Plg=82 Azm=337
N 1.11 5 210
P -6.56 6 120
Best Double Couple:Mo=6.0*10**16
NP1:Strike=204 Dip=39 Slip= 82
NP2: 34 52 96

10 14 07 57.31 36.063N 100.159E 33km
5.0mb (46 obs.)
QINGHAI, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 29C
Centroid Location:
Origin Time 14:08: 5.3 0.9
Lat 36.13N 0.09 Lon 100.18E 0.10
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.39 Plg=77 Azm=321
N -0.94 13 133
P -4.45 2 223
Best Double Couple:Mo=4.9*10**16
NP1:Strike=327 Dip=45 Slip= 109
NP2: 121 48 72

10 14 27 22.33 5.360S 150.122E 194km
5.0mb (27 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 14:27:29.5 0.7
Lat 5.37S FIX;Lon 150.13E FIX
Dep 178.0 3.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.97 Plg= 3 Azm=343
N 1.70 4 73
P -6.66 85 212
Best Double Couple:Mo=5.8*10**16
NP1:Strike= 68 Dip=42 Slip= -96
NP2: 257 49 -85

10 21 06 53.74 51.484N 173.897W 33km
5.6mb (109 obs.) 5.2Msz (48 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, 97C
Centroid Location:
Origin Time 21:06:55.7 0.2
Lat 51.48N 0.02 Lon 173.90W 0.03
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 3.61 Plg=62 Azm=325
N 0.03 4 63
P -3.63 27 154
Best Double Couple:Mo=3.6*10**17
NP1:Strike=254 Dip=18 Slip= 102
NP2: 61 72 86

11 01 37 20.37 32.100S 71.447W 47km
5.7mb (70 obs.) 5.4Msz (18 obs.)
NEAR COAST OF CENTRAL CHILE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=70 Slip= 140
NP2: 281 53 25
Principal Axes:
T Plg=42 Azm=132
P 11 232
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 1.1±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 57 No. of sta: 19
Principal Axes:

Scale 10**17 Nm
T Val= 5.25 Plg=47 Azm=125
N 0.06 42 315
P -5.31 5 220
Best Double Couple:Mo=5.3*10**17
NP1:Strike=275 Dip=54 Slip= 34
NP2: 163 63 139
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 62S,124C
Centroid Location:
Origin Time 01:37:25.1 0.1
Lat 32.22S 0.02 Lon 71.91W 0.02
Dep 57.8 1.6 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.41 Plg=55 Azm=108
N -1.44 26 332
P -3.97 21 232
Best Double Couple:Mo=4.7*10**17
NP1:Strike=284 Dip=33 Slip= 37
NP2: 162 71 118

11 17 08 03.18 11.444S 166.196E 50km
5.0mb (15 obs.) 4.9Msz (1 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, 79C
Centroid Location:
Origin Time 17:08: 6.6 0.2
Lat 11.53S 0.02 Lon 165.96E 0.02
Dep 52.5 1.5 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.45 Plg=79 Azm=321
N 0.04 10 172
P -1.49 6 81
Best Double Couple:Mo=1.5*10**17
NP1:Strike=160 Dip=40 Slip= 75
NP2: 0 52 102

12 01 55 45.43 22.731N 143.900E 32km
5.2mb (39 obs.)
VOLCANO ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 20C
Centroid Location:
Origin Time 01:55:47.8 0.9
Lat 23.16N 0.12 Lon 143.93E 0.15
Dep 21.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.03 Plg=34 Azm=220
N -0.87 9 317
P -5.16 54 59
Best Double Couple:Mo=5.6*10**16
NP1:Strike=276 Dip=14 Slip=-132
NP2: 138 80 -81

12 06 02 49.90 13.765N 124.538E 27km
5.5mb (75 obs.) 5.7Msz (19 obs.)
LUZON, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S,119C
Centroid Location:
Origin Time 06:02:52.9 0.2
Lat 13.94N 0.02 Lon 124.67E 0.02
Dep 20.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 9.03 Plg=58 Azm=252
N -0.20 3 157
P -8.83 32 65
Best Double Couple:Mo=8.9*10**17
NP1:Strike=142 Dip=13 Slip= 75
NP2: 338 77 93

12 06 43 39.73 13.773N 124.529E 16km
5.8mb (104 obs.) 6.1Msz (46 obs.)
LUZON, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=340 Dip=78 Slip= 90
NP2: 160 12 90
Principal Axes:
T Plg=57 Azm=250
P 33 70
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 3.3±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 10
Principal Axes:
Scale 10**18 Nm
T Val= 3.84 Plg=58 Azm=264
N 0.47 9 159
P -4.31 30 64
Best Double Couple:Mo=4.1*10**18
NP1:Strike=128 Dip=17 Slip= 58
NP2: 342 76 99
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 58S,147C M.W.: 47S, 75C
Centroid Location:
Origin Time 06:43:47.6 0.1
Lat 13.89N 0.01 Lon 124.82E 0.01
Dep 22.0 BDY Half-duration 4.0
Principal Axes:
Scale 10**18 Nm
T Val= 4.31 Plg=63 Azm=262
N 0.04 5 163
P -4.35 26 70
Best Double Couple:Mo=4.3*10**18
NP1:Strike=149 Dip=19 Slip= 75
NP2: 344 72 95

12 10 33 22.08 51.605N 173.770W 33km
5.1mb (80 obs.) 4.8Msz (10 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 23C
Centroid Location:
Origin Time 10:33:22.1 0.8
Lat 51.31N 0.09 Lon 173.95W 0.15
Dep 32.8 6.5 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11.98 Plg=59 Azm=304
N -3.07 7 46
P -8.91 30 140
Best Double Couple:Mo=1.0*10**17
NP1:Strike=251 Dip=16 Slip= 117
NP2: 44 75 83

12 16 43 27.03 6.936S 155.781E 49km
5.5mb (45 obs.) 5.2Msz (31 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 57S, 93C
Centroid Location:
Origin Time 16:43:31.7 0.1
Lat 7.19S 0.01 Lon 155.80E 0.02
Dep 49.2 1.3 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.32 Plg=85 Azm= 19
N 0.02 2 135
P -2.34 4 226
Best Double Couple:Mo=2.3*10**17
NP1:Strike=318 Dip=41 Slip= 93
NP2: 134 49 87

13 05 04 24.98 1.212S 127.912E 11km
6.1mb (73 obs.) 6.3Msz (44 obs.)
HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 7 Dip=90 Slip=-175
NP2: 277 85 -360
Principal Axes:
T Plg= 4 Azm=142
P 4 232
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: 10 Focal mech. F
Energy 9.4±2.1*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 16
Principal Axes:
Scale 10**18 Nm
T Val= 4.62 Plg=11 Azm=134
N -0.02 78 335
P -4.60 4 225
Best Double Couple:Mo=4.6*10**18
NP1:Strike=270 Dip=79 Slip= 5
NP2: 179 85 169
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 66S,157C M.W.: 59S,120C
Centroid Location:
Origin Time 05:04:30.6 0.1
Lat 1.13S 0.01 Lon 127.94E 0.01
Dep 18.7 0.6 Half-duration 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 5.51 Plg= 7 Azm=312
N -0.73 79 86
P -4.78 8 221
Best Double Couple:Mo=5.1*10**18
NP1:Strike=357 Dip=79 Slip=-180
NP2: 267 90 -11

13 12 03 18.52 43.406N 146.840E 33km
5.3mb (90 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 12C
Centroid Location:
Origin Time 12:03:23.6 0.9
Lat 43.38N FIX;Lon 146.86E FIX
Dep 53.511.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.41 Plg=46 Azm= 28
N 2.30 36 248
P -8.71 21 141
Best Double Couple:Mo=7.6*10**16
NP1:Strike=188 Dip=40 Slip= 24
NP2: 79 75 128

13 22 23 10.20 42.989N 148.218E 33km
5.1mb (61 obs.) 5.0Msz (31 obs.)
OFF COAST OF HOKKAIDO, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 21C
Centroid Location:
Origin Time 22:23:14.4 1.1
Lat 42.98N 0.11 Lon 148.74E 0.16
Dep 36.3 7.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.50 Plg=65 Azm=221
N -1.32 25 41
P -4.18 0 131
Best Double Couple:Mo=4.8*10**16
NP1:Strike=243 Dip=50 Slip= 123
NP2: 18 50 57

