UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

JANUARY - MARCH 1996

NATIONAL EARTHQUAKE INFORMATION CENTER[1]

Open-File Report

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

JANUARY 1996

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	08	39.1	10.125	N	70.091	W	10	G	4.2		1.2	29	VENEZUELA
	01	01	10	35.2&	60.031	N	153.152	W	130					23	SOUTHERN ALASKA. <AEIC>.
	01	01	13	09.1?	43.11	N	0.31	W	10	G			0.5	4	PYRENEES. ML 2.1 (LDG), 1.5 (STR).
	01	01	33	53.7?	20.21	S	174.66	W	33	N	4.2		0.8	10	TONGA ISLANDS
a	01	01	34	16.0	20.391	S	174.234	W	33	N	5.5	5.7	1.2	168	TONGA ISLANDS. Mw 6.0 (HRV). Ms 5.7 (BRK). Mo=2.0*10**18 Nm (PPT).
	01	01	58	43.6*	11.692	N	145.225	E	33	N	4.5		0.3	11	SOUTH OF MARIANA ISLANDS
	01	02	16	44.8?	40.60	S	72.02	W	100	G	4.2		0.7	14	CENTRAL CHILE
	01	02	30	42.8*	10.786	N	86.855	W	33	N	4.4		1.3	37	OFF COAST OF COSTA RICA
	01	02	36	55.8&	42.970	N	0.581	W	10	G			1.1	12	PYRENEES. mbLg 3.5 (MDD).
	01	02	49	38.9*	29.588	N	138.851	E	33	N	4.0		1.1	9	SOUTH OF HONSHU, JAPAN
	01	03	29	55.6&	60.097	N	153.156	W	132					28	SOUTHERN ALASKA. <AEIC>.
	01	03	38	30.3*	37.168	N	71.714	E	100	G	4.0		1.1	18	AFGHANISTAN-TAJIKISTAN BORD REG.
	01	03	56	55.2*	58.203	N	142.813	W	10	G			0.6	19	GULF OF ALASKA. ML 2.6 (AEIC).
	01	04	29	05.1&	37.536	N	118.870	W	9					37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
	01	04	43	43.8	38.763	N	119.572	W	5	G			0.8	39	CALIFORNIA-NEVADA BORDER REGION. MD 3.1 (GM). ML 3.2 (BRK).
	01	05	14	54.1&	63.181	N	150.539	W	125					56	CENTRAL ALASKA. <AEIC>.
	01	05	17	58.7*	28.934	N	34.541	E	10	G			0.5	6	EGYPT. MD 3.2 (RYD).
	01	05	19	23.9&	26.435	S	65.280	W	33	N			0.8	5	TUCUMAN PROVINCE, ARGENTINA
	01	05	22	53.4*	6.248	S	148.685	E	73	*	4.3		1.2	10	NEW BRITAIN REGION, P.N.G.
	01	05	27	13.2	9.031	S	124.441	E	33	N	5.0	4.5	1.1	77	TIMOR REGION, INDONESIA
	01	05	37	38.9?	43.05	N	0.34	W	5	G			0.1	4	PYRENEES. ML 2.1 (LDG), 1.5 (STR).
	01	05	50	46.6	39.219	N	22.947	E	5	G			0.7	13	GREECE. MD 3.1 (ATH). ML 2.8 (THE).
	01	06	12	28.5*	15.079	N	60.395	W	33	N			0.3	7	LEEWARD ISLANDS. ML 2.9 (FDF).
	01	06	31	03.7?	28.94	S	68.90	W	100	G			1.4	8	LA RIOJA PROVINCE, ARGENTINA
	01	07	04	23.5?	43.04	N	0.29	W	10	G			0.0	4	PYRENEES. ML 2.3 (LDG), 1.9 (STR).
	01	07	09	09.4?	12.18	N	87.36	W	100	G	3.8		1.1	8	NEAR COAST OF NICARAGUA
	01	07	23	02.6*	43.055	N	0.323	W	10	G			0.1	5	PYRENEES. ML 2.2 (LDG), 1.9 (STR).
	01	07	46	35.5*	26.090	S	176.849	W	33	N	4.8		1.3	32	SOUTH OF FIJI ISLANDS
a	01	08	05	10.8	0.729	N	119.931	E	24	G	6.3	7.6	1.2	368	MINAHASSA PENINSULA, SULAWESI. Mw 7.8 (GS), 7.9 (HRV). Me 7.4 (GS). Ms 7.6 (BRK). Mo=2.6*10**20 Nm (PPT). At least eight people killed, one person missing and more than 350 buildings damaged in the Bangkir-Tolitoli area. A local tsunami with estimated runup heights of one to five meters contributed to the damage in the epicentral area. Two events about 2.4 seconds apart. Depth from broadband displacement seismograms, based on first event.
	01	08	44	37.2?	54.45	N	159.24	E	33	N	3.6		0.8	7	NEAR EAST COAST OF KAMCHATKA
	01	08	46	07.1	54.133	N	159.329	E	33	N	4.2		0.6	27	NEAR EAST COAST OF KAMCHATKA
	01	08	51	45.1*	43.047	N	0.331	W	10	G			0.3	5	PYRENEES. ML 2.2 (LDG), 1.8 (STR).
	01	08	57	46.0	54.070	N	159.318	E	33	N	4.8		1.1	99	NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	01	09	14	34.1	0.523	N	119.838	E	33	N	5.6		1.2	227	MINAHASSA PENINSULA, SULAWESI
	01	09	21	16.3	54.174	N	159.343	E	100	G	4.6		0.9	49	NEAR EAST COAST OF KAMCHATKA
	01	09	34	15.2&	61.448	N	149.493	W	39					44	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	01	09	38	25.4	11.233	N	61.717	W	70	G	5.4		1.2	304	WINDWARD ISLANDS. MD 5.0 (TRN). Felt (VI) on Trinidad.
	01	09	43	46.4*	54.098	N	159.141	E	33	N	4.2		0.9	14	NEAR EAST COAST OF KAMCHATKA
	01	09	48	56.3?	11.34	N	61.56	W	70	G			1.3	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	01	09	56	12.1?	37.95	N	21.26	E	33	N			0.5	4	SOUTHERN GREECE. MD 2.6 (ATH).
	01	09	57	12.9*	53.946	N	159.592	E	33	N	3.8		0.7	10	NEAR EAST COAST OF KAMCHATKA
	01	09	57	51.4	53.826	N	159.586	E	33	N	5.9	6.6	1.4	316	NEAR EAST COAST OF KAMCHATKA. Ms 6.6 (BRK). Felt (IV) at Petropavlovsk-Kamchatskiy.
	01	10	14	32.4*	54.007	N	159.242	E	33	N	4.0		0.8	12	NEAR EAST COAST OF KAMCHATKA
	01	10	20	30.6?	54.20	N	159.14	E	33	N	3.8		0.9	10	NEAR EAST COAST OF KAMCHATKA
	01	10	28	44.8&	28.787	N	34.586	E	10	G			0.4	6	EGYPT. MD 3.2 (RYD).

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01	10	29	37.6	53.900	N	159.251	E	33	N	4.8	0.9	100	NEAR EAST COAST OF KAMCHATKA
01	10	38	02.0%	18.292	N	77.813	W	10	G		0.7	6	JAMAICA REGION. MD 2.7 (HOJ).
01	10	38	45.1	53.955	N	159.361	E	33	N	4.4	0.8	39	NEAR EAST COAST OF KAMCHATKA
01	10	47	01.4%	54.141	N	159.234	E	33	N	3.8	0.4	6	NEAR EAST COAST OF KAMCHATKA
01	10	51	31.1?	54.09	N	159.41	E	33	N	3.7	0.5	8	NEAR EAST COAST OF KAMCHATKA
01	11	03	15.7	13.053	N	145.430	E	50	G	5.0	1.2	145	MARIANA ISLANDS. Felt (III) at Agana, Mangilao and Tumon, Guam.
01	11	28	01.4*	53.590	N	159.340	E	33	N	4.1	1.1	13	NEAR EAST COAST OF KAMCHATKA
01	11	37	29.6*	53.533	N	159.984	E	33	N	4.2	1.0	17	NEAR EAST COAST OF KAMCHATKA
01	11	38	24.8	6.421	S	129.993	E	150	G	4.6	1.0	30	BANDA SEA
01	11	47	04.5?	37.18	N	142.26	E	33	N	3.9	1.4	7	OFF EAST COAST OF HONSHU, JAPAN
01	11	50	45.3	53.860	N	159.229	E	33	N	4.8	1.2	88	NEAR EAST COAST OF KAMCHATKA
01	11	50	51.0	53.300	N	168.445	W	33	N	4.3	1.1	39	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
01	12	01	33.3?	54.59	N	160.93	E	33	N	3.8	1.1	7	NEAR EAST COAST OF KAMCHATKA
01	12	02	15.9*	0.971	N	120.012	E	33	N	4.5	1.3	14	MINAHASSA PENINSULA, SULAWESI
01	12	11	08.9?	54.09	N	160.43	E	33	N	3.7	1.0	10	NEAR EAST COAST OF KAMCHATKA
01	12	15	30.9?	54.33	N	158.63	E	33	N	3.8	1.1	11	KAMCHATKA
01	12	16	27.5	54.109	N	159.349	E	33	N	4.5	0.9	49	NEAR EAST COAST OF KAMCHATKA
01	12	17	32.3*	0.940	N	119.217	E	33	N	4.2	1.1	10	MINAHASSA PENINSULA, SULAWESI
01	12	20	41.3?	38.51	N	102.54	E	10	G		0.9	4	GANSU, CHINA. ML 4.0 (BJI).
01	12	21	41.6	43.189	N	13.559	E	20	G	3.6	1.2	116	CENTRAL ITALY. MD 4.2 (FIR), 4.2 (TRI), 3.8 (ROM). ML 4.1 (TTG), 4.0 (LDG), 3.7 (VIE).
01	12	22	16.9*	57.475	N	106.686	E	33	N	4.1	0.5	8	LAKE BAYKAL REGION, RUSSIA
01	12	25	16.5%	54.101	N	160.058	E	33	N	3.5	0.7	8	NEAR EAST COAST OF KAMCHATKA
01	12	30	33.8?	54.48	N	159.63	E	33	N	3.8	0.3	6	NEAR EAST COAST OF KAMCHATKA
01	12	36	24.4&	64.724	N	147.529	W	20				17	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
01	12	41	31.6*	54.064	N	159.273	E	33	N	3.9	0.7	15	NEAR EAST COAST OF KAMCHATKA
01	12	42	35.6*	54.167	N	159.434	E	33	N	4.1	0.6	19	NEAR EAST COAST OF KAMCHATKA
01	12	44	40.0?	54.19	N	159.17	E	33	N	3.7	1.2	6	NEAR EAST COAST OF KAMCHATKA
01	12	49	06.9	54.144	N	159.477	E	33	N	4.1	0.8	23	NEAR EAST COAST OF KAMCHATKA
01	12	50	08.3*	10.030	N	70.162	W	10	G		1.2	8	VENEZUELA
01	12	52	31.7*	54.028	N	159.433	E	33	N	4.1	0.7	16	NEAR EAST COAST OF KAMCHATKA
01	12	57	54.2*	53.939	N	159.579	E	33	N	4.1	0.8	15	NEAR EAST COAST OF KAMCHATKA
01	13	00	28.0*	54.059	N	159.416	E	33	N	3.9	0.9	14	NEAR EAST COAST OF KAMCHATKA
01	13	02	26.5	54.176	N	159.359	E	33	N	4.1	0.6	17	NEAR EAST COAST OF KAMCHATKA
01	13	06	36.1	11.238	N	61.434	W	33	N		0.4	9	WINDWARD ISLANDS. MD 3.3 (TRN).
01	13	22	32.9?	53.80	N	160.16	E	33	N	3.7	1.4	11	NEAR EAST COAST OF KAMCHATKA
01	13	35	55.4	54.050	N	159.376	E	33	N	4.8 5.1	1.1	119	NEAR EAST COAST OF KAMCHATKA
01	14	11	53.0	38.770	N	119.551	W	5	G		0.8	40	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS), 3.4 (BRK).
01	14	22	43.1	53.896	N	159.613	E	33	N	3.9	0.8	26	NEAR EAST COAST OF KAMCHATKA
01	14	28	48.3*	54.062	N	159.309	E	33	N	4.0	1.1	20	NEAR EAST COAST OF KAMCHATKA
01	14	42	09.6	53.972	N	159.685	E	33	N	4.3	1.1	33	NEAR EAST COAST OF KAMCHATKA
01	14	53	03.6	53.904	N	159.351	E	33	N	4.4	1.1	61	NEAR EAST COAST OF KAMCHATKA
01	14	53	12.2&	34.334	N	118.600	W	15				53	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS). Felt.
01	15	02	27.7%	54.395	N	159.851	E	33	N	3.3	1.0	15	NEAR EAST COAST OF KAMCHATKA
01	15	03	24.0	54.159	N	159.399	E	33	N	4.0	0.9	35	NEAR EAST COAST OF KAMCHATKA
01	15	16	19.4%	53.475	N	160.169	E	33	N	3.3	0.6	8	NEAR EAST COAST OF KAMCHATKA
01	15	16	57.8?	54.19	N	158.95	E	33	N	3.8	1.2	12	KAMCHATKA
01	15	18	38.8*	54.360	N	158.843	E	33	N	4.1	1.0	14	KAMCHATKA
01	15	24	26.8	38.321	N	22.214	E	10	G		0.6	6	GREECE. ML 3.1 (ATH).
01	15	26	30.7*	53.988	N	160.174	E	33	N	3.8	1.4	16	NEAR EAST COAST OF KAMCHATKA
01	15	28	28.1*	53.892	N	159.507	E	33	N	4.0	1.2	20	NEAR EAST COAST OF KAMCHATKA
01	15	30	19.3*	32.077	S	69.385	W	125	*		1.0	17	MENDOZA PROVINCE, ARGENTINA. MD 3.3 (SAN).
01	15	30	41.0*	54.518	N	158.565	E	33	N	3.5	0.9	12	KAMCHATKA
01	15	31	15.8	53.947	N	159.317	E	33	N	4.0	0.8	23	NEAR EAST COAST OF KAMCHATKA
01	15	32	32.4%	53.993	N	159.385	E	33	N	3.7	0.8	10	NEAR EAST COAST OF KAMCHATKA
01	15	35	45.0*	54.040	N	159.324	E	33	N	3.7	1.1	19	NEAR EAST COAST OF KAMCHATKA
01	15	40	20.6?	54.65	N	161.57	E	33	N	3.3	1.3	8	NEAR EAST COAST OF KAMCHATKA
01	15	40	59.5	54.004	N	159.381	E	33	N	4.0	0.9	34	NEAR EAST COAST OF KAMCHATKA
01	15	46	07.9*	53.656	N	159.502	E	33	N	4.0	1.0	25	NEAR EAST COAST OF KAMCHATKA
01	15	49	55.1	54.103	N	159.374	E	33	N	4.6 5.0	1.3	92	NEAR EAST COAST OF KAMCHATKA
01	15	52	59.5*	21.172	S	67.949	W	168		4.2	1.0	21	CHILE-BOLIVIA BORDER REGION
01	15	58	46.3?	54.97	N	161.85	E	33	N	3.4	1.2	9	NEAR EAST COAST OF KAMCHATKA
01	16	03	06.7*	20.794	N	120.165	E	33	N	4.0	1.2	10	PHILIPPINE ISLANDS REGION
01	16	03	18.8?	53.80	N	159.73	E	33	N	3.7	0.7	8	NEAR EAST COAST OF KAMCHATKA
01	16	05	29.5	37.155	N	27.909	E	5	G		1.2	15	TURKEY. MD 4.0 (ATH), 3.6 (ISK).
01	16	13	04.0?	25.77	N	102.29	E	20	G		0.1	4	YUNNAN, CHINA. ML 3.1 (BJI).
01	16	17	27.4	11.548	S	118.501	E	33	N	4.1	1.0	11	SOUTH OF SUMBAWA, INDONESIA
01	16	20	06.2	53.967	N	159.558	E	33	N	4.0	0.8	20	NEAR EAST COAST OF KAMCHATKA
01	16	29	51.5*	53.868	N	159.497	E	33	N	3.7	0.9	7	NEAR EAST COAST OF KAMCHATKA
01	16	41	10.3?	53.79	N	159.57	E	33	N	3.5	0.8	7	NEAR EAST COAST OF KAMCHATKA
01	16	51	58.4?	53.94	N	159.80	E	33	N	3.7	1.6	9	NEAR EAST COAST OF KAMCHATKA
01	17	03	47.2?	29.20	N	34.67	E	10	G		0.5	6	EGYPT. MD 3.2 (RYD).
01	17	15	17.1%	17.018	N	99.518	W	33	N		1.0	6	GUERRERO, MEXICO
01	17	28	31.7?	54.10	N	159.53	E	33	N	3.6	0.9	5	NEAR EAST COAST OF KAMCHATKA
01	17	32	43.5?	54.12	N	159.59	E	33	N	3.3	0.9	5	NEAR EAST COAST OF KAMCHATKA
01	17	45	06.7*	54.058	N	159.376	E	33	N	4.1	0.5	15	NEAR EAST COAST OF KAMCHATKA
01	17	48	06.9*	54.145	N	159.863	E	33	N	3.6	1.4	11	NEAR EAST COAST OF KAMCHATKA
01	18	03	20.5*	53.666	N	159.937	E	33	N	3.9	0.9	17	NEAR EAST COAST OF KAMCHATKA
01	18	04	42.6?	44.53	N	7.27	E	10	G		0.0	4	NORTHERN ITALY. ML 1.7 (GEN).
01	18	42	27.5	43.054	N	0.335	W	10	G		0.2	6	PYRENEES. ML 2.8 (LDG), 2.3 (STR). mbLg 2.7 (MDD). Felt (II) in the Ossau Valley, France.
01	18	50	59.3*	53.845	N	159.475	E	33	N	3.8	0.4	13	NEAR EAST COAST OF KAMCHATKA
01	18	53	17.8*	54.027	N	159.319	E	33	N	3.9	0.8	18	NEAR EAST COAST OF KAMCHATKA
01	19	01	32.7%	40.819	N	27.721	E	10	G		0.4	5	TURKEY. MD 2.8 (ISK).
01	19	08	58.0	53.981	N	159.536	E	33	N	4.2	1.2	30	NEAR EAST COAST OF KAMCHATKA
01	19	14	12.5&	60.731	N	143.008	W	12				24	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
01	19	24	53.7*	54.113	N	159.419	E	33	N	4.2	1.2	28	NEAR EAST COAST OF KAMCHATKA
01	19	39	00.9*	54.136	N	159.378	E	33	N	4.0	0.3	8	NEAR EAST COAST OF KAMCHATKA
01	19	45	43.9%	31.239	S	68.550	W	100	G		0.5	8	SAN JUAN PROVINCE, ARGENTINA
01	20	12	04.6*	54.228	N	158.991	E	33	N	3.8	0.9	18	KAMCHATKA

	01	20	14	24.9?	18.70	N	105.15	W	20	G	3.3		0.8	9	OFF COAST OF JALISCO, MEXICO
	01	20	17	23.4*	43.634	N	147.381	E	33	N	3.9		1.0	16	KURIL ISLANDS
	01	20	24	08.1?	17.02	S	178.07	W	200	G	4.0		0.6	15	FIJI ISLANDS REGION
	01	20	31	17.2	53.874	N	159.278	E	33	N	4.8	5.1	1.2	112	NEAR EAST COAST OF KAMCHATKA
	01	20	39	40.2*	53.846	N	159.714	E	33	N	3.7		0.9	11	NEAR EAST COAST OF KAMCHATKA
	01	20	40	35.8*	54.066	N	159.299	E	33	N	4.0		1.1	17	NEAR EAST COAST OF KAMCHATKA
	01	20	49	30.8%	54.143	N	158.537	E	33	N	3.6		0.9	5	KAMCHATKA
	01	21	03	32.9	44.429	N	7.337	E	10	G			0.8	44	NORTHERN ITALY. ML 3.4 (GEN), 2.6 (LDG).
	01	21	04	47.4%	53.717	N	159.359	E	33	N	3.7		0.7	7	NEAR EAST COAST OF KAMCHATKA
	01	21	19	31.8*	53.971	N	159.348	E	33	N	3.8		1.2	12	NEAR EAST COAST OF KAMCHATKA
	01	21	20	25.6	42.617	N	111.420	W	5	G			0.6	12	EASTERN IDAHO. ML 3.2 (GS).
	01	21	21	13.0%	54.200	N	159.687	E	33	N	3.7		0.7	5	NEAR EAST COAST OF KAMCHATKA
	01	21	30	11.5?	54.14	N	159.98	E	33	N	3.8		0.7	10	NEAR EAST COAST OF KAMCHATKA
	01	21	32	53.9	0.749	N	120.037	E	33	N	5.1	4.7	1.1	120	MINAHASSA PENINSULA, SULAWESI
	01	21	33	44.3%	33.867	S	70.088	W	10	G			0.2	5	CHILE-ARGENTINA BORDER REGION
	01	21	37	16.4	1.033	N	120.171	E	33	N	5.0		1.1	28	MINAHASSA PENINSULA, SULAWESI
	01	21	37	17.5%	44.422	N	7.300	E	10	G			0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
	01	21	41	51.4%	15.814	N	60.444	W	31	*			0.2	6	LEEWARD ISLANDS. ML 2.8 (FDF).
	01	22	01	10.1	5.698	N	125.705	E	158		4.3		0.9	27	MINDANAO, PHILIPPINE ISLANDS
	01	22	27	50.0*	53.953	N	159.272	E	33	N	3.7		0.4	11	NEAR EAST COAST OF KAMCHATKA
	01	22	28	34.3*	54.191	N	159.169	E	33	N	3.9		0.8	15	NEAR EAST COAST OF KAMCHATKA
	01	22	35	17.9?	21.07	S	177.61	W	300	G	3.7		0.7	9	FIJI ISLANDS REGION
	01	22	40	52.4?	54.28	N	159.18	E	33	N	3.8		0.6	8	NEAR EAST COAST OF KAMCHATKA
a	01	22	41	58.2	0.692	N	119.912	E	33	N	5.1	4.6	1.2	98	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (HRV).
	01	22	49	47.9%	34.267	S	71.023	W	70	G			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
	01	22	58	51.5*	5.170	S	151.908	E	33	N	4.5		1.0	26	NEW BRITAIN REGION, P.N.G.
	01	23	02	37.3?	37.96	N	21.80	E	33	N			0.4	4	SOUTHERN GREECE. MD 2.5 (ATH).
	01	23	19	02.0?	34.40	S	70.60	W	110	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
	01	23	25	50.9%	28.705	N	34.649	E	10	G			0.3	6	EGYPT. MD 3.2 (RYD).
	01	23	31	55.2*	53.968	N	159.292	E	33	N	3.8		1.0	11	NEAR EAST COAST OF KAMCHATKA
	01	23	43	42.8%	33.693	S	70.539	W	100	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
	01	23	50	24.3	54.097	N	159.474	E	33	N	4.2		0.7	29	NEAR EAST COAST OF KAMCHATKA
	02	00	01	14.5	54.001	N	159.265	E	33	N	4.1		0.9	28	NEAR EAST COAST OF KAMCHATKA
	02	00	24	03.9*	67.891	N	161.131	W	10	G			0.6	5	NORTHERN ALASKA. ML 3.1 (PMR).
	02	00	40	24.2*	43.385	N	13.166	E	10	G			1.3	18	CENTRAL ITALY. ML 3.3 (LDG).
	02	00	45	21.5	43.601	N	126.809	W	10	G	3.5		0.9	19	OFF COAST OF OREGON
	02	01	03	36.5	53.912	N	159.542	E	33	N	4.3		0.7	32	NEAR EAST COAST OF KAMCHATKA
	02	01	16	07.4?	17.28	S	178.59	W	600	G	4.5		1.2	13	FIJI ISLANDS REGION
	02	01	53	13.3?	54.41	N	159.51	E	33	N	3.7		1.1	8	NEAR EAST COAST OF KAMCHATKA
a	02	02	06	33.3	53.879	N	159.321	E	33	N	4.7	5.0	1.1	102	NEAR EAST COAST OF KAMCHATKA. Mw 5.2 (HRV).
	02	02	06	35.4	39.684	N	74.774	E	33	N	4.0		0.5	15	SOUTHERN XINJIANG, CHINA
	02	02	15	22.6?	54.04	N	159.12	E	33	N	3.9		0.8	8	NEAR EAST COAST OF KAMCHATKA
	02	02	20	51.8	40.082	N	21.759	E	10	G			1.2	12	GREECE. MD 2.8 (ATH). ML 2.6 (THE).
	02	02	22	18.0	25.542	N	124.861	E	33	N	4.4	4.5	1.2	34	NORTHEAST OF TAIWAN
	02	02	31	50.7?	54.01	N	158.01	E	33	N	3.5		0.8	5	KAMCHATKA
	02	02	36	42.1?	6.35	S	152.86	E	33	N	4.2		0.8	7	NEW BRITAIN REGION, P.N.G.
	02	02	37	11.0&	38.718	N	122.380	W	12					61	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.0 (BRK), 3.0 (GS).
	02	02	39	17.3*	44.385	N	147.867	E	33	N	4.1		0.9	21	KURIL ISLANDS
	02	02	47	37.3*	53.427	N	160.414	E	33	N	3.9		1.1	14	NEAR EAST COAST OF KAMCHATKA
	02	03	02	42.1%	17.934	N	76.613	W	10	G			0.4	6	JAMAICA REGION. MD 2.8 (HOJ). Felt (III) in St. Andrew Parish.
	02	03	04	35.8	42.454	N	19.905	E	5	G			0.2	10	NORTHWESTERN BALKAN REGION. ML 2.1 (TIR), 2.1 (TTG).
	02	03	04	48.1*	54.052	N	159.290	E	33	N	4.2		1.1	17	NEAR EAST COAST OF KAMCHATKA
	02	03	10	56.7	38.902	N	21.856	E	5	G			1.5	6	GREECE. MD 2.9 (ATH).
	02	03	22	36.2%	28.883	N	34.920	E	10	G			1.0	5	EGYPT. MD 3.8 (RYD).
	02	03	35	12.4&	65.161	N	148.667	W	15					24	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	02	03	55	23.4?	40.70	N	27.07	E	10	G			0.3	4	TURKEY. MD 2.6 (ISK).
	02	04	12	10.2*	37.367	N	72.072	E	200	G	3.5		0.9	15	TAJIKISTAN
	02	04	39	46.4?	24.47	N	122.27	E	33	N	4.1		1.4	6	TAIWAN REGION
	02	04	48	35.7?	18.76	S	178.63	W	500	G	4.1		1.2	14	FIJI ISLANDS REGION
	02	05	08	01.6?	53.72	N	159.50	E	33	N	3.6		1.0	7	NEAR EAST COAST OF KAMCHATKA
	02	05	15	22.6?	46.13	N	151.57	E	33	N	3.7		1.3	11	KURIL ISLANDS
	02	06	07	19.6	53.848	N	159.302	E	33	N	4.4		1.2	40	NEAR EAST COAST OF KAMCHATKA
	02	06	18	31.1	43.038	N	0.342	W	10	G			0.6	8	PYRENEES. ML 3.0 (LDG), 2.7 (STR). mbLg 2.9 (MDD). Felt (II) in the Ossau Valley, France.
	02	06	18	58.2*	43.044	N	0.315	W	10	G			0.2	6	PYRENEES. ML 3.0 (LDG), 2.5 (STR). mbLg 2.8 (MDD). Felt (II) in the Ossau Valley, France.
	02	06	23	22.2	44.371	N	7.312	E	10	G			0.4	23	NORTHERN ITALY. ML 2.4 (GEN), 2.2 (LDG), 1.8 (STR).
	02	06	26	27.6*	53.607	N	159.427	E	33	N	3.7		0.9	11	NEAR EAST COAST OF KAMCHATKA
	02	06	26	41.1	38.784	N	119.524	W	5	G			0.7	69	CALIFORNIA-NEVADA BORDER REGION. ML 3.9 (GS), 4.1 (BRK). MD 3.9 (GM).
	02	06	27	55.9*	0.086	N	120.122	E	33	N	3.9		1.0	12	MINAHASSA PENINSULA, SULAWESI
	02	06	41	03.4	18.895	S	69.211	W	108	D	5.2		0.9	128	NORTHERN CHILE. Felt (V) at Arica.
	02	07	20	35.3&	61.680	N	150.913	W	55		3.1			91	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
	02	07	21	26.3%	32.873	S	71.401	W	60	G			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
	02	07	30	42.2	42.971	N	0.358	W	5	G			0.5	7	PYRENEES. ML 2.9 (LDG). mbLg 2.8 (MDD). MD 2.6 (BTH). Felt (II) in the Ossau Valley, France.
	02	07	45	55.2?	36.85	N	138.88	E	33	N	3.6		0.4	5	EASTERN HONSHU, JAPAN
	02	07	58	51.1?	39.17	N	27.52	E	10	G			0.7	4	TURKEY. MD 2.5 (ISK).
	02	08	03	19.4?	44.13	N	140.46	E	200	G	3.3		1.0	7	EASTERN SEA OF JAPAN
	02	08	12	58.5*	53.968	N	159.682	E	33	N	3.8		0.6	11	NEAR EAST COAST OF KAMCHATKA
	02	08	44	10.1*	54.222	N	159.630	E	33	N	3.9		1.0	13	NEAR EAST COAST OF KAMCHATKA
	02	08	50	38.9	11.813	N	143.307	E	33	N	5.1	4.6	1.0	105	SOUTH OF MARIANA ISLANDS
	02	08	51	25.9%	39.138	N	27.657	E	10	G			0.2	5	TURKEY. MD 2.7 (ISK).
a	02	09	04	09.9	54.063	N	159.360	E	33	N	5.0	4.9	1.0	167	NEAR EAST COAST OF KAMCHATKA. Mw 5.3 (HRV). Ms 4.5 (BRK).
	02	09	07	50.3*	54.120	N	159.407	E	33	N	4.0		0.9	14	NEAR EAST COAST OF KAMCHATKA
	02	09	14	03.1%	55.518	N	160.132	E	33	N	3.7		0.7	10	KAMCHATKA
	02	09	34	59.6	53.720	N	159.852	E	33	N	4.3		1.1	29	NEAR EAST COAST OF KAMCHATKA
	02	09	41	21.4	53.850	N	159.337	E	33	N	4.7	4.9	1.2	113	NEAR EAST COAST OF KAMCHATKA
	02	09	43	20.4?	32.55	S	72.08	W	20	G			0.5	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	02	10	11	35.3*	36.595	N	27.206	E	33	N			0.9	5	DODECANESE ISLANDS. MD 3.8 (ATH), 3.5 (ISK).

	02	10	14	59.6*	4.493	S	127.414	E	200	G	4.5		1.0	10	BANDA SEA
	02	10	22	22.0?	36.52	N	27.23	E	10	G			0.5	4	DODECANESE ISLANDS. MD 3.5 (ATH).
	02	10	34	10.7*	44.715	N	149.954	E	33	N	3.9		1.2	16	KURIL ISLANDS
	02	10	36	09.6?	29.27	N	34.54	E	10	G			0.4	6	EGYPT. MD 3.3 (RYD).
	02	10	37	06.5	54.083	N	159.313	E	33	N	4.5		0.9	47	NEAR EAST COAST OF KAMCHATKA
	02	10	41	55.1*	12.342	S	167.012	E	188	?	4.2		1.1	58	SANTA CRUZ ISLANDS
	02	10	44	06.1?	54.36	N	159.57	E	33	N	3.6		0.9	7	NEAR EAST COAST OF KAMCHATKA
	02	10	55	11.4	42.415	N	142.307	E	87		4.6		1.1	86	HOKKAIDO, JAPAN REGION
	02	10	58	52.2	7.071	S	123.284	E	610	*	4.7		0.9	53	BANDA SEA
	02	11	29	24.1?	54.14	N	159.17	E	33	N	3.7		1.0	8	NEAR EAST COAST OF KAMCHATKA
	02	11	37	41.5	38.534	N	102.792	E	33	N	4.2		1.0	39	GANSU, CHINA. ML 4.4 (BJI).
	02	11	42	37.1?	12.79	N	90.55	W	10	G	3.7		1.2	9	OFF COAST OF CENTRAL AMERICA
	02	11	57	07.9?	39.14	N	27.54	E	10	G			0.5	4	TURKEY. MD 2.8 (ISK).
	02	12	03	45.7	27.780	N	130.149	E	33	N	4.0		0.9	25	RYUKYU ISLANDS
	02	12	08	52.2*	42.465	N	1.527	E	10	G			0.2	5	PYRENEES. ML 2.5 (LDG).
	02	12	11	49.0?	51.22	N	179.58	E	33	N	3.7		0.9	9	RAT ISLANDS, ALEUTIAN ISLANDS
	02	12	45	42.2&	54.007	N	159.564	E	33	N	3.5		0.4	7	NEAR EAST COAST OF KAMCHATKA
	02	12	49	08.7*	53.867	N	159.243	E	33	N	3.7		0.5	13	NEAR EAST COAST OF KAMCHATKA
	02	13	11	22.3&	36.983	N	121.469	W	6					10	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
	02	13	14	14.7?	28.93	N	34.60	E	10	G			0.9	6	EGYPT. MD 3.3 (RYD).
	02	13	53	53.1*	54.076	N	158.943	E	33	N	3.8		1.2	15	KAMCHATKA
	02	14	02	58.8*	54.121	N	159.085	E	33	N	3.9		0.6	14	NEAR EAST COAST OF KAMCHATKA
	02	14	14	36.4?	39.11	N	27.50	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	02	14	31	25.1	54.043	N	159.598	E	33	N	4.0		0.7	17	NEAR EAST COAST OF KAMCHATKA
	02	14	34	28.9&	37.186	N	121.581	W	7					66	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK), 3.3 (GS).
	02	14	46	31.0*	17.569	N	62.029	W	70	G	3.6		0.7	14	LEEWARD ISLANDS. MD 3.6 (TRN).
	02	14	54	27.2?	36.55	N	26.97	E	10	G			0.9	4	DODECANESE ISLANDS. MD 3.4 (ATH).
	02	15	02	02.1?	33.14	S	70.27	W	10	G			0.6	4	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	02	15	14	35.6*	36.537	N	27.014	E	10	G			1.2	5	DODECANESE ISLANDS. MD 3.6 (ATH).
	02	15	32	27.9	54.010	N	159.442	E	33	N	4.4		1.3	61	NEAR EAST COAST OF KAMCHATKA
	02	15	43	25.3*	44.177	N	128.627	W	10	G	3.2		1.3	10	OFF COAST OF OREGON
	02	16	00	36.0?	51.77	N	176.44	E	33	N	3.7		1.4	8	RAT ISLANDS, ALEUTIAN ISLANDS
	02	16	00	43.8*	0.319	N	120.503	E	33	N	4.0		0.4	7	MINAHASSA PENINSULA, SULAWESI
	02	16	17	05.9?	18.75	N	120.30	E	33	N	3.8		1.1	9	LUZON, PHILIPPINE ISLANDS
	02	16	23	21.7?	20.07	S	178.62	W	600	G	4.1		1.0	10	FIJI ISLANDS REGION
	02	16	35	55.9	13.028	N	145.683	E	33	N	4.2		0.9	25	MARIANA ISLANDS
	02	16	45	03.5*	5.597	S	147.671	E	182		4.1		0.9	18	EASTERN NEW GUINEA REG., P.N.G.
	02	16	45	38.4&	31.023	S	68.897	W	100	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	02	17	41	32.2&	36.894	N	2.194	W	10	G			1.2	11	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
a	02	18	09	16.2	9.258	N	126.289	E	68		5.4		1.1	185	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	02	18	16	58.7?	38.43	N	21.55	E	10	G			1.0	4	GREECE. MD 2.9 (ATH).
	02	18	18	59.9*	18.790	N	62.696	W	33	N	4.0		1.1	13	LEEWARD ISLANDS. ML 4.5 (FDF). MD 4.0 (TRN).
	02	19	14	40.7	28.711	N	34.297	E	10	G	3.9		1.2	26	EGYPT. ML 4.6 (JER), 4.2 (BHL). MD 4.5 (RYD).
	02	19	20	07.2&	59.782	N	153.407	W	114					54	SOUTHERN ALASKA. <AEIC>.
	02	19	29	11.8?	34.54	S	70.77	W	100	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	02	19	52	51.5	46.300	N	13.139	E	10	G			1.0	37	AUSTRIA. MD 3.5 (LJU), 3.1 (TRI). ML 3.2 (GRF), 3.0 (FUR), 3.0 (VIE), 2.9 (LDG).
	02	20	38	24.4	40.796	N	27.756	E	10	G			1.2	8	TURKEY. MD 3.0 (ISK).
	02	20	51	24.3*	36.560	N	27.194	E	33	N			1.2	7	DODECANESE ISLANDS. MD 3.7 (ATH), 3.3 (ISK).
	02	21	32	58.5	44.452	N	149.661	E	33	N	4.8	4.1	1.0	96	KURIL ISLANDS
	02	22	05	10.6*	45.197	N	151.855	E	33	N	4.3		1.2	50	KURIL ISLANDS
	02	22	05	29.0?	46.07	N	151.71	E	33	N	4.6		0.8	26	KURIL ISLANDS
	02	22	08	36.0	44.376	N	149.729	E	33	N	4.6	4.0	1.1	64	KURIL ISLANDS
	02	23	21	00.5?	17.93	N	76.62	W	10	G			0.2	4	JAMAICA REGION. MD 2.2 (HOJ).
	03	00	04	27.2	43.000	N	0.841	W	10	G			1.5	13	PYRENEES. mbLg 2.6 (MDD). ML 2.3 (LDG), 2.0 (STR).
	03	00	48	24.2?	17.06	N	60.88	W	33	N			0.4	7	LEEWARD ISLANDS. MD 3.2 (TRN).
	03	01	10	19.4*	53.895	N	159.151	E	33	N	3.7		0.5	10	NEAR EAST COAST OF KAMCHATKA
	03	02	15	34.5?	0.60	N	120.40	E	33	N	4.6		1.0	11	MINAHASSA PENINSULA, SULAWESI
	03	02	23	56.2	54.004	N	159.505	E	33	N	4.4		1.1	43	NEAR EAST COAST OF KAMCHATKA
	03	02	54	21.4*	24.382	S	67.114	W	188		4.0		1.2	15	CHILE-ARGENTINA BORDER REGION
	03	03	21	34.1	40.883	N	19.884	E	33	N			0.9	15	ALBANIA. ML 2.8 (TIR), 2.8 (TTG).
	03	03	40	26.4*	9.998	N	70.144	W	10	G	3.6		0.8	6	VENEZUELA
	03	03	42	57.1?	38.31	N	22.41	E	10	G			0.5	4	GREECE. MD 2.7 (ATH).
	03	03	52	07.1?	46.41	N	13.94	E	10	G			0.0	4	AUSTRIA. MD 2.4 (TRI). ML 2.3 (VIE).
	03	03	52	46.7?	23.57	N	123.91	E	33	N	4.1		1.1	14	SOUTHWESTERN RYUKYU ISLANDS
	03	03	57	26.1	53.612	N	158.800	E	136		5.0		0.8	278	NEAR EAST COAST OF KAMCHATKA
	03	04	06	00.3?	21.00	S	177.60	W	300	G	4.3		1.5	8	FIJI ISLANDS REGION
	03	04	15	05.4?	3.91	S	129.46	E	33	N	3.9		0.8	5	SERAM, INDONESIA
	03	04	39	54.7*	10.655	N	85.891	W	66	*	4.6		1.2	59	COSTA RICA
	03	04	54	38.6	6.768	S	129.675	E	100	G	4.9		1.1	23	BANDA SEA
	03	05	09	51.5	0.014	S	119.752	E	58	*	4.6		0.8	42	MINAHASSA PENINSULA, SULAWESI
	03	05	14	19.0&	42.334	N	18.944	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	03	05	18	28.5	44.440	N	7.328	E	10	G			0.7	30	NORTHERN ITALY. ML 2.9 (GEN), 2.9 (LDG).
	03	05	20	24.0?	35.62	N	21.18	E	10	G	3.7		0.6	8	CENTRAL MEDITERRANEAN SEA. ML 4.1 (ATH).
	03	05	26	16.5?	36.58	N	21.65	E	10	G			0.4	4	SOUTHERN GREECE. MD 2.7 (ATH).
	03	05	26	21.2*	9.514	S	125.990	E	33	N	4.3		0.8	6	TIMOR REGION, INDONESIA
	03	05	27	03.9	8.878	S	118.430	E	33	N	4.6		0.9	26	SUMBAWA REGION, INDONESIA
	03	05	38	18.4&	65.126	N	148.718	W	18					19	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	03	05	42	59.7?	6.55	S	130.03	E	100	G	3.7		1.4	6	BANDA SEA
	03	06	04	15.8?	6.84	S	130.00	E	33	N	3.8		1.1	11	BANDA SEA
	03	06	55	25.9&	63.194	N	150.589	W	133		3.0			70	CENTRAL ALASKA. <AEIC>.
	03	07	42	22.8*	44.423	N	7.300	E	10	G			0.4	5	NORTHERN ITALY. ML 1.9 (GEN).
	03	08	32	16.4?	39.13	N	27.66	E	10	G			0.8	4	TURKEY. MD 2.7 (ISK).
a	03	08	42	25.7	38.994	N	48.720	E	56		4.9		1.1	199	ARMENIA-AZERBAIJAN-IRAN BORD REG. Mw 5.4 (HRV). Felt (V) in the Jalilabad area, Iran. Felt (IV) at Lankaran, Masalli and Xankandi; (III) at Astara and Lerik, Azerbaijan. Also felt in the Ardabil area, Iran.
	03	08	42	36.8?	35.56	N	20.99	E	10	G			0.9	5	CENTRAL MEDITERRANEAN SEA. MD 3.5 (ATH).
	03	09	33	13.0	28.666	S	71.345	W	60		4.9		1.1	82	NEAR COAST OF CENTRAL CHILE. MD 5.2 (SAN).
	03	09	35	06.7?	5.63	S	130.58	E	100	G	4.1		1.1	10	BANDA SEA
	03	09	52	57.3&	42.348	N	18.922	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	03	10	05	28.6	28.712	N	34.944	E	10	G	4.9		1.3	89	EGYPT. ML 5.0 (JER), 4.8 (BHL).

	03	10	11	19.0%	28.692	N	34.672	E	10	G			0.4	6	EGYPT. MD 4.0 (RYD).
	03	10	30	58.6*	38.165	N	30.209	E	10	G			0.6	5	TURKEY. MD 3.0 (ISK).
	03	10	31	40.6?	40.12	N	19.95	E	10	G			0.3	4	ALBANIA
	03	10	32	08.5?	54.03	N	159.80	E	33	N	3.6		1.2	7	NEAR EAST COAST OF KAMCHATKA
	03	10	36	12.8	45.412	N	7.328	E	10	G			1.0	10	NORTHERN ITALY. ML 2.6 (GEN).
	03	11	04	48.2%	28.698	N	34.757	E	10	G			0.1	5	EGYPT. MD 3.9 (RYD).
a	03	11	23	42.6	0.633	N	119.896	E	33	N	5.3	5.0	1.2	134	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (HRV).
	03	11	57	33.7?	9.63	S	125.82	E	33	N			0.8	8	TIMOR REGION, INDONESIA
	03	12	06	43.4?	0.64	N	119.87	E	33	N	3.9		1.2	11	MINAHASSA PENINSULA, SULAWESI
	03	12	25	25.6	33.395	S	70.219	W	111		4.1		0.9	42	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN). Felt (IV) at Santiago and (II) at Cabildo, Los Andes, Melipilla and Santa Maria, Chile.
	03	12	33	42.9?	11.20	N	144.66	E	33	N	3.7		1.2	11	SOUTH OF MARIANA ISLANDS
	03	13	02	34.5	24.663	N	124.306	E	79	*	4.2		0.8	29	SOUTHWESTERN RYUKYU ISLANDS
	03	13	12	23.4	49.621	N	129.903	W	10	G	4.7		1.3	94	VANCOUVER ISLAND REGION
	03	13	17	17.1?	40.82	N	29.49	E	10	G			0.5	4	TURKEY. MD 2.4 (ISK).
	03	13	21	44.4*	0.792	N	120.027	E	33	N	4.5		1.2	16	MINAHASSA PENINSULA, SULAWESI
	03	13	22	55.3%	29.062	N	34.789	E	10	G			0.3	6	EGYPT. MD 3.5 (RYD).
	03	13	26	05.5%	42.353	N	18.976	E	5	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	03	14	11	05.5?	39.61	N	29.44	E	10	G			1.1	4	TURKEY. MD 2.6 (ISK).
	03	14	21	58.6?	3.84	S	142.15	E	33	N	3.3		0.5	4	NEAR N COAST OF NEW GUINEA, PNG.
	03	14	51	44.4*	23.987	S	69.637	E	10	G	4.4		0.9	23	MID-INDIAN RIDGE
	03	15	50	29.3	43.076	N	0.261	W	10	G			0.9	28	PYRENEES. ML 3.6 (LDG). mbLg 3.5 (MDD). Felt (II) in the Bearn region, France.
	03	15	56	23.2	43.063	N	0.309	W	10	G			0.5	8	PYRENEES. mbLg 2.7 (MDD). ML 2.6 (LDG), 2.0 (STR).
	03	16	04	31.8?	25.47	N	89.25	E	33	N	4.7		0.8	11	INDIA-BANGLADESH BORDER REGION
	03	16	20	15.3?	37.06	N	4.04	W	10	G			0.1	4	SPAIN. mbLg 2.2 (MDD).
	03	16	35	19.5&	64.791	N	154.414	W	20	G				53	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).
	03	16	41	24.8	40.535	N	23.658	E	10	G			0.8	7	GREECE. ML 2.0 (THE).
	03	16	56	22.5	9.936	N	56.936	E	10	G	4.8		1.2	82	CARLSBERG RIDGE
	03	16	56	38.5*	24.025	N	141.757	E	100	G	4.0		0.5	10	VOLCANO ISLANDS REGION
a	03	17	13	54.3	1.993	S	128.345	E	33	N	5.3	4.6	1.1	99	HALMAHERA, INDONESIA. Mw 5.4 (HRV).
	03	17	28	21.3*	43.348	N	17.671	E	10	G			1.0	10	NORTHWESTERN BALKAN REGION. ML 3.1 (TTG).
	03	17	28	54.1?	36.58	N	2.83	W	10	G			0.6	5	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	03	17	43	22.8	46.797	N	150.648	E	200	G	3.9		1.4	9	KURIL ISLANDS
	03	17	58	25.3*	25.103	N	123.826	E	33	N	4.1		1.0	15	NORTHEAST OF TAIWAN
	03	17	58	55.4&	63.114	N	151.021	W	129		2.7			59	CENTRAL ALASKA. <AEIC>.
	03	17	59	08.4&	60.744	N	146.438	W	14					21	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	03	18	10	33.0*	5.285	S	133.238	E	33	N	4.7		1.1	20	ARU ISLANDS REGION, INDONESIA
	03	18	24	48.5%	33.155	S	70.339	W	5	G			0.4	5	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	03	18	54	24.3	53.940	N	159.605	E	33	N	4.4		1.0	25	NEAR EAST COAST OF KAMCHATKA
	03	19	36	29.2	28.736	S	71.531	W	64	*	4.8		1.1	45	NEAR COAST OF CENTRAL CHILE. MD 5.0 (SAN).
	03	19	47	47.7%	45.534	N	6.674	E	5	G			0.1	6	FRANCE. ML 2.1 (GEN).
	03	19	56	11.7?	32.43	S	71.78	W	33	N			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	03	20	10	16.6*	12.443	N	88.616	W	33	N	4.7		1.2	28	OFF COAST OF CENTRAL AMERICA
	03	21	02	20.2	40.808	N	28.080	E	10	G			0.3	9	TURKEY. MD 2.9 (ISK).
	03	21	12	33.0	42.320	N	19.529	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	03	22	02	08.7?	46.47	N	13.10	E	10	G			0.8	6	AUSTRIA. ML 2.6 (VIE).
	03	22	07	27.4	25.084	N	123.891	E	58	D	4.8		1.1	96	NORTHEAST OF TAIWAN
	03	22	38	16.2?	38.05	S	176.64	E	150	G	4.1		0.2	6	NORTH ISLAND, NEW ZEALAND
	03	23	07	58.2*	4.207	S	143.902	E	150	G	4.5		1.1	6	NEW GUINEA, PAPUA NEW GUINEA
	03	23	13	55.3	7.021	N	91.322	E	33	N	4.9	4.5	0.9	114	NICOBAR ISLANDS, INDIA
	03	23	45	14.7	35.850	N	69.935	E	100	G	4.6		1.0	53	HINDU KUSH REGION, AFGHANISTAN
	03	23	55	54.2*	36.413	N	71.398	E	150	G	3.6		1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	04	00	10	41.0%	44.536	N	7.425	E	20	G			0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	04	00	25	36.5&	35.024	N	116.956	W	1					59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS). Felt in the Barstow area.
	04	00	48	12.3?	10.82	N	61.52	W	33	N			0.1	4	TRINIDAD. MD 3.4 (TRN).
	04	00	50	46.4?	54.09	N	159.65	E	33	N	3.9		0.4	8	NEAR EAST COAST OF KAMCHATKA
	04	01	16	19.4&	35.020	N	116.955	W	0					8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.5 (GS).
	04	01	20	31.2?	2.71	S	133.48	E	33	N	4.4		1.2	7	IRIAN JAYA REGION, INDONESIA
	04	01	28	24.4?	40.82	N	28.03	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	04	01	41	18.0?	17.84	N	77.20	W	10	G			0.7	4	JAMAICA REGION. MD 2.3 (HOJ).
	04	02	03	08.2*	6.066	N	126.807	E	100	G	4.5		1.3	14	MINDANAO, PHILIPPINE ISLANDS
	04	02	40	08.1	28.648	S	71.605	W	33	N	4.3		1.1	22	NEAR COAST OF CENTRAL CHILE
	04	02	43	10.0*	27.874	N	130.124	E	33	N	4.3		1.1	10	RYUKYU ISLANDS
	04	02	55	48.8*	38.776	N	102.873	E	33	N	4.1		1.1	13	GANSU, CHINA
	04	03	14	55.5?	54.24	N	159.88	E	33	N	3.7		0.1	5	NEAR EAST COAST OF KAMCHATKA
	04	03	49	27.6	38.738	N	104.604	E	33	N	4.7	4.5	1.1	93	WESTERN NEI MONGOL, CHINA
	04	03	51	58.1	33.898	N	136.242	E	10	G	4.4		1.0	13	NEAR S. COAST OF WESTERN HONSHU
	04	03	57	29.9	5.253	S	153.146	E	42		5.0	5.3	1.2	116	NEW IRELAND REGION, P.N.G.
	04	04	13	48.3%	42.343	N	18.937	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	04	04	38	55.9?	54.48	N	158.40	E	33	N	3.5		0.6	6	KAMCHATKA
	04	04	39	26.6?	54.01	N	159.30	E	33	N	4.1		0.9	12	NEAR EAST COAST OF KAMCHATKA
	04	05	06	11.2	39.023	N	28.501	E	10	G			0.4	6	TURKEY. MD 3.0 (ISK).
	04	05	19	21.3	5.318	S	153.033	E	76	*	4.4		1.1	42	NEW IRELAND REGION, P.N.G.
	04	05	32	25.5*	5.018	S	153.068	E	33	N	4.2		0.7	15	NEW IRELAND REGION, P.N.G.
	04	05	48	25.3?	44.56	N	149.16	E	33	N	3.8		1.3	8	KURIL ISLANDS
	04	05	49	39.0	22.404	N	94.114	E	100	G	4.0		1.1	32	MYANMAR
	04	05	57	50.5*	53.912	N	159.315	E	33	N	3.9		0.8	15	NEAR EAST COAST OF KAMCHATKA
	04	06	25	20.9%	42.355	N	18.947	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	04	06	39	13.9	53.916	N	159.464	E	33	N	4.3		0.8	24	NEAR EAST COAST OF KAMCHATKA
	04	07	25	33.8?	24.04	S	179.97	E	600	G	4.2		0.6	13	SOUTH OF FIJI ISLANDS
	04	07	25	47.9?	4.32	N	125.56	E	65	*	4.6		1.0	15	TALAUD ISLANDS, INDONESIA
	04	07	26	52.6*	36.119	N	100.467	E	33	N	4.2		1.4	19	QINGHAI, CHINA. ML 3.9 (BJI).
	04	07	31	53.2*	28.694	N	34.752	E	10	G			0.2	5	EGYPT. MD 4.0 (RYD), 3.6 (HLW).
	04	07	36	18.3?	17.21	S	175.05	W	300	G	3.8		1.1	12	TONGA ISLANDS
	04	07	43	00.7%	49.049	N	7.957	E	5	G			0.5	10	GERMANY. ML 2.2 (STR).
	04	08	03	17.2&	63.279	N	147.581	W	69		3.6			102	CENTRAL ALASKA. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR).
	04	08	39	30.3*	47.905	N	146.960	E	200	G	3.3		0.6	10	NORTHWEST OF KURIL ISLANDS
	04	08	53	14.5*	3.626	N	124.664	E	317	*	4.3		0.9	19	CELEBES SEA
	04	08	55	52.9	34.230	N	141.547	E	33	N	4.3		1.1	45	OFF EAST COAST OF HONSHU, JAPAN
	04	09	05	03.2*	5.101	S	153.215	E	33	N	3.5		1.2	10	NEW IRELAND REGION, P.N.G.

	04	09	23	05.5*	12.128	N	144.450	E	33	N	4.0	0.6	12 SOUTH OF MARIANA ISLANDS
	04	09	48	01.4?	33.74	S	71.89	W	30	G		0.7	10 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	04	09	48	27.6*	5.720	S	145.243	E	88	?	3.5	0.5	9 EASTERN NEW GUINEA REG., P.N.G.
	04	09	57	47.0*	33.753	S	71.886	W	20	G		0.4	12 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	04	10	26	39.6?	39.11	N	27.52	E	10	G		1.0	4 TURKEY. MD 2.7 (ISK).
	04	10	28	10.9?	4.77	S	153.04	E	33	N	3.9	0.8	10 NEW IRELAND REGION, P.N.G.
	04	10	31	41.7	32.130	N	49.435	E	33	N	4.8 4.3	1.2	100 WESTERN IRAN
	04	10	43	56.7&	33.717	S	71.785	W	20	G		0.3	11 NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	04	10	57	57.3	5.227	S	153.113	E	73	?	4.4	1.1	41 NEW IRELAND REGION, P.N.G.
	04	11	17	23.2*	5.555	S	75.535	W	33	D	4.3	0.9	24 NORTHERN PERU
	04	11	39	56.1?	4.53	S	142.51	E	100	G	3.7	1.0	9 NEW GUINEA, PAPUA NEW GUINEA
	04	11	44	25.1?	39.18	N	27.52	E	10	G		0.7	4 TURKEY. MD 2.6 (ISK).
	04	13	17	59.8	42.028	N	20.156	E	10	G		0.7	16 NORTHWESTERN BALKAN REGION. ML 3.1 (TTG), 2.9 (TIR).
	04	13	19	59.0*	54.522	N	159.624	E	33	N	4.0	1.0	10 NEAR EAST COAST OF KAMCHATKA
	04	13	21	36.5?	8.02	S	118.53	E	100	G	3.3	0.6	5 SUMBAWA REGION, INDONESIA
	04	13	34	23.1	40.037	N	76.872	E	33	N	3.9	0.7	16 KYRGYZSTAN-XINJIANG BORDER REG.
	04	14	24	41.5	28.694	N	34.757	E	10	G		1.0	13 EGYPT. ML 4.4 (JER), 4.1 (BHL). MD 4.3 (RYD).
	04	14	30	21.1*	17.164	N	98.087	W	33	N	3.5	0.7	9 GUERRERO, MEXICO
	04	14	44	01.3*	7.744	S	107.601	E	102	*	4.1	1.2	38 JAWA, INDONESIA
	04	14	45	00.2?	33.91	S	72.20	W	20	G		0.4	10 OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	04	14	48	05.6?	33.90	S	72.06	W	20	G		0.4	10 OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	15	01	51.9?	33.87	S	72.00	W	30	G		0.5	10 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	04	15	28	36.6*	35.456	N	39.557	E	10	G		0.5	12 JORDAN - SYRIA REGION. MD 4.6 (ISK). ML 4.5 (JER).
	04	15	42	06.6*	54.167	N	163.134	W	33	N	4.2	1.0	23 UNIMAK ISLAND REGION
a	04	15	54	14.6	0.307	S	124.469	E	74	D	5.1	1.3	98 SOUTHERN MOLUCCA SEA. Mw 5.1 (HRV).
	04	16	25	32.4*	28.691	N	34.709	E	10	G		0.3	6 EGYPT. MD 4.3 (RYD).
	04	16	31	50.4*	14.927	S	173.686	W	33	N	4.4	0.8	16 SAMOA ISLANDS REGION
	04	16	44	11.7	34.088	N	23.430	E	33	N	4.1	1.3	39 CRETE. MD 3.9 (ATH).
	04	17	22	39.5	28.717	N	34.745	E	10	G	4.0	0.9	25 EGYPT. ML 4.3 (BHL). MD 4.2 (HLW).
	04	17	34	48.2	28.685	N	34.678	E	10	G	3.6	0.3	6 EGYPT. MD 4.3 (RYD), 3.9 (HLW).
	04	18	01	23.3?	31.75	S	178.57	E	500	G	3.9	1.3	13 KERMADEC ISLANDS REGION
	04	18	24	00.2	40.474	N	27.156	E	10	G		0.6	23 TURKEY. MD 3.6 (ATH), 3.4 (ISK). Felt in the Tekirdag area.
	04	18	24	46.5?	38.57	N	75.85	E	100	G		1.2	9 SOUTHERN XINJIANG, CHINA
	04	18	30	35.0	53.773	N	159.464	E	33	N	4.4	1.4	40 NEAR EAST COAST OF KAMCHATKA
	04	19	31	02.2?	47.97	N	147.84	E	200	G	3.6	1.0	7 NORTHWEST OF KURIL ISLANDS
a	04	19	43	10.4	52.454	N	170.676	W	33	N	4.9	0.9	155 FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.2 (HRV).
	04	19	48	07.3	43.057	N	0.335	W	10	G		0.5	6 PYRENEES. ML 2.5 (LDG), 2.0 (STR).
a	04	19	50	21.7	44.450	N	149.294	E	33	N	5.2 4.9	1.0	224 KURIL ISLANDS. Mw 5.2 (HRV).
	04	20	10	32.5?	42.86	N	19.00	E	10	G		0.2	4 NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	04	20	12	53.6	42.116	N	142.490	E	33	N	4.7	1.0	109 HOKKAIDO, JAPAN REGION. Felt (III JMA) at Urakawa. Also felt in Aomori Prefecture, Honshu.
	04	20	30	25.1?	49.90	S	112.20	E	10	G	4.1	1.2	9 SOUTHEAST INDIAN RIDGE
	04	20	50	15.7*	51.610	N	15.885	E	10	G		1.5	6 POLAND. ML 2.6 (MOX).
	04	21	09	30.7	36.338	N	70.301	E	220	D	4.0	1.0	43 HINDU KUSH REGION, AFGHANISTAN
	04	21	12	21.4?	7.09	S	129.07	E	100	G	4.3	0.7	4 BANDA SEA
	04	22	16	32.1&	42.354	N	18.927	E	10	G		0.3	8 NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	04	23	19	57.0*	12.730	S	169.212	E	656	*	4.0	0.8	32 SANTA CRUZ ISLANDS REGION
	04	23	28	43.4&	9.939	S	157.326	E	33	N	3.7	0.8	8 SOLOMON ISLANDS
	04	23	32	32.6	33.186	S	70.540	W	90	G		0.3	10 CHILE-ARGENTINA BORDER REGION
	04	23	33	27.7	55.574	S	27.072	W	33	N	5.0 5.5	1.1	79 SOUTH SANDWICH ISLANDS REGION
	04	23	52	34.1*	12.707	S	72.453	W	33	N	3.7	0.6	5 CENTRAL PERU
	04	23	54	56.8&	46.386	N	7.318	E	10	G		0.4	5 SWITZERLAND. ML 2.1 (LDG).
	05	01	46	14.4	38.424	N	27.108	W	10	G		0.4	8 AZORES ISLANDS. MD 3.4 (PDA). Felt (III) at Porto Judeu and (II) at Angra do Heroismo and Praia da Vitoria, Terceira.
	05	02	14	55.9	6.661	S	154.553	E	33	N	4.4	1.2	44 SOLOMON ISLANDS
	05	02	57	19.7&	31.361	S	67.580	W	120	G		1.3	8 SAN JUAN PROVINCE, ARGENTINA
	05	03	43	16.6	38.399	N	27.152	W	10	G		0.5	16 AZORES ISLANDS. MD 4.4 (PDA). Felt (IV) at Angra do Heroismo, Porto Judeu, Ribeirinha and Sao Sebastiao; (III) at Agualva and Praia da Vitoria, Terceira.
	05	04	11	26.6?	15.08	S	173.89	W	33	N	4.5	1.0	19 TONGA ISLANDS
	05	04	22	57.3	45.251	N	3.549	E	5	G		0.5	12 FRANCE. ML 2.0 (LDG).
	05	06	28	54.1&	60.515	N	141.774	W	0				19 SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	05	06	54	35.3&	34.485	N	116.505	W	2				29 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	05	07	17	41.8*	32.523	S	72.023	W	33	N		1.1	20 OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	05	07	29	44.6*	32.524	S	71.839	W	33	N		0.8	15 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	05	08	38	53.1	44.426	N	7.327	E	10	G		0.8	27 NORTHERN ITALY. ML 2.9 (LDG), 2.8 (GEN).
	05	08	41	50.2&	60.313	N	152.424	W	92		2.9		82 SOUTHERN ALASKA. <AEIC>.
	05	08	43	14.9?	39.28	N	27.73	E	10	G		0.4	4 TURKEY. MD 2.7 (ISK).
	05	08	53	22.6	31.274	S	68.337	W	110		3.5	1.2	26 SAN JUAN PROVINCE, ARGENTINA
	05	09	33	22.8	6.465	S	130.644	E	33	N	5.0 4.5	1.2	93 BANDA SEA
	05	09	34	58.4?	31.50	S	179.77	E	400	G	4.1	1.1	15 KERMADEC ISLANDS REGION
	05	09	42	49.9&	62.114	N	149.391	W	41				94 CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
	05	09	55	08.6*	3.309	S	148.413	E	33	N	4.0	1.0	11 BISMARCK SEA
	05	09	57	44.6?	44.40	N	7.31	E	10	G		0.1	4 NORTHERN ITALY. ML 1.7 (GEN).
	05	10	14	24.0?	7.83	N	141.80	E	33	N	3.9	0.2	5 WESTERN CAROLINE ISLANDS
	05	10	25	39.5&	39.115	N	27.543	E	10	G		1.0	5 TURKEY. MD 2.6 (ISK).
	05	11	01	50.9&	61.057	N	151.055	W	48				50 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	05	11	06	23.3?	3.78	S	139.87	E	33	N	4.1	1.1	9 IRIAN JAYA, INDONESIA
	05	11	46	59.0?	32.47	S	71.85	W	10	G		0.4	9 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	05	11	53	39.2	43.088	N	0.311	W	10	G		0.4	15 PYRENEES. ML 3.5 (LDG). mbLg 3.3 (MDD). Felt (III) in the Bearn region, France.
	05	11	57	40.1&	33.945	N	116.369	W	7				47 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt in the Palm Springs and Rancho Mirage areas.
	05	11	57	43.8*	43.064	N	0.322	W	10	G		0.4	5 PYRENEES. ML 1.7 (STR).
	05	12	08	58.0*	21.324	S	168.522	E	33	N	4.3	0.9	10 LOYALTY ISLANDS
	05	13	38	23.7?	43.06	N	0.32	W	10	G		0.5	4 PYRENEES. ML 1.5 (STR).
	05	13	41	26.2	15.252	S	70.699	W	185		4.4	0.9	34 SOUTHERN PERU
	05	13	46	23.0*	3.654	S	140.001	E	33	N	4.4	1.3	10 IRIAN JAYA, INDONESIA
	05	13	52	34.1?	20.19	N	94.00	E	33	N		0.4	11 MYANMAR
	05	13	56	58.2	6.753	N	124.202	E	500	G	4.2	0.9	31 MINDANAO, PHILIPPINE ISLANDS
	05	13	59	36.0*	21.689	S	169.763	E	33	N	4.7 4.9	1.2	15 LOYALTY ISLANDS REGION

	05	14 03 08.2%	39.127	N	27.526	E	10	G			0.2	5	TURKEY. MD 2.6 (ISK).
	05	14 08 58.4	43.062	N	0.341	W	10	G			0.4	6	PYRENEES. ML 2.4 (LDG), 1.8 (STR).
	05	14 28 12.5%	42.379	N	18.978	E	5	G			0.6	6	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	05	15 14 54.5*	43.048	N	0.340	W	10	G			0.2	5	PYRENEES. ML 1.6 (STR).
	05	15 22 36.0*	26.924	S	26.843	E	5	G			0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
	05	15 25 07.6%	26.373	S	27.314	E	5	G			0.5	10	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	05	15 37 45.6*	44.650	N	149.997	E	33	N	4.3	4.5	1.2	46	KURIL ISLANDS
	05	15 39 41.3	0.755	N	120.089	E	33	N	4.9	4.4	1.2	82	MINAHASSA PENINSULA, SULAWESI. Felt strongly at Tolitoli.
	05	15 49 16.1&	57.392	N	155.709	W	81					25	ALASKA PENINSULA. <AEIC>.
	05	15 50 32.3	26.174	N	63.564	E	33	N	4.1		1.0	24	SOUTHWESTERN PAKISTAN
	05	16 09 14.0%	33.177	S	70.311	W	5	G			0.6	6	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	05	16 11 48.3*	43.049	N	0.332	W	10	G			0.1	5	PYRENEES. ML 2.3 (LDG), 1.8 (STR).
	05	16 37 12.8	40.002	N	21.470	E	10	G			0.8	9	GREECE. MD 3.2 (ATH). ML 2.6 (THE).
	05	16 39 17.0?	42.81	N	7.21	W	10	G			0.2	4	SPAIN. mbLg 3.0 (MDD).
	05	16 54 35.5	38.820	N	23.697	E	10	G			0.5	10	GREECE. ML 3.3 (ATH), 2.7 (THE).
	05	16 57 37.7	43.066	N	0.353	W	5	G			0.2	6	PYRENEES. ML 1.9 (STR).
	05	17 14 46.9?	36.38	N	3.01	W	10	G			0.8	8	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	05	17 50 48.0?	22.47	S	169.80	E	33	N	3.5		0.9	6	LOYALTY ISLANDS REGION
	05	18 20 26.2	3.168	S	130.566	E	33	N	4.8	4.3	1.1	67	SERAM, INDONESIA
	05	18 34 14.9*	3.312	S	130.314	E	33	N	4.6		0.6	12	SERAM, INDONESIA
	05	18 35 41.1	31.725	S	68.141	W	33	N			1.3	9	SAN JUAN PROVINCE, ARGENTINA
	05	19 37 04.0?	30.72	S	72.42	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	05	19 38 44.8	38.347	N	27.873	E	10	G			0.9	6	TURKEY. MD 3.0 (ISK).
	05	19 55 48.4%	36.511	N	2.985	W	10	G			1.1	10	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	05	21 01 06.8*	38.335	N	22.287	E	10	G			0.3	5	GREECE. MD 2.7 (ATH).
	05	21 25 27.0?	0.88	N	119.98	E	33	N	4.0		0.8	7	MINAHASSA PENINSULA, SULAWESI
	05	21 53 00.0	37.197	N	28.499	E	10	G			1.1	9	TURKEY. MD 3.7 (ATH), 3.2 (ISK).
	05	22 47 23.5*	21.855	S	169.600	E	33	N	4.0		0.5	8	LOYALTY ISLANDS REGION
	05	23 19 18.9%	43.056	N	18.041	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	06	00 08 22.0	40.325	N	25.801	E	10	G			0.5	6	AEGEAN SEA. MD 3.0 (ISK).
	06	00 11 18.7	37.226	N	28.017	E	10	G			0.1	7	TURKEY. MD 3.5 (ATH), 3.0 (ISK).
	06	00 56 55.7?	40.98	N	50.29	E	33	N	3.9		0.8	10	CASPIAN SEA
	06	00 58 32.2*	43.052	N	0.331	W	10	G			0.2	5	PYRENEES. ML 1.6 (STR). Felt (II) in the Ossau Valley, France.
	06	01 58 45.5*	38.615	N	21.536	E	10	G			1.9	7	GREECE. MD 2.8 (ATH).
	06	02 09 17.8	38.165	N	21.732	E	10	G			1.2	17	GREECE. MD 3.5 (ATH).
	06	02 36 50.7	43.189	N	0.326	W	10	G			1.0	52	PYRENEES. ML 4.3 (LDG). mbLg 3.5 (MDD). Felt (IV) in the Ossau Valley, France.
	06	02 38 58.9*	9.637	N	83.698	W	33	N	4.4		1.2	43	COSTA RICA. MD 4.7 (UPA).
	06	02 44 31.8	37.136	N	27.907	E	10	G			1.2	8	TURKEY. MD 3.7 (ATH), 3.1 (ISK).
	06	03 11 25.3*	43.022	N	0.325	W	10	G			0.5	5	PYRENEES. ML 2.1 (LDG), 1.7 (STR).
	06	03 14 23.2	43.197	N	0.306	W	10	G			1.0	38	PYRENEES. ML 3.9 (LDG). mbLg 3.4 (MDD).
	06	03 16 57.5	43.040	N	0.368	W	5	G			0.1	4	PYRENEES. ML 2.3 (LDG). Felt (II) in the Ossau Valley, France.
	06	03 25 10.2	43.045	N	0.318	W	10	G			0.4	9	PYRENEES. ML 3.0 (LDG), 2.5 (STR). Felt (III) in the Ossau Valley, France.
	06	03 26 58.6	43.063	N	0.320	W	10	G			0.6	7	PYRENEES. ML 2.7 (LDG), 2.2 (STR).
	06	04 00 01.4?	33.16	S	109.62	W	10	G	4.1		1.1	17	SOUTHERN EAST PACIFIC RISE
	06	04 06 54.0%	39.192	N	27.696	E	10	G			0.9	5	TURKEY. MD 3.0 (ISK).
	06	04 17 19.7?	43.03	N	0.32	W	10	G			0.1	4	PYRENEES. ML 1.5 (STR).
	06	04 17 40.4	38.140	N	30.043	E	10	G	3.6		0.9	21	TURKEY. MD 3.7 (ISK). Felt in the Afyon area.
	06	04 28 23.1&	62.922	N	150.498	W	105		2.5			94	CENTRAL ALASKA. <AEIC>.
	06	05 03 08.3*	43.042	N	0.337	W	10	G			0.2	5	PYRENEES. ML 2.3 (LDG), 1.8 (STR).
	06	05 12 00.2*	54.861	S	127.882	W	10	G	4.7		1.1	24	PACIFIC-ANTARCTIC RIDGE
	06	05 27 55.6	27.174	N	130.014	E	33	N	4.8	4.0	1.1	93	RYUKYU ISLANDS
	06	05 30 21.8?	43.06	N	0.24	W	10	G			0.0	4	PYRENEES. ML 2.6 (LDG), 1.9 (STR).
	06	05 40 12.5&	61.247	N	147.269	W	32					50	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	05 50 48.0*	43.244	N	13.628	E	10	G			1.0	6	CENTRAL ITALY. ML 3.5 (LDG). MD 3.2 (FIR).
	06	06 13 57.2	34.939	S	72.030	W	33	N			0.7	20	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	06	06 20 07.5%	42.266	N	18.920	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	06	06 30 04.4%	44.422	N	7.308	E	10	G			0.4	6	NORTHERN ITALY. ML 2.0 (GEN).
	06	06 31 59.4?	60.03	S	25.31	W	33	N	4.3		1.2	8	SOUTH SANDWICH ISLANDS REGION
	06	06 41 17.9?	38.25	N	21.63	E	10	G			0.7	4	GREECE. MD 2.5 (ATH).
	06	07 07 21.6*	35.920	N	23.189	E	33	N			1.0	7	CRETE. MD 3.6 (ATH).
	06	07 23 58.5*	6.534	N	73.143	W	150	*	4.4		1.2	25	NORTHERN COLOMBIA
	06	07 33 31.7%	46.838	N	7.447	E	10	G			1.0	7	SWITZERLAND. ML 2.4 (LDG).
	06	07 36 09.4	28.886	N	34.945	E	10	G	3.9		1.4	19	EGYPT. ML 4.4 (JER), 4.0 (BHL).
	06	08 51 52.6	43.094	N	0.293	W	10	G			0.8	6	PYRENEES. ML 2.9 (LDG).
	06	09 15 03.9*	40.096	N	21.745	E	10	G			1.3	5	GREECE
	06	09 18 54.9	50.718	N	157.343	E	59	*	4.7		1.0	62	KURIL ISLANDS. Felt (III) at Severo-Kurilsk.
	06	09 26 25.0	27.120	N	129.990	E	33	N	4.5	4.3	1.1	32	RYUKYU ISLANDS
	06	10 02 49.0	2.845	N	99.063	E	165		4.6		1.0	78	NORTHERN SUMATERA, INDONESIA
	06	10 09 26.0	37.991	N	21.161	E	10	G			1.2	7	SOUTHERN GREECE. MD 3.0 (ATH).
	06	10 20 45.3*	32.674	S	71.583	W	33	N			0.9	17	NEAR COAST OF CENTRAL CHILE
	06	10 22 56.3?	37.21	N	20.49	E	10	G			0.2	4	IONIAN SEA. MD 2.8 (ATH).
	06	10 31 48.8	29.687	N	51.233	E	33	N	4.4		0.7	23	SOUTHERN IRAN
	06	10 38 27.8?	33.25	N	23.68	E	10	G			0.9	8	CENTRAL MEDITERRANEAN SEA. MD 3.9 (ATH).
	06	10 41 51.3?	4.34	S	147.44	E	33	N	3.9		1.0	6	BISMARCK SEA
a	06	10 43 16.2	27.198	N	130.013	E	33	N	5.0	5.0	1.2	114	RYUKYU ISLANDS. Mw 5.1 (HRV).
	06	10 52 16.3	27.187	N	130.044	E	33	N	4.9	4.8	1.2	90	RYUKYU ISLANDS
	06	11 33 46.4%	33.336	S	70.887	W	70	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	06	12 00 08.5	37.142	N	27.618	E	10	G			0.7	6	TURKEY. MD 3.2 (ISK).
	06	12 08 47.0*	34.423	S	70.662	W	100	G			0.2	13	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	06	12 46 01.0	40.161	N	21.796	E	10	G			0.9	21	GREECE. MD 3.1 (ATH). ML 2.7 (THE).
	06	12 55 58.6&	39.120	N	110.878	W	1		4.3			57	UTAH. <SLC-P>. MD 4.2 (SLC). Felt (V) at Clawson, Ferron and Orangeville; (IV) at Castle Dale, Cleveland and Huntington; (III) at East Carbon, Elmo, Green River, Price and Sunnyside. Also felt at Moab. Felt (III) at Grand Junction, Colorado.
	06	13 27 29.5%	40.341	N	23.931	E	10	G			0.6	5	GREECE. ML 2.4 (THE).
	06	13 54 05.8&	61.419	N	148.908	W	36					55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	13 59 44.8?	0.05	S	17.40	W	10	G	4.0		1.2	8	NORTH OF ASCENSION ISLAND

	06	15	13	39.6	39.241	N	27.852	E	10	G			1.1	10	TURKEY. MD 3.6 (ATH), 2.9 (ISK).
a	06	15	28	03.9	45.354	N	151.018	E	33	N	5.5	5.1	0.9	344	KURIL ISLANDS. Mw 5.5 (HRV). Felt (III) at Severo-Kurilsk, Paramushir and (II) at Yuzhno-Kurilsk, Kunashir.
	06	15	39	23.6	45.306	N	151.095	E	33	N	5.2	4.7	0.9	201	KURIL ISLANDS
a	06	15	48	38.9	4.292	S	152.204	E	151		5.1		1.0	131	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
	06	16	34	04.0*	7.798	S	112.883	E	63	?	4.2		1.0	12	JAWA, INDONESIA
	06	16	37	51.3	37.305	N	28.163	E	10	G			1.4	6	TURKEY. MD 3.1 (ISK).
	06	16	52	04.5?	45.85	N	150.55	E	33	N	4.1		1.1	6	KURIL ISLANDS
	06	16	56	09.7*	45.320	N	151.057	E	33	N	3.8		1.2	17	KURIL ISLANDS
	06	17	35	28.1*	34.110	S	70.312	W	100	G			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	06	18	03	15.2	6.719	S	129.614	E	100	G	4.1		0.9	14	BANDA SEA
	06	18	07	49.1	3.453	N	128.033	E	33	N	4.7		1.0	33	NORTH OF HALMAHERA, INDONESIA
	06	18	25	30.9	27.096	N	130.068	E	33	N	4.4		1.1	55	RYUKYU ISLANDS
	06	18	42	59.1*	16.087	S	73.676	W	68	*	4.1		1.2	8	NEAR COAST OF PERU
	06	18	43	23.3*	23.955	S	66.653	W	208	*	3.5		1.3	11	JUJUY PROVINCE, ARGENTINA
	06	18	44	57.1*	16.024	S	74.117	W	33	N	4.5		0.9	15	NEAR COAST OF PERU
	06	18	54	04.6&	63.216	N	150.604	W	131					50	CENTRAL ALASKA. <AEIC>.
	06	19	16	25.6	39.809	N	143.265	E	33	N	4.8	4.3	1.0	90	OFF EAST COAST OF HONSHU, JAPAN
	06	19	27	08.8*	39.702	N	143.370	E	45	*	3.9		0.7	21	OFF EAST COAST OF HONSHU, JAPAN
	06	19	32	37.0%	40.351	N	24.035	E	10	G			0.5	7	AEGEAN SEA. ML 2.6 (THE).
	06	19	57	07.3?	13.21	N	92.75	W	33	N	3.9		1.0	6	OFF COAST OF CHIAPAS, MEXICO
	06	20	24	49.2	27.104	N	130.143	E	33	N	4.3		0.9	35	RYUKYU ISLANDS
	06	20	53	29.9?	29.20	N	34.69	E	10	G			0.0	4	EGYPT. MD 3.7 (RYD).
	06	21	12	24.0	40.362	N	23.971	E	10	G			0.6	10	GREECE. MD 2.7 (ATH). ML 2.5 (THE).
	06	21	25	21.8*	21.808	S	68.388	W	150	G	3.7		1.2	9	CHILE-BOLIVIA BORDER REGION
	06	21	52	11.7*	15.332	N	94.704	W	60	G	3.5		1.0	6	NEAR COAST OF OAXACA, MEXICO
	06	22	05	37.4?	33.33	S	72.79	W	10	G			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.0 (SAN).
	06	22	20	01.1%	9.896	N	70.079	W	10	G			0.5	5	VENEZUELA
	06	22	35	40.7	38.058	N	28.882	E	10	G			0.9	6	TURKEY. MD 3.0 (ISK).
	06	22	36	16.2	9.595	S	124.865	E	33	N	4.6		1.4	38	TIMOR REGION, INDONESIA
	06	22	50	39.1*	19.104	S	67.307	W	247		4.0		1.3	12	SOUTHERN BOLIVIA
	06	23	22	28.8%	42.356	N	18.938	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	06	23	40	41.3	40.231	N	25.149	E	10	G			0.7	12	AEGEAN SEA. ML 3.2 (THE). MD 3.0 (ATH).
	06	23	51	39.8	15.746	N	120.594	E	33	N	4.2		0.4	22	LUZON, PHILIPPINE ISLANDS
	06	23	52	57.6?	37.87	N	21.19	E	10	G			1.0	4	SOUTHERN GREECE. MD 2.8 (ATH).
	07	00	33	31.9	27.046	N	130.073	E	33	N	4.0		1.1	39	RYUKYU ISLANDS
	07	00	39	47.7	40.229	N	25.168	E	10	G			0.7	12	AEGEAN SEA. ML 3.0 (THE). MD 2.9 (ATH).
	07	00	55	38.6	21.612	S	68.398	W	149	*	3.7		0.9	11	CHILE-BOLIVIA BORDER REGION
	07	01	09	45.0?	39.53	N	26.88	E	10	G			0.4	4	TURKEY. MD 3.0 (ISK).
	07	01	21	09.0%	28.806	S	67.178	W	150	G			0.3	6	LA RIOJA PROVINCE, ARGENTINA
	07	01	26	15.9&	62.511	N	151.151	W	94					50	CENTRAL ALASKA. <AEIC>.
	07	01	33	46.6*	1.021	N	120.171	E	33	N	4.5		0.7	19	MINAHASSA PENINSULA, SULAWESI
	07	01	42	04.9	0.076	S	123.631	E	116	*	4.7		1.2	60	MINAHASSA PENINSULA, SULAWESI
	07	01	46	56.7?	34.03	S	70.03	W	10	G			0.1	7	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	07	01	53	07.4?	28.28	S	177.14	W	33	N	4.2		0.6	7	KERMADEC ISLANDS REGION
	07	01	59	43.9?	38.40	N	21.70	E	10	G			1.1	4	GREECE. MD 2.5 (ATH).
	07	02	01	58.7	54.001	N	159.308	E	33	N	4.6		1.0	73	NEAR EAST COAST OF KAMCHATKA
	07	02	09	09.2	38.718	N	119.584	W	5	G			0.7	30	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS), 3.3 (BRK). Small precursor occurred about 12 seconds prior to this event.
a	07	02	09	48.5	53.974	N	159.296	E	33	N	5.0	5.0	1.2	145	NEAR EAST COAST OF KAMCHATKA. Mw 5.3 (HRV). Ms 4.7 (BRK).
	07	03	24	56.0	28.505	S	67.493	W	143		4.5		0.9	58	LA RIOJA PROVINCE, ARGENTINA
	07	03	27	51.4?	43.37	N	3.94	E	10	G			0.1	4	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
a	07	03	42	46.7	24.197	S	178.844	W	390	D	5.0		1.1	147	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV). mb 5.0 (BRK).
	07	03	48	14.7	6.578	S	129.727	E	125	*	4.4		0.8	17	BANDA SEA
	07	04	20	15.6	7.047	S	154.814	E	33	N	4.4		0.6	32	SOLOMON ISLANDS
	07	04	42	34.7%	10.000	N	70.118	W	10	G			0.5	5	VENEZUELA
	07	05	28	00.9	6.922	S	125.256	E	524		5.2		1.0	146	BANDA SEA
	07	06	21	14.9	44.512	N	149.290	E	33	N	3.9		0.9	26	KURIL ISLANDS
	07	07	02	43.7	10.613	S	161.412	E	33	N	4.6		0.7	28	SOLOMON ISLANDS
	07	07	06	06.8	44.292	N	146.986	E	33	N	4.2		1.1	27	KURIL ISLANDS
	07	07	25	41.9	10.581	S	161.314	E	33	N	4.7		1.1	49	SOLOMON ISLANDS
	07	07	47	07.5	13.528	S	77.008	W	33	N	4.7		0.8	60	OFF COAST OF PERU. Felt (II) at Chincha Alta and Pisco.
	07	07	51	40.5*	40.113	N	19.805	E	10	G			1.1	6	ALBANIA. MD 2.8 (ATH). ML 2.6 (TIR).
	07	07	57	11.2?	1.18	S	125.99	E	33	N	4.4		1.1	10	SOUTHERN MOLUCCA SEA
	07	08	00	18.0*	29.074	S	71.090	W	33	N	4.3		0.5	7	NEAR COAST OF CENTRAL CHILE
a	07	08	00	29.9	10.653	S	161.260	E	33	N	5.1	5.0	1.0	129	SOLOMON ISLANDS. Mw 5.4 (HRV).
	07	08	20	52.3*	1.180	N	120.285	E	33	N	4.4		1.5	13	MINAHASSA PENINSULA, SULAWESI
	07	08	21	30.2?	39.11	N	27.60	E	10	G			1.0	4	TURKEY. MD 2.7 (ISK).
	07	08	32	26.1?	39.12	N	27.58	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
	07	08	48	40.8?	10.79	S	161.48	E	33	N	3.6		1.1	6	SOLOMON ISLANDS
	07	10	02	39.5*	19.296	N	104.587	W	100	G	3.9		0.9	15	NEAR COAST OF JALISCO, MEXICO
	07	10	15	39.1*	7.814	S	129.469	E	33	N	3.6		0.7	11	BANDA SEA
	07	10	32	46.3&	36.470	N	117.617	W	6	G				87	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.8 (PAS), 3.8 (GS), 4.0 (BRK). Felt (IV) at Darwin, California.
	07	11	03	49.2?	31.74	S	69.12	W	100	G			1.2	5	SAN JUAN PROVINCE, ARGENTINA
	07	11	06	46.9*	39.147	N	27.594	E	10	G			0.2	5	TURKEY. MD 2.8 (ISK).
	07	11	12	50.3?	27.12	N	130.25	E	33	N	3.8		0.6	5	RYUKYU ISLANDS
	07	11	23	56.3	42.348	N	18.938	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	07	11	27	48.4&	36.481	N	117.603	W	6	G				39	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	07	12	12	46.9?	36.61	N	28.69	E	10	G			1.3	5	DODECANESE ISLANDS. MD 3.2 (ISK).
	07	12	18	34.1?	39.15	N	27.56	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
	07	13	04	52.0&	63.195	N	150.594	W	136		3.5			95	CENTRAL ALASKA. <AEIC>.
a	07	13	14	30.4	6.921	S	155.843	E	43	G	5.6	5.3	0.9	301	SOLOMON ISLANDS. Mw 5.6 (GS), 5.6 (HRV). Ms 5.2 (BRK). Depth from broadband displacement seismograms.
	07	13	22	06.9%	9.947	N	70.131	W	10	G			1.2	6	VENEZUELA
	07	13	27	01.9	17.390	N	94.684	W	141	D	4.6		1.1	81	CHIAPAS, MEXICO
	07	14	18	37.2&	58.780	N	152.956	W	60					40	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	07	14	23	38.0&	36.587	N	121.179	W	3					56	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
	07	14	25	08.8*	40.083	N	142.581	E	63	*	3.9		1.0	20	NEAR EAST COAST OF HONSHU, JAPAN
	07	14	32	53.0&	35.766	N	117.649	W	6		4.6	5.0		160	CENTRAL CALIFORNIA. <PAS-P>. ML 5.2 (PAS), 5.4 (BRK).

														Mo=2.8*10**16 Nm (BRK). Felt in the China Lake-Ridgecrest area. Felt as far as the Los Angeles area.
	07	14	44	17.0&	35.768	N	117.646	W	7				13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	14	50	31.1&	35.768	N	117.647	W	6				59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	07	14	57	43.4&	35.755	N	117.640	W	6				39	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	14	58	03.5&	35.762	N	117.645	W	6				28	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	14	59	41.8&	35.773	N	117.640	W	7				50	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	07	15	06	33.9&	35.762	N	117.632	W	5				60	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	07	15	27	19.4*	3.078	S	67.565	E	10	G	4.2	1.0	18	CARLSBERG RIDGE
	07	15	37	54.0	40.392	N	25.879	E	10	G		1.1	16	AEGEAN SEA. ML 3.4 (THE). MD 3.3 (ISK), 3.1 (ATH).
	07	15	40	23.5&	35.770	N	117.653	W	7				63	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
a	07	15	43	06.6	2.863	S	67.866	E	10	G	5.3 5.1	1.0	96	CARLSBERG RIDGE. Mw 5.3 (HRV).
	07	15	48	29.5*	2.805	S	68.050	E	10	G	4.7	1.2	36	CARLSBERG RIDGE
	07	15	50	23.4*	2.675	S	68.154	E	10	G	4.5	1.0	15	CARLSBERG RIDGE
	07	16	04	14.9&	35.768	N	117.643	W	5				71	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.5 (GS).
	07	16	06	36.8%	28.735	N	34.670	E	10	G		0.4	5	EGYPT. MD 3.5 (RYD).
	07	16	15	19.6	46.094	N	6.955	E	10	G		1.1	22	SWITZERLAND. ML 2.5 (LDG).
	07	16	24	15.0&	35.767	N	117.653	W	7				61	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	07	16	46	14.5*	20.674	S	174.303	W	33	N	4.8	1.2	45	TONGA ISLANDS
	07	17	02	57.9	6.385	S	147.091	E	118		5.0	0.9	83	EASTERN NEW GUINEA REG., P.N.G.
	07	17	07	20.3%	28.760	N	34.585	E	10	G		0.5	5	EGYPT. MD 3.2 (RYD).
	07	17	24	40.9	27.122	N	130.087	E	33	N	4.1	0.9	27	RYUKYU ISLANDS
	07	17	38	28.8	32.105	S	69.747	W	120	G		0.6	17	MENDOZA PROVINCE, ARGENTINA. MD 3.2 (SAN).
	07	17	56	24.9	10.670	S	161.339	E	33	N	4.7 4.9	1.1	62	SOLOMON ISLANDS
	07	18	01	49.3?	31.72	N	78.53	E	33	N		0.4	13	XIZANG-INDIA BORDER REGION
	07	18	08	13.8	3.513	S	126.423	E	33	N	4.7 4.4	1.2	32	BURU, INDONESIA
	07	18	48	29.0%	28.737	N	34.737	E	10	G		0.2	5	EGYPT. MD 3.8 (RYD).
	07	18	53	16.3%	28.744	N	34.727	E	10	G		0.5	5	EGYPT. MD 3.3 (RYD).
	07	19	15	39.8?	10.44	S	161.79	E	33	N	3.9	0.3	7	SOLOMON ISLANDS
	07	20	06	27.4	10.883	S	164.720	E	33	N	4.6 4.9	1.3	32	SANTA CRUZ ISLANDS REGION
	07	20	25	25.1&	62.157	N	147.824	W	33				75	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	20	29	45.4*	23.708	S	179.677	W	500	G	4.5	1.0	26	SOUTH OF FIJI ISLANDS
	07	20	49	42.0%	33.315	S	71.298	W	60	G		0.2	11	NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).
	07	21	21	53.8*	1.049	N	120.184	E	33	N	4.4	1.1	19	MINAHASSA PENINSULA, SULAWESI
	07	21	30	18.6	21.770	S	179.364	W	600	G	4.4	0.4	11	FIJI ISLANDS REGION
	07	22	08	39.7	15.550	S	174.068	W	103	D	4.7	0.9	70	TONGA ISLANDS. mb 4.7 (BRK).
	07	22	18	17.1%	28.734	S	67.778	W	33	N		1.1	5	LA RIOJA PROVINCE, ARGENTINA
	07	22	23	34.1	51.683	N	16.078	E	10	G		0.9	14	POLAND. ML 2.4 (MOX).
	07	22	24	27.5*	37.840	N	20.486	E	10	G		1.3	6	IONIAN SEA. MD 3.0 (ATH).
	07	23	07	43.7	29.362	N	130.599	E	33		4.9 5.1	1.2	134	RYUKYU ISLANDS
	07	23	19	33.0	10.734	S	161.303	E	33	N	4.7	0.8	46	SOLOMON ISLANDS
	07	23	40	49.9?	44.11	N	129.41	W	10	G	2.9	0.5	26	OFF COAST OF OREGON
	07	23	49	18.8?	0.96	N	120.38	E	33	N	4.2	1.6	13	MINAHASSA PENINSULA, SULAWESI
	08	00	24	03.7&	59.729	N	153.326	W	125				75	SOUTHERN ALASKA. <AEIC>.
	08	01	09	44.0	10.774	S	161.419	E	33	N	4.6 4.6	1.1	32	SOLOMON ISLANDS
	08	01	18	59.8?	15.02	N	90.60	W	33	N	3.8	0.8	7	GUATEMALA
	08	02	21	44.9	10.751	S	161.271	E	33	N	4.4	1.1	31	SOLOMON ISLANDS
	08	02	44	08.3*	53.260	N	157.746	E	33	N	3.5	0.6	9	KAMCHATKA
	08	03	04	07.8	10.722	S	161.295	E	33	N	4.8 4.7	1.2	73	SOLOMON ISLANDS
	08	03	06	27.5	38.761	N	119.561	W	5	G		0.7	38	CALIFORNIA-NEVADA BORDER REGION. MD 3.2 (GM). ML 3.1 (BRK), 3.0 (GS).
	08	03	23	23.3%	33.672	S	70.495	W	100	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
	08	03	42	29.6?	54.82	N	159.53	E	100	G	3.6	0.8	6	NEAR EAST COAST OF KAMCHATKA
	08	03	44	32.6	9.183	S	124.015	E	33	N	4.1	1.0	23	TIMOR REGION, INDONESIA
	08	04	21	34.4?	36.90	N	3.86	W	10	G		1.0	4	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	08	04	23	10.4	10.741	S	161.399	E	33	N	4.6 4.8	1.3	43	SOLOMON ISLANDS
	08	04	41	51.3*	10.521	S	161.318	E	33	N	4.3	1.1	19	SOLOMON ISLANDS
	08	05	11	33.8	27.151	N	130.043	E	33	N	4.3	1.3	46	RYUKYU ISLANDS
	08	05	43	48.1*	23.391	S	179.715	E	600	G	4.5	0.9	17	SOUTH OF FIJI ISLANDS
	08	06	06	20.8?	36.94	N	23.10	E	10	G		0.5	4	SOUTHERN GREECE. ML 2.8 (ATH).
	08	07	28	31.6	10.703	S	161.447	E	33	N	4.7 4.6	0.8	47	SOLOMON ISLANDS
	08	07	46	00.3*	10.723	S	161.441	E	33	N	4.2	0.5	6	SOLOMON ISLANDS
	08	08	00	13.6	6.706	N	72.987	W	167		4.8	0.9	149	NORTHERN COLOMBIA
	08	08	06	31.4	44.116	N	8.106	E	14			0.5	23	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (GEN).
	08	08	20	28.0	31.836	S	71.639	W	33	N		0.4	17	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	08	08	21	18.3?	38.10	N	26.97	E	10	G		0.6	4	AEGEAN SEA. MD 3.5 (ATH), 3.1 (ISK).
	08	08	25	09.3?	39.19	N	27.48	E	10	G		0.6	4	TURKEY. MD 2.8 (ISK).
	08	08	26	20.6?	3.59	S	102.84	E	100	G	4.4	0.6	7	SOUTHERN SUMATERA, INDONESIA
	08	08	37	54.7%	45.027	N	6.542	E	10	G		0.2	7	FRANCE. ML 2.1 (GEN).
	08	08	47	52.7*	1.961	N	121.062	E	33	N	4.3	0.3	15	MINAHASSA PENINSULA, SULAWESI
	08	08	57	11.0&	35.758	N	117.623	W	4		3.6		106	CENTRAL CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.4 (BRK), 4.1 (GS).
	08	09	06	16.7?	10.57	S	161.44	E	33	N	4.0	1.0	11	SOLOMON ISLANDS
	08	09	08	58.6	44.105	N	148.488	E	33	N	4.7	1.2	103	KURIL ISLANDS
	08	09	20	17.4	16.232	N	98.201	W	33	N	5.0	1.1	117	NEAR COAST OF GUERRERO, MEXICO. Felt in the Mexico City area.
	08	09	24	47.3	6.692	S	154.719	E	76	*	4.4	0.8	34	SOLOMON ISLANDS
	08	09	44	10.5*	35.915	N	78.269	E	33	N	3.7	0.9	11	EASTERN KASHMIR
a	08	10	04	47.8	53.304	N	142.738	E	8	G	5.6 5.3	0.9	453	SAKHALIN ISLAND. Mw 5.6 (GS), 5.6 (HRV). Ms 5.1 (BRK). Mo=5.9*10**17 Nm (OBN). Fourteen houses damaged at Okha. Felt (VII) at Russa; (VI) at Okha and Tungor; (V) at Moskalvo, Nogliki and Vostochnyy; (IV) at Nekrasovka and Rybnoye. Depth from broadband displacement seismograms.
	08	10	09	49.4*	50.433	N	18.989	E	10	G		0.9	7	POLAND. MG 2.9 (WAR).
	08	10	13	22.8*	53.368	N	142.573	E	10	G	4.2	0.6	16	SAKHALIN ISLAND
	08	10	14	47.9?	49.73	S	110.65	E	10	G	3.9	0.8	6	SOUTHEAST INDIAN RIDGE
	08	10	36	31.5?	39.20	N	27.48	E	10	G		0.3	4	TURKEY. MD 2.6 (ISK).
	08	10	45	57.1%	36.573	N	23.703	E	10	G		1.0	5	SOUTHERN GREECE. MD 3.4 (ATH).
	08	10	52	28.9&	35.784	N	117.635	W	5		4.2		131	CENTRAL CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 5.0 (BRK).
	08	10	59	18.2?	8.10	S	129.94	E	150	G	3.6	1.1	9	TIMOR SEA
	08	11	17	16.0	53.383	N	142.869	E	10	G	4.6	1.0	58	SAKHALIN ISLAND. Felt (IV) at Moskalvo and Okha.