14 10 16 32.98 22.397N 121.640E 141km
5.1mb (34 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 24C
Centroid Location:
Origin Time 10:16:33.0 0.4
Lat 22.48N 0.06 Lon 121.73E 0.08
Dep 138.3 3.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.80 Plg=31 Azm=300
N 1.08 17 40
P -8.87 54 156
Best Double Couple:Mo=8.3*10**16
NP1:Strike=348 Dip=21 Slip=-144
NP2: 224 78 -72

15 00 39 25.49 3.804S 152.148E 9km
5.6mb (46 obs.) 6.1Msz (55 obs.)
NEW IRELAND REGION, P.N.G.
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 9.1±1.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 1.70 Plg= 5 Azm=168
N 0.13 82 37
P -1.83 6 259
Best Double Couple:Mo=1.8*10**18
NP1:Strike=303 Dip=82 Slip= 0
NP2: 34 90 -172
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN

L.P.B.: 62S,137C M.W.: 40S, 58C
Centroid Location:
Origin Time 00:39:33.6 0.1
Lat 3.67S 0.01 Lon 152.06E 0.01
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.69	13	171
N	-0.18	76	341
P	-1.51	2	80

Best Double Couple:Mo=1.6*10**18
NP1:Strike=215 Dip=79 Slip= 172
NP2: 306 82 11

15 06 48 00.20 58.823S 158.601E 33km
4.9mb (4 obs.) 5.0Msz (2 obs.)
MACQUARIE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 54C
Centroid Location:
Origin Time 06:48: 6.9 0.3
Lat 58.49S 0.04 Lon 158.15E 0.06
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.33	67	343
N	2.70	20	130
P	-13.03	11	224

Best Double Couple:Mo=1.2*10**17
NP1:Strike=338 Dip=38 Slip= 123
NP2: 118 59 67

16 00 06 49.14 9.297S 75.775W 128km
5.4mb (94 obs.)
CENTRAL PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=55 Slip= -90
NP2: 165 35 -90
Principal Axes:

	Plg=	Azm=
T	10	75
P	80	255

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 126 No. of sta: 14
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.93	0	53
N	-0.91	30	144
P	-2.02	60	323

Best Double Couple:Mo=2.5*10**17
NP1:Strike=117 Dip=52 Slip=-129
NP2: 350 52 -51
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S, 78C
Centroid Location:
Origin Time 00:06:54.2 0.2
Lat 9.21S 0.02 Lon 75.57W 0.03
Dep 139.2 0.9 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.54	7	56
N	-0.29	15	148
P	-2.25	73	301

Best Double Couple:Mo=2.4*10**17
NP1:Strike=129 Dip=40 Slip=-114
NP2: 339 54 -71

16 05 10 00.93 45.749N 149.167E 117km
6.4mb (135 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 51 Dip=64 Slip= 162
NP2: 149 74 27
Principal Axes:

	Plg=	Azm=
T	30	12
P	7	278

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined. Double event. Mechanism for second event appears to have a larger slip vector.
RADIATED ENERGY
No. of sta: 26 Focal mech. F
Energy 3.4±0.6*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 112 No. of sta: 45
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.31	31	23
N	-0.09	48	154
P	-1.22	26	276

Best Double Couple:Mo=1.3*10**19
NP1:Strike= 57 Dip=48 Slip= 176
NP2: 150 87 42
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 62S,164C M.W.: 58S,135C
Centroid Location:
Origin Time 05:10: 6.6 0.1
Lat 45.78N 0.01 Lon 149.32E 0.01
Dep 121.1 0.4 Half-duration 5.6
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	1.33	24	17
N	0.08	58	152
P	-1.41	20	278

Best Double Couple:Mo=1.4*10**19
NP1:Strike= 57 Dip=58 Slip= 177
NP2: 148 88 32

16 17 04 05.91 3.620S 152.004E 33km
4.6mb (5 obs.) 4.7Msz (1 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 17:04: 9.9 0.8
Lat 3.60S 0.09 Lon 152.22E 0.09
Dep 36.3 9.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.41	11	4
N	-0.01	78	154
P	-5.40	6	272

Best Double Couple:Mo=5.4*10**16
NP1:Strike= 48 Dip=78 Slip= 177
NP2: 138 87 12

16 17 56 28.67 3.614S 151.998E 33km
4.6mb (9 obs.) 4.7Msz (3 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 17:56:31.2 0.7
Lat 3.70S 0.09 Lon 152.09E 0.09
Dep 17.5 9.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.72	23	358
N	-1.08	64	206
P	-6.64	11	93

Best Double Couple:Mo=7.2*10**16
NP1:Strike=138 Dip=65 Slip= 9
NP2: 44 82 155

17 13 54 59.93 43.493N 146.892E 33km
5.5mb (93 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 14C
Centroid Location:
Origin Time 13:55: 6.8 0.8
Lat 43.43N FIX;Lon 146.94E FIX
Dep 21.1 9.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.05	38	26
N	0.42	50	227
P	-6.47	11	124

Best Double Couple:Mo=6.3*10**16
NP1:Strike=172 Dip=55 Slip= 22
NP2: 69 72 143

17 19 25 53.55 5.888S 154.618E 146km
5.4mb (53 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 32C
Centroid Location:
Origin Time 19:25:51.4 0.7
Lat 6.30S 0.06 Lon 154.66E 0.07
Dep 136.4 2.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.05	78	75
N	0.46	3	331
P	-9.51	12	240

Best Double Couple:Mo=9.3*10**16
NP1:Strike=326 Dip=33 Slip= 84
NP2: 153 57 94

18 03 07 36.23 13.286N 89.197W 84km
5.0mb (88 obs.)
EL SALVADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 55C
Centroid Location:
Origin Time 03:07:34.4 0.3
Lat 12.94N 0.03 Lon 89.56W 0.03
Dep 45.4 2.6 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.29	28	25
N	0.36	0	295
P	-12.65	62	205

Best Double Couple:Mo=1.2*10**17
NP1:Strike=116 Dip=17 Slip= -89
NP2: 295 73 -90

18 08 30 51.12 33.235S 176.679W 33km
5.0mb (8 obs.) 4.6Msz (1 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 11C
Centroid Location:
Origin Time 08:30:55.0 1.3
Lat 33.06S FIX;Lon 176.70W FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.96	19	287
N	1.75	45	37
P	-6.71	39	181

Best Double Couple:Mo=5.8*10**16
NP1:Strike=331 Dip=48 Slip=-163
NP2: 230 78 -43

18 10 42 55.49 43.439N 147.329E 33km
5.5mb (100 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 10:43: 2.3 0.7
Lat 43.23N 0.07 Lon 147.24E 0.09
Dep 49.3 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.68	50	20
N	-1.19	38	221
P	-6.49	11	123

Best Double Couple:Mo=7.1*10**16
NP1:Strike=176 Dip=48 Slip= 34
NP2: 62 66 132

18 17 12 50.92 43.576N 147.097E 60km
6.2mb (149 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 53 Dip=90 Slip= 90
NP2: 90 0 360
Principal Axes:

	Plg=	Azm=
T	45	323
P	45	143

Comment: The focal mechanism is poorly controlled and corresponds to vertical faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 1.6±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 61 No. of sta: 34
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.37	47	328
N	0.04	16	221
P	-6.41	39	118

Best Double Couple:Mo=6.4*10**17

NP1:Strike=147 Dip=16 Slip= 15
NP2: 42 86 106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S,104C M.W.: 12S, 13C
Centroid Location:
Origin Time 17:12:53.8 0.2
Lat 43.70N 0.02 Lon 147.32E 0.03
Dep 82.6 1.8 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 8.27 Plg=40 Azm=332
N -1.75 34 209
P -6.52 32 94
Best Double Couple:Mo=7.4*10**17
NP1:Strike=128 Dip=34 Slip= 7
NP2: 32 86 124

19 09 47 09.19 5.129S 151.808E 54km
5.2mb (25 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, 72C
Centroid Location:
Origin Time 09:47:15.3 0.3
Lat 5.16S 0.04 Lon 152.13E 0.04
Dep 40.9 2.3 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11.38 Plg=64 Azm= 23
N 2.81 18 252
P -14.20 19 156
Best Double Couple:Mo=1.3*10**17
NP1:Strike=219 Dip=31 Slip= 53
NP2: 80 66 110