	08	11 20 27.1	11.502	S	120.626	E	33	N	4.7		1.0	32	SOUTH OF SUMBA, INDONESIA
	08	11 20 55.3%	40.259	N	28.708	E	10	G			0.2	5	TURKEY. MD 2.8 (ISK).
	08	11 45 56.5	43.951	N	16.628	E	10	G	3.5		1.2	61	NORTHWESTERN BALKAN REGION. MD 3.9 (TRI). ML 3.8 (ROM), 3.8 (VIE). Felt at Knin, Sibenik, Sinj and Split, Croatia.
	08	11 52 09.7	20.198	S	68.696	W	110	D	4.8		0.9	74	CHILE-BOLIVIA BORDER REGION
	08	11 54 18.9?	39.11	N	27.66	E	10	G			0.5	4	TURKEY. MD 2.6 (ISK).
	08	12 29 16.2%	27.944	S	26.794	E	5	G			1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	08	13 04 45.8	24.110	N	122.386	E	39	D	4.5	4.1	1.3	39	TAIWAN REGION
	08	13 15 51.9%	38.989	N	27.761	E	10	G			0.5	5	TURKEY. MD 2.7 (ISK).
	08	13 18 25.0	29.254	N	34.728	E	10	G	4.0		0.8	17	EGYPT. ML 4.4 (JER). MD 4.1 (RYD).
	08	13 30 49.5	53.268	N	142.785	E	10	G	4.7		1.0	72	SAKHALIN ISLAND. Felt (IV) at Okha.
	08	13 40 58.0	18.096	S	178.304	W	597	D	4.8		1.0	180	FIJI ISLANDS REGION. mb 4.8 (BRK).
	08	13 46 59.3%	39.117	N	27.572	E	10	G			0.6	5	TURKEY. MD 2.6 (ISK).
	08	13 56 23.0?	21.23	S	174.65	W	33	N	4.8		0.6	10	TONGA ISLANDS
a	08	13 59 45.8	45.381	N	150.191	E	33	N	5.3	5.0	0.8	319	KURIL ISLANDS. Mw 5.5 (HRV). Felt (II) on Urup.
	08	14 26 58.0%	39.121	N	27.621	E	10	G			0.5	5	TURKEY. MD 2.6 (ISK).
	08	14 43 58.4&	61.457	N	150.308	W	48					74	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	08	14 49 04.1&	35.777	N	117.637	W	5					80	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 4.1 (BRK), 3.7 (GS).
	08	14 54 33.1*	30.037	N	142.466	E	33	N	4.0		1.1	10	SOUTH OF HONSHU, JAPAN
	08	14 59 04.6&	35.784	N	117.644	W	6					40	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	08	15 19 57.2?	47.84	N	16.59	E	5	G			0.6	6	AUSTRIA. ML 2.3 (VIE). Felt (IV) at Ebreichsdorf.
	08	15 56 12.7&	61.011	N	150.082	W	41					44	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	08	16 15 16.9&	61.518	N	149.934	W	40					41	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	08	16 18 58.2	14.975	N	147.079	E	33	N	3.8		0.6	20	MARIANA ISLANDS REGION
	08	16 19 32.0*	37.600	N	72.039	E	100	G	4.1		0.9	21	TAJIKISTAN
	08	16 36 59.5&	35.779	N	117.639	W	5					58	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
a	08	16 55 07.6	0.988	N	120.202	E	33	N	5.2		0.9	112	MINAHASSA PENINSULA, SULAWESI. Mw 5.3 (HRV).
	08	17 02 25.2?	23.47	S	178.97	W	500	G	4.3		1.0	20	SOUTH OF FIJI ISLANDS
	08	17 42 30.3	24.862	S	70.087	W	90	*	4.5		0.9	32	NEAR COAST OF NORTHERN CHILE
	08	18 13 48.5*	32.616	S	70.570	W	90	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	08	18 43 21.0	40.192	N	20.381	E	5	G			1.2	14	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 3.1 (THE), 3.0 (TIR).
	08	19 09 51.4?	31.41	S	67.94	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	08	19 35 10.9	45.292	N	150.998	E	33	N	4.8		1.1	104	KURIL ISLANDS
	08	20 16 41.4	26.150	S	70.718	W	33	N	4.5		1.1	33	NEAR COAST OF NORTHERN CHILE
	08	20 44 47.4?	35.33	S	71.39	W	110	G			0.3	10	CENTRAL CHILE. MD 3.3 (SAN).
	08	20 54 08.3*	38.068	N	29.997	E	10	G			1.4	5	TURKEY. MD 3.1 (ISK).
	08	21 20 37.9*	13.538	S	76.789	W	46	*	4.4		0.7	19	NEAR COAST OF PERU. Felt (III) at Pisco and San Vicente de Canete; (II) at Chincha Alta.
	08	21 24 00.5&	35.767	N	117.649	W	6					16	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	08	21 43 09.7?	29.19	N	34.69	E	10	G			0.1	5	EGYPT. MD 3.8 (RYD), 3.7 (HLW). ML 3.8 (BHL).
	08	22 25 20.7*	28.070	N	130.183	E	47	*	4.6		0.9	17	RYUKYU ISLANDS
	08	22 40 36.0&	35.768	N	117.647	W	6					66	CENTRAL CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS).
	08	22 41 56.0?	11.96	N	145.26	E	33	N	4.3		1.0	9	SOUTH OF MARIANA ISLANDS
	08	23 39 56.8*	17.908	S	168.545	E	103		4.6		1.0	17	VANUATU ISLANDS
	08	23 48 37.6%	38.586	N	30.594	E	10	G			0.3	5	TURKEY. MD 3.1 (ISK).
	08	23 59 31.3	29.612	N	51.251	E	33	N	4.0		0.8	23	SOUTHERN IRAN
	09	00 10 36.8%	28.895	N	34.651	E	10	G			0.5	5	EGYPT. MD 3.8 (RYD).
	09	00 27 16.5?	54.32	N	159.76	E	33	N	3.8		0.3	6	NEAR EAST COAST OF KAMCHATKA
	09	00 46 22.2*	8.873	S	125.370	E	33	N	4.2		0.8	11	TIMOR REGION, INDONESIA
	09	01 02 59.3*	23.539	S	70.523	W	33	N	4.4		1.2	33	NEAR COAST OF NORTHERN CHILE
	09	01 07 21.5	47.957	N	16.382	E	10	G			1.0	79	AUSTRIA. ML 4.5 (CLL), 4.3 (GRF), 4.1 (FUR), 4.1 (MOX), 4.1 (VIE). Felt (VI) at Baden and Ebreichsdorf.
	09	01 45 09.2*	28.108	N	129.578	E	46	*	3.9		1.1	9	RYUKYU ISLANDS
	09	01 48 44.7?	23.76	S	66.69	W	200	G	3.6		1.1	5	JUJUY PROVINCE, ARGENTINA
	09	02 03 13.1&	61.751	N	149.682	W	38					55	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
	09	02 10 11.7	39.412	N	26.092	E	10	G			0.9	9	TURKEY. MD 3.2 (ISK), 3.0 (ATH).
	09	02 30 05.8?	4.46	S	151.72	E	33	N	3.4		1.1	6	NEW BRITAIN REGION, P.N.G.
	09	02 44 31.3&	60.256	N	151.945	W	71		2.8			102	KENAI PENINSULA, ALASKA. <AEIC>.
	09	02 52 14.0%	33.968	S	71.039	W	60	G			0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	09	03 49 17.3	51.626	N	16.164	E	10	G			0.8	15	POLAND. ML 3.4 (VIE), 2.7 (MOX).
	09	04 00 24.4%	31.387	S	68.616	W	100	G			1.3	9	SAN JUAN PROVINCE, ARGENTINA
	09	04 11 16.6*	8.200	S	119.095	E	150	G	4.1		0.8	5	FLORES REGION, INDONESIA
	09	04 26 21.9	15.043	N	60.767	W	100	G			0.2	9	LEEWARD ISLANDS. MG 3.1 (FDF).
	09	05 03 44.3	51.473	N	6.335	E	10	G			1.2	22	GERMANY. ML 3.2 (LDG), 2.9 (DBN), 2.6 (UCC).
a	09	06 27 54.4	43.697	N	85.647	E	33	N	5.2	5.2	1.2	248	NORTHERN XINJIANG, CHINA. Mw 5.4 (HRV). ML 5.4 (BJI).
	09	07 03 09.3%	42.272	N	19.032	E	5	G			0.3	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	09	07 24 15.9?	24.98	S	179.71	E	500	G	4.0		1.4	8	SOUTH OF FIJI ISLANDS
	09	07 36 58.7	37.133	N	3.885	W	10	G			1.1	43	SPAIN. mbLg 3.8 (MDD). Felt (IV) in the Cacin area.
	09	07 37 45.6	43.180	N	126.492	W	10	G	4.9	4.6	1.0	177	OFF COAST OF OREGON
	09	08 09 16.1	43.060	N	0.326	W	10	G			0.8	12	PYRENEES. ML 3.1 (LDG), 2.5 (STR). mbLg 3.0 (MDD).
	09	08 14 01.1	38.914	N	29.811	E	10	G			0.8	11	TURKEY. MD 3.3 (ISK).
	09	08 22 49.5?	39.19	N	27.18	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
	09	08 23 45.9?	39.22	N	27.37	E	10	G			0.4	4	TURKEY. MD 2.8 (ISK).
	09	08 33 14.3%	39.147	N	27.467	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	09	08 40 03.1	37.065	N	3.893	W	10	G			0.9	15	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Cacin area.
	09	08 43 05.9*	22.504	N	94.349	E	108	*	4.2		0.8	36	MYANMAR
	09	08 53 36.5*	32.305	S	71.624	W	10	G			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	09	09 03 57.8	40.318	N	25.889	E	10	G			1.1	17	AEGEAN SEA. ML 3.5 (THE). MD 3.4 (ISK).
	09	09 30 46.3	43.620	N	145.887	E	133	*	4.0		1.0	37	HOKKAIDO, JAPAN REGION
	09	09 34 01.4*	43.375	N	147.847	E	33	N	4.1		0.5	17	KURIL ISLANDS
	09	10 38 58.5	32.771	S	70.116	W	110	G			0.3	14	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	09	10 41 48.0*	51.103	N	15.836	E	10	G			1.2	5	POLAND
	09	10 43 35.6&	35.795	N	117.639	W	5					38	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	10 45 52.6&	61.320	N	150.927	W	49					77	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
	09	11 18 50.5*	52.877	N	173.300	W	215	*	3.9		1.0	18	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	11 21 07.5&	59.491	N	153.704	W	127					54	SOUTHERN ALASKA. <AEIC>.
	09	12 05 40.1?	5.50	S	146.83	E	151	*	3.8		1.2	14	EASTERN NEW GUINEA REG., P.N.G.
	09	12 06 10.5%	26.435	S	27.416	E	5	G			0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	09	12 31 50.1%	33.614	S	70.693	W	80	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	09	13 13 03.4	32.487	S	71.299	W	33	N			0.6	16	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).

	09	13	13	43.5	5.200	S	153.543	E	49	D	4.9	4.9	1.0	77	NEW IRELAND REGION, P.N.G.
	09	13	23	33.2&	35.775	N	117.639	W	5					71	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS). Felt at Ridgecrest.
	09	13	45	55.2	3.065	S	129.164	E	104	*	4.4		0.6	19	SERAM, INDONESIA
	09	15	05	34.8?	19.49	S	178.71	W	500	G	3.9		0.7	8	FIJI ISLANDS REGION
	09	15	18	25.4&	60.414	N	153.144	W	140		3.3			75	SOUTHERN ALASKA. <AEIC>.
a	09	15	24	41.2	22.619	S	171.068	E	56	*	5.1	5.1	1.1	100	LOYALTY ISLANDS REGION. Mw 5.4 (HRV).
	09	15	30	05.2?	40.35	N	27.36	E	5	G			0.5	5	TURKEY. MD 2.7 (ISK).
	09	15	31	33.5*	7.655	S	112.544	E	161	*	4.5		1.2	10	JAWA, INDONESIA
	09	15	38	06.2*	13.040	N	96.308	E	33	N	3.9		1.3	12	ANDAMAN ISLANDS, INDIA
	09	15	45	32.9?	38.87	N	37.24	W	10	G	3.9		0.8	7	NORTH ATLANTIC OCEAN
	09	16	46	26.0*	29.004	S	69.720	W	150	G			1.0	10	CHILE-ARGENTINA BORDER REGION
	09	16	51	12.5	32.253	S	69.837	W	130	G			0.4	13	MENDOZA PROVINCE, ARGENTINA. MD 2.9 (SAN).
	09	16	54	54.6	42.865	N	7.181	W	10	G			1.0	10	SPAIN. mbLg 3.7 (MDD). Felt (III) in the Sarria area.
	09	17	02	15.6?	33.87	S	70.36	W	110	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	09	17	21	32.3&	35.770	N	117.652	W	6					48	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Hypocenter is for first of two events about seven seconds apart.
	09	17	34	34.9%	33.626	S	69.985	W	10	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	09	17	37	16.7	40.757	N	21.275	E	10	G			0.3	7	GREECE. ML 2.5 (THE), 2.2 (SKO).
	09	18	45	06.8*	27.178	N	140.047	E	454		4.0		0.9	30	BONIN ISLANDS REGION
	09	18	54	42.4?	25.55	N	140.43	E	300	G	3.9		0.4	12	VOLCANO ISLANDS REGION
	09	19	09	20.1	40.546	N	23.617	E	10	G			0.4	9	GREECE. ML 2.7 (THE).
	09	19	14	19.7%	28.777	N	34.960	E	10	G			1.0	5	EGYPT. MD 3.4 (RYD).
	09	19	19	06.9*	18.617	N	106.095	W	33	N	4.3		1.1	23	OFF COAST OF JALISCO, MEXICO
	09	19	45	47.2	24.681	N	95.022	E	113		4.3		1.0	50	MYANMAR
	09	19	53	50.0*	5.400	S	144.946	E	33	N	4.1		1.4	7	NEW GUINEA, PAPUA NEW GUINEA
	09	19	57	53.0	32.335	S	71.666	W	10	G			0.9	20	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN). Felt (III) at Valparaiso.
	09	20	03	10.6	32.417	S	71.569	W	10	G			0.5	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	09	20	29	01.1?	1.72	N	126.99	E	33	N	4.4		0.6	7	NORTHERN MOLUCCA SEA
	09	20	30	46.7*	50.121	N	19.084	E	10	G			0.4	5	POLAND. MG 2.6 (WAR).
	09	20	36	37.1*	6.979	N	93.741	E	33	N	4.3		0.9	27	NICOBAR ISLANDS, INDIA
	09	20	51	30.5	51.637	N	16.246	E	10	G	3.3		0.7	21	POLAND. ML 3.3 (VIE), 3.1 (MOX).
	09	21	08	37.3&	35.761	N	117.634	W	5					60	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	09	22	21	02.2%	42.353	N	18.966	E	5	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	09	22	43	48.0	15.488	N	90.102	W	33	N	4.3		1.1	31	GUATEMALA
	09	22	59	49.6	33.746	S	68.359	W	33	N			0.8	12	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	09	23	44	03.3?	9.49	S	124.88	E	33	N	3.3		0.9	10	TIMOR REGION, INDONESIA
	09	23	45	03.6*	2.893	S	77.930	W	33	N	4.1		1.3	19	PERU-ECUADOR BORDER REGION
	09	23	56	19.7	43.152	N	13.592	E	10	G			1.0	60	CENTRAL ITALY. ML 3.8 (LDG). MD 3.6 (ROM), 3.3 (FIR).
	10	00	04	18.5&	36.818	N	121.539	W	6					92	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK), 3.1 (GS). Felt at San Juan Bautista.
	10	00	05	12.7?	33.57	S	179.82	W	33	N	4.7		0.7	11	SOUTH OF KERMADEC ISLANDS
	10	00	09	13.7*	36.429	N	24.456	E	33	N	3.9		1.2	7	SOUTHERN GREECE
	10	00	14	59.5*	1.031	N	119.902	E	33	N	4.7		0.6	13	CELEBES SEA
	10	00	54	42.9*	51.285	N	176.559	W	33	N	3.9		1.0	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	01	20	10.1*	6.735	S	147.257	E	94	*	4.2		0.8	14	EASTERN NEW GUINEA REG., P.N.G.
	10	01	39	22.0&	61.316	N	150.936	W	50					65	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
	10	01	49	59.8?	19.86	S	170.76	E	33	N	4.4		0.6	7	VANUATU ISLANDS
	10	02	16	58.3&	36.812	N	121.533	W	6					83	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.6 (BRK), 3.5 (GS). Felt at San Juan Bautista.
	10	03	26	36.0*	31.719	S	64.998	W	50	G			0.5	7	CORDOBA PROVINCE, ARGENTINA
	10	04	09	45.0?	12.55	S	169.21	E	600	G	4.6		0.6	13	SANTA CRUZ ISLANDS REGION
	10	04	12	19.4?	51.97	N	176.67	E	33	N	3.6		0.3	4	RAT ISLANDS, ALEUTIAN ISLANDS
	10	04	31	53.9%	26.839	S	26.708	E	5	G			0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	04	45	24.8?	45.85	N	152.45	E	33	N	4.0		0.9	6	EAST OF KURIL ISLANDS
	10	04	48	50.9	36.022	N	71.053	E	100	G	4.1		0.7	25	AFGHANISTAN-TAJIKISTAN BORD REG.
	10	05	02	30.9?	11.52	N	141.47	E	33	N	3.5		1.1	8	WESTERN CAROLINE ISLANDS
	10	05	20	00.7?	18.54	N	146.41	E	33	N	3.7		0.9	6	MARIANA ISLANDS
	10	05	21	21.8%	42.821	N	7.252	W	10	G			0.6	6	SPAIN. mbLg 3.4 (MDD). Felt (II) in the Sarria area.
	10	05	40	43.6	18.567	N	146.370	E	68	*	4.7		1.0	84	MARIANA ISLANDS
	10	05	49	27.3	53.380	N	142.803	E	10	G	4.5		1.0	50	SAKHALIN ISLAND. Felt (V) at Okha and (III) at Moskalvo.
	10	05	56	58.5	3.331	S	101.840	E	100	G	4.6		0.7	24	SOUTHERN SUMATERA, INDONESIA
	10	06	16	25.9	53.274	N	142.858	E	10	G	4.6		0.9	77	SAKHALIN ISLAND. Felt (V) at Okha and (IV) at Moskalvo.
	10	06	30	08.9*	25.460	N	127.801	E	25	*	3.8		0.8	9	RYUKYU ISLANDS
	10	06	38	05.6	50.490	N	18.779	E	10	G			0.9	11	POLAND. MG 2.9 (WAR).
	10	07	25	48.1*	51.184	N	16.058	E	10	G			1.4	7	POLAND. ML 2.4 (MOX).
	10	08	04	01.7?	54.57	N	155.81	E	33	N	3.8		1.2	5	KAMCHATKA
	10	08	43	42.2%	38.883	N	30.158	E	10	G			0.6	7	TURKEY. MD 3.0 (ISK).
	10	08	50	16.7*	24.088	S	66.898	W	200	G	3.6		1.0	13	SALTA PROVINCE, ARGENTINA
	10	09	12	39.9%	39.151	N	27.476	E	10	G			1.0	6	TURKEY. MD 2.8 (ISK).
	10	09	27	34.6*	36.781	N	73.136	E	100	G	3.8		0.9	13	NORTHWESTERN KASHMIR
	10	09	27	58.5	38.693	N	26.617	E	10	G			0.8	13	AEGEAN SEA. MD 3.4 (ISK), 3.3 (ATH).
	10	09	35	33.5?	6.55	S	152.02	E	100	G	4.0		1.3	7	NEW BRITAIN REGION, P.N.G.
	10	09	52	04.3*	45.490	N	149.854	E	33	N	4.0		1.0	18	KURIL ISLANDS
	10	10	07	56.9%	27.913	S	66.754	W	200	G			0.8	9	CATAMARCA PROVINCE, ARGENTINA
	10	10	23	11.9%	37.656	N	25.302	W	10	G			0.3	9	AZORES ISLANDS
	10	10	31	11.1?	1.45	N	120.12	E	33	N	4.2		0.8	9	MINAHASSA PENINSULA, SULAWESI
	10	10	37	36.0	22.174	N	77.666	E	10	G	4.0		0.8	31	SOUTHERN INDIA
	10	10	51	31.4%	39.115	N	27.634	E	10	G			0.2	5	TURKEY. MD 2.7 (ISK).
	10	11	01	19.4*	2.384	N	128.846	E	33	N	4.4		1.2	22	HALMAHERA, INDONESIA
	10	11	08	25.5	39.355	N	27.691	E	10	G			0.4	13	TURKEY. MD 3.3 (ISK).
	10	11	09	48.9	39.321	N	27.665	E	10	G			0.7	8	TURKEY. MD 3.1 (ISK).
	10	11	45	50.9	31.979	S	71.242	W	33	N			0.4	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	10	11	46	45.1*	13.213	N	144.858	E	70		4.3		1.1	30	MARIANA ISLANDS
	10	11	51	57.8*	5.535	S	102.773	E	33	N	4.5		0.8	21	SOUTHERN SUMATERA, INDONESIA
	10	12	11	42.9%	39.130	N	27.576	E	10	G			0.5	5	TURKEY. MD 2.6 (ISK).
	10	12	19	04.1*	22.463	N	94.249	E	33	N	4.2		0.9	16	MYANMAR
	10	12	30	36.4*	21.716	S	179.382	W	600	G	4.2		0.8	24	FIJI ISLANDS REGION
	10	12	37	49.1%	27.028	N	128.473	E	259	?	3.6		0.9	10	RYUKYU ISLANDS
	10	12	46	25.6?	2.49	N	128.98	E	33	N	3.7		0.5	7	HALMAHERA, INDONESIA
	10	12	47	19.6?	14.90	S	173.83	W	33	N	4.1		0.7	17	SAMOA ISLANDS REGION

	10	13	00	40.9%	39.072	N	27.573	E	10	G		0.5	5	TURKEY. MD 2.8 (ISK).
	10	13	02	41.2%	39.230	N	27.764	E	10	G		0.3	5	TURKEY. MD 2.7 (ISK).
	10	14	11	41.8%	26.361	S	27.487	E	5	G		0.7	12	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	10	14	14	40.6*	55.024	N	163.203	W	86	* 4.0		1.3	23	UNIMAK ISLAND REGION
	10	14	17	20.3%	28.033	S	26.934	E	5	G		0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	14	20	49.8&	36.573	N	121.138	W	7				35	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
	10	14	34	31.3	29.077	N	139.374	E	408	4.3		0.8	44	SOUTH OF HONSHU, JAPAN
	10	15	04	30.8?	34.53	S	71.34	W	70	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
	10	15	08	19.1?	2.33	N	128.71	E	33	N 4.5		0.8	10	HALMAHERA, INDONESIA
	10	15	21	27.2%	26.865	S	26.716	E	5	G		0.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	10	15	29	07.6%	9.242	N	80.196	W	10	G		1.3	5	PANAMA. MD 3.2 (UPA).
	10	15	35	33.0	55.565	N	166.270	E	33	N 4.7		1.0	113	KOMANDORSKY ISLANDS REGION. ML 4.4 (PMR).
	10	15	57	48.2	6.755	N	72.973	W	171	4.8		0.9	96	NORTHERN COLOMBIA
	10	16	11	42.1%	26.842	S	26.715	E	5	G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	16	17	48.1?	6.83	S	147.35	E	73	* 3.5		0.6	6	EASTERN NEW GUINEA REG., P.N.G.
	10	17	03	00.7*	44.168	N	114.383	W	5	G		1.3	10	WESTERN IDAHO. ML 3.5 (BUT).
	10	17	07	56.8?	6.54	S	146.53	E	55	? 3.7		1.3	8	EASTERN NEW GUINEA REG., P.N.G.
	10	17	08	38.8?	18.37	N	100.27	W	100	G 3.6		1.4	6	GUERRERO, MEXICO
	10	17	09	47.8?	38.12	N	21.65	E	10	G		0.1	4	GREECE. MD 2.9 (ATH).
	10	17	19	46.3	18.533	N	146.435	E	68	* 4.8		1.0	120	MARIANA ISLANDS
	10	17	22	56.7&	44.772	N	112.697	W	7				9	EASTERN IDAHO. <BUT-P>. ML 3.1 (BUT).
	10	17	26	44.6*	1.513	S	134.321	E	33	N 4.4		1.0	17	IRIAN JAYA REGION, INDONESIA
	10	18	10	34.7*	28.263	N	130.177	E	47	* 4.4		0.9	11	RYUKYU ISLANDS
	10	18	21	22.3?	54.00	N	159.16	E	33	N 3.8		1.4	6	NEAR EAST COAST OF KAMCHATKA
	10	20	40	08.7*	20.069	S	168.547	E	33	N 4.5		1.1	34	LOYALTY ISLANDS
	10	20	47	30.6*	20.094	S	168.541	E	33	N 4.8		0.8	14	LOYALTY ISLANDS
	10	20	57	32.0	2.372	N	128.918	E	33	N 4.5		1.1	41	HALMAHERA, INDONESIA
	10	20	57	45.1	37.374	N	26.989	E	10	G		0.9	8	DODECANESE ISLANDS. MD 3.7 (ATH), 3.4 (ISK).
	10	21	14	53.3*	2.418	N	128.756	E	33	N 4.3		1.2	14	HALMAHERA, INDONESIA
	10	21	17	11.3	2.347	N	128.851	E	33	N 4.6		1.0	47	HALMAHERA, INDONESIA
	10	21	46	42.5	40.038	N	20.551	E	10	G		1.1	17	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.7 (TIR), 2.6 (THE).
	10	22	02	05.9	37.005	N	32.546	W	10	G 4.8 3.8		1.0	75	AZORES ISLANDS REGION
	10	22	10	55.9?	23.38	S	179.76	E	600	G 4.4		0.5	11	SOUTH OF FIJI ISLANDS
	10	22	20	16.3%	36.982	N	3.682	W	10	G		0.9	11	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	10	22	22	21.2*	12.066	N	88.504	W	108	? 4.2		0.8	19	OFF COAST OF CENTRAL AMERICA
	10	22	27	43.1?	0.24	N	118.98	E	33	N 4.3		1.3	11	BORNEO
a	10	22	36	03.2	6.129	S	133.564	E	38	G 5.9 5.5		0.9	298	ARU ISLANDS REGION, INDONESIA. Mw 5.9 (GS), 5.9 (HRV). Mo=1.0*10**18 Nm (PPT). Felt (III) at Tual, Kai Kecil. Also felt at Tembagapura, Irian Jaya. Depth from broadband displacement seismograms.
	10	22	36	45.7?	5.73	S	100.05	W	10	G 4.3		1.3	12	CENTRAL EAST PACIFIC RISE
	10	22	56	20.5*	54.046	N	159.288	E	33	N 4.2		1.2	18	NEAR EAST COAST OF KAMCHATKA
	10	22	58	10.0&	63.240	N	150.925	W	25				43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
	10	23	06	57.9%	40.250	N	29.312	E	10	G		0.3	5	TURKEY. MD 2.7 (ISK).
	10	23	17	45.6	53.852	N	159.224	E	33	N 3.7		1.2	15	NEAR EAST COAST OF KAMCHATKA
	10	23	34	48.2&	59.522	N	139.179	W	27				14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	11	00	08	03.3	39.139	N	21.719	E	10	G		1.2	8	GREECE. MD 2.9 (ATH). ML 2.6 (THE).
	11	00	23	35.4%	42.607	N	19.048	E	10	G		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	11	00	30	54.9*	32.183	N	83.937	E	33	N 4.1		1.3	16	XIZANG
	11	00	31	44.0*	35.541	N	27.421	E	33	N		0.5	6	DODECANESE ISLANDS. MD 3.5 (ATH).
	11	01	00	33.2%	60.067	N	4.925	E	10	G		0.3	10	SOUTHERN NORWAY. MD 2.1 (BER).
	11	01	05	58.5	39.464	N	75.059	E	33	N 4.0		0.9	19	SOUTHERN XINJIANG, CHINA
	11	01	20	34.9*	22.556	S	70.561	W	33	N 4.0		0.9	16	NEAR COAST OF NORTHERN CHILE
	11	01	51	20.9*	38.177	N	21.716	E	10	G		1.4	5	GREECE. MD 2.9 (ATH).
	11	01	55	29.7*	2.074	S	79.767	W	100	G 4.2		1.1	21	NEAR COAST OF ECUADOR. Felt (II) at Guayaquil.
	11	02	20	40.6*	35.602	N	24.103	E	33	N 3.5		0.6	8	CRETE. MD 3.5 (ATH).
	11	02	20	46.2%	34.275	S	70.060	W	5	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	11	02	45	19.7	8.077	N	126.645	E	33	N 4.7		1.0	45	MINDANAO, PHILIPPINE ISLANDS
	11	02	58	36.3&	36.001	N	120.133	W	15				69	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (PAS), 3.1 (BRK), 3.0 (GS).
	11	03	41	25.4	46.105	N	6.781	E	10	G		0.9	9	SWITZERLAND. ML 2.2 (LDG).
a	11	03	51	34.4	8.428	S	158.693	E	93	G 5.5		1.1	245	SOLOMON ISLANDS. Mw 5.8 (GS), 5.9 (HRV). mb 5.6 (BRK). Felt at Honiara. Depth from broadband displacement seismograms.
	11	04	01	22.6	44.278	N	6.709	E	10	G		0.3	14	FRANCE. ML 2.2 (LDG).
	11	04	11	50.9	2.336	N	128.748	E	68	* 4.6		0.7	31	HALMAHERA, INDONESIA
	11	04	19	57.8?	35.55	N	27.60	E	10	G		1.4	5	DODECANESE ISLANDS. MD 3.5 (ATH).
	11	04	24	17.1?	36.68	N	2.83	W	10	G		0.2	4	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	11	04	44	38.8*	21.484	N	143.075	E	337	* 4.1		0.9	27	MARIANA ISLANDS REGION
	11	05	14	12.8%	40.094	N	21.566	E	10	G		1.0	8	GREECE. ML 2.4 (THE).
	11	05	16	06.9&	62.761	N	148.931	W	63				64	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
a	11	05	43	22.4	2.285	N	128.796	E	34	5.2 4.8		1.1	110	HALMAHERA, INDONESIA. Mw 5.4 (HRV).
	11	06	23	01.9%	26.900	S	26.734	E	5	G		1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	11	06	27	42.8&	35.782	N	117.639	W	4				34	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	11	06	30	13.8&	35.733	N	117.631	W	6				59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	11	06	33	00.8&	35.784	N	117.637	W	5				10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	11	06	45	03.2*	25.742	N	102.707	E	33	N 3.1		0.4	5	YUNNAN, CHINA
a	11	07	19	12.7	45.072	N	150.040	E	33	N 5.4 4.7		0.8	323	KURIL ISLANDS. Mw 5.3 (HRV). Felt (III) at Kurilsk.
	11	07	20	27.2&	35.728	N	117.621	W	11				59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	11	07	34	47.6&	35.755	N	117.636	W	5				66	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	11	09	51	53.5?	16.68	N	60.62	W	10	G		0.5	6	LEEWARD ISLANDS. ML 3.0 (FDF).
	11	09	52	16.8?	39.14	N	27.39	E	10	G		0.2	4	TURKEY. MD 2.8 (ISK).
	11	10	22	50.2?	39.17	N	27.40	E	10	G		0.8	4	TURKEY. MD 2.7 (ISK).
	11	11	21	01.4%	26.871	S	26.720	E	5	G		0.5	11	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	11	11	42	22.5*	28.998	S	176.932	W	33	N 4.6		1.3	16	KERMADEC ISLANDS REGION
	11	11	53	33.3?	6.04	S	147.17	E	33	N 3.9		0.2	6	EASTERN NEW GUINEA REG., P.N.G.
	11	11	58	23.1%	26.278	S	27.621	E	5	G		0.7	9	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	11	12	02	31.7&	63.497	N	147.016	W	10				61	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	11	14	12	50.6&	63.498	N	146.995	W	9				45	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	11	14	45	36.9&	60.243	N	152.675	W	111				50	SOUTHERN ALASKA. <AEIC>.
	11	15	03	24.6?	34.69	S	70.88	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	11	15	11	44.2*	12.260	S	119.664	E	33	N 4.1		1.5	17	SOUTH OF SUMBA, INDONESIA

	11	15 16 30.1?	44.55	N	11.09	E	10	G			0.8	14	NORTHERN ITALY. ML 3.1 (STR), 3.0 (LDG).
	11	15 17 05.8	43.953	N	147.925	E	33	N	4.6		1.0	71	KURIL ISLANDS
	11	15 28 28.0%	42.334	N	18.949	E	10	G			0.1	6	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	11	15 29 53.5	28.849	N	86.271	E	33	N	3.9		1.5	21	XIZANG
	11	15 57 21.6	37.121	N	26.392	E	33	N			0.8	7	DODECANESE ISLANDS
	11	16 36 34.6%	26.876	S	65.087	W	100	G			0.7	5	TUCUMAN PROVINCE, ARGENTINA
	11	17 06 53.5&	36.495	N	120.532	W	17					62	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.2 (BRK), 3.2 (GS).
	11	17 11 43.5&	59.632	N	152.016	W	51					42	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	11	17 45 58.1	0.543	N	120.672	E	18	D	4.6		0.9	44	MINAHASSA PENINSULA, SULAWESI
	11	18 05 26.9%	33.265	S	71.226	W	50	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.3 (SAN).
	11	18 06 08.2*	4.780	S	103.644	E	17	D	4.6		0.7	16	SOUTHERN SUMATERA, INDONESIA
	11	18 21 45.8	36.950	N	142.070	E	10	G	3.6		0.7	17	OFF EAST COAST OF HONSHU, JAPAN
	11	18 39 32.8*	6.799	S	154.675	E	33	N	4.1		0.7	15	SOLOMON ISLANDS
	11	18 46 54.1	2.393	N	128.609	E	262	*	4.4		0.9	27	HALMAHERA, INDONESIA
a	11	19 45 01.3	0.460	N	119.580	E	38	D	5.2	5.2	1.0	217	MINAHASSA PENINSULA, SULAWESI. Mw 5.6 (HRV). Felt (III) at Palu.
	11	19 50 22.5*	32.190	S	68.269	W	100	G	4.4		1.2	8	MENDOZA PROVINCE, ARGENTINA
	11	19 59 23.2	38.726	N	119.551	W	5	G			0.8	40	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (BRK), 3.0 (GS). MD 3.2 (GM).
	11	20 20 49.4?	58.71	S	158.71	E	10	G	4.2		1.4	18	MACQUARIE ISLANDS REGION
	11	20 52 09.9*	11.739	S	117.796	E	33	N	3.9		1.3	8	SOUTH OF SUMBAWA, INDONESIA
	11	20 59 11.0	14.835	N	60.540	W	68		3.9		1.0	32	WINDWARD ISLANDS. MD 4.0 (TRN).
	11	21 12 14.5*	43.905	N	11.778	E	10	G			1.2	17	CENTRAL ITALY. ML 3.0 (LDG). MD 2.5 (FIR).
	11	21 41 25.5*	29.722	S	179.247	W	370	*	4.5		1.3	26	KERMADEC ISLANDS REGION
	11	22 37 57.5*	16.497	N	95.850	W	55	*	4.2		1.5	20	OAXACA, MEXICO
	11	23 30 13.2*	27.817	N	130.141	E	33	N	4.0		0.6	17	RYUKYU ISLANDS
	11	23 47 09.0?	0.21	S	120.09	E	33	N	4.0		0.5	7	MINAHASSA PENINSULA, SULAWESI
	12	00 30 33.3%	44.581	N	7.288	E	10	G			0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
	12	00 35 05.9&	35.789	N	117.656	W	6					77	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	12	01 32 21.7	17.497	S	178.393	W	566		4.4		1.0	49	FIJI ISLANDS REGION
	12	01 39 21.9*	14.407	S	75.730	W	71		4.1		1.0	20	NEAR COAST OF PERU. Felt (II) at Ica.
	12	02 07 12.3?	15.12	S	176.09	W	300	G	3.7		0.8	8	FIJI ISLANDS REGION
a	12	02 17 31.3	23.261	S	170.797	E	15	G	5.8	5.5	1.1	282	LOYALTY ISLANDS REGION. Mw 5.9 (GS), 5.9 (HRV). Me 6.0 (GS). Ms 5.5 (BRK). Mo=8.5*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	12	02 38 10.8	20.851	S	67.245	W	214		4.3		1.3	27	SOUTHERN BOLIVIA
	12	04 18 13.4	41.677	N	27.672	E	10	G			0.9	8	TURKEY. MD 3.2 (ISK).
	12	04 33 35.1*	40.186	N	46.137	E	33	N	4.1		1.2	17	EASTERN CAUCASUS
	12	04 34 27.6*	24.686	S	179.521	W	500	G	4.6		0.9	35	SOUTH OF FIJI ISLANDS
a	12	04 41 34.2	48.286	N	152.996	E	119		5.3		0.9	281	KURIL ISLANDS. Mw 5.4 (HRV).
	12	06 40 18.1*	27.278	N	130.461	E	33	N	3.9		1.2	9	RYUKYU ISLANDS
	12	07 09 26.0*	59.463	S	25.764	W	33	N	4.6		1.1	26	SOUTH SANDWICH ISLANDS REGION
	12	07 25 45.6&	61.356	N	146.769	W	10					54	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	12	08 49 35.4*	4.597	S	152.706	E	33	N	3.9		0.7	10	NEW BRITAIN REGION, P.N.G.
	12	09 01 25.1*	5.795	S	146.688	E	69	*	4.1		1.3	21	EASTERN NEW GUINEA REG., P.N.G.
	12	09 04 18.1*	51.144	N	15.784	E	10	G			1.5	8	POLAND. ML 2.4 (MOX), 2.2 (CLL).
	12	09 20 25.9	9.529	S	113.827	E	100	G	4.6		0.8	43	SOUTH OF JAWA, INDONESIA
	12	09 48 08.5?	7.33	S	129.18	E	100	G	3.1		1.0	7	BANDA SEA
	12	09 57 58.4	21.553	N	94.345	E	82		4.5		1.3	72	MYANMAR
	12	10 11 20.6%	40.779	N	22.911	E	10	G			0.9	6	GREECE. ML 1.7 (THE).
	12	10 23 18.1*	28.529	N	52.419	E	33	N	4.0		1.4	18	SOUTHERN IRAN
	12	10 44 54.6%	33.040	S	71.112	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
	12	10 54 37.3	51.708	N	16.083	E	10	G	3.4		1.0	27	POLAND. ML 3.9 (GRF), 3.7 (VIE).
	12	11 11 58.4	31.786	N	140.295	E	74	D	4.1		0.9	29	SOUTH OF HONSHU, JAPAN
	12	11 27 34.9&	36.137	N	120.063	W	8					21	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS). MD 3.0 (GM).
	12	11 37 11.9	38.140	N	30.031	E	10	G			1.1	12	TURKEY. MD 3.6 (ISK).
	12	11 37 31.9?	0.95	N	126.19	E	33	N	4.2		1.0	11	NORTHERN MOLUCCA SEA
	12	11 55 14.3%	41.148	N	22.812	E	10	G			0.6	8	NORTHWESTERN BALKAN REGION. ML 2.3 (THE).
	12	12 06 14.9?	23.95	S	179.86	E	600	G	4.2		1.2	14	SOUTH OF FIJI ISLANDS
	12	12 26 58.3%	42.846	N	7.113	W	10	G			0.5	6	SPAIN. mbLg 2.7 (MDD). Felt (II) in the Sarria area.
	12	13 10 36.6?	11.80	S	112.23	E	33	N	3.5		1.1	5	SOUTH OF JAWA, INDONESIA
	12	13 17 48.1?	34.01	S	70.84	W	80	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	12	13 32 28.9?	39.11	N	27.47	E	10	G			0.7	4	TURKEY. MD 2.6 (ISK).
	12	13 54 06.5%	39.112	N	27.488	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	12	14 26 28.4?	1.50	S	127.24	E	33	N	3.9		1.1	9	HALMAHERA, INDONESIA
	12	14 34 48.3*	34.400	N	70.236	E	33	N	4.0		1.2	16	AFGHANISTAN
	12	14 46 43.0?	54.94	N	35.45	W	10	G	3.7		0.9	7	NORTH ATLANTIC OCEAN
	12	14 50 33.0	39.934	N	20.772	E	10	G	3.5		1.2	20	GREECE-ALBANIA BORDER REGION. ML 3.3 (TIR), 3.2 (THE). MD 3.1 (ATH).
	12	15 03 05.5	11.009	S	161.297	E	48	*	4.0		1.1	23	SOLOMON ISLANDS
	12	15 24 05.8	37.000	N	141.289	E	54		4.3		1.0	66	NEAR EAST COAST OF HONSHU, JAPAN
	12	16 03 01.9?	38.76	N	26.48	E	10	G			0.4	4	AEGEAN SEA. MD 2.7 (ISK).
	12	16 45 54.3	43.561	N	17.292	E	10	G	3.9		1.3	101	NORTHWESTERN BALKAN REGION. MD 4.2 (TRI). ML 4.1 (TTG). Some damage in the epicentral area. Felt (IV) at Duvno, Bosnia and Herzegovina.
	12	17 11 01.5%	48.478	N	0.084	E	10	G			0.9	9	FRANCE. ML 2.5 (LDG).
	12	17 16 51.8%	28.023	S	26.756	E	5	G			1.2	12	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	12	17 45 02.5&	35.785	N	118.035	W	6	G				42	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	12	18 06 54.1*	12.951	N	60.563	W	104		4.2		0.8	15	WINDWARD ISLANDS. MD 4.1 (TRN).
	12	18 13 32.1?	29.61	S	177.64	W	33	N	4.2		0.5	7	KERMADEC ISLANDS, NEW ZEALAND
	12	18 41 16.0	43.734	N	147.349	E	33	N	4.5		1.1	54	KURIL ISLANDS
	12	18 53 36.7*	8.296	S	112.936	E	101	D	4.2		0.8	25	JAWA, INDONESIA
	12	19 26 48.2%	31.610	S	68.816	W	117	*			0.8	9	SAN JUAN PROVINCE, ARGENTINA
a	12	19 38 20.8	5.815	S	130.215	E	33	N	5.5	5.4	1.1	161	BANDA SEA. Mw 5.9 (GS), 5.9 (HRV). Mo=2.9*10**18 Nm (PPT).
	12	19 47 41.7?	17.83	S	179.46	W	600	G	4.4		0.9	15	FIJI ISLANDS REGION
	12	19 49 43.9	40.003	N	23.639	E	10	G			0.6	15	GREECE. MD 2.9 (ATH). ML 2.6 (THE).
	12	21 30 34.6&	63.235	N	151.247	W	13					63	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	12	21 36 27.7&	59.395	N	153.650	W	120					50	SOUTHERN ALASKA. <AEIC>.
	12	22 21 14.4?	7.09	S	129.36	E	100	G	3.9		1.1	10	BANDA SEA
	12	22 28 12.3%	32.814	S	68.717	W	10	G			0.3	8	MENDOZA PROVINCE, ARGENTINA
	12	23 30 12.1&	59.876	N	152.913	W	110					39	SOUTHERN ALASKA. <AEIC>.

	12	23 33 17.3&	62.924	N	151.031	W	118		3.3			95	CENTRAL ALASKA. <AEIC>.
	12	23 40 27.6?	45.28	N	148.74	E	150	G	3.7		1.0	13	KURIL ISLANDS
	12	23 43 43.3*	6.452	S	103.744	E	38	D	4.3		0.9	23	SOUTHWEST OF SUMATERA, INDONESIA
a	13	00 07 23.9	19.542	S	168.892	E	33	N	5.0		1.2	92	VANUATU ISLANDS. Mw 5.3 (HRV).
	13	02 02 25.5?	31.22	N	130.07	E	33	N	3.8		0.3	5	KYUSHU, JAPAN
	13	02 26 30.3?	17.79	S	178.18	W	600	G	4.3		1.5	16	FIJI ISLANDS REGION
	13	03 23 11.2?	45.50	S	74.82	W	33	N	3.6		1.1	7	SOUTHERN CHILE
	13	04 23 01.9*	6.694	N	126.262	E	33	N	4.3	4.2	0.5	12	MINDANAO, PHILIPPINE ISLANDS
	13	04 27 46.5	0.399	N	119.527	E	38	D	4.6	4.1	0.8	43	MINAHASSA PENINSULA, SULAWESI
	13	04 48 54.8&	38.694	N	119.648	W	0					5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	13	04 49 04.3&	38.697	N	119.634	W	0					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	13	05 10 55.0*	32.338	S	71.274	W	33	N			1.0	16	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	13	05 13 54.4?	40.09	N	21.60	E	10	G			0.4	4	GREECE. ML 2.7 (THE).
	13	05 22 07.0	39.879	N	77.371	E	33	N	4.0		1.3	31	SOUTHERN XINJIANG, CHINA. ML 3.9 (BJI).
a	13	05 26 32.2	51.092	N	157.766	E	52	D	5.1		0.8	257	NEAR EAST COAST OF KAMCHATKA. Mw 5.0 (HRV). Felt (IV) on Shumshu and (II) at Severo-Kurilsk, Paramushir.
	13	06 13 40.7&	34.262	N	118.442	W	11					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.
	13	06 20 41.8&	16.075	N	121.052	E	33	N	4.0		0.6	7	LUZON, PHILIPPINE ISLANDS
	13	06 36 36.1	7.119	S	130.132	E	33	N	4.9		1.1	59	TANIMBAR ISLANDS REG., INDONESIA
	13	06 44 15.9*	46.084	N	149.571	E	150	G	4.0		1.2	25	KURIL ISLANDS
	13	06 54 06.2	1.617	N	121.198	E	33	N	4.7	4.3	0.9	58	MINAHASSA PENINSULA, SULAWESI
	13	06 59 02.8?	44.58	N	7.06	E	10	G			0.2	4	NORTHERN ITALY. ML 1.8 (GEN).
	13	07 05 29.0	44.450	N	11.125	E	10	G			1.3	35	NORTHERN ITALY. ML 2.9 (LDG), 2.9 (STR), 2.7 (LJU). MD 2.9 (FIR).
	13	07 08 55.9?	20.25	S	174.46	W	33	N	4.0		0.7	10	TONGA ISLANDS
	13	07 23 40.7&	38.403	N	0.609	W	10	G			0.8	5	SPAIN. mbLg 2.8 (MDD).
	13	07 40 29.8&	34.391	N	118.631	W	14					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS). Felt.
	13	08 02 04.4?	53.97	N	159.37	E	33	N	3.4		0.6	6	NEAR EAST COAST OF KAMCHATKA
	13	08 07 31.9&	44.415	N	7.309	E	10	G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	13	08 12 49.4	39.981	N	23.681	E	10	G			0.5	10	AEGEAN SEA. ML 2.7 (THE).
	13	09 05 00.9&	39.159	N	27.415	E	10	G			0.2	5	TURKEY. MD 2.7 (ISK).
	13	09 07 19.1&	43.054	N	0.804	W	10	G			0.1	6	PYRENEES. ML 1.5 (STR).
	13	09 10 19.7&	39.163	N	27.439	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	13	09 21 23.0*	20.713	S	178.817	W	600	G	4.2		1.2	26	FIJI ISLANDS REGION
	13	09 34 53.9&	31.254	S	68.307	W	100	G			1.0	10	SAN JUAN PROVINCE, ARGENTINA
	13	09 57 17.6	28.326	N	57.325	E	33	N	4.3		1.1	42	SOUTHERN IRAN
	13	09 58 09.7	20.140	S	133.907	E	10	G	4.2		1.3	11	NORTHERN TERRITORY, AUSTRALIA
	13	10 03 02.3&	39.220	N	27.755	E	10	G			0.9	6	TURKEY. MD 2.8 (ISK).
	13	10 11 10.3&	26.439	S	27.384	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	13	10 20 25.1&	33.042	S	70.690	W	80	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	13	10 20 45.1&	39.179	N	27.530	E	10	G			0.6	5	TURKEY. MD 2.7 (ISK).
	13	10 30 35.6?	39.18	N	27.41	E	10	G			0.5	4	TURKEY. MD 2.6 (ISK).
	13	10 39 41.0*	4.172	N	126.985	E	100	G	4.1		0.9	10	TALAUD ISLANDS, INDONESIA
	13	10 44 06.8*	44.047	N	147.895	E	33	N	3.9		0.9	11	KURIL ISLANDS
	13	11 14 44.7?	39.16	N	27.70	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	13	11 35 22.0?	0.49	S	22.31	W	10	G	4.0		1.3	8	CENTRAL MID-ATLANTIC RIDGE
	13	11 57 58.4*	17.612	S	178.731	W	554	*	4.4		1.2	57	FIJI ISLANDS REGION
a	13	12 05 46.7	53.856	N	159.212	E	33	N	4.9	4.8	1.2	146	NEAR EAST COAST OF KAMCHATKA. Mw 5.4 (HRV).
	13	12 08 34.7?	39.61	N	29.46	E	10	G			0.8	6	TURKEY. MD 2.9 (ISK).
	13	12 09 35.3&	54.105	N	158.846	E	100	G	3.9		1.0	10	KAMCHATKA
	13	12 31 04.2*	49.879	N	18.549	E	10	G			0.3	5	CZECH AND SLOVAK REPUBLICS
	13	12 38 07.4	43.326	N	147.046	E	33	N	4.6		1.0	58	KURIL ISLANDS
	13	12 44 34.7?	39.27	N	27.78	E	10	G			0.0	4	TURKEY. MD 2.7 (ISK).
	13	12 45 07.3*	53.730	N	159.596	E	33	N	3.8		0.9	14	NEAR EAST COAST OF KAMCHATKA
	13	12 54 07.1	44.335	N	149.709	E	33	N	4.9	4.2	1.1	131	KURIL ISLANDS
	13	13 10 48.8*	6.222	S	130.660	E	33	N	3.8		1.5	12	BANDA SEA
	13	13 11 06.4*	54.931	N	97.151	E	33	N	3.8		1.2	13	SOUTHWESTERN SIBERIA, RUSSIA
	13	13 37 16.5?	45.34	N	152.45	E	33	N	4.1		0.8	6	EAST OF KURIL ISLANDS
	13	16 44 54.6?	0.39	N	16.47	W	10	G	4.2		0.7	8	NORTH OF ASCENSION ISLAND
	13	17 47 38.9	28.800	N	34.656	E	10	G			0.7	11	EGYPT. ML 4.3 (JER), 4.2 (BHL).
	13	17 49 05.4*	19.310	S	167.868	E	33	N	3.9		0.6	8	VANUATU ISLANDS REGION
	13	17 52 21.9	0.842	N	120.209	E	33	N	4.8	4.1	1.0	66	MINAHASSA PENINSULA, SULAWESI
	13	17 55 23.4&	34.364	N	118.447	W	4					65	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS). Felt (IV) at Reseda, Santa Clarita and Valencia; (III) at Sun Valley.
	13	18 47 17.7	6.331	S	154.873	E	50	D	4.9	4.5	0.9	83	SOLOMON ISLANDS
	13	18 54 20.7	18.746	N	145.700	E	236		4.2		0.9	42	MARIANA ISLANDS
	13	19 18 14.6&	44.492	N	6.910	E	10	G			0.2	6	FRANCE. ML 2.0 (GEN).
	13	20 01 04.9?	51.06	N	16.17	E	10	G			0.9	4	POLAND
	13	22 00 32.1	39.659	N	27.903	E	10	G			0.5	8	TURKEY. MD 3.0 (ISK).
	13	22 01 46.4&	39.695	N	27.837	E	10	G			0.8	7	TURKEY. MD 3.0 (ISK).
	13	22 06 13.1&	45.009	N	6.996	E	10	G			0.4	6	FRANCE. ML 2.0 (GEN).
	13	22 14 03.0*	44.987	N	150.475	E	33	N	4.1		0.8	28	EAST OF KURIL ISLANDS
	13	22 15 09.3&	29.504	S	67.801	W	100	G			1.3	10	LA RIOJA PROVINCE, ARGENTINA
	13	22 33 08.1	35.062	N	27.017	E	10	G	4.6		1.4	211	DODECANESE ISLANDS. MD 4.5 (ATH). ML 4.4 (THE).
	13	22 35 09.1*	17.179	N	94.013	W	177	*	3.9		1.0	18	CHIAPAS, MEXICO
	13	23 18 40.2&	39.684	N	27.811	E	10	G			0.4	5	TURKEY. MD 3.0 (ISK).
	13	23 29 59.4?	43.09	N	0.46	W	10	G			0.2	4	PYRENEES
	13	23 32 17.8&	29.922	S	68.140	W	33	N			1.4	7	SAN JUAN PROVINCE, ARGENTINA
	13	23 58 39.4?	33.36	N	133.80	E	33	N	4.0		0.4	5	SHIKOKU, JAPAN
	14	00 22 38.3*	11.133	N	125.361	E	33	N	4.2		1.3	17	SAMAR, PHILIPPINE ISLANDS
	14	00 28 54.3*	41.221	N	140.226	E	60	*	4.3		1.2	22	HOKKAIDO, JAPAN REGION
	14	00 33 55.6*	36.233	N	71.187	E	33	N	3.9		1.4	19	AFGHANISTAN-TAJIKISTAN BORD REG.
	14	00 35 54.3?	36.30	N	70.73	E	33	N	3.7		1.2	10	HINDU KUSH REGION, AFGHANISTAN
	14	00 39 05.6&	39.870	N	27.959	E	10	G			0.1	5	TURKEY. MD 2.7 (ISK).
	14	00 44 38.1?	4.92	S	153.82	E	125	?	4.3		1.2	13	NEW IRELAND REGION, P.N.G.
	14	00 57 30.3?	12.69	N	144.29	E	33	N	3.9		1.3	6	SOUTH OF MARIANA ISLANDS
	14	01 40 30.1&	58.967	N	154.058	W	109		3.5			97	ALASKA PENINSULA. <AEIC>.
	14	02 02 32.5	37.288	N	23.229	E	100		4.6		1.3	285	SOUTHERN GREECE. MD 4.9 (TTG). Felt in Korinthia.
	14	02 07 51.6&	46.005	N	10.061	E	10	G			0.7	6	NORTHERN ITALY
	14	02 46 50.2?	25.17	S	179.56	E	600	G	4.2		0.5	11	SOUTH OF FIJI ISLANDS
	14	02 55 31.6	43.148	N	0.307	W	10	G			1.2	12	PYRENEES. ML 2.8 (LDG), 2.4 (STR). mbLg 2.8 (MDD).

	14	02	59	25.7*	52.436	N	143.281	E	33	N	4.0	1.2	11	SAKHALIN ISLAND
	14	03	06	10.0?	36.66	N	137.33	E	33	N	4.7	1.2	7	EASTERN HONSHU, JAPAN
	14	03	22	14.3*	34.794	N	32.885	E	33	N		0.9	6	CYPRUS REGION. ML 3.0 (CSS).
	14	03	39	25.5	7.311	S	128.593	E	127		4.7	1.1	72	BANDA SEA
	14	03	46	25.5	51.618	N	16.130	E	10	G		1.2	12	POLAND. ML 2.7 (MOX), 2.3 (CLL).
	14	04	01	30.5	12.739	N	143.657	E	28	D	5.0 4.9	1.3	61	SOUTH OF MARIANA ISLANDS
	14	04	47	23.5*	57.890	N	142.963	W	10	G		0.6	19	GULF OF ALASKA. ML 2.7 (AEIC).
	14	05	25	46.9*	19.671	S	69.514	W	100	G	3.7	0.9	5	NORTHERN CHILE
	14	05	36	36.2&	39.744	N	27.802	E	10	G		0.7	6	TURKEY. MD 2.9 (ISK).
	14	05	58	55.0&	39.724	N	27.758	E	10	G		0.9	6	TURKEY. MD 3.0 (ISK).
	14	06	28	24.3	44.594	N	149.024	E	64	D	5.4	0.9	386	KURIL ISLANDS. Felt (III) at Kurilsk.
	14	06	32	30.5	38.691	N	72.142	E	33	N	4.7	1.0	29	TAJIKISTAN
	14	06	38	37.8?	35.48	N	70.86	E	33	N	4.1	0.6	9	HINDU KUSH REGION, AFGHANISTAN
	14	06	54	56.8?	21.13	S	179.35	W	650	G	4.3	0.5	13	FIJI ISLANDS REGION
	14	07	09	23.0&	34.358	N	118.449	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.3 (PAS). Felt.
	14	07	18	51.5?	45.12	N	153.22	E	33	N	4.1	0.9	6	EAST OF KURIL ISLANDS
	14	07	25	55.0	39.663	N	27.871	E	10	G		1.0	10	TURKEY. MD 3.3 (ISK).
	14	08	00	04.2	38.320	N	22.287	E	10	G		1.2	18	GREECE. ML 3.1 (ATH), 3.1 (THE).
	14	08	11	40.2	48.299	N	6.144	E	10	G		0.5	10	FRANCE. ML 2.2 (LDG), 1.7 (STR).
	14	09	27	15.2*	22.668	S	66.298	W	271		3.8	1.4	21	JUJUY PROVINCE, ARGENTINA
	14	09	43	08.6*	6.700	S	129.980	E	100	G	4.5	1.3	21	BANDA SEA
	14	09	53	24.5&	39.715	N	27.822	E	10	G		1.2	6	TURKEY. MD 2.8 (ISK).
	14	09	57	24.1*	39.672	N	27.816	E	10	G		0.9	8	TURKEY. MD 3.0 (ISK).
	14	10	02	35.3&	42.339	N	18.956	E	10	G		0.1	5	NORTHWESTERN BALKAN REGION. ML 1.1 (TTG).
	14	10	45	15.1*	40.304	N	29.436	E	10	G		0.9	5	TURKEY. MD 3.1 (ISK).
	14	11	05	51.3	43.042	N	0.334	W	10	G		0.6	7	PYRENEES. ML 2.2 (LDG), 1.8 (STR). MD 2.1 (BTH).
	14	11	12	33.8	43.182	N	0.241	E	10	G		1.3	23	FRANCE. ML 3.5 (LDG). mbLg 3.2 (MDD). Felt (III) in the Bagneres area.
	14	11	21	05.5*	17.105	N	98.766	W	100	G	3.7	1.2	16	GUERRERO, MEXICO
	14	11	26	47.2*	43.207	N	16.944	E	10	G		0.9	11	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	14	11	47	09.2	37.264	N	117.875	W	5	G		0.5	19	CALIFORNIA-NEVADA BORDER REGION. ML 2.8 (GS).
	14	12	15	16.3*	44.231	N	149.933	E	33	N	4.2	1.2	18	KURIL ISLANDS
	14	12	19	15.1	43.533	N	0.623	W	10	G		1.1	53	PYRENEES. ML 3.9 (LDG). mbLg 3.6 (MDD). Felt (IV) in the Lacq Oilfield area, France.
	14	12	22	59.5	43.513	N	0.596	W	10	G		1.0	52	PYRENEES. ML 3.9 (LDG). mbLg 3.4 (MDD). Felt (IV) in the Lacq Oilfield area, France.
	14	12	32	00.5?	39.15	N	27.60	E	10	G		0.4	4	TURKEY. MD 2.7 (ISK).
	14	13	09	53.0&	26.421	S	27.411	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
a	14	13	24	07.1	26.929	S	177.493	W	112	D	5.1	1.0	265	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV). mb 5.0 (BRK).
	14	13	30	51.7&	39.615	N	29.553	E	10	G		0.6	5	TURKEY. MD 2.6 (ISK).
	14	13	37	27.2&	27.892	S	26.792	E	5	G		0.7	9	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	14	13	37	50.5	13.716	N	120.801	E	216	*	4.6	0.8	73	MINDORO, PHILIPPINE ISLANDS
	14	14	26	36.2*	39.013	N	36.877	E	10	G		0.9	6	TURKEY. MD 3.3 (ISK).
	14	14	26	50.5?	38.44	N	22.01	E	10	G		0.4	4	GREECE. MD 2.6 (ATH).
	14	14	30	34.7	18.103	N	145.413	E	300	G	4.0	1.0	41	MARIANA ISLANDS
	14	14	30	48.7*	38.952	N	36.929	E	10	G		1.3	5	TURKEY. MD 3.3 (ISK).
	14	15	17	45.4?	36.80	N	41.92	E	10	G	3.5	0.5	7	IRAQ
	14	15	38	18.7?	39.73	N	27.70	E	10	G		0.6	4	TURKEY. MD 2.8 (ISK).
	14	15	45	02.3&	31.262	S	68.624	W	90	?		0.3	8	SAN JUAN PROVINCE, ARGENTINA
	14	15	49	03.1	43.501	N	0.550	W	10	G		1.0	41	PYRENEES. ML 3.5 (LDG). mbLg 3.4 (MDD). Felt (III) in the Lacq Oilfield area, France.
	14	16	02	35.4?	45.07	N	149.77	E	33	N	4.2	0.4	7	KURIL ISLANDS
	14	16	28	46.5?	39.74	N	27.76	E	10	G		0.3	4	TURKEY. MD 2.8 (ISK).
	14	16	35	16.8	32.269	S	69.985	W	120	G		0.3	14	MENDOZA PROVINCE, ARGENTINA. MD 2.8 (SAN).
	14	16	40	05.7?	44.37	N	7.30	E	10	G		0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
	14	17	11	52.6	43.497	N	0.574	W	10	G	3.7	1.0	57	PYRENEES. ML 3.9 (LDG). mbLg 3.4 (MDD). Felt (III) in the Lacq Oilfield area, France.
	14	17	27	45.1&	39.656	N	27.893	E	10	G		1.1	5	TURKEY. MD 2.7 (ISK).
	14	17	48	37.7?	28.71	N	34.48	E	10	G		0.2	6	EGYPT
	14	18	15	00.0&	60.046	N	153.170	W	128		3.1		79	SOUTHERN ALASKA. <AEIC>.
	14	18	16	26.6	42.619	N	74.922	E	12		4.3	1.1	47	KYRGYZSTAN. Felt (IV) at Bishkek, Kegety and Yuryevka; (III) at Bystrovka, Kant, Sokuluk and Tokmak.
	14	18	57	25.6&	45.280	N	146.808	E	33	N	3.5	1.0	8	KURIL ISLANDS
	14	19	09	10.8?	41.00	N	27.26	E	10	G		1.2	4	TURKEY. MD 2.7 (ISK).
	14	19	26	06.3?	43.80	N	85.79	E	33	N	3.6	1.3	9	NORTHERN XINJIANG, CHINA
	14	19	31	58.5&	39.671	N	27.789	E	10	G		0.7	6	TURKEY. MD 2.8 (ISK).
	14	20	05	24.0*	36.586	N	51.149	E	33	N	4.0	1.2	15	NORTHERN IRAN
	14	20	25	46.6	43.107	N	146.502	E	33	N	4.3	1.0	43	KURIL ISLANDS
	14	21	50	19.0	6.475	S	154.585	E	64	*	4.6	1.0	43	SOLOMON ISLANDS
	14	22	36	39.2	8.917	N	126.387	E	95	*	4.4	1.1	44	MINDANAO, PHILIPPINE ISLANDS
	14	22	47	47.9	51.466	N	168.307	W	41	D	3.9	0.8	23	FOX ISLANDS, ALEUTIAN ISLANDS
	14	23	24	47.8&	43.113	N	18.808	E	10	G		0.2	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	15	00	06	27.8	11.467	S	117.668	E	33	N	4.4	1.1	24	SOUTH OF SUMBAWA, INDONESIA
	15	00	37	07.9?	39.17	N	26.33	E	10	G		0.4	4	TURKEY. MD 2.8 (ISK).
	15	00	46	10.1*	31.404	S	68.659	W	92	?		0.4	9	SAN JUAN PROVINCE, ARGENTINA
	15	00	51	13.8*	3.042	S	77.720	W	33	N	3.8	1.3	13	PERU-ECUADOR BORDER REGION
	15	01	13	03.5?	29.43	S	70.18	W	100	G		0.9	9	CENTRAL CHILE
	15	01	20	25.1	53.958	N	159.385	E	33	N	4.7 4.4	1.1	103	NEAR EAST COAST OF KAMCHATKA
	15	01	30	14.5*	53.985	N	159.331	E	33	N	4.1	1.2	23	NEAR EAST COAST OF KAMCHATKA
	15	01	41	50.5&	36.691	N	121.318	W	5				71	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.4 (BRK), 3.3 (GS).
	15	01	43	33.1?	7.20	S	108.24	E	33	N	3.9	0.9	8	JAWA, INDONESIA
	15	02	19	29.7&	33.821	S	71.380	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	15	02	59	05.9&	30.060	S	69.015	W	80	G		1.0	5	CHILE-ARGENTINA BORDER REGION
	15	03	57	12.7&	60.177	N	153.106	W	129		3.1		60	SOUTHERN ALASKA. <AEIC>.
	15	05	27	01.5	38.850	N	36.874	E	10	G		0.3	6	TURKEY. MD 3.3 (ISK).
	15	06	15	09.3	52.981	N	83.731	E	33	N	4.6	1.1	45	SOUTHWESTERN SIBERIA, RUSSIA
	15	06	20	57.9?	39.17	N	26.33	E	10	G		0.4	4	TURKEY. MD 2.8 (ISK).
	15	06	25	18.2?	39.26	N	26.50	E	10	G		0.5	4	TURKEY. MD 2.8 (ISK).
	15	07	09	33.2?	39.34	N	26.86	E	10	G		0.4	4	TURKEY. MD 3.0 (ISK).
	15	07	12	29.7?	39.33	N	26.72	E	10	G		0.7	4	TURKEY. MD 2.7 (ISK).
	15	07	15	04.1?	39.34	N	26.74	E	10	G		0.3	4	TURKEY. MD 3.0 (ISK).
	15	07	16	05.2&	37.542	N	118.878	W	9				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).

													ML 2.8 (GS).
	15	07	24	16.5?	37.39	N	21.69	E	10	G		0.0	4 SOUTHERN GREECE. MD 2.9 (ATH).
	15	07	30	15.6%	26.858	S	26.669	E	5	G		1.0	10 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	15	07	31	34.9%	26.896	S	26.667	E	5	G		0.6	6 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	15	07	38	32.7*	39.295	N	26.707	E	10	G		1.1	5 TURKEY. MD 3.0 (ISK).
	15	08	02	39.7?	39.20	N	27.29	E	10	G		1.3	4 TURKEY. MD 2.7 (ISK).
	15	08	27	11.2%	26.287	S	27.629	E	5	G		0.4	8 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	15	08	38	18.2*	20.097	S	133.972	E	10	G	4.3	1.5	6 NORTHERN TERRITORY, AUSTRALIA
	15	09	45	43.3*	0.502	N	126.283	E	33	N	4.7	1.2	17 NORTHERN MOLUCCA SEA
	15	10	03	08.5	48.015	N	6.508	E	10	G		1.1	9 FRANCE. ML 2.3 (LDG).
	15	10	07	26.5	16.940	S	70.696	W	97	D	4.6	1.0	60 SOUTHERN PERU. Felt (IV) at Arequipa and (III) at Ilo and Moquegua.
	15	10	29	02.8	45.869	N	16.289	E	10	G		1.3	15 NORTHWESTERN BALKAN REGION. ML 3.4 (VIE), 3.2 (BRA). MD 3.2 (LJU). Felt (IV) at Kasina, Sesvete and Zagreb, Croatia.
	15	11	58	40.5&	65.315	N	150.372	W	13				76 NORTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
	15	12	19	33.4?	38.94	N	28.16	E	10	G		0.4	4 TURKEY. MD 2.7 (ISK).
	15	13	00	22.1%	40.600	N	23.448	E	10	G		0.4	7 GREECE. ML 2.0 (THE).
	15	13	07	43.5%	28.777	S	68.555	W	100	G		1.0	7 LA RIOJA PROVINCE, ARGENTINA
	15	13	43	50.4?	4.64	S	151.11	E	10	D	4.4	0.8	13 NEW BRITAIN REGION, P.N.G.
	15	14	15	43.9%	31.313	S	68.346	W	100	G		1.1	5 SAN JUAN PROVINCE, ARGENTINA
	15	14	21	10.7%	41.006	N	30.031	E	10	G		0.5	8 TURKEY. MD 3.0 (ISK).
	15	14	27	45.8	40.131	N	24.819	E	10	G		0.6	12 AEGEAN SEA. MD 2.9 (ATH). ML 2.8 (THE).
	15	14	31	25.9*	55.273	N	161.757	W	33	N	4.2	1.0	23 ALASKA PENINSULA. ML 3.8 (PMR).
	15	14	38	00.6	39.383	N	26.937	E	10	G		1.1	8 TURKEY. MD 3.4 (ATH), 3.1 (ISK).
	15	15	29	24.3?	39.31	N	26.79	E	10	G		0.4	4 TURKEY. MD 2.9 (ISK).
	15	15	43	49.4?	39.43	N	26.76	E	10	G		1.1	4 TURKEY. MD 2.8 (ISK).
	15	15	44	37.7*	10.109	S	161.396	E	36	D	4.1	1.1	13 SOLOMON ISLANDS
	15	16	24	53.8*	7.080	S	127.676	E	371	?	4.4	0.9	15 BANDA SEA
	15	17	15	05.1	37.824	N	29.232	E	10	G		0.8	6 TURKEY. MD 3.2 (ISK).
	15	17	49	21.0	19.092	S	169.171	E	227		4.7	1.1	74 VANUATU ISLANDS
	15	17	55	57.7	35.817	N	23.479	E	10	G	3.8	1.1	17 CRETE. MD 3.6 (ATH).
	15	18	12	16.8&	57.177	N	152.140	W	28				46 KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	15	18	17	57.8*	42.415	N	6.497	E	10	G		0.3	8 WESTERN MEDITERRANEAN SEA. ML 2.2 (LDG), 2.0 (STR).
	15	18	49	12.7?	1.29	N	127.10	E	33	N	4.4	1.5	15 HALMAHERA, INDONESIA
	15	19	19	59.4&	63.241	N	150.667	W	128				82 CENTRAL ALASKA. <AEIC>.
	15	19	23	01.0*	50.278	N	18.888	E	10	G		1.2	5 POLAND. MG 2.9 (WAR).
	15	19	25	01.7?	33.17	S	177.97	W	33	N	4.7	1.5	18 SOUTH OF KERMADEC ISLANDS
	15	19	58	21.5*	39.158	N	26.320	E	10	G		1.5	5 TURKEY. MD 3.6 (ATH), 3.0 (ISK).
	15	20	02	45.2?	15.85	N	86.65	W	33	N	3.8	1.1	9 HONDURAS
	15	20	17	56.0	45.044	N	6.793	E	5	G		1.5	21 FRANCE. ML 2.4 (GEN), 2.1 (LDG), 1.9 (STR).
	15	20	37	36.0?	11.57	N	85.39	W	33	N	4.0	1.0	8 NICARAGUA
	15	20	56	20.0*	12.003	S	76.407	W	78		4.4	1.1	25 NEAR COAST OF PERU. Felt (IV) at Lima and Matucana; (II) at Huacho.
	15	21	06	05.9*	8.900	N	74.113	W	33	N	4.2	1.5	6 NORTHERN COLOMBIA
	15	21	20	13.5	47.969	N	6.572	E	10	G		1.1	10 FRANCE. ML 1.7 (LDG), 1.6 (STR).
	15	21	34	54.7*	14.146	S	167.077	E	200	G	4.5	1.1	42 VANUATU ISLANDS
	15	21	35	10.3%	47.032	N	0.186	W	10	G		0.7	5 FRANCE. ML 1.8 (LDG).
	15	22	10	16.6*	45.903	N	143.170	E	300	?	3.5	1.0	12 HOKKAIDO, JAPAN REGION
	15	22	21	31.8?	24.67	S	179.87	W	500	G	4.1	1.5	17 SOUTH OF FIJI ISLANDS
	15	22	47	21.0*	18.769	S	168.929	E	178		4.1	0.8	19 VANUATU ISLANDS
	15	23	06	54.5%	26.474	S	27.459	E	5	G		1.0	6 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	15	23	14	54.6?	9.28	N	125.33	E	33	N	3.9	1.2	8 MINDANAO, PHILIPPINE ISLANDS
	16	00	08	18.7	29.447	N	105.586	E	33	N	4.2	1.0	31 SICHUAN, CHINA. ML 4.1 (BJI).
	16	00	43	58.5&	60.471	N	151.109	W	45		4.3		182 KENAI PENINSULA, ALASKA. <AEIC>. ML 4.7 (AEIC), 4.6 (PMR). Felt (IV) at Cooper Landing, Hope, Kasilof, Kenai, Soldotna and Sterling; (III) at Anchorage, Skwentna and Whittier.
	16	00	50	04.7%	10.036	N	70.134	W	10	G		0.6	8 VENEZUELA
	16	00	55	39.7?	11.20	N	61.47	W	33	N		0.4	4 WINDWARD ISLANDS. MD 3.1 (TRN).
	16	01	30	56.1*	47.697	N	113.573	W	5	G		0.3	9 MONTANA. ML 3.1 (BUT).
	16	01	50	42.9&	35.742	N	117.620	W	5				71 CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS). Felt in the Ridgecrest area.
	16	02	19	40.5*	55.892	S	27.185	W	33	N	4.6	1.3	20 SOUTH SANDWICH ISLANDS REGION
	16	03	16	43.3*	1.323	N	126.704	E	88	*	4.2	0.9	23 NORTHERN MOLUCCA SEA
	16	03	35	12.9*	31.149	S	68.337	W	100	G		0.3	6 SAN JUAN PROVINCE, ARGENTINA
	16	04	28	29.4?	26.09	S	179.76	E	500	G	4.3	1.0	11 SOUTH OF FIJI ISLANDS
	16	05	15	15.0&	48.810	N	128.470	W	10	G	3.3		9 VANCOUVER ISLAND REGION. <PGC-P>. ML 3.7 (PGC).
a	16	05	15	29.5	18.882	S	177.320	W	356	D	5.4	1.0	261 FIJI ISLANDS REGION. Mw 5.7 (HRV). mb 5.7 (BRK).
	16	05	19	17.0&	48.790	N	128.540	W	10	G			6 VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	16	06	17	32.8	29.039	N	34.871	E	10	G		0.7	6 EGYPT. MD 3.8 (HLW).
	16	06	50	59.6	7.882	N	126.900	E	50	G	4.3	0.7	16 MINDANAO, PHILIPPINE ISLANDS
	16	07	00	20.8	46.889	N	7.391	E	5	G		1.0	25 SWITZERLAND. ML 3.1 (LDG), 2.6 (STR).
	16	07	18	37.5?	4.44	S	152.64	E	33	N	4.3	1.1	12 NEW BRITAIN REGION, P.N.G.
	16	07	27	52.2*	50.159	N	19.451	E	10	G		1.3	10 POLAND. MG 3.4 (WAR).
	16	07	38	49.7&	59.925	N	151.719	W	51				55 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	16	08	41	43.2%	26.280	S	27.629	E	5	G		0.7	5 REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	16	09	05	15.3?	39.17	N	27.32	E	10	G		0.0	4 TURKEY. MD 2.6 (ISK).
	16	09	21	11.7?	39.14	N	27.36	E	10	G		0.6	4 TURKEY. MD 2.6 (ISK).
	16	09	44	13.4	43.868	N	15.542	E	10	G	4.0	1.3	164 ADRIATIC SEA. ML 4.6 (TTG), 4.6 (TIR), 4.5 (LDG). MD 4.5 (FIR). Felt at Sibenik, Sinj, Split and Zadar, Croatia.
	16	10	03	47.7	44.141	N	15.216	E	10	G		1.5	46 NORTHWESTERN BALKAN REGION. ML 3.9 (LDG).
	16	10	50	25.9	32.963	N	140.142	E	100	G	4.5	0.5	25 SOUTH OF HONSHU, JAPAN
	16	11	31	45.4*	13.201	N	51.346	E	10	G	4.3	0.9	21 EASTERN GULF OF ADEN
	16	11	45	49.3?	39.07	N	29.54	E	10	G		0.1	4 TURKEY. MD 2.7 (ISK).
	16	11	51	24.3?	40.15	N	29.00	E	10	G		0.9	4 TURKEY. MD 2.5 (ISK).
	16	11	52	59.9?	39.31	N	29.74	E	10	G		1.2	4 TURKEY. MD 2.7 (ISK).
	16	11	54	58.5?	15.15	S	167.88	E	150	G	4.2	1.1	11 VANUATU ISLANDS
	16	12	17	23.5	24.010	S	66.837	W	210		4.5	1.1	60 SALTA PROVINCE, ARGENTINA
	16	12	45	58.3	38.186	N	37.471	E	10	G		1.2	10 TURKEY. ML 4.1 (BHL). MD 3.9 (ISK).
	16	12	47	57.4&	34.224	N	116.923	W	6				34 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt at Big Bear Lake.

	16	13 06 24.1*	37.291	S	47.804	E	10	G	4.3		0.9	19	SOUTHWEST INDIAN RIDGE
	16	13 10 25.1*	36.860	S	48.242	E	10	G	3.5		0.7	8	SOUTHWEST INDIAN RIDGE
	16	13 23 12.5&	59.839	N	152.460	W	86					69	SOUTHERN ALASKA. <AEIC>.
	16	13 27 17.9%	37.242	N	138.265	E	33	N			1.0	6	NEAR WEST COAST OF HONSHU, JAPAN
	16	13 44 13.6?	40.02	N	28.85	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	16	13 45 26.6%	26.348	S	27.502	E	5	G			0.6	8	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	16	13 46 00.6?	40.03	N	28.82	E	10	G			0.7	4	TURKEY. MD 2.5 (ISK).
	16	13 48 02.2*	37.411	S	47.626	E	10	G	4.2		1.1	13	SOUTHWEST INDIAN RIDGE
	16	15 18 28.8*	12.113	N	92.662	E	33	N	4.1		1.1	13	ANDAMAN ISLANDS, INDIA
	16	15 52 04.6%	53.712	N	159.421	E	33	N	3.6		1.2	11	NEAR EAST COAST OF KAMCHATKA
	16	15 58 18.1*	81.170	S	158.503	E	10	G	4.3		1.4	12	ANTARCTICA. Believed to be the first instrumentally located earthquake in this area.
	16	16 42 09.9%	53.862	N	159.545	E	54	D	3.6		1.1	11	NEAR EAST COAST OF KAMCHATKA
	16	16 54 29.9*	22.535	S	169.418	E	33	N	4.0		1.2	21	LOYALTY ISLANDS REGION
	16	17 01 13.6*	18.331	N	146.639	E	98	*	4.3		1.1	20	MARIANA ISLANDS
	16	18 15 27.3%	37.415	N	4.289	W	10	G			0.7	15	SPAIN. mbLg 3.0 (MDD).
	16	18 28 15.1?	65.13	S	177.97	E	10	G	4.0		1.4	5	BALLENY ISLANDS REGION
	16	18 33 36.5	40.725	N	72.539	E	33	N	3.9		1.2	24	KYRGYZSTAN
	16	18 38 27.4	33.782	S	69.953	W	5	G	4.9		1.3	75	CHILE-ARGENTINA BORDER REGION. MD 4.9 (SAN).
	16	20 03 54.1?	4.49	S	137.01	E	33	N	3.8		1.5	9	IRIAN JAYA, INDONESIA
	16	20 20 37.3%	35.656	N	4.746	W	10	G			0.4	7	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	16	20 56 37.1?	23.99	S	115.31	W	10	G	4.0		0.9	9	SOUTHERN EAST PACIFIC RISE
	16	20 58 46.5	38.789	N	20.468	E	10	G	3.8		1.4	32	GREECE. ML 3.6 (TIR), 3.3 (THE). MD 3.4 (ATH).
	16	21 19 14.2	43.550	N	147.033	E	57	D	4.4		1.2	55	KURIL ISLANDS
	16	21 23 02.4	51.415	N	178.398	E	33	N	4.0		0.9	36	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
	16	21 46 31.2%	40.534	N	23.557	E	10	G			0.5	6	GREECE. ML 2.2 (THE).
	16	21 48 56.0*	51.486	N	167.153	W	33	N	4.3		1.0	41	FOX ISLANDS, ALEUTIAN ISLANDS
	16	21 51 55.2	40.756	N	72.486	E	33	N	4.0		1.2	27	KYRGYZSTAN
	16	21 57 29.0*	31.314	S	68.785	W	119	*			1.2	19	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	16	22 01 40.9	44.940	N	9.028	E	10	G			1.0	36	NORTHERN ITALY. ML 2.8 (STR), 2.7 (LDG).
	16	22 03 10.2	62.034	N	132.530	W	10	G			1.0	9	SOUTHERN YUKON TERRITORY, CANADA. ML 3.9 (PGC). Felt strongly at Ross River.
	16	22 04 25.1	38.647	N	28.481	W	10	G			1.0	9	AZORES ISLANDS. MD 3.6 (PDA). Felt (III) at Praia and Ribeirinha; (II) at Flamengos and Horta, Faial Island.
	16	22 32 22.1?	15.56	N	87.37	W	300	G	3.2		1.5	7	HONDURAS
	16	22 45 42.8	27.891	S	26.713	E	5	G			1.5	17	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	16	23 14 18.5*	38.646	N	26.543	E	10	G			1.2	5	AEGEAN SEA. MD 3.0 (ISK).
	16	23 39 36.7?	8.51	S	120.43	E	192	?	4.4		1.2	11	FLORES REGION, INDONESIA
	17	00 15 54.7%	37.171	N	7.966	W	10	G			0.4	8	PORTUGAL
	17	00 22 18.8	33.148	N	76.176	E	33	N	4.1		1.3	30	KASHMIR-INDIA BORDER REGION
	17	00 26 59.9	49.030	N	7.973	E	10	G			0.8	11	GERMANY. ML 2.5 (LDG), 2.3 (STR).
	17	00 44 56.9?	41.57	N	139.43	E	33	N	4.0		0.9	8	HOKKAIDO, JAPAN REGION
	17	02 16 47.7*	43.975	N	127.919	W	10	G	4.1		1.0	34	OFF COAST OF OREGON
	17	02 20 53.9?	37.37	N	25.16	W	10	G			0.3	10	AZORES ISLANDS
	17	03 38 47.8	43.707	N	15.356	E	10	G			1.3	16	ADRIATIC SEA. ML 2.5 (LJU). Felt at Zadar, Croatia.
	17	04 06 14.3%	29.653	S	68.325	W	33	N			0.7	7	SAN JUAN PROVINCE, ARGENTINA
	17	05 06 10.7	43.052	N	0.328	W	10	G			0.2	6	PYRENEES. ML 2.3 (LDG), 1.7 (STR).
	17	05 16 09.5*	55.376	N	161.102	E	33	N	3.9		0.7	12	NEAR EAST COAST OF KAMCHATKA
	17	05 21 18.6?	35.70	N	140.18	E	33	N			0.1	6	NEAR EAST COAST OF HONSHU, JAPAN
	17	05 38 26.3	32.331	S	68.483	W	145	*			0.5	20	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	17	05 52 52.9*	37.564	N	29.890	E	10	G			0.3	5	TURKEY. MD 3.0 (ISK).
	17	06 10 30.6*	1.184	N	125.967	E	33	N	4.4		0.6	11	NORTHERN MOLUCCA SEA
	17	06 16 11.5*	41.210	N	20.184	E	10	G			1.4	7	ALBANIA. ML 2.3 (TIR), 2.2 (SKO).
	17	06 16 58.4?	41.41	N	20.23	E	10	G			0.8	4	ALBANIA. ML 2.5 (TIR), 2.5 (SKO).
	17	06 26 37.6*	40.344	N	49.036	E	33	N	3.9		1.3	20	EASTERN CAUCASUS
	17	06 27 03.7*	41.289	N	20.250	E	10	G			1.5	7	ALBANIA. ML 2.5 (SKO), 2.4 (TIR).
	17	06 30 46.3&	60.151	N	153.482	W	145					92	SOUTHERN ALASKA. <AEIC>.
	17	06 50 03.4*	43.056	N	0.327	W	10	G			0.4	5	PYRENEES. ML 2.0 (LDG), 1.7 (STR).
	17	07 11 01.7	41.336	N	20.255	E	10	G			1.0	16	ALBANIA. ML 3.2 (TTG), 2.9 (TIR), 2.7 (SKO).
	17	07 40 00.2&	59.882	N	152.038	W	63					93	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
	17	07 44 52.6&	59.995	N	148.979	W	9					62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	07 58 24.8	44.245	N	128.324	W	10	G	3.9		1.0	26	OFF COAST OF OREGON
	17	08 25 49.0	44.012	N	128.271	W	10	G	4.0		0.8	81	OFF COAST OF OREGON
	17	08 27 56.1	43.683	N	28.751	W	10	G	4.6	4.7	1.0	80	NORTHERN MID-ATLANTIC RIDGE
a	17	10 06 46.7	4.399	S	140.068	E	109	D	5.7	5.5	1.3	295	IRIAN JAYA, INDONESIA. Mw 6.1 (GS), 6.1 (HRV). Me 5.6 (GS). Felt (VI) at Wamena and (III) at Jayapura. Also felt at Tembagapura.
	17	10 51 06.3*	28.157	S	71.574	W	50	G	4.4		0.6	11	NEAR COAST OF CENTRAL CHILE
	17	11 01 33.8	6.374	S	154.857	E	66	*	4.5		1.0	43	SOLOMON ISLANDS
	17	11 08 35.6%	44.337	N	7.300	E	10	G			0.3	9	NORTHERN ITALY. ML 2.1 (GEN).
	17	11 28 46.8	39.876	N	143.633	E	28	D	4.2	3.7	1.3	33	OFF EAST COAST OF HONSHU, JAPAN
	17	12 12 02.5	23.249	N	121.644	E	33	N	4.3		0.9	26	TAIWAN
	17	12 18 57.3*	31.667	S	71.504	W	33				0.6	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	17	12 39 25.1	41.246	N	20.215	E	10	G	3.6		1.3	36	ALBANIA. ML 3.7 (TTG), 3.4 (TIR), 3.2 (SKO). MD 3.4 (ATH).
	17	12 41 20.5?	29.25	N	34.60	E	10	G			0.2	5	EGYPT
	17	12 48 35.9	36.035	N	71.026	E	100	G	4.3		0.7	25	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	13 00 36.8?	71.40	N	9.26	W	10	G			0.3	4	JAN MAYEN ISLAND REGION. MD 2.9 (BER).
	17	13 04 58.3*	32.935	S	70.254	W	100	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	17	13 29 22.4	9.381	S	113.976	E	67	D	4.2		0.8	25	SOUTH OF JAWA, INDONESIA
	17	13 38 41.8%	37.648	N	21.333	E	10	G			0.3	5	SOUTHERN GREECE. ML 3.3 (ATH).
	17	13 50 14.7%	26.424	S	27.431	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	17	13 51 40.7*	35.516	N	65.223	E	33	N	4.2		1.2	23	HINDU KUSH REGION, AFGHANISTAN
	17	13 59 37.6*	45.977	N	17.010	E	10	G			1.2	7	NORTHWESTERN BALKAN REGION
	17	14 05 37.9*	9.656	S	114.062	E	33	N	4.1		1.1	10	SOUTH OF BALI, INDONESIA
	17	14 31 44.6	43.525	N	0.667	W	10	G			0.8	50	PYRENEES. ML 3.9 (LDG), 3.5 (STR). mbLg 3.6 (MDD). Felt in the Lacq Oilfield area, France.
	17	14 48 06.9&	38.397	N	122.625	W	4					7	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	17	14 49 59.3?	37.78	N	29.12	E	10	G			1.3	4	TURKEY. MD 3.0 (ISK).
	17	15 11 24.3?	4.84	S	140.26	E	100	G	4.1		1.2	13	IRIAN JAYA, INDONESIA
	17	15 19 13.1?	17.96	N	146.03	E	200	G	3.4		1.1	9	MARIANA ISLANDS
	17	15 23 22.7*	9.733	N	57.559	E	10	G	4.4	4.5	1.3	35	CARLSBERG RIDGE
	17	16 07 24.2?	31.49	S	68.74	W	100	G			0.7	5	SAN JUAN PROVINCE, ARGENTINA

	17	16 41 29.8	0.023	S	78.419	W	10	G			0.5	10	ECUADOR. MD 4.4 (QUI). Felt (III) at Quito.
	17	16 54 06.6*	6.755	N	72.902	W	200	G	3.5		1.3	11	NORTHERN COLOMBIA
	17	17 05 34.2&	26.352	S	27.469	E	5	G			0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	17	17 31 00.9&	44.782	N	112.711	W	8					13	EASTERN IDAHO. <BUT-P>. ML 3.7 (BUT).
	17	17 48 13.7	40.563	N	127.577	W	10	G			1.1	65	OFF COAST OF NORTHERN CALIFORNIA. ML 4.2 (BRK). Mo=1.1*10**16 Nm (BRK)
	17	17 55 13.7*	4.655	S	134.424	E	33	N	4.6		1.3	22	IRIAN JAYA REGION, INDONESIA
	17	17 55 42.2	39.611	N	20.504	E	10	G			1.0	11	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	17	17 57 56.2&	32.838	S	71.430	W	50	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	17	18 11 14.1*	40.524	N	127.430	W	10	G	3.0		0.8	17	OFF COAST OF NORTHERN CALIFORNIA
	17	19 46 01.2	0.010	S	78.960	W	25		4.8		1.0	108	ECUADOR. MD 4.6 (QUI). Felt (III) in northwestern Ecuador.
	17	19 54 38.2	38.948	N	71.775	E	33	N	4.0		1.0	25	AFGHANISTAN-TAJIKISTAN BORD REG. ML 4.1 (BJI).
	17	20 18 03.3*	45.615	N	150.421	E	33	N	3.7		0.9	12	KURIL ISLANDS
	17	21 14 00.2	56.400	N	152.309	W	10	G	4.3		0.9	98	KODIAK ISLAND REGION. ML 4.0 (AEIC), 4.0 (PMR).
	17	23 09 53.3&	34.242	N	116.829	W	7					38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS). Felt.
	17	23 17 01.9*	39.379	N	28.804	E	10	G			1.4	5	TURKEY. MD 2.9 (ISK).
	18	00 19 54.5	23.891	N	94.601	E	33	N	4.0		1.1	27	MYANMAR-INDIA BORDER REGION
	18	01 12 48.3&	63.339	N	151.483	W	36					79	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.8 (PMR).
	18	01 58 06.7&	63.043	N	151.068	W	119					68	CENTRAL ALASKA. <AEIC>.
	18	02 53 33.1&	42.832	N	7.145	W	10	G			0.9	7	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Sarria area.
	18	02 54 24.5?	42.82	N	7.26	W	10	G			0.1	4	SPAIN. mbLg 3.1 (MDD).
a	18	03 06 47.4	22.452	S	171.219	E	64	D	5.3	5.2	1.1	206	LOYALTY ISLANDS REGION. Mw 5.6 (HRV). Ms 5.2 (BRK).
	18	04 07 02.5	49.052	N	7.953	E	10	G			0.7	9	GERMANY. ML 2.2 (LDG), 2.1 (STR).
	18	04 14 38.3&	15.878	N	60.757	W	32	*			0.5	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	18	04 34 56.5	53.055	N	35.328	W	10	G	4.2		0.9	37	NORTH ATLANTIC OCEAN
	18	07 20 37.7?	68.02	N	162.49	W	10	G			1.5	6	NORTHERN ALASKA. ML 3.7 (PMR).
	18	07 32 12.0*	24.196	S	67.120	W	100	G	3.9		1.1	5	CHILE-ARGENTINA BORDER REGION
	18	08 05 35.8	24.093	N	82.624	E	33	N			0.5	19	NORTHERN INDIA. ML 4.2 (DMN).
	18	08 57 51.2&	40.393	N	23.303	E	10	G			0.7	7	GREECE. ML 1.9 (THE).
	18	09 09 59.5?	5.35	S	149.66	E	33	N	4.0		1.4	11	NEW BRITAIN REGION, P.N.G.
a	18	09 33 51.2	41.814	N	77.499	E	33	N	5.2	4.6	0.9	295	KYRGYZSTAN-XINJIANG BORDER REG. Mw 5.2 (HRV). Felt (V) at Kajy-Say; (IV) at Ananyevo, Przhevalsk and Yssyk-Kol; (III) at Bishkek, Kyrgyzstan. Felt (III) at Almaty, Kazakhstan.
	18	09 39 03.0	0.896	S	122.286	E	37	*	4.9	4.6	1.3	67	MINAHASSA PENINSULA, SULAWESI
	18	10 23 32.7?	43.13	N	127.67	W	10	G			0.3	25	OFF COAST OF OREGON
	18	11 12 45.0&	37.411	N	4.276	W	10	G			0.7	9	SPAIN. mbLg 2.7 (MDD).
	18	12 10 10.8	33.209	S	70.347	W	100	G			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	18	12 37 23.6?	10.22	N	56.78	E	10	G	4.1		1.2	8	CARLSBERG RIDGE
	18	12 44 30.6?	24.57	S	179.71	E	600	G	4.0		1.2	17	SOUTH OF FIJI ISLANDS
	18	13 23 04.4*	17.913	S	178.636	W	600	G	4.3		1.2	24	FIJI ISLANDS REGION
	18	13 27 27.0	51.712	N	16.174	E	10	G			1.3	12	POLAND. MG 2.8 (WAR).
	18	15 01 47.2&	46.437	N	150.608	E	33	N	3.9		1.4	15	KURIL ISLANDS
	18	15 05 56.6&	46.346	N	150.539	E	33	N	3.6		1.1	12	KURIL ISLANDS
	18	15 36 35.8&	46.456	N	150.339	E	33	N	3.7		1.0	17	KURIL ISLANDS
	18	15 42 05.3*	25.480	N	123.550	E	134	?	4.0		0.8	17	NORTHEAST OF TAIWAN
	18	15 49 03.0&	46.511	N	150.714	E	33	N	3.7		1.2	18	KURIL ISLANDS
	18	15 51 20.4&	46.568	N	150.430	E	33	N	3.6		1.3	14	KURIL ISLANDS
	18	15 59 25.4&	31.209	S	68.362	W	100	G			0.9	7	SAN JUAN PROVINCE, ARGENTINA
	18	16 09 35.6	46.472	N	150.518	E	33	N	4.2		1.0	36	KURIL ISLANDS
	18	16 32 37.4&	40.653	N	7.239	W	10	G			1.2	4	PORTUGAL
	18	16 32 43.9&	46.373	N	150.855	E	33	N	3.8		1.0	14	KURIL ISLANDS
	18	16 42 51.4	40.767	N	22.764	E	10	G			0.7	10	GREECE. ML 2.1 (THE).
	18	16 48 28.1?	11.28	N	61.44	W	20	G			1.4	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	18	16 50 58.2	46.422	N	150.709	E	33	N	4.1		1.2	32	KURIL ISLANDS
	18	16 54 26.4	46.444	N	150.699	E	23	D	4.0		1.0	36	KURIL ISLANDS
	18	17 03 37.1	35.927	N	27.231	E	10	G			1.3	8	DODECANESE ISLANDS. MD 3.9 (ATH).
	18	17 10 40.8&	26.409	S	27.438	E	5	G			0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	18	17 13 25.9	3.107	N	126.684	E	50	?	4.4		1.0	33	TALAUD ISLANDS, INDONESIA
	18	17 25 47.1	46.458	N	150.667	E	33	N	4.0		0.9	27	KURIL ISLANDS
	18	17 58 30.6	39.715	N	20.330	E	10	G			0.4	8	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	18	18 03 23.3&	62.686	N	149.577	W	80					72	CENTRAL ALASKA. <AEIC>.
	18	18 09 15.3*	46.463	N	150.522	E	33	N	3.9		1.4	11	KURIL ISLANDS
	18	18 43 32.3*	13.394	S	167.037	E	200	G	4.1		1.4	35	VANUATU ISLANDS
	18	19 15 51.1	46.141	N	6.904	E	5	G			1.0	28	SWITZERLAND. ML 2.7 (STR), 2.6 (LDG).
	18	19 20 46.0&	60.423	N	152.108	W	73					47	SOUTHERN ALASKA. <AEIC>.
a	18	20 02 05.4	58.277	S	157.885	E	10	G	5.2	4.9	1.2	107	MACQUARIE ISLANDS REGION. Mw 5.5 (HRV).
	18	20 02 44.1	1.849	N	90.607	W	10	G	4.6		1.0	29	GALAPAGOS ISLANDS REGION
	18	20 06 48.3&	30.433	S	68.462	W	100	G			1.2	9	SAN JUAN PROVINCE, ARGENTINA
	18	20 12 28.8&	33.145	S	70.838	W	20	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	18	20 12 44.3&	33.945	S	70.641	W	100	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	18	20 17 40.7&	35.745	N	117.618	W	5					60	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	18	20 20 22.4	41.638	N	24.083	E	10	G			0.6	12	GREECE-BULGARIA BORDER REGION. ML 3.0 (THE). MD 2.9 (ATH).
	18	20 50 39.0*	38.843	N	26.482	E	10	G			1.0	7	AEGEAN SEA. MD 3.0 (ISK).
	18	21 14 34.8	10.113	N	56.714	E	25	D	5.1	4.6	1.1	144	CARLSBERG RIDGE
	18	21 16 45.6&	63.192	N	150.620	W	134		3.8			116	CENTRAL ALASKA. <AEIC>.
	18	21 30 46.7	38.751	N	0.944	W	10	G			0.9	20	SPAIN. mbLg 3.2 (MDD). Felt (IV) in the Caudete area.
	18	23 00 36.2	18.575	S	65.197	E	10	G	5.0	4.4	0.9	80	MAURITIUS-REUNION REGION
	18	23 01 46.1	16.997	N	62.219	W	10	G			0.8	10	LEEWARD ISLANDS. ML 3.2 (FDF). MD 3.1 (TRN).
	18	23 15 01.0	42.117	N	18.869	E	10	G			0.2	10	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	18	23 23 36.1&	31.136	S	69.097	W	128	?			0.9	8	SAN JUAN PROVINCE, ARGENTINA
	19	00 59 39.9	2.311	N	98.956	E	147	D	4.2		1.1	38	NORTHERN SUMATERA, INDONESIA
	19	01 12 45.2*	23.427	S	179.891	W	500	G	4.3		1.2	19	SOUTH OF FIJI ISLANDS
	19	02 04 03.0?	34.27	S	70.38	W	10	G			0.9	7	CHILE-ARGENTINA BORDER REGION
	19	02 05 00.2	44.316	N	149.522	E	33	N	4.8	4.4	0.9	122	KURIL ISLANDS
	19	02 09 13.4*	44.426	N	149.380	E	33	N	4.1		0.9	18	KURIL ISLANDS
	19	02 09 34.1?	42.95	N	148.36	E	33	N	4.6		1.2	8	OFF COAST OF HOKKAIDO, JAPAN
	19	02 14 11.8*	38.961	N	26.322	E	10	G			0.5	5	AEGEAN SEA. MD 3.5 (ATH).
	19	03 42 59.4	33.417	S	70.316	W	10	G			1.0	14	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	19	04 02 40.5&	27.988	S	26.845	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).