19 12 54 08.40 9.521S 159.453E 5km
4.7mb (9 obs.) 4.8Msz (1 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 33C
Centroid Location:
Origin Time 12:54:13.6 0.5
Lat 9.34S 0.07 Lon 159.35E 0.07
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.74 Plg=59 Azm= 77
N 0.00 0 347
P -1.74 31 257
Best Double Couple:Mo=1.7*10**17
NP1:Strike=346 Dip=14 Slip= 90
NP2: 167 76 90

19 17 55 23.66 22.433N 118.715E 16km
5.2mb (26 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 17:55:23.5 0.9
Lat 22.36N 0.09 Lon 118.48E 0.14
Dep 16.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.88 Plg= 6 Azm=352
N -0.41 13 83
P -3.48 76 239
Best Double Couple:Mo=3.7*10**16
NP1:Strike= 67 Dip=41 Slip=-110
NP2: 274 52 -73

20 01 15 16.18 39.187S 70.811W 162km
5.8mb (62 obs.)
SOUTHERN ARGENTINA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=347 Dip=85 Slip= 90
NP2: 167 5 90
Principal Axes:
T Plg=50 Azm=257
P 40 77
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 6 Focal mech. M
Energy 3.1±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 168 No. of sta: 18
Principal Axes:
Scale 10**17 Nm
T Val= 9.97 Plg=46 Azm=233
N -0.60 20 346
P -9.36 37 92
Best Double Couple:Mo=9.7*10**17
NP1:Strike=241 Dip=21 Slip= 167
NP2: 344 85 70
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 59S,125C
Centroid Location:
Origin Time 01:15:20.5 0.1
Lat 39.19S 0.01 Lon 70.80W 0.02
Dep 170.2 0.4 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.40 Plg=48 Azm=238
N 0.32 14 344
P -9.72 39 86
Best Double Couple:Mo=9.6*10**17
NP1:Strike=234 Dip=15 Slip= 161
NP2: 343 85 76

20 04 05 33.26 21.917S 175.058W 33km
5.2mb (25 obs.) 5.1Msz (29 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 69C
Centroid Location:
Origin Time 04:05:38.5 0.2
Lat 21.91S 0.04 Lon 174.48W 0.03
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.11 Plg=63 Azm=332
N 0.03 17 206
P -2.14 21 109
Best Double Couple:Mo=2.1*10**17
NP1:Strike=173 Dip=28 Slip= 53
NP2: 33 68 108

20 05 03 03.31 3.258S 146.657E 33km
4.8mb (6 obs.) 4.8Msz (1 obs.)
BISMARCK SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 47C
Centroid Location:
Origin Time 05:03: 7.0 0.5
Lat 3.31S 0.06 Lon 146.74E 0.05
Dep 25.6 5.3 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.52 Plg=25 Azm=127
N -0.29 65 299
P -1.23 3 35
Best Double Couple:Mo=1.4*10**17
NP1:Strike=168 Dip=70 Slip= 164
NP2: 264 75 20

21 05 06 21.08 36.391N 69.708E 47km
5.4mb (93 obs.) 5.3Msz (38 obs.)
HINDU KUSH REGION, AFGHANISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 65C
Centroid Location:
Origin Time 05:06:25.2 0.3
Lat 36.50N 0.06 Lon 68.97E 0.04
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.92 Plg=56 Azm=177
N 0.03 27 38
P -1.95 19 298
Best Double Couple:Mo=1.9*10**17
NP1:Strike=352 Dip=35 Slip= 38
NP2: 229 69 119

21 11 36 51.15 1.256S 127.705E 10km
5.1mb (5 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 17C
Centroid Location:
Origin Time 11:36:53.4 0.9
Lat 0.85S 0.15 Lon 127.87E 0.15
Dep 38.811.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.05 Plg=25 Azm=141
N -2.18 65 311
P -7.86 4 49
Best Double Couple:Mo=8.9*10**16
NP1:Strike=183 Dip=70 Slip= 165
NP2: 278 76 21

22 03 16 53.16 7.772N 127.562E 33km
5.1mb (24 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 13C
Centroid Location:
Origin Time 03:16:54.9 0.7
Lat 7.68N 0.11 Lon 127.91E 0.12
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.08 Plg= 5 Azm=239
N -0.20 19 331
P -4.88 70 135
Best Double Couple:Mo=5.0*10**16
NP1:Strike=309 Dip=43 Slip=-118
NP2: 166 53 -66

22 18 43 49.32 0.578S 127.721E 33km
4.9mb (16 obs.) 4.4Msz (2 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 32C
Centroid Location:
Origin Time 18:43:50.0 0.6
Lat 0.47S 0.07 Lon 127.79E 0.07
Dep 35.6 5.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.11 Plg=17 Azm=150
N -3.73 68 290
P -5.38 13 56
Best Double Couple:Mo=7.2*10**16
NP1:Strike=192 Dip=68 Slip= 177
NP2: 283 87 22

24 00 24 46.56 43.259N 148.037E 45km
5.3mb (94 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 27C
Centroid Location:
Origin Time 00:24:47.9 0.5
Lat 43.17N 0.07 Lon 147.85E 0.07
Dep 34.0 5.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.25 Plg=29 Azm=355
N 1.08 49 225
P -9.33 26 101
Best Double Couple:Mo=8.8*10**16
NP1:Strike=139 Dip=49 Slip= 3
NP2: 47 88 139

24 02 02 20.90 4.594N 127.991E 69km
5.2mb (32 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 16C
Centroid Location:
Origin Time 02:02:24.7 1.7
Lat 5.23N 0.12 Lon 127.57E 0.15
Dep 54.712.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.80 Plg=29 Azm=171
N 0.17 35 284
P -4.97 42 52
Best Double Couple:Mo=4.9*10**16
NP1:Strike=210 Dip=36 Slip=-167
NP2: 109 82 -55

24 04 44 34.60 16.728S 172.835W 33km
4.7mb (9 obs.) 4.7Msz (3 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 15C
Centroid Location:
Origin Time 04:44:33.7 1.1
Lat 16.61S 0.17 Lon 172.81W 0.13

Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.63 Plg=45 Azm=132
N 3.87 3 39
P -13.50 45 305
Best Double Couple:Mo=1.2*10**17
NP1:Strike=313 Dip= 3 Slip= 5
NP2: 219 90 93

24 19 26 27.95 43.084N 147.096E 57km
5.7mb (120 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 61C
Centroid Location:
Origin Time 19:26:30.8 0.3
Lat 43.02N 0.04 Lon 146.97E 0.04
Dep 55.2 3.6 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 13.73 Plg=58 Azm=334
N 0.48 15 219
P -14.21 28 121
Best Double Couple:Mo=1.4*10**17
NP1:Strike=178 Dip=22 Slip= 46
NP2: 44 75 105

25 00 54 34.30 36.359N 70.957E 239km
5.9mb (137 obs.)
HINDU KUSH REGION, AFGHANISTAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=265 Dip=40 Slip= 105
NP2: 66 52 78
Principal Axes:
T Plg=79 Azm=286
P 6 164
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small strike-slip component. The preferred fault plane is not determined. Two events; focal mechanism based on second event.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 3.3±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 242 No. of sta: 23
Principal Axes:
Scale 10**18 Nm
T Val= 1.00 Plg=81 Azm=267
N 0.03 9 94
P -1.03 1 4
Best Double Couple:Mo=1.0*10**18
NP1:Strike= 85 Dip=45 Slip= 77
NP2: 282 47 102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 62S,127C
Centroid Location:
Origin Time 00:54:39.4 0.2
Lat 36.25N 0.02 Lon 71.00E 0.02
Dep 258.3 1.1 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 8.67 Plg=76 Azm=285
N -1.84 13 76
P -6.82 7 168
Best Double Couple:Mo=7.7*10**17
NP1:Strike=272 Dip=40 Slip= 110
NP2: 67 53 74

25 04 37 45.07 1.830N 126.023E 41km
5.2mb (31 obs.) 4.7Msz (5 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, 84C
Centroid Location:
Origin Time 04:37:53.1 0.2
Lat 2.44N 0.03 Lon 126.32E 0.03
Dep 44.5 2.0 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.75 Plg=76 Azm=180
N 0.28 9 47
P -2.03 10 315
Best Double Couple:Mo=1.9*10**17
NP1:Strike= 34 Dip=36 Slip= 74
NP2: 234 55 102