	19	04	51	40.0*	39.674	N	20.597	E	10	G		1.3	6	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	19	05	06	26.0*	15.820	N	62.259	W	33	N		1.1	7	LEEWARD ISLANDS. ML 3.5 (FDF).
	19	05	33	21.3	43.242	N	15.377	E	10	G	3.7	1.3	11	ADRIATIC SEA
	19	06	15	56.8?	29.31	N	16.40	W	33	N		0.1	4	CANARY ISLANDS REGION. mbLg 3.3 (MDD).
	19	06	34	20.0*	10.962	S	166.083	E	33	N	4.6	1.5	23	SANTA CRUZ ISLANDS
	19	06	53	19.6	41.925	N	19.458	E	10	G		0.9	11	ALBANIA. ML 2.4 (TTG).
	19	09	00	23.7*	6.911	S	129.376	E	121	?	4.1	1.3	21	BANDA SEA
	19	09	17	36.8*	21.421	S	67.061	W	200	G		0.5	7	CHILE-BOLIVIA BORDER REGION
	19	09	52	39.6&	59.371	N	152.419	W	69				45	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	19	10	03	12.2*	15.889	S	175.170	W	293	*	4.1	1.1	25	TONGA ISLANDS
	19	10	09	44.5*	52.880	S	27.124	E	10	G	4.5	1.3	21	SOUTH OF AFRICA
	19	10	57	52.4*	26.286	S	13.772	W	10	G	4.7	1.2	19	SOUTHERN MID-ATLANTIC RIDGE
	19	11	31	39.3*	15.494	S	168.329	E	78	*	4.4	1.4	26	VANUATU ISLANDS
	19	12	26	17.2&	28.991	N	86.575	E	33	N		1.1	17	XIZANG. ML 4.1 (DMN).
	19	12	27	28.8	35.924	N	70.331	E	33	N	4.7	1.5	46	HINDU KUSH REGION, AFGHANISTAN
	19	12	56	09.9*	36.832	N	96.040	E	33	N	4.0	1.0	16	QINGHAI, CHINA. ML 3.7 (BJI).
	19	13	39	02.4*	43.664	N	147.076	E	33	N	4.1	1.2	20	KURIL ISLANDS
	19	15	07	24.0*	18.858	N	145.428	E	600	G	3.7	1.0	16	MARIANA ISLANDS
	19	15	13	32.9&	43.108	N	0.621	W	10	G		0.4	5	PYRENEES. ML 1.7 (STR).
	19	15	16	58.9*	10.868	N	85.977	W	33	N	4.2	1.5	21	COSTA RICA
	19	15	37	32.8	0.785	S	122.577	E	107	?	4.1	0.8	23	MINAHASSA PENINSULA, SULAWESI
	19	15	57	34.4	8.275	N	127.363	E	33	N	5.0	1.1	82	PHILIPPINE ISLANDS REGION
	19	16	13	50.6*	6.185	S	147.357	E	122	*	4.3	1.5	14	EASTERN NEW GUINEA REG., P.N.G.
	19	16	14	24.8	5.407	S	147.742	E	33	N	4.8	1.0	19	EASTERN NEW GUINEA REG., P.N.G.
	19	16	23	45.7*	32.061	S	71.673	W	33	N		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	19	16	36	26.3*	39.977	N	143.095	E	33	N	4.2	1.1	12	OFF EAST COAST OF HONSHU, JAPAN
	19	16	40	07.2	35.208	N	27.454	E	33	N	4.0	1.3	32	DODECANESE ISLANDS. MD 4.0 (ATH). ML 3.9 (CSS).
	19	16	52	53.1?	51.72	N	16.35	E	10	G		1.0	6	POLAND
	19	16	53	03.3&	39.802	N	122.685	W	12				27	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
	19	16	55	30.4&	39.812	N	122.713	W	4				26	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
	19	16	56	25.2	21.633	S	169.622	E	37	D	4.8	1.2	58	LOYALTY ISLANDS REGION
	19	18	34	06.3	36.348	N	69.866	E	200	G	3.9	1.2	37	HINDU KUSH REGION, AFGHANISTAN
	19	18	43	10.5&	39.832	N	122.650	W	11				22	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
a	19	19	01	58.5	10.359	S	78.748	W	34	G	5.6 5.1	1.0	297	NEAR COAST OF PERU. Mw 5.6 (GS), 5.6 (HRV). Ms 4.9 (BRK). Mo=3.5*10**17 Nm (PPT). Felt (V) at Barranca and Huarmey; (IV) at Casma, Chimbote and Huacho; (III) at Huaraz; (II) at Lima and Trujillo. Depth from broadband displacement seismograms.
	19	19	10	30.5?	28.46	S	70.93	W	193	?		0.7	11	CENTRAL CHILE
	19	20	04	43.6&	33.338	S	72.031	W	15	G		0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	19	20	09	17.8?	33.15	S	70.28	W	10	G		0.5	7	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	19	20	40	45.9*	32.838	S	71.995	W	33	N		1.1	16	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	19	20	42	18.2?	21.66	N	143.29	E	300	G	3.7	1.0	8	MARIANA ISLANDS REGION
	19	20	44	50.6	53.933	N	159.233	E	33	N	4.7	1.1	96	NEAR EAST COAST OF KAMCHATKA
	19	20	45	35.3	53.991	N	159.264	E	33	N	4.9 4.6	0.8	116	NEAR EAST COAST OF KAMCHATKA
	19	21	10	10.5?	10.01	S	124.49	E	33	N	3.5	0.8	4	TIMOR REGION, INDONESIA
	19	21	23	20.8&	36.831	N	3.221	W	10	G		1.4	7	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	19	21	33	05.0*	53.828	N	159.318	E	33	N	4.0	1.3	16	NEAR EAST COAST OF KAMCHATKA
	19	23	29	54.5&	29.006	N	34.669	E	10	G		0.6	5	EGYPT
	19	23	34	42.9*	44.410	N	149.571	E	33	N	4.0	0.8	16	KURIL ISLANDS
	19	23	41	15.8?	23.12	S	169.64	E	33	N	4.4	1.5	19	LOYALTY ISLANDS REGION
	19	23	42	44.5*	22.983	S	169.287	E	27	D	4.7	1.5	54	LOYALTY ISLANDS REGION
	19	23	51	08.7?	2.50	N	126.42	E	33	N	4.1	0.8	8	NORTHERN MOLUCCA SEA
	19	23	56	18.1&	28.008	S	26.852	E	5	G		0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	20	00	23	17.3*	0.851	N	119.843	E	33	N	4.2	1.3	15	MINAHASSA PENINSULA, SULAWESI
	20	00	36	19.0*	44.409	N	149.593	E	33	N	3.9	0.7	17	KURIL ISLANDS
	20	01	17	47.6&	28.051	S	26.841	E	5	G		1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	20	01	46	29.4?	17.33	S	178.64	W	500	G	4.0	1.0	24	FIJI ISLANDS REGION
	20	02	21	42.6&	33.109	S	70.071	W	10	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	20	02	27	53.6	38.692	N	119.585	W	5	G		0.9	40	CALIFORNIA-NEVADA BORDER REGION. MD 3.1 (GM). ML 3.1 (BRK).
	20	02	48	04.8&	29.324	S	68.224	W	33	N		1.3	5	SAN JUAN PROVINCE, ARGENTINA
	20	03	27	57.3*	40.502	N	142.786	E	33	N	4.1	1.0	22	NEAR EAST COAST OF HONSHU, JAPAN
	20	03	44	52.6?	30.11	N	128.90	E	33	N	3.9	1.2	6	NORTHWEST OF RYUKYU ISLANDS
a	20	03	54	08.9	26.867	S	177.220	W	52	D	5.3	1.2	131	SOUTH OF FIJI ISLANDS. Mw 5.2 (HRV). mb 5.1 (BRK).
	20	04	24	42.5	23.338	N	121.756	E	33	N	4.1	1.0	35	TAIWAN
	20	04	53	02.6*	27.984	S	66.543	W	184	*		0.3	9	CATAMARCA PROVINCE, ARGENTINA
	20	05	46	44.7	39.327	N	20.811	E	10	G		1.4	13	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 3.0 (THE).
	20	07	16	37.8	51.418	N	179.990	W	33	N	5.0	0.9	194	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	20	08	00	25.6&	38.771	N	26.220	E	10	G		1.0	5	AEGEAN SEA. MD 3.1 (ISK).
	20	08	43	07.5	3.496	S	152.122	E	319	D	4.9	0.8	180	NEW IRELAND REGION, P.N.G.
	20	08	43	16.5*	40.309	N	21.715	E	10	G		1.5	6	GREECE
	20	08	57	29.7*	31.210	S	68.845	W	100	G		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	20	09	08	41.4	27.316	S	67.057	W	154	D	4.6	1.2	77	CATAMARCA PROVINCE, ARGENTINA
	20	09	40	36.3*	10.934	N	92.688	E	33	N	4.3	0.6	8	ANDAMAN ISLANDS, INDIA
	20	10	28	52.3&	59.385	N	146.531	W	7	G	3.0		59	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	20	11	18	31.4&	28.869	N	34.743	E	10	G		0.3	5	EGYPT
	20	11	22	41.6&	39.639	N	120.087	W	11				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	20	12	04	34.2?	39.14	N	27.41	E	10	G		0.4	4	TURKEY. MD 2.7 (ISK).
	20	12	09	58.5&	62.073	N	151.286	W	80				61	CENTRAL ALASKA. <AEIC>.
	20	12	45	16.1?	39.15	N	27.35	E	10	G		0.2	4	TURKEY. MD 2.7 (ISK).
	20	13	16	43.8*	45.496	N	14.382	E	10	G		0.5	5	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU).
	20	13	50	34.0*	37.059	N	71.914	E	118	?	3.6	0.8	23	AFGHANISTAN-TAJIKISTAN BORD REG.
	20	14	26	20.0*	0.757	S	122.566	E	33	N	4.1	1.2	24	MINAHASSA PENINSULA, SULAWESI
	20	16	36	33.6?	24.77	N	142.07	E	33	N	3.6	1.1	6	VOLCANO ISLANDS REGION
	20	17	05	09.1*	32.311	N	40.146	W	10	G	4.2	1.1	21	NORTHERN MID-ATLANTIC RIDGE
	20	18	16	05.7&	37.619	N	118.873	W	9				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	20	18	36	08.6?	45.65	N	26.45	E	130	G		0.3	6	ROMANIA
	20	18	42	09.3&	29.156	S	64.106	W	33	N		1.3	6	SANTIAGO DEL ESTERO PROV., ARG.
	20	18	59	15.7	43.057	N	18.848	E	10	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	20	19	00	03.5	39.632	N	20.505	E	10	G		1.3	17	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.7

													(THE), 2.6 (TIR).
	20	20	03	04.2*	51.168	N	15.776	E	10	G		1.2	8	POLAND. ML 2.5 (MOX).
	20	20	17	02.4%	60.054	N	5.402	E	10	G		0.3	7	SOUTHERN NORWAY. MD 1.8 (BER).
	20	20	29	35.9&	40.544	N	121.655	W	11				22	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	20	20	43	35.0?	27.18	N	128.02	E	33	N	4.0	0.8	5	RYUKYU ISLANDS
	20	21	59	39.5%	31.684	S	67.878	W	33	N		0.8	6	SAN JUAN PROVINCE, ARGENTINA
	20	23	04	51.2%	37.257	N	28.373	E	10	G		0.2	5	TURKEY. MD 3.3 (ISK).
	20	23	29	43.4	40.060	N	21.742	E	10	G		0.7	6	GREECE. ML 2.2 (THE).
	20	23	41	24.1	52.293	N	157.532	E	150	G	4.1	1.0	22	KAMCHATKA
	20	23	56	28.6	40.527	N	45.805	E	33	N	4.0	1.5	30	EASTERN CAUCASUS
	20	23	57	27.8	43.348	N	18.553	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	21	00	49	08.4&	36.807	N	121.526	W	6				42	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	21	01	51	21.3	51.651	N	16.277	E	10	G		0.8	14	POLAND. ML 2.9 (MOX), 2.5 (CLL).
	21	01	55	20.5	44.537	N	148.242	E	96	*	3.8	0.6	30	KURIL ISLANDS
	21	02	16	27.5	69.379	N	23.371	E	10	G	3.7	1.0	33	NORTHERN NORWAY. MD 3.9 (BER).
	21	02	17	06.6?	51.40	N	16.13	E	10	G		0.3	5	POLAND. ML 2.3 (MOX).
	21	02	28	04.0?	18.20	S	178.02	W	307	?	3.9	1.2	15	FIJI ISLANDS REGION
	21	02	47	45.7&	63.498	N	152.787	W	41				85	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
	21	02	48	12.2	37.810	N	21.145	E	51		4.1	1.2	58	SOUTHERN GREECE. MD 3.6 (ATH).
	21	03	10	53.3*	43.020	N	146.831	E	81	?	3.8	0.9	17	KURIL ISLANDS
	21	03	13	23.3	45.208	N	14.725	E	5	G		1.3	27	NORTHWESTERN BALKAN REGION. MD 3.3 (LJU), 2.9 (TRI).
	21	03	16	00.1%	43.729	N	6.561	E	10	G		0.6	6	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
	21	03	25	29.4*	37.609	N	23.400	E	173	*	3.3	1.1	9	SOUTHERN GREECE
	21	03	28	34.4?	21.81	S	169.98	E	155	?	4.4	1.5	11	LOYALTY ISLANDS REGION
	21	04	12	18.0&	63.425	N	151.222	W	8				56	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	21	04	16	04.0	31.330	S	69.064	W	121		3.5	1.0	36	SAN JUAN PROVINCE, ARGENTINA
	21	04	20	07.9%	36.981	N	4.824	W	5	G		0.3	5	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	21	05	03	35.6%	37.022	N	3.993	W	5	G		0.4	12	SPAIN. mbLg 2.9 (MDD).
	21	05	23	12.3%	39.536	N	27.451	E	10	G		0.8	6	TURKEY. MD 3.0 (ISK).
	21	05	34	52.4%	32.154	S	67.206	W	23	*		1.2	7	MENDOZA PROVINCE, ARGENTINA
	21	06	30	36.8*	55.213	N	165.131	E	33	N	3.9	0.7	18	KOMANDORSKY ISLANDS REGION
	21	07	01	30.9%	30.729	S	117.105	E	10	G		0.5	6	WESTERN AUSTRALIA
	21	07	25	54.4?	37.22	N	4.20	W	10	G		0.7	4	SPAIN. mbLg 2.5 (MDD).
	21	08	34	49.6?	42.84	N	7.22	W	10	G		0.7	4	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Sarria area.
	21	08	36	12.7?	42.87	N	7.16	W	10	G		0.3	4	SPAIN. mbLg 3.0 (MDD). Felt (III) in the Sarria area.
	21	08	47	40.3	6.409	S	130.427	E	33	N	4.1	0.8	16	BANDA SEA
	21	09	28	38.8	35.855	N	35.700	E	10	G	3.3	0.7	14	JORDAN - SYRIA REGION. MD 3.9 (ISK). ML 3.6 (BHL), 3.6 (CSS).
	21	09	56	03.7%	26.204	S	28.173	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	21	09	58	26.3%	28.028	S	26.840	E	5	G		1.1	13	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
	21	10	17	58.2	42.761	N	18.602	E	10	G		1.0	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	21	10	31	45.0%	31.746	S	69.124	W	100	G		1.0	6	SAN JUAN PROVINCE, ARGENTINA
	21	10	35	05.1?	39.21	N	27.31	E	10	G		0.6	4	TURKEY. MD 2.6 (ISK).
	21	10	55	12.6?	39.15	N	27.44	E	10	G		1.1	4	TURKEY. MD 2.7 (ISK).
	21	11	07	52.6*	2.587	S	77.859	W	33	N	4.1	1.2	11	PERU-ECUADOR BORDER REGION
	21	11	10	18.7?	39.18	N	27.35	E	10	G		1.4	4	TURKEY. MD 2.7 (ISK).
	21	11	42	53.2&	37.539	N	118.877	W	8				28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	21	11	48	50.0?	4.21	S	135.43	E	10	G	4.0	0.7	5	IRIAN JAYA REGION, INDONESIA
	21	12	01	18.4&	34.096	N	116.445	W	8				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS). Felt at Yucca Valley.
	21	12	04	47.1	51.140	N	151.374	E	443		3.6	0.7	34	SEA OF OKHOTSK
	21	12	17	13.9	40.041	N	13.122	E	459		4.7	0.9	175	TYRRHENIAN SEA
	21	12	22	57.3*	10.097	N	70.182	W	10	G	3.2	0.9	6	VENEZUELA
	21	12	52	15.6?	43.99	N	7.41	W	10	G		0.6	4	SPAIN. mbLg 3.4 (MDD).
	21	13	48	32.5?	38.86	N	23.43	E	5	G		0.4	6	GREECE. ML 2.4 (THE).
	21	14	20	43.5?	1.24	N	120.30	E	55	?	4.0	0.8	11	MINAHASSA PENINSULA, SULAWESI
	21	14	59	38.8?	37.13	N	22.50	E	5	G		1.0	4	SOUTHERN GREECE. ML 3.1 (ATH).
	21	15	15	50.1*	12.905	N	145.660	E	46	?	3.8	1.0	16	SOUTH OF MARIANA ISLANDS
	21	15	16	51.1?	34.78	S	70.76	W	100	G		0.4	8	CHILE-ARGENTINA BORDER REGION
	21	15	35	19.8?	17.07	S	179.07	W	500	G	3.9	0.4	10	FIJI ISLANDS REGION
	21	16	06	33.2&	47.449	N	121.782	W	22				35	WASHINGTON. <SEA-P>. MD 3.3 (SEA). ML 3.4 (GS). Felt (IV) at North Bend, Preston and Snoqualmie; (III) at Enumclaw, Monroe and Ravensdale. Also felt at Falls City.
	21	16	20	51.6	45.213	N	14.711	E	10	G		1.4	27	NORTHWESTERN BALKAN REGION. MD 3.5 (LJU). Felt (IV) at Delnice, Lokve, Rijeka and Novi Vinodolski, Croatia.
	21	16	26	04.7%	42.222	N	19.489	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	21	16	43	48.8*	35.239	N	75.737	E	130	?	3.7	1.2	21	EASTERN KASHMIR
	21	16	46	18.7?	31.23	S	68.67	W	100	?		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	21	18	04	45.2%	42.234	N	19.492	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	21	18	24	15.6	43.216	N	139.294	E	100	?	3.9	0.7	17	EASTERN SEA OF JAPAN
	21	18	37	43.4	39.765	N	143.467	E	45	*	4.1 4.0	1.0	25	OFF EAST COAST OF HONSHU, JAPAN
	21	18	52	30.7	35.554	N	75.685	E	33	N	4.2	1.1	42	EASTERN KASHMIR. ML 4.3 (BJI).
	21	19	15	25.1&	47.451	N	121.792	W	21				34	WASHINGTON. <SEA-P>. MD 2.8 (SEA). ML 2.9 (GS).
	21	19	20	05.9	69.134	N	145.352	W	10	G	4.0	0.9	56	NORTHERN ALASKA. ML 3.9 (AEIC), 3.9 (PMR).
	21	19	34	17.4	3.396	S	130.681	E	33	N	4.4	0.8	20	SERAM, INDONESIA
	21	20	09	36.2*	43.316	N	17.681	E	10	G		1.6	8	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	21	20	16	14.4?	30.60	S	71.10	W	166	?		0.7	9	NEAR COAST OF CENTRAL CHILE
	21	20	28	58.0*	12.117	S	114.300	E	33	N	4.2	1.3	8	NORTHWEST OF AUSTRALIA
	21	21	09	01.7&	19.834	N	155.492	W	26		3.8		24	HAWAII. <HVO-P>. MD 4.5 (HVO). Felt at Glenwood, Laupahoehoe, Mauna Loa Estates, Waikoloa and Waimea.
	21	21	13	46.9	39.742	N	143.605	E	36		4.4	0.8	66	OFF EAST COAST OF HONSHU, JAPAN
	21	22	35	52.3?	37.56	N	21.26	E	5	G		1.3	4	SOUTHERN GREECE. MD 2.8 (ATH).
	21	23	10	57.3*	38.334	N	21.613	E	10	G		0.4	5	GREECE. MD 2.6 (ATH).
a	22	00	10	25.9	44.556	N	148.097	E	47		5.3	0.8	321	KURIL ISLANDS. Mw 5.1 (HRV). Felt (III) on Shikotan and at Kurilsk, Iturup.
	22	00	48	48.4*	26.385	N	66.942	E	33	N	3.9	1.0	17	PAKISTAN
	22	00	50	45.5&	64.783	N	148.086	W	25				46	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR). Felt at Fairbanks and North Pole.
	22	01	31	45.7&	64.782	N	148.060	W	26				24	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC). Felt at Fairbanks and North Pole.
	22	02	31	36.4?	42.91	N	0.29	E	10	G		0.4	4	PYRENEES. ML 2.7 (LDG). mbLg 2.5 (MDD).
	22	02	36	45.4?	44.49	N	7.30	E	10	G		0.1	4	NORTHERN ITALY. ML 1.8 (GEN).

	22	02	45	48.7?	44.35	N	7.33	E	10	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	22	03	15	52.9&	62.806	N	149.715	W	81					76	CENTRAL ALASKA. <AEIC>.
	22	03	47	26.7?	18.28	N	145.66	E	189	*	3.7		0.9	17	MARIANA ISLANDS
	22	04	00	59.5	40.031	N	21.811	E	10	G			1.5	21	GREECE. MD 3.1 (ATH). ML 3.0 (TIR), 2.9 (THE).
	22	04	14	46.8	5.418	S	154.241	E	156		4.3		0.8	39	SOLOMON ISLANDS
	22	04	27	37.5%	47.960	N	0.844	W	10	G			0.3	5	FRANCE. ML 2.2 (LDG).
	22	05	22	46.8	4.131	S	127.444	E	220	*	4.7		1.0	29	BANDA SEA
	22	05	50	09.6?	22.22	S	171.80	E	33	N	4.1		0.4	7	LOYALTY ISLANDS REGION
	22	06	04	53.6?	2.76	S	128.33	E	33	N	3.8		0.4	6	CERAM SEA
	22	06	27	56.7	55.685	N	160.637	E	171	?	3.7		0.6	17	KAMCHATKA
	22	06	48	20.6*	6.447	S	131.213	E	117	?	3.9		0.7	9	TANIMBAR ISLANDS REG., INDONESIA
	22	07	21	16.7?	40.10	N	21.79	E	5	G			0.5	4	GREECE. ML 2.2 (THE).
	22	07	25	40.3?	6.66	S	131.14	E	64	?	3.6		1.3	7	TANIMBAR ISLANDS REG., INDONESIA
	22	07	52	09.7?	31.20	S	68.66	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	22	07	52	29.4?	40.08	N	21.76	E	5	G			0.9	4	GREECE. ML 2.2 (THE).
	22	08	22	31.9*	8.196	S	117.851	E	10	G	4.1		1.4	13	SUMBAWA REGION, INDONESIA
	22	08	45	50.4%	40.595	N	23.489	E	10	G			0.7	8	GREECE. ML 2.2 (THE).
a	22	08	59	54.3	2.979	S	141.650	E	35	D	5.9	5.2	0.8	266	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.5 (GS), 5.6 (HRV). Me 6.0 (GS).
	22	09	29	27.9?	39.08	N	27.44	E	5	G			0.9	4	TURKEY. MD 2.8 (ISK).
	22	09	53	34.8?	39.11	N	27.66	E	10	G			0.4	4	TURKEY. MD 2.8 (ISK).
	22	10	16	41.6%	39.169	N	27.671	E	5	G			0.6	5	TURKEY. MD 2.7 (ISK).
	22	10	27	53.4*	39.232	N	27.762	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
	22	10	41	46.6	45.247	N	150.765	E	33	N	4.6		0.9	80	KURIL ISLANDS
	22	10	43	42.8?	26.67	S	28.01	E	5	G			1.2	4	REPUBLIC OF SOUTH AFRICA
	22	11	05	01.7*	53.649	N	159.495	E	33	N	4.1		1.1	22	NEAR EAST COAST OF KAMCHATKA
	22	11	06	34.7	33.810	N	132.613	E	33	N			0.8	9	SHIKOKU, JAPAN
	22	11	18	38.2?	43.84	N	15.82	E	10	G			1.4	4	ADRIATIC SEA
	22	11	21	14.7%	39.136	N	27.617	E	5	G			0.7	5	TURKEY. MD 2.7 (ISK).
	22	11	38	33.5	55.660	N	161.906	E	75	*	4.1		0.7	32	NEAR EAST COAST OF KAMCHATKA
	22	11	42	33.8*	25.888	S	70.650	W	43	*	4.1		1.1	15	NEAR COAST OF NORTHERN CHILE
	22	11	58	22.6	40.001	N	21.546	E	5	G			1.0	16	GREECE. MD 3.0 (ATH). ML 2.9 (THE).
	22	12	23	39.1%	31.739	S	67.829	W	10	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	22	12	47	30.9?	39.06	N	27.59	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
a	22	13	14	59.8	40.094	N	142.323	E	63	D	5.1		1.0	206	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV).
	22	13	47	37.8?	36.48	N	29.92	E	33	N			0.6	4	TURKEY. MD 3.0 (ISK).
	22	14	04	12.3	40.131	N	142.346	E	60		4.6		1.0	86	NEAR EAST COAST OF HONSHU, JAPAN
	22	14	06	23.4?	33.61	S	71.94	W	33	N			0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	22	14	14	03.3?	34.47	S	70.37	W	10	G			0.7	8	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	22	14	52	03.1	8.631	S	124.244	E	76	*	4.5		1.2	35	TIMOR REGION, INDONESIA
	22	14	58	28.4	34.601	N	26.066	E	69		3.9		1.2	49	CRETE. MD 4.1 (ATH), 3.9 (ISK).
	22	15	33	04.8*	19.214	N	104.635	W	33	N	4.4		1.7	33	NEAR COAST OF JALISCO, MEXICO
	22	16	10	43.8	40.065	N	21.795	E	10	G			1.2	11	GREECE. MD 2.9 (ATH). ML 2.5 (THE).
	22	16	29	43.7*	20.837	S	68.978	W	150	*	3.7		1.2	17	CHILE-BOLIVIA BORDER REGION
	22	16	41	45.4	44.489	N	6.831	E	5	G			0.8	42	FRANCE. ML 2.8 (GEN), 2.8 (LDG), 2.5 (STR).
	22	16	58	32.7%	40.421	N	23.772	E	5	G			0.5	6	GREECE. ML 2.2 (THE).
	22	17	28	16.0	2.477	N	128.582	E	287	?	4.3		0.6	33	HALMAHERA, INDONESIA
	22	17	32	27.1&	62.113	N	145.078	W	18					82	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR).
	22	18	04	43.2	39.018	N	27.872	E	10	G			0.7	34	TURKEY. MD 3.9 (ATH), 3.6 (ISK). ML 3.9 (THE).
	22	18	37	45.4	43.172	N	13.605	E	10	G	3.5		1.1	108	CENTRAL ITALY. ML 4.2 (VIE), 4.0 (FUR), 4.0 (LDG), 3.9 (STR). MD 4.1 (TRI), 3.9 (FIR), 3.8 (ROM).
	22	19	22	57.7	24.832	N	121.826	E	92		4.3		1.1	41	TAIWAN
	22	20	06	07.7*	7.446	S	131.312	E	33	N	3.6		0.4	7	TANIMBAR ISLANDS REG., INDONESIA
	22	21	02	16.9*	44.446	N	149.810	E	33	N	3.8		1.0	21	KURIL ISLANDS
	22	21	26	11.7?	15.72	N	61.59	W	120	G			0.2	6	LEEWARD ISLANDS. MG 2.8 (FDF).
	22	21	39	45.7?	17.60	N	62.65	W	100	G			0.7	9	LEEWARD ISLANDS. MD 3.1 (TRN).
	22	21	43	00.8?	52.76	S	25.72	E	10	G	4.0		1.2	8	SOUTH OF AFRICA
	22	21	57	37.7*	18.247	S	167.837	E	33	N	4.7		1.5	27	VANUATU ISLANDS
	22	23	14	00.6	43.120	N	13.533	E	10	G	3.7		1.0	13	CENTRAL ITALY. ML 3.5 (LDG), 3.3 (VIE). MD 3.5 (FIR).
a	22	23	19	57.4	60.614	S	25.901	W	10	G	5.8	6.0	1.0	190	SOUTH SANDWICH ISLANDS REGION. Mw 6.2 (GS), 6.2 (HRV). Me 5.9 (GS). Mo=1.6*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	23	00	29	49.4	6.694	S	129.520	E	71		4.8		1.3	43	BANDA SEA
	23	00	49	24.6*	1.187	S	119.429	E	33	N	4.4		0.9	11	SULAWESI, INDONESIA
	23	00	51	02.3*	11.922	N	141.708	E	33	N	4.4		1.4	10	WESTERN CAROLINE ISLANDS
	23	01	19	43.3*	61.065	S	25.959	W	33	N	4.8		1.2	28	SOUTH SANDWICH ISLANDS REGION
	23	01	21	03.9*	6.308	S	130.223	E	33	*	3.6		0.7	12	BANDA SEA
	23	02	28	01.8&	65.427	N	144.679	W	5					18	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	23	02	35	37.1*	2.104	N	97.538	E	96	?	4.1		1.1	16	NORTHERN SUMATERA, INDONESIA
	23	02	37	22.4%	44.504	N	8.739	E	5	G			0.3	9	NORTHERN ITALY. ML 2.1 (GEN).
	23	03	03	03.0%	29.631	S	68.522	W	110	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	23	03	17	16.0	29.093	N	34.957	E	10	G			1.1	6	EGYPT. ML 3.8 (BHL). MD 3.7 (HLW).
	23	03	25	06.9	44.512	N	10.650	E	10	G			0.8	11	NORTHERN ITALY. ML 2.8 (LDG).
	23	03	59	53.8?	40.04	N	21.25	E	5	G			1.2	4	GREECE
	23	05	08	51.1*	37.095	N	26.285	E	5	G			1.1	5	DODECANESE ISLANDS. MD 3.6 (ATH).
	23	06	05	39.4*	20.678	S	68.693	W	135	*	4.0		1.0	21	CHILE-BOLIVIA BORDER REGION
	23	06	26	59.7&	61.514	N	146.535	W	17					62	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	23	06	52	55.2?	11.21	N	61.69	W	20	G			0.5	4	WINDWARD ISLANDS. MD 2.8 (TRN).
	23	07	06	54.9?	31.89	N	73.04	E	33	N	4.5		1.0	18	PAKISTAN
	23	07	43	43.8	1.885	S	100.858	E	90	*	4.5		0.8	36	SOUTHERN SUMATERA, INDONESIA
	23	08	01	53.8?	3.71	N	125.30	E	33	N	3.9		1.0	7	TALAUD ISLANDS, INDONESIA
	23	08	23	53.5	30.097	S	67.943	W	10	G			1.1	11	SAN JUAN PROVINCE, ARGENTINA
	23	09	55	56.7	47.128	N	9.523	E	10	G			1.0	16	GERMANY. ML 3.1 (STR), 2.8 (LDG), 2.8 (VIE), 2.6 (FUR).
	23	10	30	37.1?	39.12	N	27.65	E	10	G			0.7	4	TURKEY. MD 2.8 (ISK).
	23	10	34	08.4*	49.824	N	153.247	E	206	?	3.8		0.9	19	KURIL ISLANDS
	23	10	46	04.2?	39.08	N	27.67	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	23	12	40	00.5	43.203	N	128.212	W	10	G			0.5	46	OFF COAST OF OREGON
	23	13	11	00.2	32.657	S	71.154	W	36	?			0.4	14	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	23	13	35	31.0*	45.239	N	150.139	E	46	D	3.7		1.2	14	KURIL ISLANDS
	23	13	51	23.6	6.794	N	73.022	W	168		4.3		0.9	42	NORTHERN COLOMBIA
	23	14	24	15.1%	28.733	N	34.707	E	10	G			0.3	5	EGYPT
	23	14	39	33.9*	6.873	S	155.530	E	87	?	3.9		1.3	13	SOLOMON ISLANDS
	23	15	05	00.7?	29.38	N	34.38	E	10	G			0.3	5	EGYPT

23	15	17	56.9?	48.36	N	1.05	W	10	G		1.2	5	FRANCE. ML 2.5 (LDG).
23	15	38	16.0*	32.981	N	104.642	E	33	N	4.0	1.5	10	SICHUAN, CHINA. ML 3.8 (BJI).
23	16	13	56.7	48.814	N	10.128	E	10	G		0.9	10	GERMANY. ML 2.7 (VIE), 2.6 (FUR), 2.5 (GRF).
23	16	29	23.8&	28.041	S	26.935	E	5	G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
23	16	29	24.6*	42.110	S	84.253	W	10	G	4.7	0.8	19	WEST CHILE RISE
23	17	26	40.8	25.144	S	177.259	W	73	*	4.5	0.9	21	SOUTH OF FIJI ISLANDS
23	17	34	41.0	30.483	N	79.413	E	33	N	4.3	1.0	44	XIZANG-INDIA BORDER REGION
23	18	12	46.2?	36.96	N	28.94	E	10	G		0.0	4	DODECANESE ISLANDS. MD 3.1 (ISK).
23	18	36	09.6?	18.95	S	168.61	E	253	*	4.3	0.8	10	VANUATU ISLANDS
23	18	57	42.3?	4.53	S	134.52	E	33	N	3.8	1.2	7	IRIAN JAYA REGION, INDONESIA
23	19	37	38.3?	32.01	S	69.45	W	153	?		0.4	8	MENDOZA PROVINCE, ARGENTINA
23	20	07	56.8&	62.039	N	150.218	W	53				10	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.6 (PMR).
23	20	09	59.9	37.547	N	129.603	E	57		4.3	0.9	47	SOUTH KOREA
23	20	15	04.2*	31.818	S	177.275	W	33	N	4.9	1.5	28	KERMADEC ISLANDS REGION
23	20	43	35.1	41.564	N	23.416	E	10	G		0.9	7	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).
23	21	11	53.3	47.466	N	5.388	E	10	G		0.8	20	FRANCE. ML 2.9 (LDG), 2.5 (STR).
23	21	51	16.8&	36.525	N	2.665	W	5	G		0.5	6	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
23	22	01	57.5	36.554	N	71.370	E	185		4.2	0.9	63	AFGHANISTAN-TAJIKISTAN BORD REG.
23	22	47	47.7	5.236	N	93.929	E	33	N	4.2	0.6	23	OFF W COAST OF NORTHERN SUMATERA
23	22	51	16.8*	51.603	N	16.146	E	10	G		0.8	8	POLAND. ML 2.7 (MOX), 2.2 (CLL).
23	23	10	57.7?	35.06	S	71.21	W	70	G		0.2	6	CENTRAL CHILE
23	23	12	36.5?	46.83	N	5.86	W	10	G		0.8	13	NORTH ATLANTIC OCEAN. ML 3.0 (LDG).
24	00	28	17.3	37.623	N	26.746	E	5	G		1.0	7	DODECANESE ISLANDS. MD 3.6 (ATH), 3.2 (ISK).
24	00	30	10.7	6.773	S	80.361	W	46	D	4.4	1.1	40	NEAR COAST OF NORTHERN PERU
24	00	53	57.8*	32.881	S	71.684	W	33	N		1.1	15	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
24	01	12	45.3	18.186	N	69.991	W	50	*	4.4	0.9	25	DOMINICAN REPUBLIC REGION. Felt (IV) at Santo Domingo.
24	01	14	12.7	43.544	N	0.636	W	5	G		0.8	37	PYRENEES. ML 3.3 (LDG), 3.2 (STR). mbLg 3.3 (MDD). Felt (II) in the Lacq Oilfield area, France. Also felt at Artix, France. Mining induced.
24	01	40	58.8&	40.386	N	124.437	W	18				26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK).
24	02	11	04.7	40.860	N	143.177	E	52	*	4.2	1.2	46	OFF EAST COAST OF HONSHU, JAPAN
24	02	15	03.0*	32.100	S	70.335	W	131	?		0.6	16	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
24	02	17	09.0*	2.814	S	137.293	E	33	N	4.5	1.1	14	IRIAN JAYA, INDONESIA
24	03	48	21.6&	65.257	N	148.399	W	23				29	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
24	04	22	19.1&	44.568	N	7.181	E	10	G		0.5	5	NORTHERN ITALY. ML 1.8 (GEN).
24	04	39	06.5?	52.20	N	169.36	W	33	N	3.4	0.8	5	FOX ISLANDS, ALEUTIAN ISLANDS
24	05	12	33.0&	60.227	N	153.208	W	134				52	SOUTHERN ALASKA. <AEIC>.
24	05	18	18.0*	20.848	S	68.789	W	124	*	3.4	1.4	11	CHILE-BOLIVIA BORDER REGION
24	05	28	07.4	29.500	N	51.020	E	45	*	4.5 4.2	0.9	29	SOUTHERN IRAN
24	05	28	35.3	9.034	N	126.435	E	33	N	4.4 4.0	1.0	29	MINDANAO, PHILIPPINE ISLANDS
24	05	34	25.7	50.438	N	19.016	E	10	G		0.8	8	POLAND. MG 2.7 (WAR).
24	05	50	12.3&	26.434	S	27.459	E	5	G		1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
24	06	00	44.1&	44.557	N	7.225	E	10	G		0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
24	06	05	26.0	29.356	N	51.008	E	35	D	4.4 4.5	1.0	35	SOUTHERN IRAN
24	07	07	04.7	29.414	N	51.033	E	58	*	4.7 4.6	0.8	60	SOUTHERN IRAN
24	07	56	29.9&	34.921	N	119.562	W	12				57	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
24	08	00	37.6*	46.906	N	9.344	E	10	G		1.0	13	SWITZERLAND
24	08	20	59.9*	31.182	S	69.558	W	160	G		0.8	16	SAN JUAN PROVINCE, ARGENTINA
24	08	36	26.5?	10.86	N	62.04	W	60	G		0.3	4	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
24	08	36	57.5	36.876	N	3.727	W	10	G		0.8	15	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Albunuelas area, Spain.
24	08	41	45.5?	36.93	N	3.69	W	10	G		0.3	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
24	09	04	42.4&	33.744	S	71.250	W	49	?		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
24	09	07	15.4	40.458	N	21.837	E	5	G		0.5	8	GREECE. ML 2.1 (THE).
24	09	08	25.1	73.475	N	8.241	E	10	G	4.1	1.3	41	GREENLAND SEA
24	09	13	51.8	41.512	N	23.399	E	10	G		0.5	11	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE).
24	09	17	58.9*	31.873	S	67.784	W	10	G		0.7	8	SAN JUAN PROVINCE, ARGENTINA
24	10	07	22.3&	39.126	N	27.631	E	10	G		0.6	5	TURKEY. MD 2.7 (ISK).
24	10	23	56.4*	47.505	N	7.185	E	10	G		0.4	5	SWITZERLAND. ML 1.9 (STR).
24	10	35	09.0&	59.701	N	152.834	W	93				60	SOUTHERN ALASKA. <AEIC>.
24	10	43	46.0&	39.175	N	27.630	E	10	G		0.5	5	TURKEY. MD 2.6 (ISK).
24	11	09	11.2?	39.08	N	27.67	E	10	G		0.1	4	TURKEY. MD 2.7 (ISK).
24	11	26	19.5	24.610	S	179.965	E	521	*	4.7	1.1	36	SOUTH OF FIJI ISLANDS
24	12	13	32.8	41.169	N	19.814	E	10	G		1.3	15	ALBANIA. ML 2.5 (TTG), 2.4 (TIR).
24	12	22	09.6	40.452	N	21.833	E	10	G		0.3	6	GREECE
24	12	48	45.2?	39.20	N	27.87	E	10	G		1.1	4	TURKEY. MD 2.7 (ISK).
24	13	37	48.4?	39.50	N	29.75	E	5	G		1.4	4	TURKEY. MD 2.6 (ISK).
24	13	43	54.0?	43.04	N	0.30	W	10	G		0.6	4	PYRENEES. ML 2.2 (LDG), 1.9 (STR).
24	13	56	50.0*	8.014	S	158.106	E	33	N	4.4	1.2	17	SOLOMON ISLANDS
24	14	13	50.8	43.002	N	0.333	W	10	G		0.5	11	PYRENEES. ML 2.6 (LDG), 2.2 (STR).
24	14	15	20.9	38.655	N	21.786	E	5	G		1.2	13	GREECE. MD 3.1 (ATH). ML 2.9 (THE).
24	14	55	48.3	36.470	N	5.228	W	5	G		1.3	18	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
24	15	05	12.9	28.843	N	35.175	E	10	G		1.1	12	WESTERN ARABIAN PENINSULA. ML 4.0 (JER), 3.9 (BHL).
24	15	38	09.0&	26.348	S	27.441	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
24	15	46	28.8	43.043	N	0.308	W	10	G		0.8	19	PYRENEES. ML 3.5 (LDG), 3.2 (STR). mbLg 3.3 (MDD). Felt (III) in the Bearn region, France.
24	15	59	14.7	43.037	N	0.307	W	10	G		0.9	13	PYRENEES. ML 2.8 (LDG). mbLg 2.8 (MDD).
24	16	57	05.7	38.905	N	27.747	E	10	G		0.7	39	TURKEY. MD 3.8 (ATH), 3.7 (ISK). ML 3.7 (THE).
24	16	58	22.8*	18.002	S	178.441	W	599	?	4.3	1.2	28	FIJI ISLANDS REGION
24	17	51	28.1*	50.382	N	18.774	E	5	G		0.4	6	POLAND. MG 2.8 (WAR).
24	19	02	02.2&	33.317	N	118.005	W	6	G			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
24	19	46	56.8*	51.461	N	15.985	E	5	G		1.3	7	POLAND. MG 2.5 (WAR).
24	19	57	48.5&	63.608	N	149.668	W	118				66	CENTRAL ALASKA. <AEIC>.
24	20	11	52.8?	36.44	N	27.13	E	33	N		1.0	4	DODECANESE ISLANDS
24	20	20	28.1&	36.580	N	121.173	W	2				38	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.8 (GS).
24	22	02	52.5	2.525	S	139.868	E	33	N	4.9	1.0	88	NEAR NORTH COAST OF IRIAN JAYA
24	22	11	15.5?	39.23	N	27.61	E	10	G		0.6	4	TURKEY. MD 2.7 (ISK).
24	23	03	43.9	35.807	N	31.329	E	10	G		1.0	11	CYPRUS REGION. MD 3.7 (ISK). ML 3.2 (CSS).
25	00	13	50.4*	37.297	N	36.518	E	10	G		0.8	5	TURKEY. MD 3.5 (ISK).
25	00	34	11.6*	1.438	S	127.725	E	33	N	4.3	0.8	17	HALMAHERA, INDONESIA
25	00	50	39.7?	17.65	N	61.70	W	25	*		0.5	7	LEEWARD ISLANDS. ML 3.2 (FDF). MD 2.8 (TRN).
25	00	55	11.0&	62.301	N	148.516	W	28				62	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).