25 13 30 26.81 43.771N 147.698E 35km
5.5mb (104 obs.) 4.8Msz (41 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 64C
Centroid Location:
Origin Time 13:30:30.8 0.2
Lat 43.77N 0.03 Lon 147.86E 0.04
Dep 36.9 2.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.42 Plg=72 Azm=288
N 1.39 5 34
P -12.81 17 125
Best Double Couple:Mo=1.2*10**17
NP1:Strike=223 Dip=28 Slip= 100
NP2: 31 62 84

25 18 50 57.72 43.234N 147.098E 52km
5.3mb (93 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 29C
Centroid Location:
Origin Time 18:51: 3.8 0.6
Lat 42.94N 0.08 Lon 146.64E 0.06
Dep 61.4 5.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.30 Plg=68 Azm=191
N 2.77 22 11
P -7.07 0 101
Best Double Couple:Mo=5.7*10**16
NP1:Strike=212 Dip=49 Slip= 120
NP2: 350 49 60

25 21 00 39.92 27.523S 63.216W 573km
5.1mb (72 obs.)
SANTIAGO DEL ESTERO PROV., ARG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 35C
Centroid Location:
Origin Time 21:00:46.3 0.4
Lat 27.32S 0.05 Lon 63.19W 0.03
Dep 580.7 2.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11.44 Plg=18 Azm=255
N 0.72 20 158
P -12.16 63 24
Best Double Couple:Mo=1.2*10**17
NP1:Strike= 13 Dip=32 Slip= -51
NP2: 149 66 -112

26 03 31 16.81 27.520S 176.909W 168km
4.9mb (17 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 69C
Centroid Location:
Origin Time 03:31: 4.9 0.3
Lat 27.52S 0.04 Lon 176.20W 0.03
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.27 Plg=70 Azm=303
N 0.13 8 191
P -1.40 19 98
Best Double Couple:Mo=1.3*10**17
NP1:Strike=175 Dip=27 Slip= 72
NP2: 14 64 99

26 13 52 32.45 43.726N 147.353E 33km
5.1mb (81 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 12C
Centroid Location:
Origin Time 13:52:33.5 1.4
Lat 43.59N 0.15 Lon 147.40E 0.16
Dep 32.211.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.72 Plg=25 Azm= 75
N 1.81 12 340
P -5.53 62 226
Best Double Couple:Mo=4.6*10**16
NP1:Strike=190 Dip=23 Slip= -57
NP2: 335 71 -103

27 09 14 35.13 25.704N 109.632W 10km
4.9mb (30 obs.)
GULF OF CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 09:14:36.5 0.8
Lat 25.56N 0.07 Lon 109.86W 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.57 Plg= 0 Azm=258
N -0.14 90 180
P -4.43 0 168
Best Double Couple:Mo=4.5*10**16
NP1:Strike=303 Dip=90 Slip=-180
NP2: 33 90 0

27 17 45 58.00 43.515N 127.427W 20km
5.6mb (93 obs.) 6.0Msz (46 obs.)
OFF COAST OF OREGON
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=205 Dip=90 Slip= 0
NP2: 115 90 180
Principal Axes:
T Plg= 0 Azm= 70
P 0 160
Comment: The focal mechanism is moderately well controlled and corresponds to right-lateral strike slip faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 2.5±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 7
Principal Axes:
Scale 10**18 Nm
T Val= 3.13 Plg=22 Azm= 61
N 0.40 52 299
P -3.53 29 164
Best Double Couple:Mo=3.3*10**18
NP1:Strike=201 Dip=53 Slip= -5
NP2: 294 86 -142
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 59S,158C
Centroid Location:
Origin Time 17:46: 7.1 0.1
Lat 43.42N 0.01 Lon 128.11W 0.01
Dep 15.0 FIX Half-duration 3.7
Principal Axes:
Scale 10**18 Nm
T Val= 3.50 Plg= 2 Azm= 70
N -0.05 84 316
P -3.45 5 161
Best Double Couple:Mo=3.5*10**18
NP1:Strike=205 Dip=85 Slip= -2
NP2: 296 88 -175

27 22 20 28.54 25.778S 179.339E 519km
5.9mb (60 obs.)
SOUTH OF FIJI ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=85 Slip= 65
NP2: 99 25 168
Principal Axes:
T Plg=44 Azm= 85
P 35 311
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate left-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 25 Focal mech. F
Energy 3.5±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 540 No. of sta: 43
Principal Axes:
Scale 10**19 Nm
T Val= 1.00 Plg=47 Azm= 81
N 0.02 26 203
P -1.02 31 310

Best Double Couple:Mo=1.0*10**19
NP1:Strike= 91 Dip=28 Slip= 160
NP2: 198 81 64
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 71S,191C
Centroid Location:
Origin Time 22:20:37.2 0.1
Lat 25.75S 0.01 Lon 179.39E 0.01
Dep 540.6 0.5 Half-duration 5.2
Principal Axes:
Scale 10**18 Nm
T Val= 11.74 Plg=49 Azm= 92
N -0.82 20 206
P -10.91 34 310
Best Double Couple:Mo=1.1*10**19
NP1:Strike= 93 Dip=21 Slip= 158
NP2: 203 82 70

28 09 06 51.89 6.190S 154.480E 59km
5.0mb (25 obs.) 5.3Msz (8 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 79C
Centroid Location:
Origin Time 09:06:54.0 0.2
Lat 6.39S 0.02 Lon 154.45E 0.02
Dep 34.7 2.1 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 6.07 Plg=69 Azm= 5
N -0.39 10 123
P -5.68 18 216
Best Double Couple:Mo=5.9*10**17
NP1:Strike=322 Dip=28 Slip= 112
NP2: 118 64 79

28 09 11 20.05 14.537N 103.755W 33km
5.2mb (54 obs.) 5.5Msz (28 obs.)
OFF COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 94C
Centroid Location:
Origin Time 09:11:22.8 0.2
Lat 14.75N 0.02 Lon 103.90W 0.02
Dep 15.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 9.59 Plg= 7 Azm=235
N -1.62 75 352
P -7.97 13 144
Best Double Couple:Mo=8.8*10**17
NP1:Strike=280 Dip=76 Slip=-175
NP2: 189 86 -14

28 23 51 12.28 24.759N 122.208E 33km
5.5mb (74 obs.) 5.4Msz (36 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, 88C
Centroid Location:
Origin Time 23:51:10.7 0.2
Lat 24.63N 0.02 Lon 121.93E 0.02
Dep 32.7 1.5 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.95 Plg= 7 Azm=186
N -1.35 17 94
P -2.61 72 298
Best Double Couple:Mo=3.3*10**17
NP1:Strike=294 Dip=41 Slip= -63
NP2: 81 54 -111

29 04 30 20.48 23.928N 123.492E 33km
4.9mb (27 obs.) 4.4Msz (2 obs.)
SOUTHWESTERN RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 04:30:25.1 0.6
Lat 23.84N 0.08 Lon 123.15E 0.09
Dep 33.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 7.34 Plg=42 Azm=273
N 2.58 35 43
P -9.92 28 155
Best Double Couple:Mo=8.6*10**16
NP1:Strike=296 Dip=36 Slip= 166
NP2: 37 82 54

30 08 11 29.83 6.183S 129.446E 264km
5.6mb (53 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 63S,131C
Centroid Location:
Origin Time 08:11:32.4 0.2
Lat 6.24S 0.02 Lon 129.46E 0.02
Dep 253.8 0.8 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.52 Plg=21 Azm= 10
N -0.49 47 255
P -9.03 35 116
Best Double Couple:Mo=9.3*10**17
NP1:Strike=148 Dip=49 Slip= -11
NP2: 245 81 -138

31 11 48 13.92 3.019N 96.192E 29km
5.7mb (100 obs.) 6.2Msz (60 obs.)
NORTHERN SUMATERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=123 Dip=75 Slip= 90
NP2: 303 15 90
Principal Axes:
T Plg=60 Azm= 33
P 30 213
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 23 Focal mech. M
Energy 4.7±0.9*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 24 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 1.80 Plg=59 Azm= 37
N -0.01 1 305
P -1.80 31 215
Best Double Couple:Mo=1.8*10**18
NP1:Strike=301 Dip=14 Slip= 85
NP2: 126 76 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 65S,160C M.W.: 37S, 40C
Centroid Location:
Origin Time 11:48:18.3 0.1
Lat 2.63N 0.01 Lon 96.00E 0.01
Dep 37.2 0.8 Half-duration 3.1
Principal Axes:
Scale 10**18 Nm
T Val= 1.72 Plg=64 Azm= 59
N 0.28 12 304
P -1.99 23 209
Best Double Couple:Mo=1.9*10**18
NP1:Strike=276 Dip=24 Slip= 59
NP2: 129 69 103