	25	02 00 11.6*	42.392	N	125.426	W	10	G	3.2		0.2	17	OFF COAST OF OREGON
	25	02 37 21.1*	51.261	N	15.932	E	5	G			1.4	8	POLAND. ML 2.4 (MOX).
	25	03 02 04.7	32.844	S	71.659	W	10	G			0.8	16	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	25	03 14 30.9?	32.56	S	71.95	W	10	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	25	03 26 45.0*	13.979	N	93.262	W	33	N	4.4		1.2	14	OFF COAST OF CHIAPAS, MEXICO
	25	03 46 16.9*	31.433	S	68.713	W	112	*			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	25	04 08 55.9	52.652	N	142.762	E	33	N	4.1		0.9	22	SAKHALIN ISLAND. Felt (III) at Russa and (II) at Okha.
	25	04 23 36.1&	59.835	N	152.660	W	85					77	SOUTHERN ALASKA. <AEIC>.
	25	04 37 57.7*	49.313	S	126.729	E	33	N	4.2		0.7	9	SOUTH OF AUSTRALIA
	25	04 38 55.7%	34.091	S	70.128	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	25	04 39 32.2?	34.08	S	70.09	W	10	G			0.1	5	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	25	04 52 04.4&	59.956	N	151.462	W	65					75	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	25	05 35 12.6&	34.163	N	116.447	W	2					36	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS). Felt (V) at Yucca Valley and (III) at Forest Falls and Joshua Tree.
	25	05 53 16.4	31.581	S	69.370	W	127	*			0.7	19	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
	25	07 15 13.9	28.696	N	87.223	E	33	N	4.4		1.5	45	XIZANG
	25	07 41 18.2?	31.32	S	68.20	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	25	08 20 05.9*	21.594	N	143.003	E	343	*	3.7		1.1	21	MARIANA ISLANDS REGION
	25	08 44 42.0?	40.86	N	27.71	E	10	G			0.9	5	TURKEY. MD 2.8 (ISK).
	25	09 14 04.0*	7.149	N	80.293	W	33	N	4.6		1.5	38	PANAMA. MD 4.7 (UPA).
	25	09 20 02.5*	50.871	N	15.684	E	10	G			1.5	6	CZECH AND SLOVAK REPUBLICS. ML 2.4 (MOX).
	25	09 38 19.0?	8.03	N	39.17	W	10	G	3.9		1.2	7	CENTRAL MID-ATLANTIC RIDGE
	25	09 54 58.0	18.401	N	147.068	E	61	*	4.4		1.1	42	MARIANA ISLANDS REGION
	25	10 05 55.5?	39.11	N	27.59	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	25	10 30 26.0%	32.970	S	71.098	W	57	?			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 2.2 (SAN).
	25	10 43 27.1	52.691	N	160.387	E	44	*	4.2		0.9	37	OFF EAST COAST OF KAMCHATKA
	25	10 58 12.8&	34.268	N	118.453	W	12					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	25	11 11 19.4?	39.10	N	27.58	E	10	G			0.0	4	TURKEY. MD 2.8 (ISK).
	25	11 11 34.0	33.703	N	132.321	E	67		3.9		0.7	21	SHIKOKU, JAPAN
	25	12 02 45.1*	7.871	S	117.410	E	10	G	3.6		1.5	8	BALI SEA
	25	12 27 26.9%	39.241	N	27.710	E	5	G			0.2	5	TURKEY. MD 2.8 (ISK).
a	25	12 45 08.4	18.511	N	102.129	W	77	D	5.3		1.0	248	MICHOACAN, MEXICO. Mw 5.5 (HRV).
	25	12 53 13.6?	38.46	N	26.23	W	5	G			0.3	5	AZORES ISLANDS
	25	13 56 29.4%	38.366	N	26.355	W	5	G			0.2	10	AZORES ISLANDS
	25	14 46 58.5%	42.831	N	7.082	W	10	G			0.9	5	SPAIN. mbLg 3.0 (MDD). Felt (III) in the Sarria area.
	25	14 50 24.5?	16.11	S	174.21	W	85	?	4.2		1.1	10	TONGA ISLANDS
	25	15 38 03.8%	26.408	S	27.367	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	25	15 40 59.8&	62.210	N	150.197	W	9					61	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR). Felt (II) at Talkeetna.
	25	15 49 12.6*	45.223	N	150.782	E	33	N	3.8		1.0	20	KURIL ISLANDS
	25	17 10 53.6?	42.84	N	7.27	W	5	G			0.3	4	SPAIN. mbLg 3.1 (MDD).
	25	17 54 57.2*	0.306	S	125.332	E	67	*	4.3		1.2	19	SOUTHERN MOLUCCA SEA
	25	18 05 21.5	29.299	N	51.006	E	49	*	4.5	4.7	0.8	24	SOUTHERN IRAN
	25	18 06 13.2?	43.09	N	0.35	W	10	G			0.2	4	PYRENEES. ML 1.4 (STR).
	25	18 08 38.6	44.430	N	149.374	E	47	D	4.7	4.3	1.0	116	KURIL ISLANDS
	25	18 28 54.1	44.487	N	149.379	E	67	*	4.2		1.1	40	KURIL ISLANDS
	25	20 02 30.1	51.363	N	16.029	E	10	G	2.8		0.5	19	POLAND. ML 3.4 (GRF), 3.2 (VIE), 2.9 (MOX).
	25	20 12 04.2*	2.367	N	123.106	E	33	N	4.0		0.7	8	CELEBES SEA
	25	20 14 16.8&	58.072	N	138.300	W	10	G				20	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	25	20 43 55.2*	32.202	N	46.057	E	10	G	4.5		0.6	7	IRAN-IRAQ BORDER REGION
	25	20 54 29.3%	38.394	N	26.326	W	5	G			0.2	9	AZORES ISLANDS
	25	21 20 16.3	24.559	N	122.874	E	71		4.0		1.1	32	TAIWAN REGION
	25	21 25 01.6%	44.219	N	8.155	E	10	G			0.1	7	NORTHERN ITALY. ML 1.8 (GEN).
	25	21 37 37.0	8.512	S	119.432	E	143		4.3		1.2	33	FLORES REGION, INDONESIA
	25	21 48 47.0*	43.917	N	147.070	E	33	N	3.9		0.9	22	KURIL ISLANDS
	25	22 28 15.6	5.516	S	151.405	E	97	*	4.5		1.3	61	NEW BRITAIN REGION, P.N.G.
	25	22 33 15.9	46.503	N	13.733	E	5	G			1.1	15	AUSTRIA. MD 2.9 (LJU). ML 2.6 (VIE). Felt (IV) at Kranjska Gora and Podkoren, Slovenia.
	25	22 34 48.7*	8.002	S	129.412	E	33	N			1.1	12	TIMOR SEA
	25	23 12 46.2*	39.843	N	21.489	E	5	G			0.9	5	GREECE. ML 2.1 (THE).
	25	23 26 39.8	43.004	N	0.353	W	10	G			0.9	9	PYRENEES. ML 2.6 (LDG). MD 2.9 (BTH).
	26	00 19 43.9	18.237	S	174.538	W	134	D	4.9		1.1	54	TONGA ISLANDS. mb 4.6 (BRK).
	26	00 36 15.5	1.971	S	120.356	E	64	*	4.7		1.1	52	SULAWESI, INDONESIA
	26	00 57 00.6?	33.91	S	70.39	W	100	G			0.1	5	CHILE-ARGENTINA BORDER REGION
	26	00 58 14.4&	59.846	N	153.278	W	125		4.1			114	SOUTHERN ALASKA. <AEIC>.
	26	01 00 50.0	44.516	N	7.277	E	10	G			0.4	22	NORTHERN ITALY. ML 2.5 (GEN), 2.3 (LDG).
	26	01 06 56.3?	31.82	S	69.06	W	120	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	26	01 23 20.0*	46.284	N	7.420	E	10	G			0.8	8	SWITZERLAND. ML 2.3 (STR), 2.1 (LDG).
	26	02 15 47.4%	39.021	N	23.348	E	10	G			0.4	8	AEGEAN SEA. ML 2.5 (THE).
	26	02 19 45.9	44.515	N	7.302	E	12				0.5	28	NORTHERN ITALY. ML 2.7 (LDG), 2.7 (GEN).
	26	02 20 00.8?	31.06	S	68.54	W	100	G			1.0	4	SAN JUAN PROVINCE, ARGENTINA
	26	02 21 11.2	30.905	N	91.523	E	33	N	5.1		0.8	165	XIZANG
	26	02 31 47.6	44.513	N	7.283	E	10	G			0.6	19	NORTHERN ITALY. ML 2.2 (GEN), 2.0 (LDG), 1.9 (STR).
	26	02 38 22.1	36.578	N	140.930	E	97		4.1		0.8	26	NEAR EAST COAST OF HONSHU, JAPAN
	26	03 04 06.9	11.467	S	118.180	E	33	N	4.4		0.8	22	SOUTH OF SUMBAWA, INDONESIA
	26	03 06 20.3%	31.983	S	67.346	W	120	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	26	03 22 52.9	17.511	N	92.987	W	19	*	4.2		1.2	28	CHIAPAS, MEXICO
	26	04 12 08.9	32.023	S	67.572	W	10	G			0.6	8	MENDOZA PROVINCE, ARGENTINA
	26	04 18 16.5*	16.709	N	60.692	W	17				0.4	12	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.4 (TRN).
	26	04 48 49.8*	31.596	S	69.168	W	117	*			1.1	8	SAN JUAN PROVINCE, ARGENTINA
	26	05 25 17.7	43.455	N	147.156	E	63	?	4.5		1.0	41	KURIL ISLANDS
	26	05 34 21.6&	62.081	N	147.836	W	33					73	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	26	06 14 21.2*	38.306	N	21.867	E	5	G			1.4	12	GREECE. MD 2.9 (ATH).
	26	07 46 00.8%	17.929	N	76.699	W	10	G			0.5	5	JAMAICA REGION. MD 2.4 (HOJ). Felt (II) in St. Andrew Parish.
	26	08 03 06.1*	11.823	N	126.296	E	33	N	4.2		0.9	9	PHILIPPINE ISLANDS REGION
	26	08 14 41.9	36.437	N	70.356	E	209	*	4.0		0.9	37	HINDU KUSH REGION, AFGHANISTAN
	26	08 57 36.7	36.258	N	77.704	E	116		4.4		0.8	63	KASHMIR-XINJIANG BORDER REGION
	26	09 05 19.7?	44.49	N	7.27	E	10	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	26	09 12 57.9	30.365	S	70.907	W	79	D	4.5		1.0	64	CHILE-ARGENTINA BORDER REGION
	26	09 29 05.9?	30.38	S	69.32	W	33	N			0.8	4	CHILE-ARGENTINA BORDER REGION
	26	10 10 38.4?	32.54	S	71.98	W	33	N			0.6	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).

	26	10	14	27.8*	52.638	N	160.565	E	33	N	3.9		0.9	16	OFF EAST COAST OF KAMCHATKA
	26	10	42	11.1?	5.64	S	147.36	E	226	*	4.5		1.2	11	EASTERN NEW GUINEA REG., P.N.G.
	26	10	52	58.5	53.750	N	169.141	E	37	D	3.9		0.9	37	KOMANDORSKY ISLANDS REGION
	26	10	55	48.9?	4.31	S	78.79	W	33	N	4.0		1.4	8	PERU-ECUADOR BORDER REGION
	26	11	20	34.9?	39.85	N	29.31	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	26	11	27	52.9&	59.586	N	138.945	W	0					25	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	26	11	33	31.2?	34.21	S	71.38	W	60	G			0.1	6	NEAR COAST OF CENTRAL CHILE
	26	11	40	41.8*	29.437	N	50.877	E	32	*	3.9		0.8	12	SOUTHERN IRAN
	26	11	40	49.0&	26.346	S	27.504	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	26	12	09	55.8?	39.72	N	29.45	E	5	G			0.4	4	TURKEY. MD 2.6 (ISK).
	26	12	29	15.9*	36.388	N	30.977	E	10	G			0.9	6	TURKEY. MD 3.4 (ISK).
	26	12	46	20.5*	12.004	S	78.010	W	50	*	4.5		0.6	21	OFF COAST OF PERU. Felt (II) at Lima.
	26	13	06	02.8&	35.793	N	117.665	W	6		3.4			97	CENTRAL CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS). Felt (III) at Onyx and Ridgecrest.
	26	13	11	13.8	29.343	N	51.008	E	33	N	4.6	4.3	0.8	69	SOUTHERN IRAN
	26	13	54	19.0*	33.239	S	71.685	W	12				1.0	15	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	26	14	49	23.9?	39.63	N	29.47	E	5	G			0.7	5	TURKEY. MD 2.7 (ISK).
	26	14	59	16.9?	39.46	N	29.58	E	5	G			0.4	5	TURKEY. MD 2.6 (ISK).
	26	15	09	09.0*	15.970	S	176.671	W	354	*	4.3		0.8	26	FIJI ISLANDS REGION
	26	15	10	43.7?	39.74	N	29.52	E	10	G			0.8	5	TURKEY. MD 2.6 (ISK).
	26	15	50	10.0&	62.188	N	147.695	W	47					73	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	26	15	53	37.0*	40.195	N	142.415	E	10	G			0.3	6	NEAR EAST COAST OF HONSHU, JAPAN
	26	16	12	43.6*	23.900	S	66.466	W	235	*	3.3		1.2	12	JUJUY PROVINCE, ARGENTINA
	26	16	13	28.3*	16.757	N	99.072	W	60	*	3.5		1.2	9	NEAR COAST OF GUERRERO, MEXICO
	26	16	26	50.3	36.453	N	71.551	E	33	N	3.7		0.9	21	AFGHANISTAN-TAJIKISTAN BORD REG.
	26	16	30	34.3	39.363	N	25.569	E	10	G			0.8	21	AEGEAN SEA. MD 3.6 (ISK), 3.5 (ATH).
	26	16	33	21.4&	38.710	N	27.220	E	5	G			0.8	6	TURKEY. MD 3.1 (ISK).
	26	16	57	15.7	3.559	S	134.866	E	33	N	4.4		1.0	35	IRIAN JAYA REGION, INDONESIA
	26	17	02	16.5	29.331	N	51.032	E	33	N	4.4		1.0	33	SOUTHERN IRAN
	26	17	35	34.3?	7.85	S	119.43	E	33	N	4.0		0.6	10	FLORES SEA
	26	18	54	14.4&	61.921	N	151.914	W	117					70	SOUTHERN ALASKA. <AEIC>.
	26	19	01	15.6	46.043	N	6.472	E	11				1.0	48	SWITZERLAND. ML 2.9 (LDG), 2.6 (STR).
	26	19	01	28.7	28.749	N	52.379	E	33	N	4.4		0.9	49	SOUTHERN IRAN
	26	19	42	38.4*	24.792	S	70.488	W	33	N			1.1	9	NEAR COAST OF NORTHERN CHILE
	26	19	47	53.1*	40.098	N	21.727	E	10	G			0.5	5	GREECE. ML 2.1 (THE).
	26	20	06	51.7	43.220	N	8.097	E	10	G			0.2	8	CORSICA. ML 2.2 (LDG), 2.1 (STR).
	26	20	30	08.1?	31.42	S	68.79	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	26	20	31	06.1	51.732	N	16.114	E	10	G			0.9	11	POLAND. ML 2.5 (MOX).
	26	21	57	11.2	30.759	S	71.948	W	64	*	4.2		1.1	26	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN). Felt (IV) at Monte Patria, Ovalle and Punitaqui; (III) at Combarbala and La Serena.
	26	22	10	39.9*	35.550	S	71.124	W	100		3.7		1.1	28	CENTRAL CHILE. MD 4.0 (SAN).
	26	22	12	51.1?	26.31	S	28.30	E	5	G			1.0	4	REPUBLIC OF SOUTH AFRICA
	26	22	19	00.0?	30.83	S	71.29	W	165	?			0.8	8	NEAR COAST OF CENTRAL CHILE
	26	22	54	44.1	42.830	N	7.192	W	10	G			0.6	8	SPAIN. mbLg 3.0 (MDD). Felt (IV) in the Sarria area.
	26	23	22	30.3?	40.08	N	21.62	E	10	G			0.2	4	GREECE
	26	23	37	21.9*	29.989	S	69.505	W	157	?			0.2	8	CHILE-ARGENTINA BORDER REGION
	27	00	08	53.1	51.665	N	16.208	E	10	G			0.9	15	POLAND. ML 2.5 (MOX).
	27	00	18	47.3?	29.37	S	179.27	W	483	?	3.8		1.3	14	KERMADEC ISLANDS REGION
	27	00	34	55.9	5.088	S	150.498	E	300		4.5		0.8	67	NEW BRITAIN REGION, P.N.G.
	27	00	35	04.2&	28.106	N	84.352	E	10	G			0.8	14	NEPAL. ML 4.3 (DMN).
	27	00	36	54.1	2.784	S	77.847	W	33	N	4.5		0.9	39	PERU-ECUADOR BORDER REGION
	27	00	40	12.5*	35.704	N	136.708	E	33	N	3.6		0.3	6	WESTERN HONSHU, JAPAN
	27	00	54	44.4*	31.338	S	68.779	W	116	*			0.5	9	SAN JUAN PROVINCE, ARGENTINA
	27	01	27	53.1?	0.63	S	14.00	W	10	G	4.9		0.7	8	NORTH OF ASCENSION ISLAND
	27	01	34	48.3*	2.272	S	99.868	E	31	D	4.3		1.0	15	SOUTHERN SUMATERA, INDONESIA
	27	02	04	58.7*	6.162	S	150.936	E	51	?	4.5		1.3	19	NEW BRITAIN REGION, P.N.G.
	27	02	20	17.3	28.323	S	68.724	W	120	G			0.5	5	LA RIOJA PROVINCE, ARGENTINA
	27	02	46	05.3	24.036	S	66.798	W	212		3.9		1.2	37	SALTA PROVINCE, ARGENTINA
	27	02	47	59.5&	35.792	N	117.666	W	6					13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	02	51	04.6*	45.366	N	26.352	E	141	?			0.7	8	ROMANIA
	27	03	00	38.5?	50.10	N	19.12	E	10	G			0.4	4	POLAND. MG 2.6 (WAR).
	27	03	16	28.8	44.430	N	113.999	W	5	G			0.6	12	EASTERN IDAHO. ML 3.2 (BUT).
	27	04	55	50.7&	44.515	N	7.311	E	5	G			0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
	27	05	02	11.5	20.285	S	178.159	W	622		4.5		0.9	62	FIJI ISLANDS REGION
	27	05	29	54.4	36.551	N	4.342	W	87	?			0.6	12	STRAIT OF GIBRALTAR
	27	05	30	49.3?	6.55	S	147.36	E	81	*	3.9		1.2	11	EASTERN NEW GUINEA REG., P.N.G.
	27	05	46	57.8?	38.13	N	21.97	E	10	G			1.4	4	GREECE. MD 2.7 (ATH).
a	27	06	01	42.1	3.138	S	127.344	E	33	N	5.2	4.5	1.0	113	SERAM, INDONESIA. Mw 5.3 (HRV).
	27	06	18	29.4*	40.872	S	44.355	E	10	G	4.2		0.9	12	SOUTHWEST INDIAN RIDGE
	27	06	38	13.0*	31.340	S	69.018	W	119	*			0.6	8	SAN JUAN PROVINCE, ARGENTINA
	27	07	57	38.5?	44.86	N	6.65	E	10	G			0.4	4	FRANCE. ML 1.9 (GEN).
	27	08	26	01.3	46.257	N	12.592	E	11				1.0	124	NORTHERN ITALY. ML 4.1 (GRF), 4.1 (STR), 3.9 (VIE), 3.9 (MOX), 3.7 (LDG), 3.6 (FUR). MD 3.7 (ROM).
	27	08	30	27.2	46.407	N	12.663	E	10	G			1.0	11	NORTHERN ITALY. ML 2.9 (VIE), 2.5 (FUR).
	27	09	08	48.0&	59.562	N	153.011	W	100					73	SOUTHERN ALASKA. <AEIC>.
	27	09	54	22.2*	5.939	S	150.989	E	75	?	3.8		1.3	7	NEW BRITAIN REGION, P.N.G.
	27	10	02	28.9	37.903	N	2.234	W	5	G			0.8	26	SPAIN. mbLg 3.7 (MDD).
	27	10	05	28.2*	44.873	N	150.443	E	46	D	3.6		1.1	12	EAST OF KURIL ISLANDS
	27	10	20	39.5?	39.17	N	27.47	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	27	10	26	05.5?	39.75	N	29.45	E	10	G			0.5	5	TURKEY. MD 2.6 (ISK).
	27	10	29	53.4?	39.14	N	27.53	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	27	10	32	03.9	56.333	N	115.655	E	33	N	4.0		1.2	24	EAST OF LAKE BAYKAL, RUSSIA
	27	10	41	12.8?	39.13	N	27.59	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	27	10	46	20.5	9.199	N	126.696	E	60	?	4.7	4.1	1.3	54	MINDANAO, PHILIPPINE ISLANDS
	27	11	07	39.7?	38.31	N	30.43	E	10	G			1.0	4	TURKEY. MD 3.0 (ISK).
	27	11	09	41.5?	39.60	N	29.53	E	5	G			1.1	5	TURKEY. MD 2.6 (ISK).
	27	11	50	17.8*	19.120	S	174.433	W	33	N	4.7		0.9	25	TONGA ISLANDS
	27	12	24	46.9&	46.047	N	25.981	E	10	G			1.5	5	ROMANIA
	27	13	25	46.4?	39.80	N	29.50	E	10	G			0.6	4	TURKEY. MD 2.6 (ISK).
	27	13	27	33.8&	37.819	N	2.242	W	10	G			0.6	6	SPAIN. mbLg 3.0 (MDD).
	27	13	29	51.3&	37.943	N	2.572	W	10	G			0.9	5	SPAIN. mbLg 2.5 (MDD).
	27	13	44	07.1*	11.373	S	166.217	E	185	*	4.6		1.0	21	SANTA CRUZ ISLANDS

	27	13	54	15.6?	51.82	N	16.25	E	10	G			0.5	4	POLAND
	27	14	00	30.9*	38.161	N	72.289	E	33	N	3.9		1.0	10	TAJIKISTAN
	27	14	22	51.5?	50.07	S	119.74	E	10	G	3.7		0.6	9	SOUTH OF AUSTRALIA
	27	15	03	04.2	6.515	N	126.620	E	62	*	4.4	4.0	1.0	51	MINDANAO, PHILIPPINE ISLANDS
	27	15	28	30.4	46.413	N	12.633	E	10	G			0.6	7	NORTHERN ITALY. ML 2.4 (VIE).
	27	15	42	36.7?	8.37	N	70.43	W	33	N			1.2	5	VENEZUELA
	27	16	45	23.2*	38.426	N	71.759	E	55	?	3.9		1.4	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	27	17	45	07.9&	36.112	N	117.809	W	7					11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
a	27	17	48	09.3	9.187	N	126.416	E	33	N	5.6	5.7	1.0	237	MINDANAO, PHILIPPINE ISLANDS. Mw 6.0 (HRV). Mo=1.4*10**18 Nm (PPT). Felt at Bislig, Surigao and Tandag.
	27	18	41	58.0	38.505	N	26.704	E	10	G			0.9	11	AEGEAN SEA. MD 3.6 (ATH), 3.1 (ISK).
	27	18	57	43.3*	18.095	N	67.008	W	33	N			0.5	5	MONA PASSAGE
	27	19	00	40.8?	43.61	N	147.11	E	97	?	4.0		1.2	21	KURIL ISLANDS
	27	19	01	19.0*	9.082	N	126.603	E	41	D	4.4		1.1	26	MINDANAO, PHILIPPINE ISLANDS
	27	19	14	10.3	1.005	N	120.154	E	33	N	5.2	4.6	1.0	99	MINAHASSA PENINSULA, SULAWESI
	27	19	49	01.2?	46.93	N	11.33	E	5	G			1.2	6	NORTHERN ITALY. ML 2.0 (FUR), 1.9 (VIE).
	27	20	15	32.5*	0.984	N	120.002	E	33	N	4.2		0.7	11	MINAHASSA PENINSULA, SULAWESI
	27	21	29	57.7	22.236	S	138.815	W	0	G	5.3		0.9	246	TUAMOTU ARCHIPELAGO REGION. Underground nuclear explosion.
	27	21	48	56.4	44.564	N	149.404	E	33	N	4.8	4.2	1.0	140	KURIL ISLANDS
	27	22	42	58.1&	36.118	N	117.810	W	7					14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	27	22	49	19.2?	3.63	N	83.04	W	33	N	4.2		1.2	10	OFF COAST OF CENTRAL AMERICA
	27	23	03	54.5	17.365	N	61.245	W	33	N	4.0		0.6	21	LEEWARD ISLANDS. MD 3.8 (TRN). ML 3.7 (FDF).
	27	23	09	03.8	51.604	N	16.274	E	12				0.8	19	POLAND. ML 3.3 (VIE), 3.3 (GRF), 2.9 (MOX).
a	28	00	28	30.7	1.971	S	77.637	W	155	D	4.9		0.8	199	ECUADOR. Mw 5.3 (HRV).
	28	01	17	45.3	37.473	N	16.270	E	38	*	3.5		1.3	58	IONIAN SEA. ML 4.0 (THE). MD 3.6 (ROM).
	28	01	37	10.9?	34.72	S	71.55	W	50	G			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	28	02	22	05.9&	59.569	N	152.912	W	106					51	SOUTHERN ALASKA. <AEIC>.
	28	02	23	27.7	46.155	N	153.028	E	33	N	4.5	4.2	1.0	82	KURIL ISLANDS
	28	02	56	13.9?	32.98	S	72.16	W	21	*			0.8	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	28	02	58	30.7?	28.38	N	51.44	E	33	N	3.8		0.6	7	SOUTHERN IRAN
	28	03	06	38.8?	8.73	N	127.15	E	97	?	4.2		0.8	10	PHILIPPINE ISLANDS REGION
	28	03	52	30.1	14.369	S	167.143	E	175	*	4.2		1.0	63	VANUATU ISLANDS
	28	03	58	08.1*	13.895	S	67.614	W	640	*	3.9		1.0	26	NORTHERN BOLIVIA
	28	04	09	50.5&	35.327	N	116.595	W	2					29	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	28	04	28	03.9?	31.43	S	68.77	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	28	04	47	06.3*	56.098	S	27.273	W	33	N	4.6		1.0	33	SOUTH SANDWICH ISLANDS REGION
	28	05	06	40.5%	40.788	N	28.269	E	10	G			0.3	5	TURKEY. MD 2.5 (ISK).
	28	05	27	39.8	14.291	N	92.568	W	36	D	4.6		1.1	69	NEAR COAST OF CHIAPAS, MEXICO
	28	05	28	35.9	53.021	N	159.822	E	59	*	4.7		1.0	82	NEAR EAST COAST OF KAMCHATKA
	28	05	28	50.7	45.833	N	3.204	E	7				0.6	12	FRANCE. ML 1.6 (LDG).
	28	06	15	39.6?	36.88	N	70.24	E	33	N	3.8		0.5	6	HINDU KUSH REGION, AFGHANISTAN
	28	06	25	58.3	22.882	N	144.079	E	33	N	4.4	4.0	1.1	46	VOLCANO ISLANDS REGION
	28	06	31	21.3	22.859	N	144.135	E	33	N	4.6		1.1	54	VOLCANO ISLANDS REGION
	28	06	46	30.3?	18.98	S	174.75	W	33	N	4.3		1.2	20	TONGA ISLANDS
	28	06	49	04.5?	45.73	N	26.70	E	115	?			0.5	7	ROMANIA
	28	07	51	02.3	44.855	N	9.822	E	12				1.0	43	NORTHERN ITALY. ML 3.1 (STR), 3.0 (LDG).
	28	08	43	16.3	34.270	N	46.459	E	33	N	4.9		0.9	195	WESTERN IRAN
	28	09	04	06.1*	54.268	N	159.433	E	33	N	3.9		1.0	12	NEAR EAST COAST OF KAMCHATKA
	28	09	10	56.0?	43.07	N	0.33	W	5	G			0.4	4	PYRENEES. ML 1.4 (STR).
	28	09	21	00.0?	43.05	N	0.32	W	10	G			0.2	4	PYRENEES. ML 2.2 (LDG).
	28	09	24	42.4*	40.131	N	21.597	E	10	G			1.1	6	GREECE. ML 2.3 (THE).
	28	09	37	36.7*	9.173	N	126.603	E	33	N	4.5		1.2	30	MINDANAO, PHILIPPINE ISLANDS
	28	09	48	28.2?	39.14	N	27.59	E	10	G			0.1	4	TURKEY. MD 2.8 (ISK).
	28	10	02	33.6	43.033	N	0.355	W	10	G			1.1	14	PYRENEES. ML 2.9 (LDG). mbLg 3.0 (MDD). Felt in the Bearn region, France.
	28	10	31	06.5?	39.15	N	27.75	E	10	G			0.8	4	TURKEY
	28	10	58	34.3%	39.293	N	28.775	E	5	G			0.3	5	TURKEY. MD 2.8 (ISK).
	28	11	16	52.4	17.601	N	60.898	W	33	N	3.4		0.6	12	LEEWARD ISLANDS. MD 3.6 (TRN). ML 3.9 (FDF).
	28	11	26	41.5?	39.10	N	27.57	E	10	G			0.1	4	TURKEY. MD 2.6 (ISK).
	28	11	30	53.7	49.246	N	128.558	W	10	G	3.9		0.9	81	VANCOUVER ISLAND REGION
	28	11	58	19.8*	53.643	N	164.590	W	33	N	4.0		0.9	22	UNIMAK ISLAND REGION
	28	12	22	22.3	32.571	S	70.255	W	103	?			0.3	13	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	28	12	23	09.3?	39.17	N	27.57	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	28	12	31	58.3*	39.833	N	37.852	E	10	G			0.3	5	TURKEY
	28	12	36	16.4	38.818	N	30.366	E	5	G			0.5	23	TURKEY. MD 3.5 (ISK). Felt at Afyon.
	28	12	51	00.7*	40.033	N	21.580	E	5	G			0.8	5	GREECE
	28	13	12	51.3%	26.352	S	27.526	E	5	G			0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	28	13	49	28.7*	22.833	N	94.084	E	120	G	4.5		0.7	13	MYANMAR
	28	14	27	35.6?	41.26	N	28.96	E	10	G			0.5	4	TURKEY. MD 2.7 (ISK).
	28	14	42	37.8?	22.98	S	174.72	W	33	N	4.6		0.5	7	TONGA ISLANDS REGION
	28	14	58	08.8*	19.103	S	178.008	W	421	*	4.2		1.0	35	FIJI ISLANDS REGION
	28	15	36	48.0	43.068	N	0.637	W	10	G			0.6	7	PYRENEES. ML 1.5 (STR).
	28	16	35	14.8*	38.557	N	71.805	E	40	?	4.0		1.4	18	AFGHANISTAN-TAJIKISTAN BORD REG.
	28	18	24	42.3?	43.44	N	13.49	E	10	G	3.0		1.4	7	CENTRAL ITALY. ML 3.0 (VIE).
	28	18	36	32.4%	33.039	S	68.140	W	10	G			0.6	6	MENDOZA PROVINCE, ARGENTINA
	28	18	43	39.7	38.203	N	30.084	E	10	G			0.9	7	TURKEY. MD 3.2 (ISK).
	28	18	56	29.5	38.287	N	140.076	E	33	N	4.1		0.8	26	EASTERN HONSHU, JAPAN
	28	19	06	54.5*	11.271	S	74.855	W	100	G	3.5		1.2	5	CENTRAL PERU
	28	19	09	24.8?	30.85	S	69.09	W	100	G			0.3	5	CHILE-ARGENTINA BORDER REGION
	28	19	39	34.9&	35.700	N	117.710	W	10					9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	20	34	05.8%	40.834	N	28.720	E	10	G			0.7	5	TURKEY. MD 2.6 (ISK).
	28	21	52	45.8*	8.845	S	125.622	E	33	N	4.4		1.3	23	TIMOR REGION, INDONESIA
	28	22	19	06.1	38.014	N	74.060	E	161	*	4.1		1.1	36	TAJIKISTAN-XINJIANG BORDER REG.
	28	23	03	50.5?	13.63	N	92.90	W	33	N	4.3		1.5	7	OFF COAST OF CHIAPAS, MEXICO
	28	23	04	10.8?	34.89	S	70.77	W	110	G			0.3	7	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	28	23	27	16.8*	48.992	N	155.356	E	57	?	4.0		1.1	27	KURIL ISLANDS
	28	23	32	43.3*	6.779	S	129.194	E	76	?	4.2		1.2	12	BANDA SEA
	28	23	52	31.9%	42.834	N	7.144	W	10	G			0.3	5	SPAIN. mbLg 3.0 (MDD). Felt (III) in the Sarria area.
	29	00	11	34.7?	35.33	S	71.26	W	100	G			0.3	10	CENTRAL CHILE. MD 2.9 (SAN).
	29	00	24	22.7?	17.90	N	67.37	W	10	G			1.7	5	MONA PASSAGE

	29	00	28	50.9%	44.645	N	6.801	E	5	G		0.2	6	FRANCE. ML 2.1 (GEN).
	29	00	36	33.1	7.025	S	124.795	E	516	*	4.8	0.9	35	BANDA SEA
	29	01	16	18.7*	37.008	N	21.445	E	5	G	3.5	1.3	11	SOUTHERN GREECE. ML 3.3 (ATH).
	29	02	07	27.0&	40.277	N	124.421	W	20		3.7		73	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.8 (GM). ML 3.7 (BRK). Felt in the Petrolia area.
	29	02	29	57.7	8.943	N	126.559	E	93	*	4.3	1.1	34	MINDANAO, PHILIPPINE ISLANDS
	29	02	49	41.8*	14.468	N	92.954	W	71	*	4.1	1.2	23	NEAR COAST OF CHIAPAS, MEXICO
	29	02	54	53.6	29.269	N	129.481	E	44		4.2 4.1	1.0	32	RYUKYU ISLANDS
	29	03	03	11.2%	9.633	N	69.886	W	10	G		1.4	5	VENEZUELA
	29	03	28	15.4*	35.832	N	65.094	E	42	?	4.0	1.5	27	HINDU KUSH REGION, AFGHANISTAN
	29	03	40	30.4	33.004	S	70.136	W	123	*		0.7	19	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	29	03	42	43.5?	27.26	S	27.29	E	5	G		0.5	4	REPUBLIC OF SOUTH AFRICA
	29	03	43	51.3*	31.857	S	69.558	W	154	?		0.3	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (SAN).
	29	03	53	17.1&	63.439	N	151.048	W	11				58	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
	29	03	57	35.6%	17.955	N	76.677	W	10	G		0.7	5	JAMAICA REGION. MD 2.7 (HOJ). Felt (II) in St. Andrew Parish.
	29	06	05	17.7%	38.036	N	22.640	E	33	N		1.1	5	GREECE. ML 2.8 (ATH).
	29	06	06	57.2	44.524	N	7.277	E	10	G		0.6	15	NORTHERN ITALY. ML 2.3 (GEN). ML 1.9 (LDG).
	29	06	08	03.0	9.246	N	126.586	E	79	*	4.7	1.2	62	MINDANAO, PHILIPPINE ISLANDS
	29	06	48	01.9?	44.80	N	7.20	E	10	G		0.2	4	NORTHERN ITALY. ML 1.8 (GEN).
	29	06	53	27.1	38.091	N	22.718	E	10	G		1.0	10	GREECE. ML 2.9 (ATH), 2.7 (THE).
	29	07	22	02.0*	31.551	S	67.932	W	26	?		1.4	7	SAN JUAN PROVINCE, ARGENTINA
	29	07	42	37.8&	62.200	N	149.382	W	47				54	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.7 (PMR)
	29	07	42	56.0	40.429	N	141.424	E	127		4.7	0.9	116	NEAR EAST COAST OF HONSHU, JAPAN. mb 4.9 (BRK). Felt (III) at Misawa.
	29	08	22	21.9	43.386	N	17.207	E	5	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 3.1 (LJU), 2.9 (TTG).
	29	08	42	19.7	40.746	N	142.570	E	51	D	4.6	1.0	79	NEAR EAST COAST OF HONSHU, JAPAN
	29	09	09	35.2?	39.15	N	27.55	E	10	G		0.2	4	TURKEY. MD 2.7 (ISK).
	29	09	28	24.8*	27.613	N	144.074	E	38	D	3.7	0.9	7	BONIN ISLANDS REGION
	29	09	59	01.7?	38.82	N	27.92	E	10	G		0.0	4	TURKEY. MD 2.5 (ISK).
	29	10	07	01.2	14.384	N	92.845	W	73		4.7	1.0	119	NEAR COAST OF CHIAPAS, MEXICO
	29	10	07	25.3%	27.994	S	66.668	W	221	?		1.4	7	CATAMARCA PROVINCE, ARGENTINA
a	29	10	27	07.6	0.943	S	15.916	W	22	D	5.0 4.7	1.0	77	NORTH OF ASCENSION ISLAND. Mw 5.1 (HRV).
	29	10	27	51.4%	59.698	N	5.547	E	10	G		0.1	5	SOUTHERN NORWAY. MD 1.9 (BER).
	29	10	34	25.8?	34.05	S	70.08	W	10	G		0.6	5	CHILE-ARGENTINA BORDER REGION
	29	10	46	12.6*	9.482	N	127.397	E	33	N	4.2 4.2	1.2	18	PHILIPPINE ISLANDS REGION
	29	10	49	54.3	44.326	N	9.998	E	5	G		0.9	38	NORTHERN ITALY. ML 3.3 (GEN), 3.2 (LDG), 3.2 (STR).
	29	10	52	31.8?	41.81	N	30.18	E	10	G		0.2	5	TURKEY. MD 2.7 (ISK).
	29	10	59	35.2?	37.14	N	72.52	E	33	N		0.6	10	TAJIKISTAN
	29	11	03	02.4*	9.081	N	126.498	E	83	?	4.3	1.1	26	MINDANAO, PHILIPPINE ISLANDS
	29	11	28	29.5?	35.07	N	33.24	E	72	?		0.4	5	CYPRUS REGION
	29	11	54	42.3	40.018	N	21.782	E	5	G		1.0	6	GREECE. ML 2.3 (THE).
	29	11	58	06.0*	14.174	N	93.107	W	49	*	4.4	1.2	37	NEAR COAST OF CHIAPAS, MEXICO
	29	12	00	56.3*	0.872	N	28.714	W	10	G	4.4	0.7	14	CENTRAL MID-ATLANTIC RIDGE
	29	12	01	54.7*	40.443	N	21.840	E	10	G		1.3	5	GREECE
	29	12	28	46.5?	3.98	S	151.95	E	124	?	3.7	1.0	9	NEW IRELAND REGION, P.N.G.
	29	12	41	15.0?	16.23	S	177.10	E	33	N	4.1	1.1	15	FIJI ISLANDS
	29	12	48	37.3	0.891	N	120.178	E	10	G	4.9	0.9	38	MINAHASSA PENINSULA, SULAWESI
a	29	13	06	27.3	11.262	N	125.381	E	101		5.4	0.9	166	SAMAR, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
	29	13	24	52.8	25.833	S	179.375	E	557	?	4.2	1.1	35	SOUTH OF FIJI ISLANDS
	29	13	27	47.0?	39.13	N	27.65	E	10	G		0.0	4	TURKEY. MD 2.8 (ISK).
	29	13	49	22.3	45.610	N	151.765	E	33	N	4.8	1.1	113	KURIL ISLANDS
	29	14	29	28.4*	12.299	N	87.034	W	136	*	3.8	0.9	11	NEAR COAST OF NICARAGUA
	29	14	35	38.1*	35.632	N	65.090	E	33	N	3.7	0.8	11	HINDU KUSH REGION, AFGHANISTAN
	29	14	46	08.4*	38.129	N	30.073	E	10	G		1.2	5	TURKEY. MD 3.1 (ISK).
	29	14	52	25.0*	24.088	S	179.947	E	480	*	4.3	1.0	31	SOUTH OF FIJI ISLANDS
	29	15	28	05.7*	42.208	N	23.327	E	10	G		1.4	6	BULGARIA. ML 2.7 (THE).
	29	15	39	55.7?	13.84	S	168.64	E	33	N	3.6	0.9	15	VANUATU ISLANDS
	29	15	52	25.2%	40.637	N	23.508	E	10	G		0.8	5	GREECE. ML 1.9 (THE).
	29	15	56	08.6	43.564	N	110.464	W	5	G		0.7	38	WYOMING. ML 3.2 (GS), 3.7 (BUT).
	29	16	10	29.4&	66.081	N	151.626	W	20	G			42	NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).
	29	16	54	39.8	9.080	N	126.442	E	63	?	4.3	1.1	44	MINDANAO, PHILIPPINE ISLANDS
	29	17	07	17.5?	21.66	S	173.47	E	33	N	4.5	1.0	11	VANUATU ISLANDS REGION
	29	17	44	28.4?	29.71	S	71.36	W	189	?		0.7	9	NEAR COAST OF CENTRAL CHILE
	29	19	57	27.1?	28.03	S	68.81	W	120	G		1.0	5	LA RIOJA PROVINCE, ARGENTINA
	29	20	40	06.0%	37.358	N	1.804	W	10	G		0.6	6	SPAIN. mbLg 3.0 (MDD).
	29	21	26	20.6?	26.65	S	177.43	W	196	D	3.6	1.0	14	SOUTH OF FIJI ISLANDS
	29	22	05	20.8*	19.292	S	168.964	E	144	D	4.6	1.3	16	VANUATU ISLANDS
	29	22	33	30.4?	16.97	S	178.74	W	396	?	4.1	1.0	30	FIJI ISLANDS REGION
	29	23	03	36.0*	31.093	S	179.226	W	200	*	4.7	1.6	49	KERMADEC ISLANDS REGION
	29	23	10	12.3	32.135	S	70.018	W	123	?		0.6	16	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	29	23	30	39.9?	14.65	N	92.51	W	84	*	4.0	1.2	16	NEAR COAST OF CHIAPAS, MEXICO
	29	23	57	50.4*	35.293	N	32.037	E	33	N		1.3	6	CYPRUS REGION. MD 3.3 (ISK).
	30	00	41	47.0*	41.493	N	22.698	E	5	G		1.4	9	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO), 2.2 (THE).
	30	01	38	00.8?	29.13	S	69.64	W	100	G		0.6	6	CHILE-ARGENTINA BORDER REGION
	30	01	54	42.1%	26.398	S	27.515	E	5	G		0.7	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
a	30	02	28	42.6	47.119	N	151.902	E	133		5.4	0.8	342	KURIL ISLANDS. Mw 5.4 (HRV).
	30	02	35	24.6%	38.052	N	2.083	W	10	G		1.3	5	SPAIN. mbLg 2.7 (MDD).
	30	02	39	14.8	42.733	N	18.138	E	5	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	30	03	42	58.4?	44.48	N	7.32	E	10	G		0.0	4	NORTHERN ITALY. ML 1.6 (GEN).
	30	03	54	13.3&	38.679	N	122.739	W	7				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	30	04	06	19.2%	44.080	N	7.748	E	10	G		0.4	9	NORTHERN ITALY. ML 1.9 (GEN).
	30	04	08	03.3?	1.51	N	125.39	E	33	N	4.5	1.2	13	NORTHERN MOLUCCA SEA
	30	04	32	20.2*	2.303	S	136.012	E	33	N	4.9	0.7	14	IRIAN JAYA REGION, INDONESIA
	30	04	36	59.4	45.631	N	26.630	E	97		4.3	0.7	64	ROMANIA
	30	05	46	16.7	38.213	N	22.524	E	10	G	3.9	1.3	41	GREECE. ML 3.5 (ATH), 3.5 (THE).
	30	05	49	18.5	38.242	N	22.661	E	10	G	4.6	1.3	107	GREECE. MD 4.2 (ATH). ML 4.0 (TIR).
	30	06	44	40.8*	84.067	N	4.249	E	10	G	4.1	0.5	13	NORTH OF SVALBARD
	30	06	51	12.1%	26.367	S	27.454	E	5	G		0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	30	07	51	40.1%	26.339	S	27.478	E	5	G		1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	30	07	56	29.2?	35.67	N	27.58	E	10	G		1.1	4	DODECANESE ISLANDS. MD 3.6 (ATH).
	30	08	16	00.9?	38.30	N	24.43	E	5	G		1.1	4	AEGEAN SEA. ML 3.3 (ATH).
	30	08	17	16.2	1.455	N	128.348	E	33	N	4.9 4.5	1.0	38	HALMAHERA, INDONESIA

	30	08	19	59.4%	26.372	S	27.334	E	5	G		0.6	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	30	08	49	33.7?	39.19	N	27.63	E	10	G		0.1	4	TURKEY. MD 2.7 (ISK).
	30	09	00	27.7	15.413	N	61.028	W	90	G		0.4	8	LEEWARD ISLANDS. MG 2.8 (FDF).
	30	09	10	34.2%	39.161	N	27.543	E	10	G		0.6	5	TURKEY. MD 2.7 (ISK).
	30	09	25	01.6?	37.13	N	4.18	W	5	G		0.5	4	SPAIN. mbLg 2.2 (MDD).
	30	09	52	29.2	38.200	N	22.506	E	5	G		1.2	9	GREECE. ML 3.0 (ATH).
	30	10	55	42.6*	40.668	N	73.581	E	33	N	4.0	1.2	15	KYRGYZSTAN
	30	11	59	38.2*	31.529	S	68.776	W	111	?		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	30	12	26	00.6?	35.12	S	71.07	W	80	G		0.6	9	CENTRAL CHILE. MD 2.6 (SAN).
	30	12	53	40.7?	39.68	N	29.42	E	5	G		0.8	4	TURKEY. MD 2.6 (ISK).
	30	13	03	13.9	34.828	N	2.793	W	10	G		1.4	9	MOROCCO. MD 3.7 (RBA).
	30	13	31	01.4?	39.69	N	29.53	E	10	G		0.7	4	TURKEY. MD 2.5 (ISK).
	30	13	34	25.1*	40.737	N	29.988	E	10	G		0.9	8	TURKEY. MD 2.7 (ISK).
	30	13	46	05.5%	40.526	N	23.563	E	5	G		0.2	5	GREECE. ML 2.2 (THE).
	30	13	56	59.9?	39.71	N	29.52	E	5	G		0.9	4	TURKEY. MD 2.6 (ISK).
a	30	13	59	29.4	57.009	S	147.775	E	10	G	5.0 5.3	1.3	22	WEST OF MACQUARIE ISLAND. Mw 5.7 (HRV).
	30	15	00	51.5?	33.22	S	70.34	W	5	G		0.6	4	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	30	15	26	16.6?	39.10	N	27.74	E	10	G		0.4	4	TURKEY. MD 2.7 (ISK).
	30	16	10	54.9%	26.342	S	27.520	E	5	G		0.6	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	30	17	25	50.3	37.948	N	21.945	E	5	G		1.0	6	SOUTHERN GREECE. ML 3.1 (ATH).
	30	17	41	13.2	38.414	N	26.883	E	10		4.5	1.0	131	AEGEAN SEA. ML 4.5 (ATH), 4.3 (THE). MD 4.4 (ISK).
	30	17	53	29.6	35.604	N	77.533	E	77	?	4.5	0.9	29	EASTERN KASHMIR
	30	18	08	34.7	40.720	N	30.025	E	10	G		0.5	9	TURKEY. MD 3.0 (ISK).
	30	18	34	10.9&	34.337	N	118.477	W	11				69	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS). Felt (IV) at Santa Clarita and Sun Valley; (III) at Glendale and Mission Hills. Felt in the Los Angeles area.
	30	19	29	02.1	34.902	N	2.767	W	10	G		1.5	11	MOROCCO. MD 3.5 (RBA).
	30	19	51	40.0	51.569	N	16.208	E	10	G		0.5	12	POLAND. ML 3.4 (GRF), 3.2 (VIE), 3.1 (MOX).
	30	19	57	07.6&	61.910	N	148.299	W	1				79	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	30	20	18	10.8*	38.530	N	26.704	E	10	G		1.2	8	AEGEAN SEA. MD 3.2 (ISK).
	30	20	30	06.8	38.505	N	26.739	E	10	G		0.9	17	AEGEAN SEA. ML 3.5 (ATH). MD 3.5 (ISK).
a	30	21	14	55.7	36.130	N	135.350	E	361		4.9	0.8	251	SEA OF JAPAN. Mw 5.2 (HRV). mb 5.4 (BRK).
	30	21	21	30.2%	38.925	N	3.596	W	10	G		0.9	10	SPAIN. mbLg 2.6 (MDD).
a	30	22	00	09.5	32.953	S	178.253	W	14	G	5.6 6.2	1.1	132	SOUTH OF KERMADEC ISLANDS. Mw 6.1 (GS), 6.0 (HRV). Ms 6.4 (BRK). Mo=9.8*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	30	22	12	15.8*	32.785	S	177.920	W	136	?	4.9	0.1	6	SOUTH OF KERMADEC ISLANDS
	30	22	18	54.3?	33.75	S	178.68	W	33	N	4.6	1.1	6	SOUTH OF KERMADEC ISLANDS
a	30	22	29	57.1	32.921	S	178.298	W	33	N	5.6 6.7	1.0	137	SOUTH OF KERMADEC ISLANDS. Mw 6.4 (HRV). Ms 6.9 (BRK). Mo=6.2*10**18 Nm (PPT).
	30	23	39	00.8?	42.73	N	2.01	E	10	G		0.2	4	PYRENEES. ML 2.3 (LDG), 1.8 (STR).
	30	23	52	32.4%	38.513	N	26.859	E	10	G		0.8	5	AEGEAN SEA. MD 3.1 (ISK).
	30	23	52	35.9*	51.318	N	15.990	E	10	G		1.1	8	POLAND. ML 2.5 (MOX).
	31	00	10	55.2?	33.28	S	178.36	W	33	N	4.6	0.8	10	SOUTH OF KERMADEC ISLANDS
	31	00	13	45.7*	33.541	S	178.518	W	33	N	4.8	0.7	11	SOUTH OF KERMADEC ISLANDS
	31	00	19	57.1?	33.30	S	177.82	W	33	N	4.6	1.3	10	SOUTH OF KERMADEC ISLANDS
	31	01	28	06.8*	33.462	S	178.366	W	33	N	4.6	1.3	18	SOUTH OF KERMADEC ISLANDS
	31	01	35	52.9&	35.771	N	117.620	W	3				29	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	31	01	48	31.2	37.100	N	28.345	E	5	G		1.1	17	TURKEY. MD 4.0 (ATH), 3.7 (ISK).
	31	01	58	51.6?	33.39	S	178.39	W	33	N	4.6	1.1	9	SOUTH OF KERMADEC ISLANDS
	31	02	25	11.2?	33.85	S	178.38	W	33	N	4.4	0.6	7	SOUTH OF KERMADEC ISLANDS
	31	02	29	37.8?	31.91	S	178.50	W	33	N	4.6	0.8	8	KERMADEC ISLANDS REGION
	31	02	38	43.8?	22.99	S	179.66	E	600	G	3.7	0.2	7	SOUTH OF FIJI ISLANDS
	31	03	09	59.7?	33.89	S	178.56	W	33	N	4.4	0.9	8	SOUTH OF KERMADEC ISLANDS
	31	03	13	31.0*	52.067	N	172.355	W	33	N	3.9	0.9	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	31	03	25	49.3?	33.48	S	178.39	W	33	N	4.7	1.2	12	SOUTH OF KERMADEC ISLANDS
	31	03	33	40.6?	32.57	S	178.91	W	33	N	4.7	0.8	7	SOUTH OF KERMADEC ISLANDS
	31	03	44	22.5	40.056	N	21.701	E	10	G		1.0	9	GREECE. MD 3.1 (ATH). ML 2.6 (THE).
	31	04	38	24.8?	38.69	N	27.10	E	5	G		0.1	4	TURKEY. MD 3.2 (ISK).
	31	04	46	33.6?	32.56	S	178.79	W	33	N	4.5	0.6	8	SOUTH OF KERMADEC ISLANDS
a	31	06	19	11.3	33.189	S	178.453	W	20	D	4.9	1.0	30	SOUTH OF KERMADEC ISLANDS. Mw 5.4 (HRV).
	31	06	21	42.2?	1.27	S	120.56	E	33	N	4.4	1.0	9	SULAWESI, INDONESIA
	31	06	57	36.1?	32.47	S	178.75	W	33	N	4.6	1.2	10	SOUTH OF KERMADEC ISLANDS
	31	07	04	07.9*	17.514	N	61.910	W	33	N		0.7	11	LEEWARD ISLANDS. MD 3.6 (TRN).
	31	07	33	35.9%	44.442	N	7.276	E	10	G		0.0	5	NORTHERN ITALY. ML 1.7 (GEN).
	31	07	40	13.5?	37.24	N	28.06	E	10	G		0.4	4	TURKEY. MD 3.4 (ISK).
	31	09	53	33.6	28.909	N	34.809	E	10	G		0.7	11	EGYPT. ML 4.2 (JER). MD 3.7 (HLW).
	31	10	25	39.7?	32.28	S	179.44	E	450	?	4.3	1.0	23	SOUTH OF KERMADEC ISLANDS
	31	10	26	21.9%	36.698	N	4.549	W	80	G		0.7	11	STRAIT OF GIBRALTAR
	31	10	32	11.6*	31.508	S	69.517	W	128	?		1.2	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	31	10	57	32.0%	28.318	S	67.372	W	140	G		0.3	8	LA RIOJA PROVINCE, ARGENTINA
	31	11	10	15.7?	39.11	N	27.66	E	10	G		0.2	4	TURKEY. MD 2.7 (ISK).
	31	12	02	02.3%	26.400	S	27.378	E	5	G		0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	31	13	12	36.3%	38.615	N	26.925	E	10	G		1.5	5	AEGEAN SEA. MD 3.0 (ISK).
	31	14	19	51.6?	44.51	N	7.31	E	5	G		0.1	4	NORTHERN ITALY. ML 1.9 (GEN).
	31	15	33	41.1%	38.176	N	30.106	E	10	G		0.9	6	TURKEY. MD 3.3 (ISK).
	31	16	17	28.4*	33.581	S	177.913	W	33	N	4.6	1.3	23	SOUTH OF KERMADEC ISLANDS
	31	16	37	40.3	46.070	N	10.795	E	10	G		0.7	9	NORTHERN ITALY. ML 3.0 (VIE).
	31	16	42	18.0?	45.73	N	11.06	E	10	G		0.9	8	NORTHERN ITALY. ML 3.0 (VIE).
	31	16	50	36.5%	37.110	N	28.009	E	5	G		0.3	5	TURKEY. MD 3.2 (ISK).
	31	17	02	23.1	84.041	N	0.914	W	10	G	4.6 4.3	1.1	63	NORTH OF SVALBARD
	31	17	39	45.3?	35.50	N	24.61	E	10	G		0.4	4	CRETE. MD 3.3 (ATH).
	31	17	46	18.5	0.485	N	119.591	E	33	N	4.8 4.6	0.9	87	MINAHASSA PENINSULA, SULAWESI
	31	18	45	41.0?	47.60	N	3.13	W	10	G		1.1	17	FRANCE. ML 3.3 (LDG), 3.1 (STR).
	31	19	06	18.1&	59.892	N	151.536	W	43				72	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
a	31	19	21	24.9	44.531	N	149.372	E	18	*	5.6 5.4	1.0	392	KURIL ISLANDS. Mw 5.6 (HRV). Ms 5.0 (BRK). Mo=3.1*10**17 Nm (PPT). Felt (III) at Kurilsk.
	31	19	28	44.6*	1.270	S	100.703	E	118	*	4.2	1.1	25	SOUTHERN SUMATERA, INDONESIA
a	31	20	30	42.3	44.468	N	149.370	E	21	G	5.9 6.0	0.9	465	KURIL ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Me 5.9 (GS). Mo=4.4*10**18 Nm (OBN), 1.2*10**18 Nm (PPT). Felt (III) at Burevestnik and Kurilsk, Iturup. Also felt (III) in the southern part of Urup. Depth from broadband

												displacement seismograms.
31	20	36	03.6*	44.312	N	149.377	E	30	D	5.0	1.2	65 KURIL ISLANDS
31	20	36	21.2%	39.882	N	24.036	E	5	G		0.4	5 AEGEAN SEA. ML 2.5 (THE).
31	20	43	34.0	31.861	N	50.393	E	65	*	4.6	0.9	24 NORTHERN IRAN
31	21	12	47.5	4.570	S	12.159	W	10	G	4.8	1.0	36 NORTH OF ASCENSION ISLAND
31	21	20	49.5?	40.69	N	30.13	E	5	G		0.4	5 TURKEY
31	21	33	47.2	44.466	N	149.387	E	51	D	4.5	0.9	88 KURIL ISLANDS
31	22	05	33.9?	4.65	S	153.27	E	92	?	4.4	0.6	6 NEW IRELAND REGION, P.N.G.
31	22	59	02.0*	23.446	S	69.725	W	112	*	4.5	1.2	21 NORTHERN CHILE
31	22	59	56.2	35.919	N	114.679	W	5	G		0.6	15 CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (GS). Felt at Hoover Dam.
31	23	35	26.8	43.627	N	6.269	E	10	G		0.5	7 NEAR SOUTH COAST OF FRANCE. ML 1.7 (LDG), 1.2 (STR).

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 01 34 16.00 20.391S 174.234W 33km
5.5mb (74 obs.) 5.7Msz (55 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 80C
Centroid Location:
Origin Time 01:34:21.5 0.1
Lat 20.61S 0.02 Lon 173.71W 0.02
Dep 15.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	11.43	70	280
N	1.64	3	17
P	-13.07	20	108

Best Double Couple:Mo=1.2*10**18
NP1:Strike=203 Dip=25 Slip= 96
NP2: 16 65 87

01 08 05 10.83 0.729N 119.931E 24km
6.3mb (95 obs.) 7.6Msz (40 obs.)
MINAHASSA PENINSULA, SULAWESI
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=280 Dip=90 Slip= 105
NP2: 10 15 0
Principal Axes:

	Plg=	Azm=
T	43	205
P	43	355

RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 2.8±0.5*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 27
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	5.15	50	159
N	-0.08	10	57
P	-5.07	38	319

Best Double Couple:Mo=5.1*10**20
NP1:Strike=360 Dip=12 Slip= 32
NP2: 238 84 100
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 47S,121C M.W.: 44S,110C
Centroid Location:
Origin Time 08:05:23.1 0.1
Lat 0.74N 0.01 Lon 119.93E 0.01
Dep 15.0 FIX Half-duration 22.6
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	7.74	50	166
N	0.09	4	71
P	-7.83	40	338

Best Double Couple:Mo=7.8*10**20
NP1:Strike= 36 Dip= 6 Slip= 54
NP2: 252 85 94

01 22 41 58.21 0.692N 119.912E 33km
5.1mb (31 obs.) 4.6Msz (11 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 19C
Centroid Location:
Origin Time 22:42: 1.7 1.0
Lat 1.09N 0.10 Lon 119.53E 0.10
Dep 33.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.94	25	123
N	-0.39	65	303
P	-1.55	0	33

Best Double Couple:Mo=1.8*10**17
NP1:Strike=165 Dip=72 Slip= 161
NP2: 261 72 19

02 02 06 33.32 53.879N 159.321E 33km
4.7mb (60 obs.) 5.0Msz (7 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 27C
Centroid Location:
Origin Time 02:06:31.4 1.6
Lat 53.74N 0.12 Lon 159.85E 0.19
Dep 30.5 6.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.49	7	309
N	-1.04	15	217
P	-6.45	73	64

Best Double Couple:Mo=7.0*10**16
NP1:Strike= 56 Dip=40 Slip= -66
NP2: 206 54 -109

02 09 04 09.95 54.063N 159.360E 33km
5.0mb (86 obs.) 4.9Msz (11 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 20S, 28C
Centroid Location:
Origin Time 09:04:10.1 0.9
Lat 53.85N 0.07 Lon 159.45E 0.11
Dep 32.5 4.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.36	14	301
N	-1.55	11	209
P	-7.81	72	83

Best Double Couple:Mo=8.6*10**16
NP1:Strike= 46 Dip=32 Slip= -69
NP2: 202 60 -103

02 18 09 16.23 9.258N 126.289E 68km
5.4mb (74 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 22C
Centroid Location:
Origin Time 18:09:14.5 0.6
Lat 9.21N 0.07 Lon 126.53E 0.05
Dep 60.1 8.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.08	60	342
N	-0.93	30	166
P	-6.15	2	75

Best Double Couple:Mo=6.6*10**16
NP1:Strike=138 Dip=50 Slip= 50
NP2: 11 54 128

03 08 42 25.75 38.994N 48.720E 56km
4.9mb (86 obs.)
ARMENIA-AZERBAIJAN-IRAN BORD REG
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 6S, 8C
Centroid Location:
Origin Time 08:42:27.1 1.3
Lat 39.03N FIX;Lon 48.72E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.96	49	312
N	-1.02	3	46
P	-11.94	40	139

Best Double Couple:Mo=1.2*10**17
NP1:Strike=261 Dip= 6 Slip= 125
NP2: 46 86 87

03 11 23 42.63 0.633N 119.896E 33km
5.3mb (61 obs.) 5.0Msz (21 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 53C
Centroid Location:
Origin Time 11:23:43.7 0.4
Lat 0.66N 0.04 Lon 119.88E 0.04
Dep 26.7 3.8 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.96	18	276
N	-0.03	56	157
P	-1.93	28	15

Best Double Couple:Mo=2.0*10**17
NP1:Strike= 53 Dip=57 Slip= -8
NP2: 147 83 -147

03 17 13 54.32 1.993S 128.345E 33km
5.3mb (58 obs.) 4.6Msz (8 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 22C
Centroid Location:
Origin Time 17:13:57.1 0.4
Lat 1.73S 0.06 Lon 128.51E 0.04
Dep 32.5 4.3 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.14	63	27
N	0.51	20	163
P	-1.65	17	259

Best Double Couple:Mo=1.4*10**17
NP1:Strike= 17 Dip=33 Slip= 129
NP2: 153 65 68

04 15 54 14.65 0.307S 124.469E 74km
5.1mb (42 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 15:54:20.9 1.1
Lat 0.08N 0.11 Lon 125.00E 0.11
Dep 40.1 8.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.98	72	319
N	-0.66	6	212
P	-4.32	17	120

Best Double Couple:Mo=4.7*10**16
NP1:Strike=202 Dip=28 Slip= 78
NP2: 35 62 96

04 19 43 10.46 52.454N 170.676W 33km
4.9mb (91 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 19:43:12.2 1.1
Lat 52.18N 0.11 Lon 170.53W 0.16
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.35	66	355
N	-0.30	6	252
P	-6.06	23	159

Best Double Couple:Mo=6.2*10**16
NP1:Strike=237 Dip=22 Slip= 75
NP2: 74 68 96

04 19 50 21.79 44.450N 149.294E 33km
5.2mb (109 obs.) 4.9Msz (17 obs.)
KURIL ISLANDS

CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 36C
Centroid Location:
Origin Time 19:50:25.6 0.6
Lat 44.45N 0.06 Lon 149.91E 0.09
Dep 36.2 4.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.83	64	234
N	-1.08	24	28
P	-6.75	10	123

Best Double Couple:Mo=7.3*10**16
NP1:Strike=239 Dip=40 Slip= 129
NP2: 13 60 62

06 10 43 16.20 27.198N 130.013E 33km
5.0mb (56 obs.) 5.0Msz (9 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 10:43:16.8 0.7
Lat 27.09N 0.14 Lon 130.23E 0.13
Dep 34.4 9.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.50	10	296
N	-1.04	42	198
P	-4.46	47	37

Best Double Couple:Mo=5.0*10**16
NP1:Strike= 64 Dip=51 Slip= -31
NP2: 175 67 -136

06 15 28 03.91 45.354N 151.018E 33km
5.5mb (132 obs.) 5.1Msz (36 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 73C
Centroid Location:
Origin Time 15:28: 8.8 0.2
Lat 45.51N 0.02 Lon 151.40E 0.03
Dep 34.7 1.6 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.73	73	305
N	0.28	1	38
P	-2.01	17	129

Best Double Couple:Mo=1.9*10**17
NP1:Strike=220 Dip=28 Slip= 92
NP2: 38 62 89

06 15 48 38.93 4.292S 152.204E 151km
5.1mb (51 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 9S, 13C
Centroid Location:
Origin Time 15:48:46.0 1.0
Lat 4.24S FIX;Lon 152.12E FIX
Dep 158.2 3.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.31	23	312
N	3.66	31	207
P	-9.98	50	72

Best Double Couple:Mo=8.1*10**16
NP1:Strike= 84 Dip=35 Slip= -28
NP2: 197 75 -122

07 02 09 48.53 53.974N 159.296E 33km
5.0mb (82 obs.) 5.0Msz (32 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 56C
Centroid Location:
Origin Time 02:09:50.1 0.4
Lat 53.99N 0.04 Lon 159.25E 0.07
Dep 30.3 3.0 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.33	10	123
N	-1.63	4	214
P	-9.70	79	325

Best Double Couple:Mo=1.1*10**17
NP1:Strike=208 Dip=35 Slip= -97
NP2: 37 55 -85

07 03 42 46.78 24.197S 178.844W 390km
5.0mb (59 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 71C
Centroid Location:
Origin Time 03:42:53.5 0.2
Lat 23.95S 0.02 Lon 178.89W 0.02
Dep 400.4 1.0 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.69	39	87
N	0.40	3	179
P	-4.09	51	273

Best Double Couple:Mo=3.9*10**17
NP1:Strike=152 Dip= 6 Slip=-117
NP2: 0 84 -87

07 08 00 29.95 10.653S 161.260E 33km
5.1mb (58 obs.) 5.0Msz (28 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 19C
Centroid Location:
Origin Time 08:00:30.4 0.5
Lat 10.55S 0.12 Lon 161.35E 0.08
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.31	61	69
N	0.13	2	336
P	-1.44	29	245

Best Double Couple:Mo=1.4*10**17
NP1:Strike=330 Dip=16 Slip= 84
NP2: 157 74 92

07 13 14 30.42 6.921S 155.843E 43km
5.6mb (78 obs.) 5.3Msz (38 obs.)
SOLOMON ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=320 Dip=45 Slip= 60
NP2: 179 52 117
Principal Axes:

		Plg=	Azm=
T		69	151
P		4	251

MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 19
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.97	85	170
N	-0.04	4	309
P	-2.93	3	39

Best Double Couple:Mo=2.9*10**17
NP1:Strike=133 Dip=42 Slip= 95
NP2: 305 48 85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 47S, 76C
Centroid Location:
Origin Time 13:14:36.2 0.2
Lat 6.94S 0.02 Lon 155.86E 0.02
Dep 54.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.78	86	187
N	-0.15	2	305
P	-2.64	3	35

Best Double Couple:Mo=2.7*10**17
NP1:Strike=126 Dip=42 Slip= 92
NP2: 303 48 88

07 15 43 06.63 2.863S 67.866E 10km
5.3mb (51 obs.) 5.1Msz (14 obs.)
CARLSBERG RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 25S, 40C
Centroid Location:
Origin Time 15:43:12.3 0.5
Lat 2.80S 0.06 Lon 67.98E 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.05	0	229
N	-0.04	0	139
P	-1.01	90	180

Best Double Couple:Mo=1.0*10**17
NP1:Strike=319 Dip=45 Slip= -90
NP2: 139 45 -90

08 10 04 47.89 53.304N 142.738E 8km
5.6mb (157 obs.) 5.3Msz (36 obs.)
SAKHALIN ISLAND
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 38
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.01	80	178
N	0.09	10	346
P	-3.10	2	77

Best Double Couple:Mo=3.1*10**17
NP1:Strike=177 Dip=44 Slip= 105
NP2: 337 48 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 68C
Centroid Location:
Origin Time 10:04:54.4 0.3
Lat 53.31N 0.04 Lon 142.57E 0.05
Dep 15.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.53	58	157
N	-1.07	31	345
P	-2.46	3	253

Best Double Couple:Mo=3.0*10**17
NP1:Strike=314 Dip=50 Slip= 47
NP2: 189 56 129

08 13 59 45.83 45.381N 150.191E 33k
5.3mb (138 obs.) 5.0Msz (35 obs.
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 63C
Centroid Location:
Origin Time 13:59:51.3 0.3
Lat 45.38N 0.03 Lon 150.46E 0.04
Dep 50.2 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.95	70	258
N	-0.13	13	26
P	-1.82	16	119

Best Double Couple:Mo=1.9*10**17
NP1:Strike=227 Dip=31 Slip= 115
NP2: 19 62 76

08 16 55 07.65 0.988N 120.202E 33km
5.2mb (51 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 23C
Centroid Location:
Origin Time 16:55:13.6 0.6
Lat 1.39N 0.07 Lon 120.37E 0.12
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.08	60	186
N	-1.19	11	295
P	-9.88	28	31

Best Double Couple:Mo=1.0*10**17
NP1:Strike=148 Dip=20 Slip= 124
NP2: 292 74 79

09 06 27 54.42 43.697N 85.647E 33km
5.2mb (114 obs.) 5.2Msz (32 obs.)
NORTHERN XINJIANG, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 52C
Centroid Location:
Origin Time 06:27:59.3 0.4
Lat 44.01N 0.04 Lon 85.47E 0.05
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.54	63	150
N	-0.38	11	262
P	-1.16	24	356

Best Double Couple:Mo=1.4*10**17
NP1:Strike=108 Dip=23 Slip= 118
NP2: 258 70 79

09 15 24 41.28 22.619S 171.068E 56km
5.1mb (28 obs.) 5.1Msz (7 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 24C
Centroid Location:
Origin Time 15:24:43.7 0.6
Lat 22.35S 0.09 Lon 171.11E 0.07

Dep 33.2 5.6 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.33 Plg=51 Azm=338
N 0.02 3 245
P -1.35 39 153
Best Double Couple:Mo=1.3*10**17
NP1:Strike=222 Dip= 7 Slip= 67
NP2: 65 84 93

10 22 36 03.27 6.129S 133.564E 38km
5.9mb (89 obs.) 5.5Msz (50 obs.)
ARU ISLANDS REGION, INDONESIA
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 17
Principal Axes:
Scale 10**17 Nm
T Val= 6.81 Plg=15 Azm=325
N -0.18 22 228
P -6.63 62 86
Best Double Couple:Mo=6.7*10**17
NP1:Strike= 83 Dip=36 Slip= -49
NP2: 217 64 -115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,120C
Centroid Location:
Origin Time 22:36: 8.4 0.1
Lat 6.01S 0.02 Lon 133.62E 0.02
Dep 51.4 1.3 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 8.45 Plg=10 Azm=330
N -0.89 40 231
P -7.56 48 71
Best Double Couple:Mo=8.0*10**17
NP1:Strike= 97 Dip=49 Slip= -32
NP2: 210 66 -134

11 03 51 34.40 8.428S 158.693E 93km
5.5mb (84 obs.)
SOLOMON ISLANDS
MOMENT TENSOR SOLUTION
Dep 92 No. of sta: 18
Principal Axes:
Scale 10**17 Nm
T Val= 5.94 Plg=58 Azm=175
N 0.19 12 285
P -6.12 29 22
Best Double Couple:Mo=6.0*10**17
NP1:Strike=144 Dip=19 Slip= 130
NP2: 282 75 77
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,113C
Centroid Location:
Origin Time 03:51:38.6 0.1
Lat 8.34S 0.02 Lon 158.81E 0.01
Dep 90.5 1.4 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 6.66 Plg=52 Azm=154
N 0.41 23 277
P -7.07 28 20
Best Double Couple:Mo=6.9*10**17
NP1:Strike=154 Dip=27 Slip= 149
NP2: 271 77 67

11 05 43 22.41 2.285N 128.796E 34km
5.2mb (47 obs.) 4.8Msz (15 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 25C
Centroid Location:
Origin Time 05:43:27.7 0.6
Lat 2.46N 0.07 Lon 128.97E 0.06
Dep 42.6 4.4 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.30 Plg=71 Azm=314
N 0.22 11 188
P -1.52 15 95
Best Double Couple:Mo=1.4*10**17
NP1:Strike=169 Dip=32 Slip= 68
NP2: 14 61 103

11 07 19 12.77 45.072N 150.040E 33km
5.4mb (128 obs.) 4.7Msz (15 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 20C
Centroid Location:
Origin Time 07:19: 9.7 1.9
Lat 44.59N 0.11 Lon 150.69E 0.17
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.77 Plg=62 Azm=258
N -2.00 11 9
P -7.77 26 104
Best Double Couple:Mo=8.8*10**16
NP1:Strike=218 Dip=22 Slip= 121
NP2: 5 72 79

11 19 45 01.39 0.460N 119.580E 38km
5.2mb (79 obs.) 5.2Msz (42 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 40S, 70C
Centroid Location:
Origin Time 19:45: 7.5 0.2
Lat 0.82N 0.02 Lon 119.71E 0.04
Dep 43.4 2.3 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.27 Plg=26 Azm=103
N -0.21 56 241
P -3.06 20 3
Best Double Couple:Mo=3.2*10**17
NP1:Strike=142 Dip=57 Slip= 175
NP2: 235 86 34

12 02 17 31.34 23.261S 170.797E 15km
5.8mb (83 obs.) 5.5Msz (36 obs.)
LOYALTY ISLANDS REGION
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=110 Dip=55 Slip= -50
NP2: 234 51 -133
Principal Axes:
T Plg= 2 Azm=173
P 58 79
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 2.0±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 10
Principal Axes:
Scale 10**17 Nm
T Val= 8.01 Plg= 1 Azm=186
N -1.15 67 95
P -6.86 23 277
Best Double Couple:Mo=7.4*10**17
NP1:Strike=319 Dip=73 Slip= -16
NP2: 54 75 -163
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S,112C
Centroid Location:
Origin Time 02:17:38.3 0.1
Lat 23.31S 0.01 Lon 170.66E 0.02
Dep 24.7 1.5 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.49 Plg= 3 Azm=194
N -1.07 70 97
P -6.42 19 285
Best Double Couple:Mo=6.9*10**17
NP1:Strike=328 Dip=75 Slip= -12
NP2: 62 78 -164

12 04 41 34.21 48.286N 152.996E 119km
5.3mb (112 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 33S, 51C
Centroid Location:
Origin Time 04:41:39.0 0.5
Lat 48.31N 0.05 Lon 153.22E 0.06
Dep 124.1 2.1 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.55 Plg=40 Azm=115
N -0.02 4 208
P -1.53 49 303
Best Double Couple:Mo=1.5*10**17
NP1:Strike=167 Dip= 6 Slip=-132
NP2: 29 86 -86

12 19 38 20.84 5.815S 130.215E 33km
5.5mb (66 obs.) 5.4Msz (40 obs.)
BANDA SEA
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 7.73 Plg= 1 Azm=286
N 0.14 85 27
P -7.87 5 196
Best Double Couple:Mo=7.8*10**17
NP1:Strike=331 Dip=86 Slip=-177
NP2: 241 87 -4
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S,101C
Centroid Location:
Origin Time 19:38:23.6 0.2
Lat 5.78S 0.02 Lon 130.34E 0.02
Dep 30.6 2.0 Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 9.06 Plg=15 Azm=293
N -1.59 72 150
P -7.47 11 26
Best Double Couple:Mo=8.3*10**17
NP1:Strike= 70 Dip=72 Slip= 3
NP2: 339 87 162

13 00 07 23.94 19.542S 168.892E 33km
5.0mb (26 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 44C
Centroid Location:
Origin Time 00:07:31.2 0.2
Lat 19.48S 0.04 Lon 168.51E 0.03
Dep 47.0 2.5 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 0.99 Plg=87 Azm= 32
N 0.21 2 167
P -1.21 2 258
Best Double Couple:Mo=1.1*10**17
NP1:Strike=350 Dip=43 Slip= 93
NP2: 166 47 87

13 05 26 32.28 51.092N 157.766E 52km
5.1mb (115 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 13C
Centroid Location:
Origin Time 05:26:36.6 1.1
Lat 51.06N FIX;Lon 157.80E FIX
Dep 65.513.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.79 Plg=67 Azm= 90
N -1.13 18 230
P -2.67 14 325
Best Double Couple:Mo=3.2*10**16
NP1:Strike= 79 Dip=35 Slip= 124
NP2: 220 61 69

13 12 05 46.73 53.856N 159.212E 33km
4.9mb (82 obs.) 4.8Msz (38 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 59C
Centroid Location:
Origin Time 12:05:47.7 0.4
Lat 53.77N 0.04 Lon 159.22E 0.07
Dep 25.9 2.6 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.31 Plg=10 Azm=133
N -0.02 13 40
P -1.29 73 260
Best Double Couple:Mo=1.3*10**17
NP1:Strike=239 Dip=37 Slip= -67
NP2: 31 57 -106

14 13 24 07.15 26.929S 177.493W 112km
5.1mb (73 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S,107C
Centroid Location:
Origin Time 13:24:10.5 0.2
Lat 26.82S 0.02 Lon 177.26W 0.02
Dep 125.0 0.8 Half-duration 1.7
Principal Axes:

Scale 10**17 Nm
T Val= 3.97 Plg=54 Azm=227
N -0.73 29 86
P -3.24 19 345
Best Double Couple:Mo=3.6*10**17
NP1:Strike= 37 Dip=37 Slip= 35
NP2: 278 70 121

16 05 15 29.54 18.882S 177.320W 356km
5.4mb (94 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 55C
Centroid Location:
Origin Time 05:15:33.1 0.2
Lat 18.67S 0.03 Lon 177.15W 0.03
Dep 361.6 1.5 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.58 Plg=20 Azm=249
N -0.24 53 130
P -3.35 30 351
Best Double Couple:Mo=3.5*10**17
NP1:Strike= 27 Dip=54 Slip= -8
NP2: 122 84 -144

17 10 06 46.71 4.399S 140.068E 109km
5.7mb (90 obs.) 5.5Msz (48 obs.)
IRIAN JAYA, INDONESIA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=300 Dip=80 Slip= 120
NP2: 47 31 19
Principal Axes:
T Plg=47 Azm=241
P 29 6
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 6.3±1.8*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 97 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 1.43 Plg=49 Azm=232
N 0.04 33 93
P -1.47 21 349
Best Double Couple:Mo=1.4*10**18
NP1:Strike= 37 Dip=38 Slip= 27
NP2: 284 74 125
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 91C M.W.: 31S, 40C
Centroid Location:
Origin Time 10:06:51.6 0.1
Lat 4.23S 0.01 Lon 139.98E 0.01
Dep 96.6 0.7 Half-duration 2.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.40 Plg=51 Azm=235
N 0.29 31 98
P -1.68 22 354
Best Double Couple:Mo=1.5*10**18
NP1:Strike= 42 Dip=36 Slip= 29
NP2: 288 73 122

18 03 06 47.48 22.452S 171.219E 64km
5.3mb (57 obs.) 5.2Msz (44 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 48C
Centroid Location:
Origin Time 03:06:52.0 0.2
Lat 22.38S 0.03 Lon 170.88E 0.02
Dep 54.9 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.23 Plg=61 Azm=352
N 0.44 27 147
P -2.67 11 242
Best Double Couple:Mo=2.5*10**17
NP1:Strike= 1 Dip=41 Slip= 133
NP2: 130 61 59

18 09 33 51.24 41 814N 77.499E 33km
5.2mb (126 obs.) 4.6Msz (22 obs.)
KYRGYZSTAN-XINJIANG BORDER REG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 12C
Centroid Location:
Origin Time 09:33:57.0 0.9
Lat 42.10N 0.11 Lon 77.98E 0.17
Dep 20.4 4.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.00 Plg=72 Azm= 90
N -2.22 11 217
P -6.78 14 310
Best Double Couple:Mo=7.9*10**16
NP1:Strike= 55 Dip=32 Slip= 111
NP2: 210 60 77

18 20 02 05.47 58.277S 157.885E 10km
5.2mb (19 obs.) 4.9Msz (2 obs.)
MACQUARIE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 34C
Centroid Location:
Origin Time 20:02:13.1 0.3
Lat 58.13S 0.05 Lon 157.83E 0.09
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.94 Plg=73 Azm= 67
N 0.13 2 329
P -2.08 17 238
Best Double Couple:Mo=2.0*10**17
NP1:Strike=325 Dip=28 Slip= 85
NP2: 150 62 93

19 19 01 58.51 10.359S 78.748W 34km
5.6mb (84 obs.) 5.1Msz (36 obs.)
NEAR COAST OF PERU
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 27
Principal Axes:
Scale 10**17 Nm
T Val= 3.27 Plg=64 Azm=231
N 0.07 5 332
P -3.34 25 65
Best Double Couple:Mo=3.3*10**17
NP1:Strike=167 Dip=20 Slip= 106
NP2: 330 70 84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 45S, 78C
Centroid Location:
Origin Time 19:02: 2.6 0.2
Lat 10.29S 0.02 Lon 78.96W 0.02
Dep 59.3 1.6 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.31 Plg=67 Azm=222
N -0.18 8 331
P -3.13 22 64
Best Double Couple:Mo=3.2*10**17
NP1:Strike=168 Dip=24 Slip= 109
NP2: 328 67 82

20 03 54 08.92 26.867S 177.220W 52km
5.3mb (55 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 20C
Centroid Location:
Origin Time 03:54:13.6 0.7
Lat 26.65S 0.08 Lon 176.84W 0.06
Dep 67.4 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.19 Plg=72 Azm=270
N -0.06 4 167
P -6.13 18 76
Best Double Couple:Mo=6.2*10**16
NP1:Strike=159 Dip=28 Slip= 81
NP2: 349 63 95

22 00 10 25.99 44.556N 148.097E 47km
5.3mb (125 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 21C
Centroid Location:
Origin Time 00:10:34.1 0.8
Lat 44.56N FIX;Lon 148.07E FIX
Dep 63.3 6.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.29 Plg=70 Azm=227
N 1.07 19 28
P -5.36 6 120
Best Double Couple:Mo=4.8*10**16
NP1:Strike=231 Dip=43 Slip= 119
NP2: 13 54 66

22 08 59 54.38 2.979S 141.650E 35km
5.9mb (86 obs.) 5.2Msz (44 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 80 Dip=60 Slip=-160
NP2: 340 73 -32
Principal Axes:
T Plg= 8 Azm= 32
P 34 296
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 2.5±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 19
Principal Axes:
Scale 10**17 Nm
T Val= 1.99 Plg=17 Azm=257
N 0.02 42 152
P -2.01 43 3
Best Double Couple:Mo=2.0*10**17
NP1:Strike= 30 Dip=47 Slip= -23
NP2: 136 73 -134
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 59C
Centroid Location:
Origin Time 08:59:59.4 0.2
Lat 2.72S 0.02 Lon 141.75E 0.02
Dep 36.6 2.0 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.53 Plg=16 Azm=245
N -0.21 41 141
P -2.31 45 352
Best Double Couple:Mo=2.4*10**17
NP1:Strike= 17 Dip=46 Slip= -25
NP2: 125 72 -133

22 13 14 59.89 40.094N 142.323E 63km
5.1mb (112 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 47C
Centroid Location:
Origin Time 13:15: 3.6 0.5
Lat 40.15N 0.05 Lon 142.52E 0.05
Dep 55.1 2.7 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.13 Plg=68 Azm=303
N 0.56 5 201
P -1.70 21 109
Best Double Couple:Mo=1.4*10**17
NP1:Strike=190 Dip=24 Slip= 78
NP2: 23 66 95

22 23 19 57.45 60.614S 25.901W 10km
5.8mb (33 obs.) 6.0Msz (55 obs.)
SOUTH SANDWICH ISLANDS REGION
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=110 Dip=40 Slip= -30
NP2: 224 71 -126
Principal Axes:
T Plg=18 Azm=340
P 50 93
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 1.8±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 10
Principal Axes:
Scale 10**18 Nm
T Val= 2.19 Plg=25 Azm=354
N -0.03 32 248
P -2.15 48 115
Best Double Couple:Mo=2.2*10**18
NP1:Strike=130 Dip=35 Slip= -24
NP2: 240 77 -123
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S,114C M.W.: 45S, 83C
Centroid Location:
Origin Time 23:20: 3.2 0.1
Lat 61.15S 0.01 Lon 25.33W 0.02
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**18 Nm
T Val= 2.52 Plg= 9 Azm=347
N -0.83 16 80

P -1.68 71 230
Best Double Couple:Mo=2.1*10**18
NP1:Strike= 59 Dip=39 Slip=-117
NP2: 271 56 -70

25 12 45 08.41 18.511N 102.129W 77km
5.3mb (99 obs.)
MICHOACAN, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 70C
Centroid Location:
Origin Time 12:45:15.0 0.2
Lat 18.42N 0.02 Lon 101.84W 0.03
Dep 59.0 1.7 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.48 Plg=12 Azm=174
N -0.55 10 82
P -1.94 74 315
Best Double Couple:Mo=2.2*10**17
NP1:Strike=276 Dip=34 Slip= -72
NP2: 76 58 -101

27 06 01 42.14 3.138S 127.344E 33km
5.2mb (53 obs.) 4.5Msz (6 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 34S, 52C
Centroid Location:
Origin Time 06:01:45.1 0.4
Lat 3.03S 0.03 Lon 127.43E 0.04
Dep 33.8 3.2 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.61 Plg=71 Azm=188
N 0.50 7 298
P -10.11 18 30
Best Double Couple:Mo=9.9*10**16
NP1:Strike=131 Dip=28 Slip= 105
NP2: 295 63 82

27 17 48 09.38 9.187N 126.416E 33km
5.6mb (100 obs.) 5.7Msz (66 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S,117C
Centroid Location:
Origin Time 17:48:13.9 0.1
Lat 9.06N 0.02 Lon 126.81E 0.02
Dep 19.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 10.78 Plg=69 Azm=276
N -0.41 1 183
P -10.37 21 92
Best Double Couple:Mo=1.1*10**18
NP1:Strike=180 Dip=24 Slip= 87
NP2: 3 66 91

28 00 28 30.73 1.971S 77.637W 155km
4.9mb (79 obs.)
ECUADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 28S, 34C
Centroid Location:
Origin Time 00:28:35.5 0.5
Lat 1.79S 0.05 Lon 77.71W 0.06
Dep 149.0 2.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 12.46 Plg=23 Azm= 39
N -2.66 11 305
P -9.80 65 191
Best Double Couple:Mo=1.1*10**17
NP1:Strike=149 Dip=24 Slip= -63
NP2: 300 68 -102

29 10 27 07.61 0.943S 15.916W 22km
5.0mb (46 obs.) 4.7Msz (3 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 10S, 11C
Centroid Location:
Origin Time 10:27:14.1 1.0
Lat 0.94S FIX;Lon 15.96W FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.25 Plg=18 Azm=260
N 1.04 18 356
P -5.30 64 129
Best Double Couple:Mo=4.8*10**16
NP1:Strike=324 Dip=32 Slip=-126
NP2: 185 65 -70

29 13 06 27.37 11.262N 125.381E 101km
5.4mb (87 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 25C
Centroid Location:
Origin Time 13:06:26.5 0.5
Lat 11.17N 0.06 Lon 125.87E 0.05
Dep 52.2 6.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.78 Plg=68 Azm=346
N -0.44 22 180
P -6.34 5 88
Best Double Couple:Mo=6.6*10**16
NP1:Strike=156 Dip=44 Slip= 58
NP2: 17 54 117

30 02 28 42.69 47.119N 151.902E 133km
5.4mb (118 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 20C
Centroid Location:
Origin Time 02:28:46.5 0.9
Lat 46.83N 0.08 Lon 152.27E 0.13
Dep 155.6 2.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 12.81 Plg=34 Azm= 12
N -0.35 46 239
P -12.46 25 120
Best Double Couple:Mo=1.3*10**17
NP1:Strike=159 Dip=46 Slip= 7
NP2: 64 85 136

30 13 59 29.40 57.009S 147.775E 10km
5.0mb (10 obs.) 5.3Msz (4 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 75C
Centroid Location:
Origin Time 13:59:32.6 0.2
Lat 57.37S 0.02 Lon 147.47E 0.05
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.84 Plg= 4 Azm= 31
N 0.60 70 289
P -4.44 19 123
Best Double Couple:Mo=4.1*10**17
NP1:Strike=165 Dip=73 Slip= -11
NP2: 259 80 -163

30 21 14 55.73 36.130N 135.350E 361km
4.9mb (104 obs.)
SEA OF JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 18C
Centroid Location:
Origin Time 21:14:57.4 0.6
Lat 36.07N 0.05 Lon 135.79E 0.11
Dep 351.9 3.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.09 Plg=13 Azm=193
N -0.35 19 288
P -6.74 67 70
Best Double Couple:Mo=6.9*10**16
NP1:Strike=260 Dip=36 Slip=-123
NP2: 119 61 -69

30 22 00 09.58 32.953S 178.253W 14km
5.6mb (38 obs.) 6.2Msz (58 obs.)
SOUTH OF KERMADEC ISLANDS
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 29
Principal Axes:
Scale 10**18 Nm
T Val= 1.39 Plg=50 Azm=282
N 0.15 6 19
P -1.54 40 113
Best Double Couple:Mo=1.5*10**18
NP1:Strike=245 Dip= 8 Slip= 137
NP2: 18 85 84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 88C M.W.: 30S, 37C
Centroid Location:
Origin Time 22:00:15.8 0.1
Lat 32.81S 0.02 Lon 177.77W 0.02
Dep 15.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.15 Plg=59 Azm=286
N 0.19 1 18
P -1.34 31 109
Best Double Couple:Mo=1.2*10**18
NP1:Strike=202 Dip=14 Slip= 94
NP2: 18 76 89

30 22 29 57.15 32.921S 178.298W 33km
5.6mb (42 obs.) 6.7Msz (45 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S,106C M.W.: 38S, 71C
Centroid Location:
Origin Time 22:30: 4.3 0.1
Lat 32.72S 0.01 Lon 177.71W 0.01
Dep 15.0 FIX Half-duration 3.6
Principal Axes:
Scale 10**18 Nm
T Val= 4.12 Plg=63 Azm=296
N 0.65 3 201
P -4.77 27 109
Best Double Couple:Mo=4.4*10**18
NP1:Strike=193 Dip=19 Slip= 82
NP2: 22 72 93

31 06 19 11.31 33.189S 178.453W 20km
4.9mb (11 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 06:19:18.1 0.9
Lat 32.42S 0.16 Lon 178.37W 0.16
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.30 Plg=50 Azm=302
N 0.14 8 202
P -1.43 39 106
Best Double Couple:Mo=1.4*10**17
NP1:Strike=149 Dip=10 Slip= 36
NP2: 23 84 98

31 19 21 24.97 44.531N 149.372E 18km
5.6mb (145 obs.) 5.4Msz (51 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 74C
Centroid Location:
Origin Time 19:21:31.5 0.3
Lat 44.56N 0.02 Lon 149.84E 0.04
Dep 39.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2.25 Plg=77 Azm=277
N 0.62 7 38
P -2.87 11 129
Best Double Couple:Mo=2.6*10**17
NP1:Strike=228 Dip=34 Slip= 102
NP2: 33 57 82

31 20 30 42.37 44.468N 149.370E 21km
5.9mb (174 obs.) 6.0Msz (67 obs.)
KURIL ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 20 Dip=45 Slip= 100
NP2: 186 46 80
Principal Axes:
T Plg=83 Azm= 16
P 0 283
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 1.5±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 23 No. of sta: 42
Principal Axes:
Scale 10**17 Nm
T Val= 10.84 Plg=54 Azm=281

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  N       -2.50      22       45
  P       -8.33      27      147
Best Double Couple:Mo=9.6*10**17
 NP1:Strike=278 Dip=27 Slip= 146
 NP2:        39      75       67
CENTROID, MOMENT TENSOR    (HRV)
Data Used: GSN
L.P.B.: 40S, 91C
Centroid Location:
Origin Time       20:30:48.4 0.2
Lat 44.51N 0.02 Lon 149.72E 0.03
Dep  27.3 1.2 Half-duration  2.5
Principal Axes:
  Scale 10**17 Nm
  T  Val= 12.06  Plg=66  Azm=294
  N       0.95        6       37
  P     -13.01       23      129
Best Double Couple:Mo=1.3*10**18
 NP1:Strike=231 Dip=22 Slip= 105
 NP2:        34     68        84
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Compiled by Francis W. Baldwin, Pamela J. Benfield, Don L. Blakeman, Pingsheng Chang, George L. Choy, Stuart K. Koyanagi, Christina K. LaVonne, John H. Minsch, Waverly J. Person, William H. Schmieder, Stuart A. Sipkin, James N. Taggart and Madeleine D. Zirbes.

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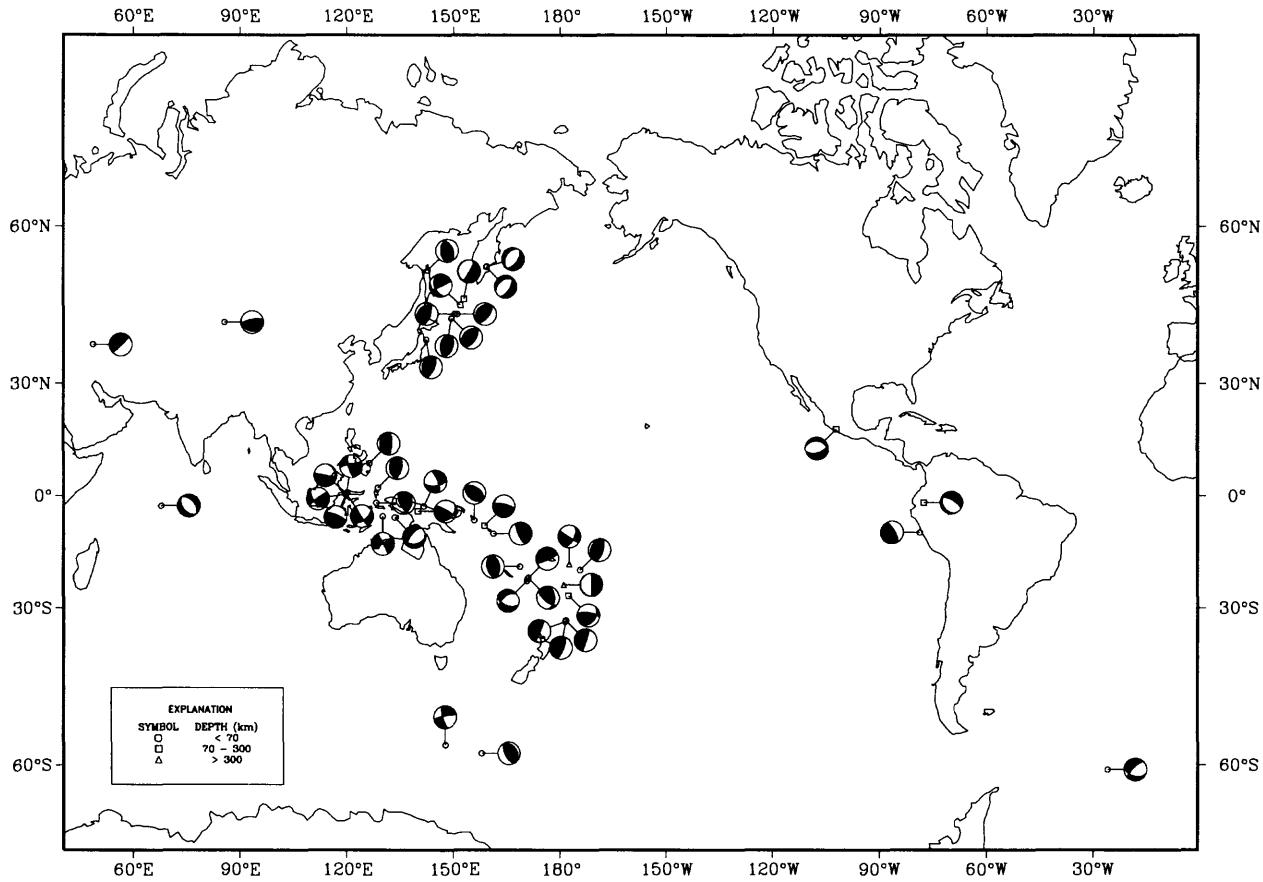
Beginning with the January 1996 issue, the Earthquake Data Report (EDR) will no longer be available in paper form due to rising production costs. However, it is currently available in "machine-readable" form via anonymous ftp to gldcs.cr.usgs.gov (subdirectory edr). UNIX-compressed versions for the entire month are named "mchedrYYMM.dat.Z", where YY is the last two digits of the year and MM is the two-digit month. An uncompressed version for the LATEST month will also be available. This will consist of several files named "ofedrMMn.dat", where MM is the two-letter month (e.g. JA, FE, MR, AP, etc.) and 'n' is a sequence number beginning with 1. The Station Data Report, formerly included in the EDR, is also available and is named "sdrMMYY.lis", where MM is the two-letter month.