31 17 22 54.71 15.401N 93.721W 51km
5.1mb (61 obs.) 4.8Msz (3 obs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 28C
Centroid Location:
Origin Time 17:22:57.6 0.5
Lat 15.22N 0.05 Lon 93.91W 0.05
Dep 76.8 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.57 Plg=20 Azm=225
N 1.59 16 129
P -8.16 64 4
Best Double Couple:Mo=7.4*10**16
NP1:Strike=341 Dip=28 Slip= -55
NP2: 122 67 -107

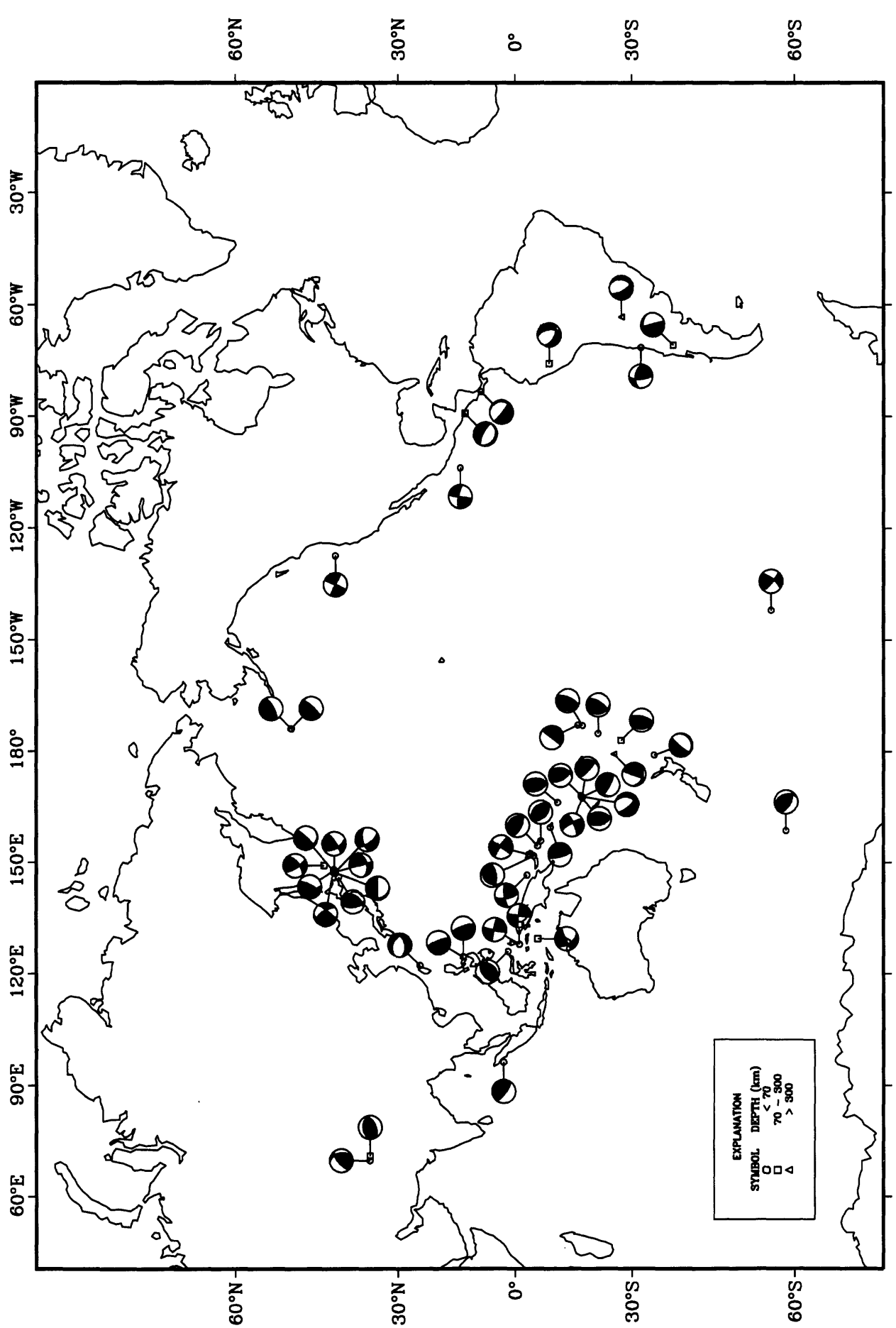
31 21 19 07.87 2.358S 138.376E 10km
5.2mb (29 obs.) 4.6Msz (8 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 31C
Centroid Location:
Origin Time 21:19:14.8 1.0
Lat 2.44S 0.10 Lon 138.13E 0.10
Dep 15.4 4.9 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.33 Plg=55 Azm=102
N -1.24 17 217
P -7.10 30 317
Best Double Couple:Mo=7.7*10**16
NP1:Strike= 87 Dip=21 Slip= 142
NP2: 213 77 73

31 22 59 26.31 9.037N 83.323W 56km
5.6mb (96 obs.)
COSTA RICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 50C
Centroid Location:
Origin Time 22:59:28.9 0.3
Lat 8.98N 0.05 Lon 83.26W 0.05
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.52 Plg=35 Azm=228
N 0.41 11 131
P -2.93 53 26
Best Double Couple:Mo=2.7*10**17
NP1:Strike= 0 Dip=14 Slip= -39
NP2: 129 81 -101

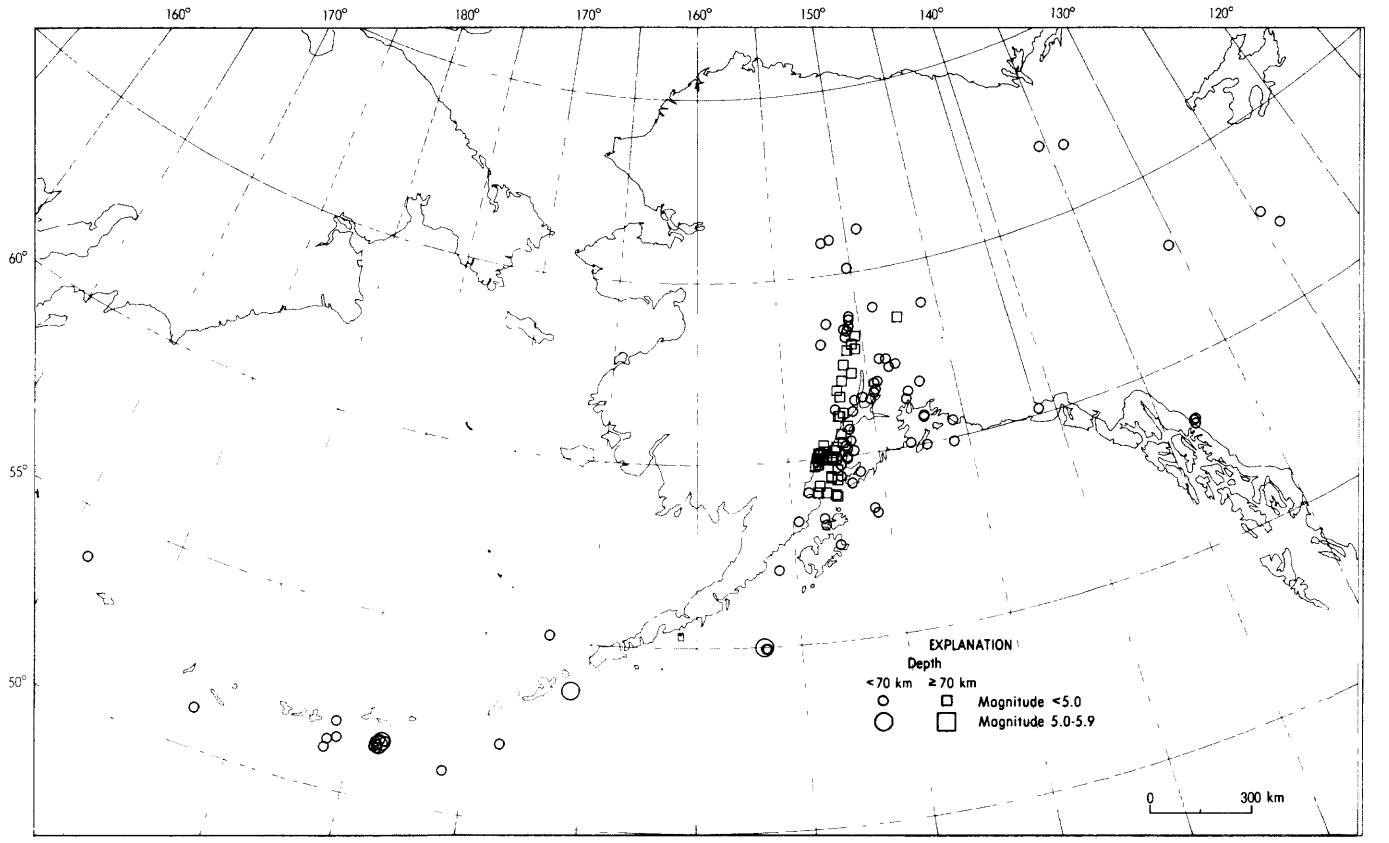
31 23 04 07.69 17.876S 172.883W 33km
5.2mb (23 obs.) 5.1Msz (4 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 57C
Centroid Location:
Origin Time 23:04:11.4 0.4
Lat 17.98S 0.04 Lon 172.61W 0.04
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.79 Plg=68 Azm=295
N 0.01 1 203
P -1.80 22 113
Best Double Couple:Mo=1.8*10**17
NP1:Strike=202 Dip=23 Slip= 88
NP2: 24 67 91

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.

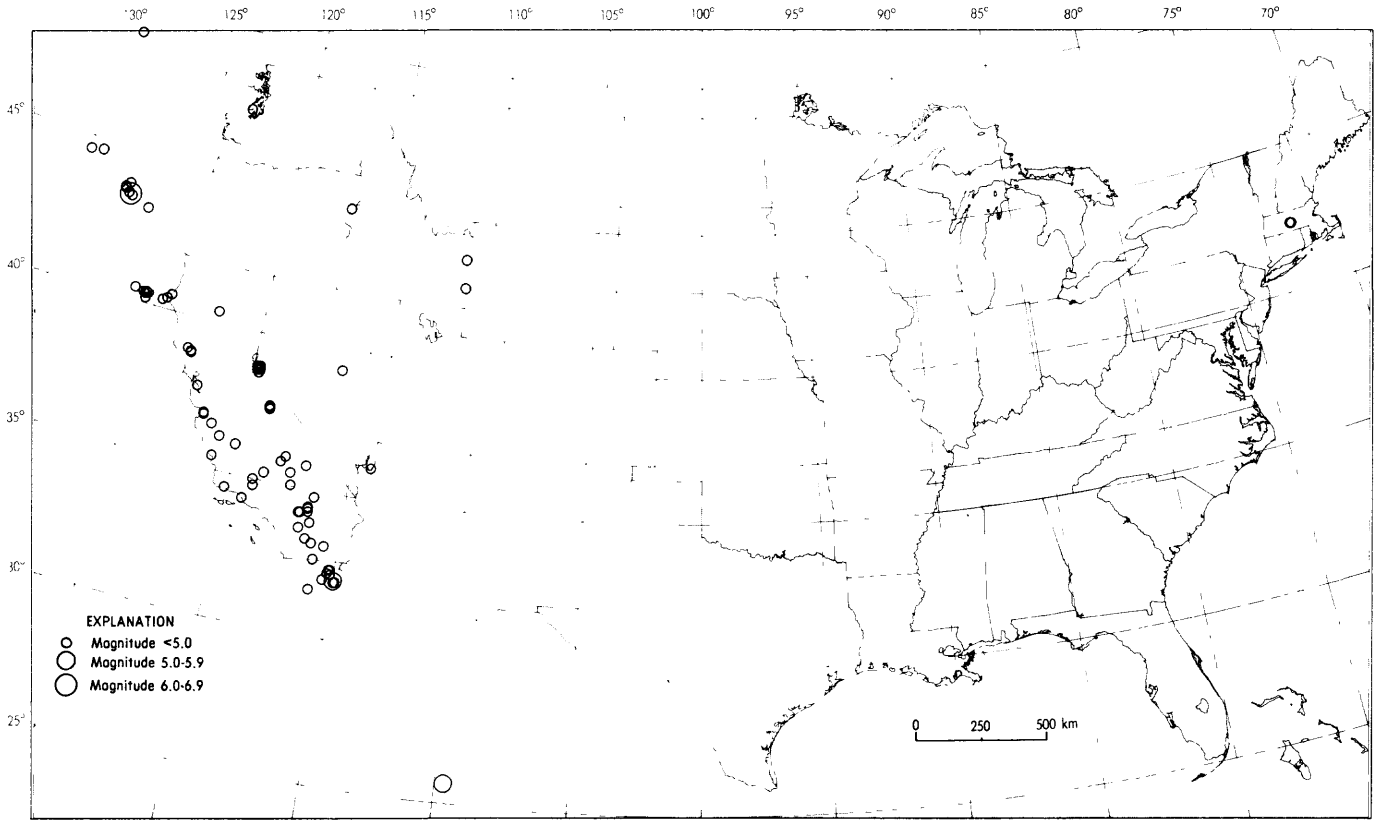
Earthquake Focal Mechanisms for October 1994



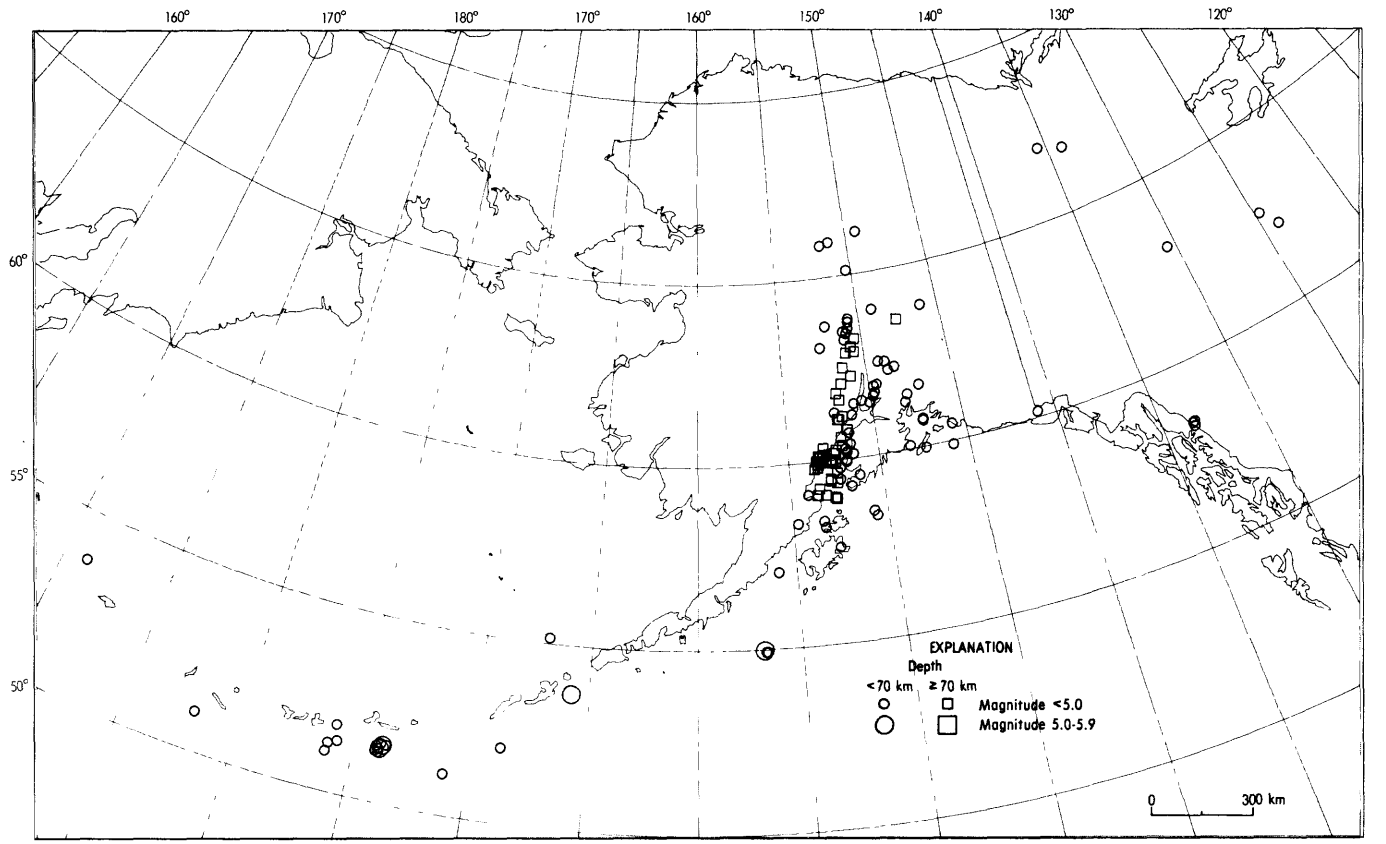
REVISED CORRECTED COPY PAGE 33 PRELIMINARY DETERMINATION OF EPICENTER—OCT. 1994



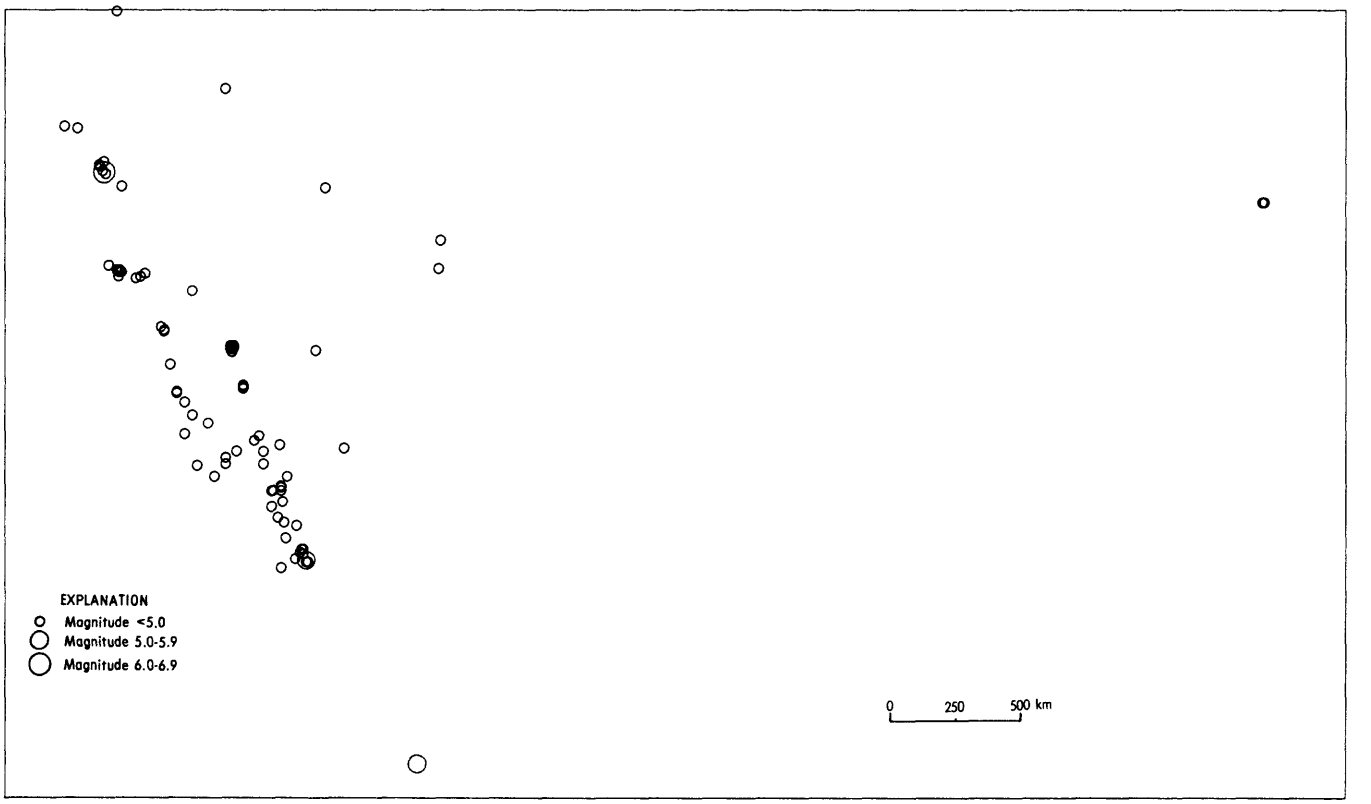
Earthquake epicenters in Alaska and adjacent regions for October, 1994



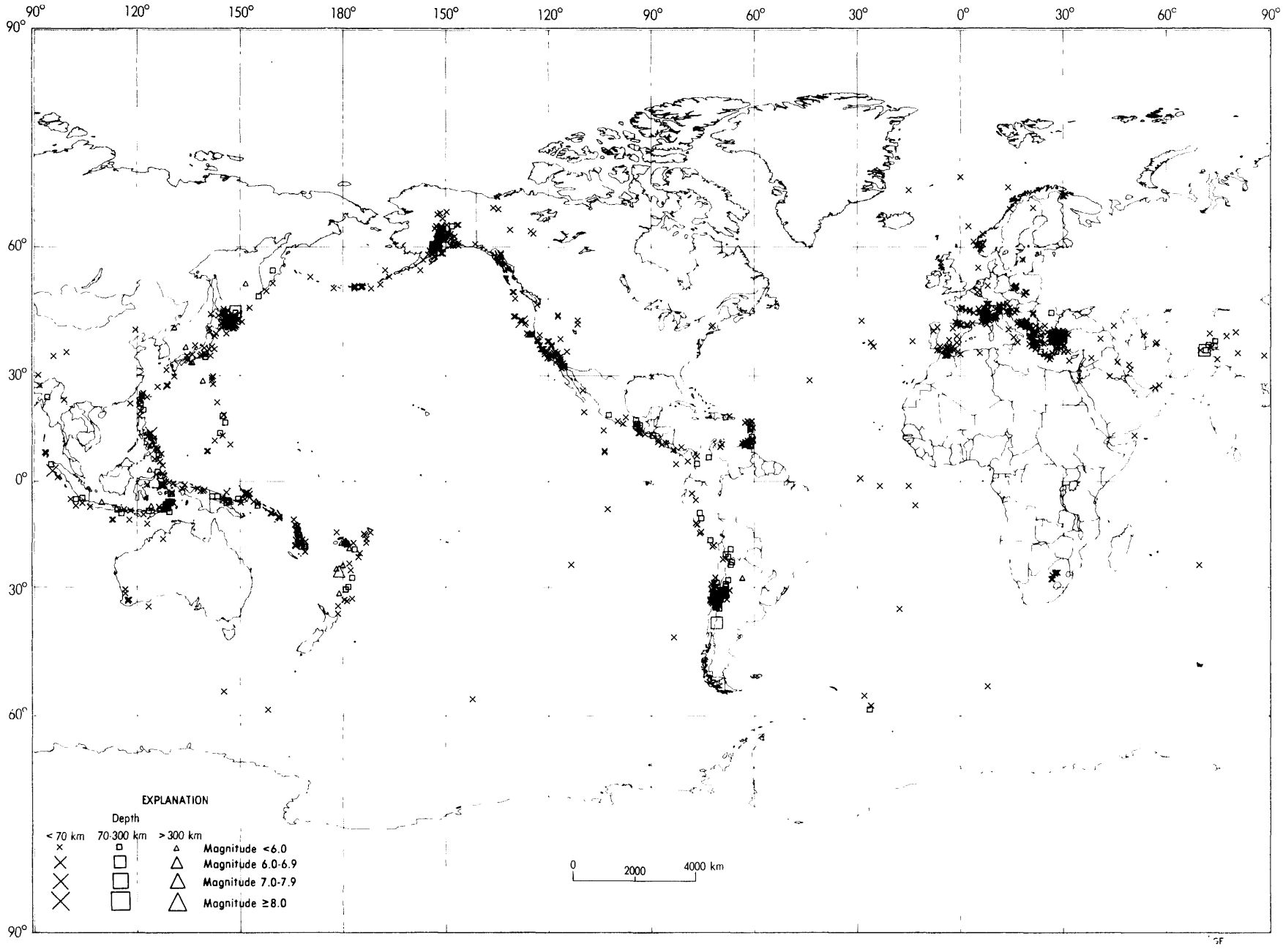
Earthquake epicenters in the conterminous United States and adjacent regions for October, 1994



Earthquake epicenters in Alaska and adjacent regions for October, 1994



Earthquake epicenters in the conterminous United States and adjacent regions for October, 1994



Earthquakes located in October, 1994

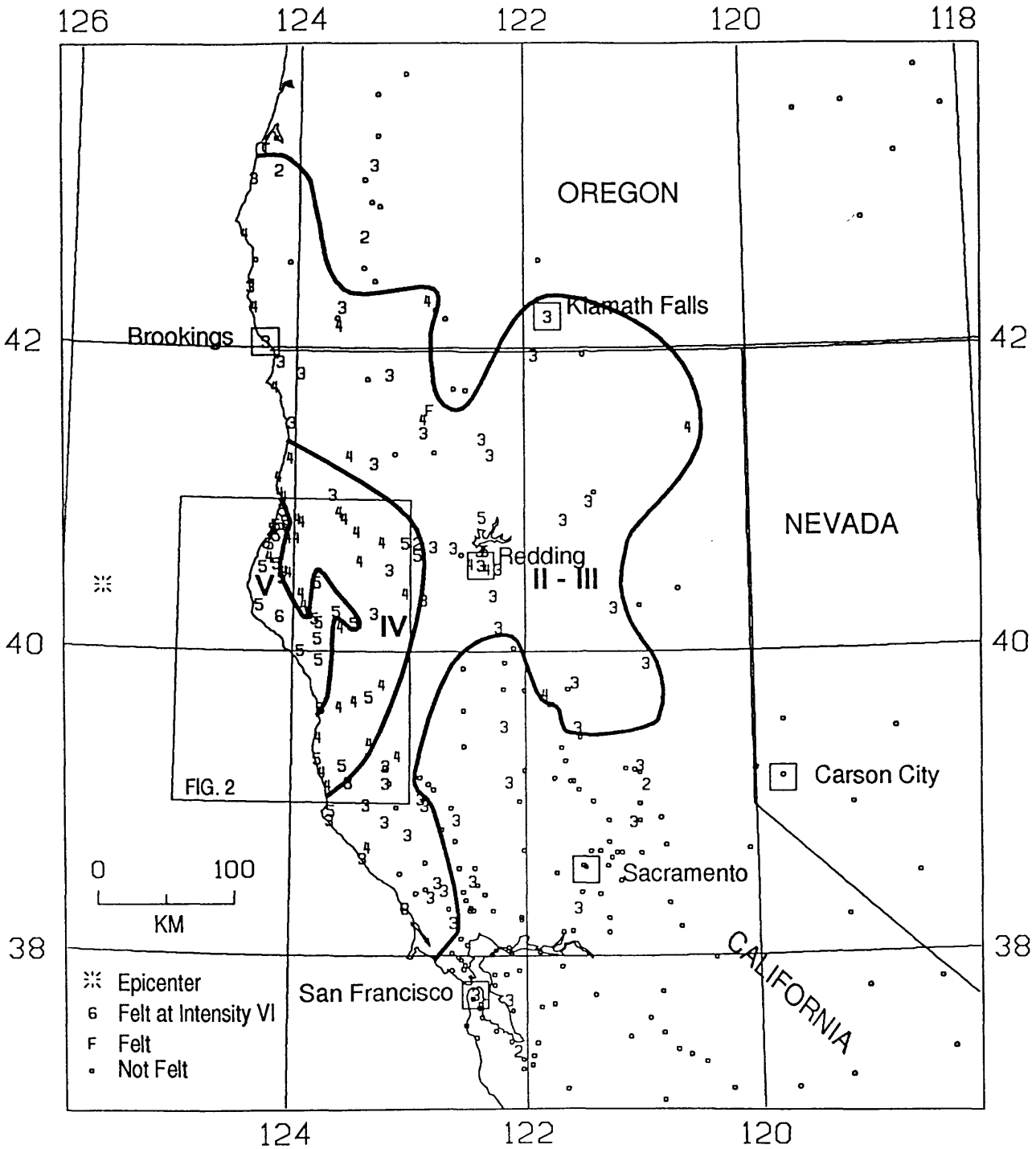


Figure 1. Isoseismal map for the earthquake of September 1, 15:15 UTC, that occurred of the coast of northern California. Roman numerals give average Modified Mercalli intensities for the regions between isoseismals; Arabic numerals represent intensities in individual communities. Squares denote towns labeled in the figure. Box labeled "FIG. 2" identifies boundaries of that figure.

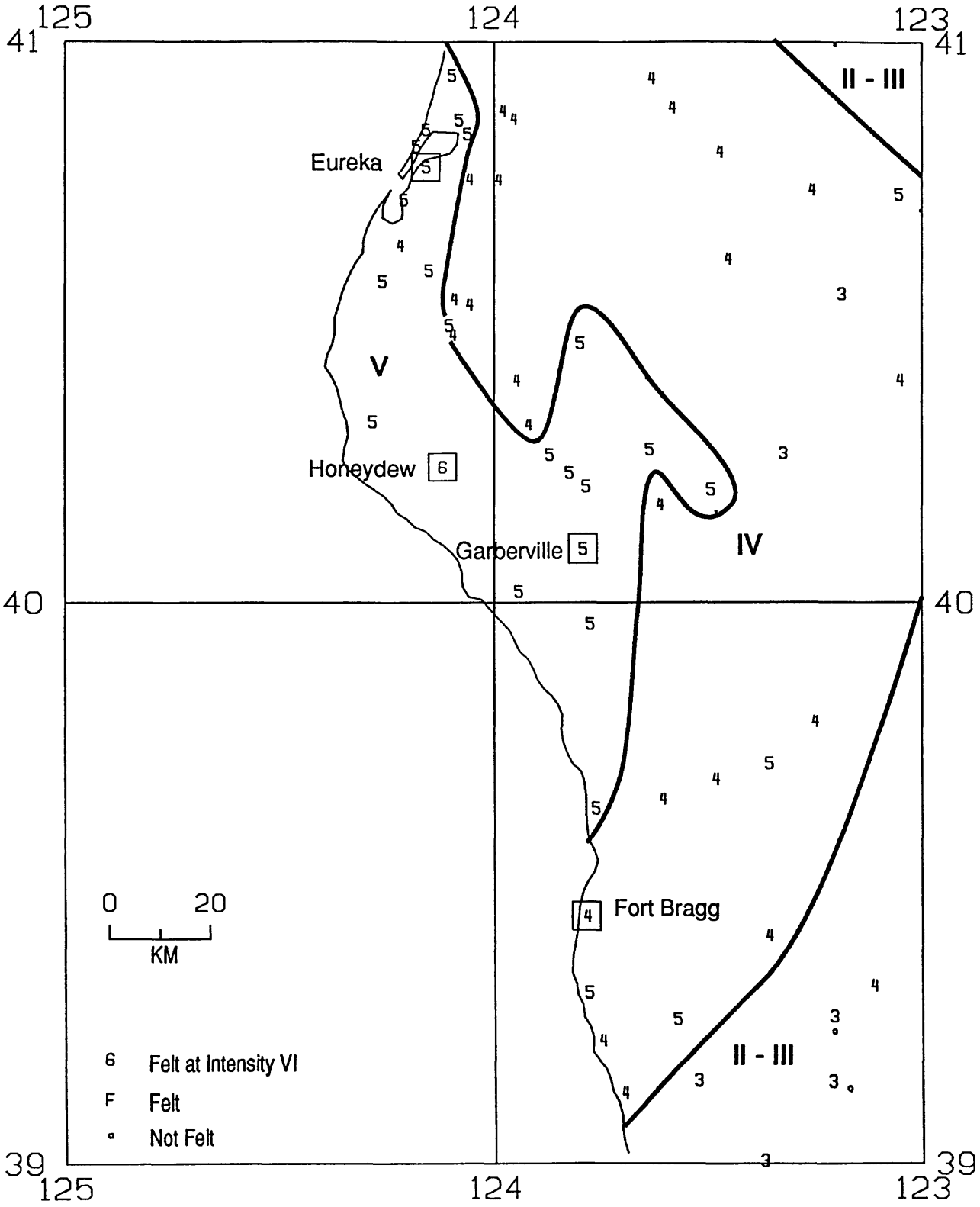


Figure 2. Distribution of Modified Mercalli intensities in the regions nearest the epicenter of the earthquake of September 1, 15:15 UTC. Roman numerals give average intensities within isoseismals. Arabic numerals represent intensities in individual communities. Squares denote towns labeled in the figure.

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