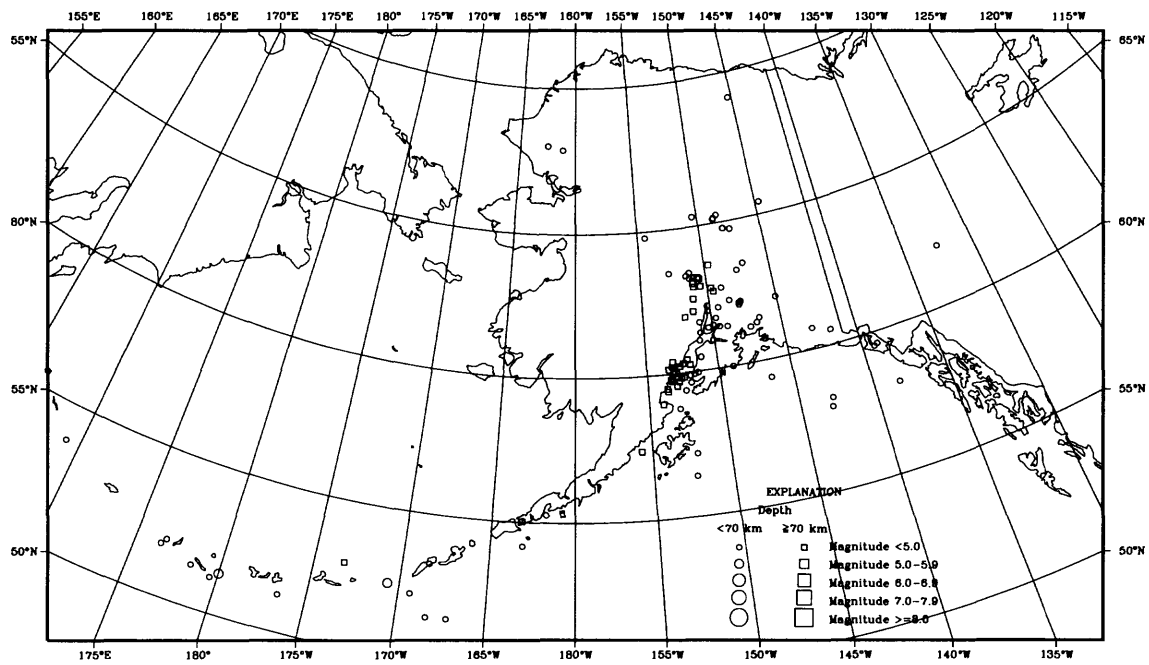
The USGS/NEIC is currently in the process of eliminating the present Preliminary Determination of Epicenters Monthly Listing and producing a final bulletin released approximately 8-10 weeks after event occurrence. Data contributors should begin making preparations to meet this new publication schedule.

* *

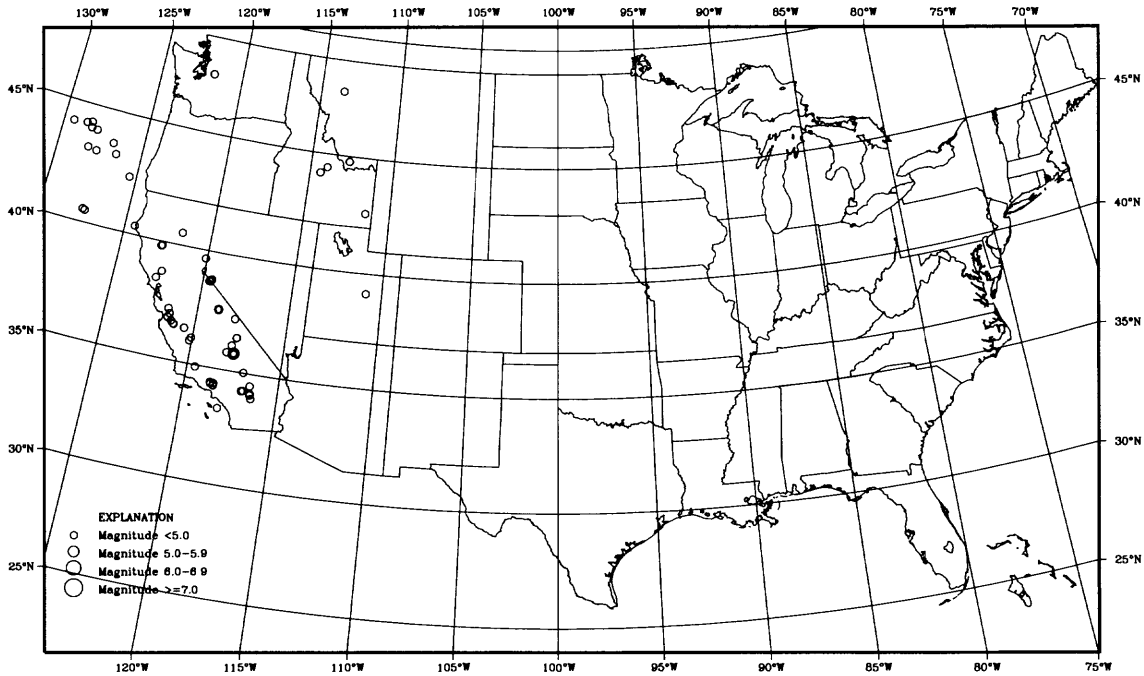
Earthquake Focal Mechanisms for January 1996



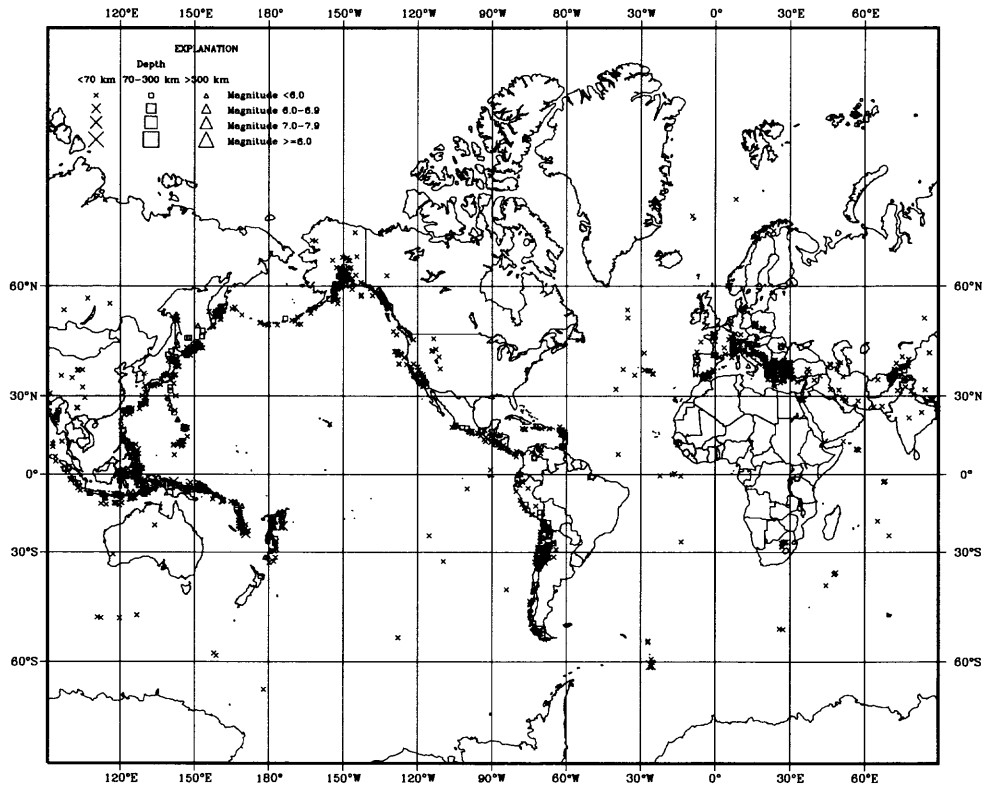
Earthquake epicenters in Alaska and adjacent regions for January, 1996



Earthquake epicenters in the conterminous United States and adjacent regions for January, 1996



Earthquakes located in January, 1996



SIGNIFICANT EARTHQUAKES OF THE WORLD, 1995

Earthquakes of magnitude 6.5 or greater or ones that caused fatalities, injuries or substantial damage.
BRK--Berkeley. PAS--Pasadena.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
JAN 01	06 59 55.9	40.701 N	143.549 E	15 G	5.8	6.2	1.1	377	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.5 (GS), 6.4 (HRV). Ms 5.9 (BRK). Mo=6.2*10**18 Nm (GS). Mo=5.3*10**18 Nm (HRV). Mo=3.4*10**18 Nm (PPT). Felt (II JMA) in the Hachinohe area.
JAN 06	22 37 34.3	40.246 N	142.175 E	27 G	6.7	6.9	0.9	611	NEAR EAST COAST OF HONSHU, JAPAN. Mw 6.9 (GS), 7.0 (HRV). Ms 6.6 (BRK). Mo=2.7*10**19 Nm (GS). Mo=3.3*10**19 Nm (HRV). Mo=5.0*10**19 Nm (PPT). Mo=1.0*10**20 Nm (OBN). At least 29 people injured in Aomori and Iwate Prefectures and about 5,000 homes lost water and sewer services in the region. Felt (V JMA) at Hachinohe and Morioka; (IV JMA) at Aomori, Miyako, Mutsu and Ofunato; (III JMA) at Akita and Sendai. Felt (V) at Misawa and as far south as Tokyo. Also felt (III JMA) at Kushiro, Obihiro, Otaru and Tomakomai, Hokkaido.
JAN 16	20 46 52.1	34.583 N	135.018 E	22 G	6.3	6.8	1.0	503	NEAR S. COAST OF WESTERN HONSHU. Mw 6.8 (GS), 6.9 (HRV). Ms 6.5 (BRK). Mo=1.8*10**19 Nm (GS). Mo=2.4*10**19 Nm (HRV). Mo=6.3*10**19 Nm (PPT). Five thousand five hundred two people confirmed killed, 36,896 injured and extensive damage (VII JMA) in the Kobe area and on Awaji-shima. Over 90 percent of the casualties occurred along the southern coast of Honshu between Kobe and Nishinomiya. At least 28 people were killed by a landslide at Nishinomiya. About 310,000 people were evacuated to temporary shelters. Over 200,000 buildings were damaged or destroyed. Numerous fires, gas and water main breaks and power outages occurred in the epicentral area. Felt (VII JMA) along a coastal strip extending from Suma Ward, Kobe to Nishinomiya and in the Ichinomiya area on Awaji-shima; (V JMA) at Hikone, Kyoto and Toyooka; (IV JMA) at Nara, Okayama, Osaka and Wakayama; (V) at Iwakuni. Also felt (IV JMA) at Takamatsu, Shikoku. Right-lateral surface faulting was observed for 9 kilometers with horizontal displacement of 1.2 to 1.5 meters in the northern part of Awaji-shima. Liquefaction also occurred in the epicentral area.
JAN 19	15 05 03.4	5.050 N	72.916 W	17 G	6.3	6.6	0.9	607	COLOMBIA. Mw 6.5 (GS), 6.5 (HRV). Ms 6.5 (BRK). Mo=6.9*10**18 Nm (GS). Mo=7.1*10**18 Nm (HRV). Mo=8.8*10**18 Nm (PPT). Five people killed, several injured and at least 20 major buildings damaged in the Bogota area. One person also killed at Manizales and another at Miraflores. More than 500 houses damaged or destroyed in Boyaca Department and 12 others destroyed in Casanare Department. Landslides blocked several rivers and streams in Colombia. Felt in much of Colombia and western Venezuela and as far as Caracas, Venezuela.
JAN 21	08 47 29.6	43.377 N	146.720 E	59 G	6.5	5.9	0.8	621	KURIL ISLANDS. Mw 6.2 (GS), 6.3 (HRV). mb 6.6 (BRK). Mo=2.6*10**18 Nm (GS). Mo=2.8*10**18 Nm (HRV). Mo=3.4*10**18 Nm (PPT), 2.0*10**19 Nm (OBN). Felt (VI) on Shikotan and at Yuzhno-Kurilsk, Kunashir. Felt (IV JMA) at Kushiro and (III JMA) at Nemuro, Hokkaido.
JAN 24	04 14 26.3	27.560 N	55.630 E	33 N	4.9		1.0	100	SOUTHERN IRAN. Mw 5.0 (HRV). MD 4.6 (RYD). Mo=3.1*10**16 Nm (HRV). Eleven people injured and some damage in the Bandar-e Abbas area.
JAN 27	20 16 52.1	4.434 S	134.476 E	22 G	6.2	6.8	1.2	196	IRIAN JAYA REGION, INDONESIA. Mw 6.7 (GS), 6.8 (HRV). Ms 6.7 (BRK). Mo=1.3*10**19 Nm (GS). Mo=1.8*10**19 Nm (HRV). Mo=5.3*10**19 Nm (PPT).
FEB 03	15 26 10.6	41.529 N	109.640 W	1 G	5.3	4.6	1.0	322	WYOMING. Probable implosion in a trona mine west of Green River. One miner killed and ten injured. Slight damage at Green River and Little America. Felt (V) at Rock Springs; (III) at Eden and Reliance. Also felt at Ogden and Salt Lake City, Utah. Up to one meter of surface subsidence occurred in about a 1 by 2 km area above the mine.
FEB 05	22 51 05.1	37.759 S	178.752 E	21 G	6.5	7.5	1.0	566	OFF E. COAST OF N. ISLAND, N.Z. Mw 7.0 (GS), 7.1 (HRV). Ms 7.5 (BRK). Mo=3.1*10**19 Nm (GS). Mo=5.8*10**19 Nm (HRV). Mo=4.0*10**19 Nm (PPT). Felt over much of the North Island and as far south as Christchurch on the South Island. Also felt on the Chatham Islands.
FEB 08	18 40 25.3	4.104 N	76.622 W	74 G	6.3		0.9	568	COLOMBIA. Mw 6.4 (GS), 6.4 (HRV). MD 6.0 (UPA). Mo=4.2*10**18 Nm (GS). Mo=4.1*10**18 Nm (HRV). Mo=3.5*10**18 Nm (PPT). Forty-two people killed, nearly 400 injured and over 2,000 buildings damaged or destroyed in the Cali-Pereira area. Landslides blocked two roads in the epicentral area. Damage occurred at Armenia, Calarca, Cali, La Union, Manizales, Pereira, Trujillo and in many other areas of western Colombia. Felt throughout Colombia.
FEB 10	01 45 03.9	37.855 S	178.602 E	28 G	5.8	6.4	1.2	223	OFF E. COAST OF N. ISLAND, N.Z. Mw 6.3 (GS), 6.5 (HRV). ML 6.3 (WEL). Mo=3.7*10**18 Nm (GS). Mo=6.1*10**18 Nm (HRV). Mo=1.1*10**19 Nm (PPT). Felt on much of the North Island including Auckland, Bay of Plenty, East Cape and Wellington.
FEB 13	15 04 24.0	1.318 S	127.438 E	14 G	6.3	6.7	1.2	348	HALMAHERA, INDONESIA. Mw 6.7 (GS), 6.7 (HRV). Ms 6.8 (BRK). Mo=1.1*10**19 Nm (GS). Mo=1.2*10**19 Nm (HRV). Mo=3.3*10**19 Nm (PPT). Felt (V) on Obi, (IV) at Labuha and (III) at Ternate.
FEB 19	04 03 16.1	40.556 N	125.539 W	10 G	6.0	6.8	1.1	527	OFF COAST OF NORTHERN CALIFORNIA. Mw 6.4 (GS), 6.0 (HRV). MD 6.6 (GM). Mo=7.8*10**18 Nm (BRK). Mo=5.1*10**18 Nm (GS). Mo=1.0*10**18 Nm (HRV). Mo=7.0*10**18 Nm (PPT). Felt (V) at Arcata, Crescent City, Honeydew, Kneeland, Redway and Samoa; (IV) at Alderpoint, Blue Lake, Carlotta, Elk, Fort Bragg, Fortuna, Garberville, Loleta, Miranda, Myers Flat, Petrolia, Piercy, Redcrest, Rio Dell, Westport, Whitethorn and Zenia. Felt in Butte, Del Norte, Humboldt, Mendocino, Shasta and Siskiyou Counties of northern California and as far south as the San Francisco Bay area. Also felt at Brookings, Oregon.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
FEB 23	05 19 01.9	24.137 N	121.614 E	41 D	5.9	6.2	1.0	438	TAIWAN. Mw 6.2 (HRV). Mo=2.5*10**18 Nm (HRV). Two people killed and 14 injured on a bus struck by a landslide in the epicentral region. Felt (IV JMA) at Hua-lien, Hsin-chu and Su-ao; (III JMA) at I-lan, Tai-chung and Tai-pei. Felt in Fujian, Jiangxi and Zhejiang Provinces, China.
FEB 23	21 03 01.3	35.046 N	32.279 E	10 G	5.8	5.7	1.0	492	CYPRUS REGION. Mw 5.9 (GS), 5.9 (HRV). Ms 5.8 (BRK). Mo=7.0*10**17 Nm (GS). Mo=8.1*10**17 Nm (HRV). Two people killed and five injured in the Paphos area. Fifty houses destroyed, 70 seriously damaged and 500 slightly damaged in the Paphos and Nicosia areas. Twenty masonry houses were destroyed at Arodhes. Felt (VII) at Arodhes, Peristerona and Polis; (VI) at Kathikas, Peyia and Stroumbi; (V) at Kykkou Monastery; (IV) at Larnaca, Limassol and Nicosia; (III) at Paralimni. Felt throughout Cyprus. Also felt in northern Israel and Lebanon.
MAR 04	23 23 40.6	1.282 N	77.307 W	5 G	4.4		1.2	49	COLOMBIA. At least eight people killed, ten injured and eight houses damaged in the Pasto area.
MAR 19	23 53 14.9	4.183 S	135.109 E	33 N	6.2	7.1	1.4	334	IRIAN JAYA REGION, INDONESIA. Mw 6.8 (GS), 6.9 (HRV). Ms 7.1 (BRK). Mo=2.1*10**19 Nm (GS). Mo=2.2*10**19 Nm (HRV). Mo=7.8*10**19 Nm (PPT). Some minor damage to buildings in the Ayam, Fakfak and Nabire areas. Felt in much of Irian Jaya.
APR 01	03 49 33.5	37.925 N	139.186 E	11 G	5.8	4.9	1.0	429	EASTERN HONSHU, JAPAN. Mw 5.3 (GS), 5.4 (HRV). Mo=1.1*10**17 Nm (GS). Mo=1.5*10**17 Nm (HRV). At least 39 people injured and 504 buildings damaged or destroyed in Niigata Prefecture, mostly in the Niigata area. Felt (IV JMA) at Niigata and on Sado; (III JMA) at Sakata and Shirakawa. Also felt at Tokyo and Yokohama.
APR 07	22 06 56.8	15.199 S	173.529 W	21 G	6.8	8.0	1.1	670	TONGA ISLANDS. Mw 7.4 (GS), 7.4 (HRV). Ms 8.1 (BRK). MD 7.1 (SVA). Mo=1.2*10**20 Nm (GS). Mo=1.3*10**20 Nm (HRV). Mo=1.1*10**20 Nm (PPT). Felt (V) at Apia, Western Samoa. Local tsunami generated with recorded maximum wave heights (peak-to-trough) of about 30 cm at Pago Pago, American Samoa and about 5 cm on Niue Island.
APR 08	17 45 12.9	21.833 N	142.691 E	267 G	6.4		0.9	385	MARIANA ISLANDS REGION. Mw 6.2 (GS), 6.2 (HRV). mb 6.7 (BRK). Mo=2.5*10**18 Nm (GS). Mo=2.5*10**18 Nm (HRV).
APR 14	00 32 56.1	30.285 N	103.347 W	18 G	5.6	5.7	1.0	397	WESTERN TEXAS. Mw 5.7 (GS), 5.7 (HRV). Mo=3.9*10**17 Nm (GS). Mo=3.8*10**17 Nm (HRV). Two people slightly injured in Brewster County. Slight damage (VI) at Alpine and Fort Davis. Also slight damage in the Marathon and Ozona areas. Felt (V) at Balmorhea, Barstow, Coyanosa, Fort Stockton, Imperial, Kermit, Marfa, Pecos, Presidio, Sanderson, Sheffield, Toyah, Wickett and Wink; (IV) at Big Spring, Cameron, Crane, Midland, Odessa, Pyote and Valentine. Also felt (V) at Jal and Malaga; (IV) at Artesia, Dexter and White City, New Mexico. Felt in much of western and central Texas as far east as San Antonio and the Dallas-Fort Worth area. Felt west as far as Sierra Blanca, Texas and north to Roswell, New Mexico.
APR 14	13 15 17.3	60.774 S	20.074 W	11 G	5.5	5.8	1.2	110	SOUTHWESTERN ATLANTIC OCEAN. Mw 6.5 (GS), 6.3 (HRV). Mo=6.0*10**18 Nm (GS). Mo=2.9*10**18 Nm (HRV). Mo= 5.7*10**18 Nm (PPT).
APR 17	23 28 06.8	45.928 N	151.283 E	23 G	6.1	6.4	1.0	651	KURIL ISLANDS. Mw 6.7 (GS), 6.8 (HRV). Ms 6.2 (BRK). Mo=1.1*10**19 Nm (GS). Mo=1.5*10**19 Nm (HRV). Mo=2.6*10**19 Nm (OBN), 1.4*10**19 Nm (PPT). Felt (VI) on Urup; (V) at Kurilsk, Iturup; (IV) on Simushir and Shikotan; (III) at Yuzhno-Kurilsk, Kunashir.
APR 20	08 45 11.6	6.279 N	126.777 E	94 G	6.2		1.1	510	MINDANAO, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.5 (HRV). Mo=9.0*10**18 Nm (GS). Mo=5.9*10**18 Nm (HRV). Mo=8.1*10**18 Nm (PPT).
APR 21	00 09 54.3	12.011 N	125.656 E	20 G	6.2	6.9	1.0	439	SAMAR, PHILIPPINE ISLANDS. Mw 6.7 (GS), 6.9 (HRV). Ms 6.9 (BRK). Mo=1.4*10**19 Nm (GS). Mo=2.3*10**19 Nm (HRV). Mo=2.9*10**19 Nm (PPT). Felt (IV RF) at Surigao, Mindanao and (III RF) at Catarman, Samar.
APR 21	00 30 10.8	11.925 N	125.564 E	17 G	6.3	7.2	1.0	443	SAMAR, PHILIPPINE ISLANDS. Mw 6.8 (HRV). Mo=2.0*10**19 Nm (HRV).
APR 21	00 34 46.0	12.059 N	125.580 E	21 G	6.3	7.3	1.2	201	SAMAR, PHILIPPINE ISLANDS. Mw 7.1 (GS), 7.2 (HRV). Mo=5.0*10**19 Nm (GS). Mo=6.6*10**19 Nm (HRV). Mo=1.2*10**20 Nm (PPT). Some damage occurred at Borongan and Sulat. Felt (IV RF) at Butuan, Mindanao; (III RF) on Masbate; (II RF) on Cebu and at Cagayan de Oro, Mindanao. Also felt at Davao, Mindanao. Local tsunami generated with maximum wave heights (peak-to-trough) of 10 cm recorded at Legaspi, Luzon.
APR 21	05 17 01.3	12.047 N	125.920 E	27 G	5.6	6.9	1.1	234	SAMAR, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.8 (HRV). Ms 6.8 (BRK). Mo=7.9*10**18 Nm (GS). Mo=2.0*10**19 Nm (HRV). Mo=3.3*10**19 Nm (PPT). Felt at Davao, Mindanao.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
APR 23	02 55 55.1	51.334 N	179.714 E	17 G	6.2	6.5	1.0	573	RAT ISLANDS, ALEUTIAN ISLANDS. Mw 6.4 (GS), 6.5 (HRV). ML 6.7 (PMR). Ms 6.2 (BRK). Mo=4.4*10**18 Nm (GS). Mo=6.2*10**18 Nm (HRV). Mo=1.0*10**19 Nm (PPT). Felt (IV) on Adak.
APR 23	05 08 01.9	12.390 N	125.396 E	24 G	6.1	6.6	1.0	463	SAMAR, PHILIPPINE ISLANDS. Mw 6.6 (GS), 6.8 (HRV). Ms 6.6 (BRK). Mo=1.0*10**19 Nm (GS). Mo=1.5*10**19 Nm (HRV). Mo=3.0*10**19 Nm (PPT).
APR 28	16 30 00.7	44.072 N	148.004 E	29 G	6.5	6.8	0.9	571	KURIL ISLANDS. Mw 6.9 (GS), 6.9 (HRV). Ms 6.6 (BRK). Mo=2.9*10**19 Nm (GS). Mo=2.8*10**19 Nm (HRV). Mo=3.7*10**19 Nm (OBN), 3.9*10**19 Nm (PPT). Felt (VII) on Kunashir and Iturup, (V) on Shikotan and (IV) at Kurilsk, Iturup.
MAY 02	06 06 05.6	3.792 S	76.917 W	97 G	6.5		1.0	604	NORTHERN PERU. Mw 6.7 (GS), 6.7 (HRV). Mo=1.3*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=1.2*10**19 Nm (PPT). Felt at Andoas, Moyobamba, Tarapoto and along the Peru-Ecuador border.
MAY 05	03 53 45.0	12.626 N	125.297 E	16 G	6.2	7.0	0.9	338	SAMAR, PHILIPPINE ISLANDS. Mw 7.0 (GS), 7.1 (HRV). Ms 7.1 (BRK). Mo=3.8*10**19 Nm (GS). Mo=4.5*10**19 Nm (HRV). Mo=4.5*10**19 Nm (PPT). Felt on Catanduanes, Leyte and Masbate. Also felt in southern Luzon.
MAY 13	08 47 12.7	40.149 N	21.695 E	14 G	6.2	6.6	1.2	580	GREECE. Mw 6.4 (GS), 6.6 (HRV). Ms 6.8 (BRK). ML 6.2 (TTG), 6.1 (ATH). Mo=4.7*10**18 Nm (GS). Mo=7.6*10**18 Nm (HRV). Mo=2.0*10**19 Nm (PPT). Twenty-five people injured and substantial damage in the Grevena-Kozani area. Maximum intensity VIII. The earthquake and aftershocks destroyed 5,000 homes and damaged 7,000 others with a preliminary estimate of 450 million U.S. dollars in damage. Felt in central and northern Greece, including Thessaloniki. Felt (IV-VI) in the former Yugoslav Republic of Macedonia. Felt (III) at Herceg Novi, Podgorica and Ulcinj, Yugoslavia.
MAY 14	11 33 18.8	8.378 S	125.127 E	11 G	6.2	6.9	1.4	299	TIMOR REGION, INDONESIA. Mw 6.5 (GS), 6.9 (HRV). Mo=6.3*10**18 Nm (GS). Mo=2.4*10**19 Nm (HRV). Mo=8.6*10**19 Nm (PPT). Eleven people missing on Timor. Several houses destroyed by a local tsunami in the Dili area. Considerable damage also occurred in the Maliana and Maubara areas. Landslides occurred in the epicentral area.
MAY 15	04 05 57.8	41.603 N	88.820 E	0 G	6.1	5.0	1.0	514	SOUTHERN XINJIANG, CHINA. Underground nuclear explosion.
MAY 16	20 12 44.2	23.008 S	169.900 E	20 G	6.9	7.7	1.3	592	LOYALTY ISLANDS REGION. Mw 7.3 (GS), 7.7 (HRV). Ms 7.8 (BRK). Mo=9.7*10**19 Nm (GS). Mo=3.9*10**20 Nm (HRV). Mo=2.5*10**20 Nm (PPT). Felt (III) on the Loyalty Islands and at Noumea, New Caledonia.. Tsunami generated with maximum wave heights (peak-to-trough) at the following locations: 40 cm at Port-Vila, Vanuatu; 10 cm at Pago Pago, American Samoa; 6 cm at Lautoka and 5 cm at Suva, Fiji; 3 cm at Apia, Western Samoa; 3 cm at Nukualofa, Tonga; 3 cm at Rarotonga, Cook Islands. The tsunami was also recorded along the coast of New South Wales, Australia.
MAY 17	11 23 49.5	23.030 S	170.108 E	20 G	5.9	6.5	1.4	347	LOYALTY ISLANDS REGION. Mw 6.2 (GS), 6.5 (HRV). Ms 6.5 (BRK). Mo=2.2*10**18 Nm (GS). Mo=5.4*10**18 Nm (HRV). Mo=7.2*10**18 Nm (PPT).
MAY 18	00 06 27.4	0.893 S	21.996 W	12 G	6.2	6.2	1.0	536	CENTRAL MID-ATLANTIC RIDGE. Mw 6.7 (GS), 6.8 (HRV). Ms 6.1 (BRK). Mo=1.3*10**19 Nm (GS). Mo=1.8*10**19 Nm (HRV). Mo=2.0*10**19 Nm (PPT).
MAY 19	21 30 06.4	1.021 S	120.505 E	26 D	5.5	5.3	1.2	188	SULAWESI, INDONESIA. Mw 5.9 (HRV). Ms 5.2 (BRK). Mo= 7.7*10**17 Nm (HRV). Twenty-six people injured and 115 houses damaged in the Parigi area. Felt strongly at Palu and Poso.
MAY 21	06 13 11.8	8.265 S	122.977 E	28 D	5.2	4.6	1.2	89	FLORES REGION, INDONESIA. Mw 5.2 (HRV). Mo=7.7*10**16 Nm (HRV). One person killed, 5 injured and several buildings destroyed on Adonara.
MAY 23	10 01 28.4	43.655 N	141.736 E	17 D	5.5	5.3	0.9	453	HOKKAIDO, JAPAN REGION. Mw 5.6 (HRV). Mo=3.1*10**17 Nm (HRV). Four people slightly injured on Hokkaido. Felt (IV JMA) at Hokuryu and (III JMA) at Rumoi.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
MAY 23	22 10 11.8	55.945 S	3.361 W	10 G	5.4	6.5	1.3	80	SOUTHERN MID-ATLANTIC RIDGE. Mw 6.6 (GS), 6.8 (HRV). Mo=8.5*10**18 Nm (GS). Mo=1.5*10**19 Nm (HRV). Mo=3.3*10**19 Nm (PPT).
MAY 26	03 11 17.1	12.115 N	57.939 E	62 *	5.4		1.0	224	ARABIAN SEA. Mw 6.5 (HRV). Mo=6.1*10**18 Nm (HRV).
MAY 27	13 03 52.6	52.629 N	142.827 E	11 G	6.7	7.5	0.9	599	SAKHALIN ISLAND. Mw 7.1 (GS), 7.1 (HRV). Ms 7.3 (BRK). Mo=4.3*10**19 Nm (GS). Mo=4.3*10**19 Nm (HRV). Mo=1.8*10**19 Nm (OBN). Mo=5.6*10**19 Nm (PPT). As many as 1,989 people killed, about 750 injured and severe damage (IX) in the Neftegorsk area. Some damage (VII) occurred at Okha. Felt (VI) at Moskalvo; (V) at Nikolayevsk-na-Amure and Nyvrovo; (IV) at Aleksandrovsk-Sakhalinskiy and Nysh.
JUN 14	11 11 47.4	12.128 N	88.360 W	25 D	5.7	6.1	1.2	379	OFF COAST OF CENTRAL AMERICA. Mw 6.6 (HRV). Mo=7.5*10**18 Nm (HRV). Mo=2.5*10**19 Nm (PPT).
JUN 15	00 15 48.7	38.401 N	22.283 E	14 G	6.1	6.5	1.3	606	GREECE. Mw 6.3 (GS), 6.5 (HRV). Ms 6.4 (BRK). MD 6.0 (ATH). ML 6.0 (TTG), 5.7 (THE). Mo=3.3*10**18 Nm (GS). Mo=6.0*10**18 Nm (HRV). Twenty-six people killed and 60 injured in the Aiyion area. Extensive damage at Aiyion and Eratini. Damage also at Corinth, Patrai and Pirgos. Preliminary estimate of 660 million U.S. dollars damage. Felt at Athens, Ioannina, Kalamai, Kardhitsa and Kozani. Also felt on Kefallinia.
JUN 21	15 28 51.7	61.673 S	154.766 E	10 G	5.8	6.7	1.3	230	BALLENY ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Mo=1.1*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=1.3*10**19 Nm (PPT).
JUN 24	06 58 06.6	3.959 S	153.930 E	386 D	6.2		1.0	496	NEW IRELAND REGION, P.N.G. Mw 6.8 (GS), 6.8 (HRV). mb 6.1 (BRK). Mo=1.5*10**19 Nm (GS). Mo=1.8*10**19 Nm (HRV). Mo=4.0*10**19 Nm (PPT).
JUN 25	06 59 06.2	24.600 N	121.700 E	52 D	5.8	5.6	1.0	442	TAIWAN. Mw 5.9 (GS), 6.0 (HRV). mb 6.1 (BRK). Mo= 7.0*10**17 Nm (GS). Mo=1.0*10**18 Nm (HRV). One person killed, three injured and six houses damaged by landslides in the epicentral area. Felt throughout Taiwan. Also felt (II JMA) on Kin-men and Peng-hu.
JUN 29	12 24 03.2	19.544 S	169.287 E	139 D	6.3		1.0	466	VANUATU ISLANDS. Mw 6.6 (GS), 6.6 (HRV). mb 6.9 (BRK). Mo=8.5*10**18 Nm (GS). Mo=9.3*10**18 Nm (HRV). Mo= 1.8*10**19 Nm (PPT). Felt on the Loyalty Islands.
JUL 03	19 50 50.6	29.211 S	177.589 W	35 G	6.5	7.2	1.2	538	KERMADEC ISLANDS, NEW ZEALAND. Mw 7.2 (GS), 7.2 (HRV). Me 6.8 (GS). Ms 7.2 (BRK). Mo=6.3*10**19 Nm (GS). Mo=6.2*10**19 Nm (HRV). Mo=5.6*10**19 Nm (PPT). Felt (VI) on Raoul Island.
JUL 11	21 46 39.7	21.966 N	99.196 E	13 D	6.1	7.1	1.3	411	MYANMAR-CHINA BORDER REGION. Mw 6.8 (GS), 6.8 (HRV). Me 7.1 (GS). Ms 6.9 (BRK). Mo=1.6*10**19 Nm (GS). Mo=1.9*10**19 Nm (HRV). Mo=4.9*10**19 Nm (PPT). Eleven people killed, 136 injured, more than 100,000 houses destroyed and 42,000 damaged in the Lancang-Menglian-Ximeng area, China. Some buildings also damaged in Chiang Mai and Chiang Rai Provinces, Thailand.
JUL 12	15 46 56.8	23.260 S	170.865 E	11 G	6.0	6.4	1.0	467	LOYALTY ISLANDS REGION. Mw 6.5 (GS), 6.4 (HRV). Me 6.3 (GS). Mo=6.4*10**18 Nm (GS). Mo=5.3*10**18 Nm (HRV). Mo=3.2*10**18 Nm (PPT).
JUL 21	22 44 04.5	36.427 N	103.123 E	13 G	5.7	5.4	1.0	409	GANSU, CHINA. Mw 5.5 (GS), 5.6 (HRV). Me 5.5 (GS). Mo=1.7*10**17 Nm (GS). Mo=2.7*10**17 Nm (HRV). Fourteen people killed, at least 60 injured, 5,000 homeless, 4,500 houses destroyed and 5,000 houses damaged in the Yongdeng area. Felt at Baiyin, Dingxi, Jingtai, Lanzhou, Tianzhu and Wuwei. Also felt at Xining, Qinghai.
JUL 26	23 42 02.7	2.534 N	127.681 E	65 G	6.0		1.1	343	NORTHERN MOLUCCA SEA. Mw 6.4 (GS), 6.3 (HRV). Me 6.7 (GS). Mo=3.9*10**18 Nm (GS). Mo=3.7*10**18 Nm (HRV). Mo=7.1*10**18 Nm (PPT).
JUL 28	14 29 11.0	21.182 S	175.394 W	92 G	6.3		0.8	561	TONGA ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Me 6.6 (GS). Mo=4.8*10**18 Nm (GS). Mo=4.3*10**18 Nm (HRV). Mo=1.1*10**19 Nm (PPT).

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JUL 30	05 11 23.6	23.340 S	70.294 W	46 G	6.6	7.3	1.1	489	NEAR COAST OF NORTHERN CHILE. Mw 8.0 (GS), 8.0 (HRV). Me 7.6 (GS). Ms 7.2 (BRK). Mo=1.0*10**21 Nm (GS). Mo=1.2*10**21 Nm (HRV). Mo=2.3*10**21 Nm (PPT). Three people killed, 58 injured, 630 homeless and 115 houses destroyed (VII) in the Antofagasta area. Landslides blocked several roads in the Antofagasta area. One person injured at Mejillones. Several houses damaged at Calama, Mejillones, San Pedro de Atacama, Taltal and Tocopilla. Felt (VI) at Baquedano, Chuquicamata, Copiapo, Diego de Almagro, Inca de Oro, Iquique, Mejillones, Peine, Sierra Gorda, Taltal, Tierra Amarilla and Tocopilla; (V) at Chanaral, El Salvador, Huasco and Vallenar; (IV) at Arica, Caldera and La Serena. Felt in Buenos Aires, Cordoba, Jujuy, La Rioja, Mendoza, Salta and San Juan Provinces and as far away as Buenos Aires, Argentina. Also felt in southern Peru and (III) at La Paz, Bolivia. Tsunami generated with maximum wave heights (peak-to-trough, in cm) recorded at the following selected tide stations: 55 at Valparaiso, Chile; 10 on Easter Island; 75 at Hilo, 70 at Kahului, 15 at Honolulu and 12 at Nawiliwili, Hawaii; 27 at Crescent City, 25 at Santa Monica, 11 at San Diego and 10 at Los Angeles, California; 30 at Adak, 21 at Sand Point, 20 on Shemya, 10 at Kodiak and 9 at Seward, Alaska; 25 at Pago Pago, American Samoa; 9 at Papeete, Tahiti; 29 at Miyako and 26 at Hachinche, Japan.
AUG 14	04 37 17.5	4.836 S	151.515 E	128 G	6.4		1.0	549	NEW BRITAIN REGION, P.N.G. Mw 6.7 (GS), 6.7 (HRV). Me 6.6 (GS). Mo=1.2*10**19 Nm (GS). Mo=1.4*10**19 Nm (HRV). Mo=2.8*10**19 Nm (PPT). Felt in the epicentral area.
AUG 16	10 27 28.6	5.799 S	154.178 E	30 G	6.5	7.8	1.3	459	SOLOMON ISLANDS. Mw 7.6 (GS), 7.7 (HRV). Me 7.3 (GS). Ms 7.8 (BRK). Mo=2.6*10**20 Nm (GS). Mo=4.6*10**20 Nm (HRV). Mo=3.1*10**20 Nm (PPT). Minor damage in the epicentral area. Landslides blocked a road between Rabaul and Kokopo, New Britain. Felt strongly on Shortland Island. Tsunami generated with maximum wave heights (peak-to-trough) of 55 cm at Rabaul, New Britain and 11 cm on Kwajalein Island.
AUG 16	16 24 26.5	5.429 S	153.773 E	19 G	5.8	6.7	1.1	391	NEW IRELAND REGION, P.N.G. Mw 6.5 (GS), 6.6 (HRV). Me 6.4 (GS). Ms 6.8 (BRK). Mo=6.9*10**18 Nm (GS). Mo=8.4*10**18 Nm (HRV).
AUG 16	23 10 23.9	5.771 S	154.347 E	33 N	6.2	7.2	1.2	365	SOLOMON ISLANDS. Mw 7.2 (GS), 7.2 (HRV). Me 6.8 (GS). Ms 7.2 (BRK). Mo=6.6*10**19 Nm (GS). Mo=7.0*10**19 Nm (HRV). Mo=5.0*10**19 Nm (PPT). Felt throughout the Solomon Islands.
AUG 17	00 59 57.7	41.559 N	88.800 E	0 G	6.0		0.9	586	SOUTHERN XINJIANG, CHINA. Underground nuclear explosion.
AUG 17	10 01 25.9	5.168 S	153.447 E	21 G	5.6	6.4	1.2	252	NEW IRELAND REGION, P.N.G. Mw 6.2 (GS), 6.4 (HRV). Me 5.9 (GS). Ms 6.5 (BRK). Mo=1.9*10**18 Nm (GS). Mo=4.2*10**18 Nm (HRV). Mo=4.5*10**18 Nm (PPT).
AUG 19	21 43 31.9	5.139 N	75.577 W	120 G	6.2		1.0	621	COLOMBIA. Mw 6.5 (GS), 6.6 (HRV). Me 6.3 (GS). mb 6.7 (BRK). Mo=7.2*10**18 Nm (GS). Mo=7.7*10**18 Nm (HRV). Some damage and power outages in the epicentral area. Felt at Bogota, Manizales, Medellin and Pereira. Also felt in central Colombia.
AUG 23	07 06 02.7	18.856 N	145.218 E	595 G	6.3		0.9	623	MARIANA ISLANDS. Mw 7.1 (GS), 7.1 (HRV). Me 6.8 (GS). mb 6.3 (BRK). Mo=4.6*10**19 Nm (GS). Mo=4.4*10**19 Nm (HRV). Mo=3.2*10**19 Nm (PPT). Felt on Saipan.
AUG 28	10 46 12.0	26.092 N	110.284 W	12 G	5.7	6.5	1.1	207	GULF OF CALIFORNIA. Mw 6.6 (GS), 6.5 (HRV). Me 6.9 (GS). Mo=1.0*10**19 Nm (GS). Mo=6.1*10**18 Nm (HRV). Mo=6.7*10**18 Nm (PPT).
AUG 31	17 10 35.0	15.838 S	166.426 E	17 G	6.1	6.4	1.0	460	VANUATU ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Me 6.1 (GS). Ms 6.6 (BRK). Mo=4.3*10**18 Nm (GS). Mo=5.3*10**18 Nm (HRV). Mo=8.0*10**18 Nm (PPT).
SEP 05	21 29 58.4	21.852 S	138.844 W	0 G	4.8		0.8	95	TUAMOTU ARCHIPELAGO REGION. Underground nuclear explosion on Mururoa.
SEP 14	14 04 31.4	16.779 N	98.597 W	23 G	6.4	7.2	1.2	565	NEAR COAST OF GUERRERO, MEXICO. Mw 7.4 (GS), 7.4 (HRV). Me 7.2 (GS). Ms 7.2 (BRK). Mo=1.4*10**20 Nm (GS). Mo=1.3*10**20 Nm (HRV). Mo=1.3*10**20 Nm (PPT). Three people killed, nearly 100 injured, 500 homeless and extensive damage in Guerrero. Several people injured, 400 homeless and considerable damage in Oaxaca. Some minor damage in Puebla and at Mexico City. Felt strongly along the Pacific coast of Mexico from Michoacan to Chiapas.
SEP 17	17 09 20.6	17.093 S	66.707 E	8 G	5.6	6.0	0.9	344	MAURITIUS-REUNION REGION. Mw 6.4 (GS), 6.5 (HRV). Me 6.6 (GS). Ms 6.6 (BRK). Mo=4.7*10**18 Nm (GS). Mo=6.4*10**18 Nm (HRV). Mo=1.0*10**19 Nm (PPT).
SEP 23	22 31 56.3	10.680 S	78.581 W	60 G	6.0		1.2	436	NEAR COAST OF PERU. Mw 6.5 (GS), 6.5 (HRV). Me 6.2 (GS). mb 6.4 (BRK). Mo=5.8*10**18 Nm (GS). Mo=5.8*10**18 Nm (HRV). Mo=1.3*10**19 Nm (PPT). Felt (V) at Huacho; (IV) at Lima and Trujillo; (III) at Canta and Huaraz; (II) at Chiclayo and Ica.

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OCT 01	15 57 16.2	38.063 N	30.134 E	33 N	5.8	6.2	1.1	491	TURKEY. Mw 6.0 (GS), 6.4 (HRV). Me 5.8 (GS). ML 5.7 (CSS), 5.6 (THE). Mo=1.3*10**18 Nm (GS). Mo= 4.7*10**18 Nm (HRV). Mo=5.4*10**18 Nm (PPT). One hundred one people killed, 348 injured, 50,000 homeless and 4,500 buildings damaged or destroyed in the Dinar area. About 600 buildings destroyed at Evciler. Felt in much of western Turkey as far west as Izmir and as far north as Bursa and Yalova.
OCT 01	23 29 57.9	22.250 S	138.745 W	0 G	5.4		0.9	249	TUAMOTU ARCHIPELAGO REGION. Underground nuclear explosion.
OCT 03	01 51 23.9	2.750 S	77.881 W	24 G	6.5	7.0	0.9	650	PERU-ECUADOR BORDER REGION. Mw 6.8 (GS), 7.0 (HRV). Me 6.9 (GS). Ms 6.9 (BRK). Mo=1.9*10**19 Nm (GS). Mo= 3.9*10**19 Nm (HRV). Mo=1.9*10**19 Nm (PPT). Two people killed, 5 injured and at least 83 homes damaged or destroyed in Ecuador. Some damage at Archidona, Canelos, Limon, Macas, Mendez, Patuca, Puyo, Santiago, Sucua and Tena, Ecuador. Slight damage (V) at Quito, Ecuador. Felt (V) at Ayabaca; (IV) at Chachapoyas and Moyobamba; (III) at Chulucanas, Jaen and Tumbes; (II) at Tarapoto, Peru. Felt in many parts of Ecuador, Peru and in Colombia as far north as Bogota.
OCT 03	12 44 58.0	2.778 S	77.851 W	17 G	6.0	6.1	1.0	527	PERU-ECUADOR BORDER REGION. Mw 6.4 (GS), 6.5 (HRV). Me 6.1 (GS). Ms 5.9 (BRK). Mo=5.2*10**18 Nm (GS). Mo= 5.4*10**18 Nm (HRV). Mo=4.2*10**18 Nm (PPT). Felt strongly in the epicentral area. Felt in many parts of Ecuador and in parts of Colombia. Also felt (III) in northern Peru.
OCT 06	18 09 45.9	2.045 S	101.436 E	33 N	5.8	6.9	1.1	356	SOUTHERN SUMATERA, INDONESIA. Mw 6.7 (GS), 6.8 (HRV). Me 7.1 (GS). Ms 6.4 (BRK). Mo=1.3*10**19 Nm (GS). Mo=1.5*10**19 Nm (HRV). Eighty-four people killed, 1,868 injured, nearly 65,000 homeless and over 17,600 homes and buildings damaged or destroyed in Jambi Province. Landslides occurred in the epicentral area. Felt in many parts of central Sumatera and as far as southern Malaysia and Singapore.
OCT 09	15 35 53.9	19.055 N	104.205 W	33 N	6.6	7.4	1.3	615	NEAR COAST OF JALISCO, MEXICO. Mw 7.9 (GS), 8.0 (HRV). Me 7.3 (GS). Ms 7.3 (BRK). Mo=9.1*10**20 Nm (GS). Mo=1.1*10**21 Nm (HRV). Mo=9.6*10**20 Nm (PPT). At least 49 people killed, 100 injured, nearly 1,000 homeless and extensive damage in the states of Colima and Jalisco. Most of the damage and casualties were in the Cihuatlan-Manzanillo area, Colima. Some damage also occurred in the states of Guerrero and Michoacan. Felt strongly at Mexico City. Felt by people in high-rise buildings as far as Dallas and Houston, Texas and Oklahoma City, Oklahoma. Landslides blocked roads between Guadalajara and Manzanillo. Tsunami generated with estimated runup heights of 200 to 500 cm in the Manzanillo area. Maximum wave heights (peak-to-trough) recorded at the following selected tide stations: 51 cm at Cabo San Lucas and 20 cm on Isla Socorro, Mexico; 100 cm on Hiva Oa, 30 cm on Nuku Hiva and 7 cm at Papeete, French Polynesia; 37 cm at Hilo, 34 cm at Kahului, 12 cm at Nawiliwili and 11 cm at Kawaihae, Hawaii; 37 cm at Pago Pago, American Samoa; 4 cm at Southport, Australia. Land subsidence of approximately 14 cm observed at the Manzanillo harbor.
OCT 12	16 52 53.0	18.810 N	104.017 W	16 G	5.5	5.6	1.1	345	NEAR COAST OF JALISCO, MEXICO. Mw 5.9 (GS), 6.0 (HRV). Me 5.4 (GS). Ms 5.2 (BRK). Mo=7.3*10**17 Nm (GS). Mo=1.0*10**18 Nm (HRV). Mo=9.9*10**17 Nm (PPT). Five people injured and some additional damage at Manzanillo, Colima. Felt at Mexico City.
OCT 18	10 37 26.3	27.929 N	130.175 E	28 G	6.4	6.9	1.2	521	RYUKYU ISLANDS. Mw 6.9 (GS), 7.1 (HRV). Me 6.9 (GS). Ms 6.7 (BRK). Mo=2.8*10**19 Nm (GS). Mo=5.7*10**19 Nm (HRV). Mo=9.0*10**19 Nm (PPT). One person injured on Amami O-shima. Felt (V JMA) on Kikai-shima and (IV JMA) at Naze, Amami O-shima. Tsunami generated with estimated runup heights of 100 to 260 cm on Kikai-shima and Amami O-shima, causing minor damage to boats. Maximum wave height (peak-to-trough) of 80 cm recorded on Nakano-shima.
OCT 19	02 41 36.1	28.094 N	130.148 E	20 G	6.3	6.9	1.2	439	RYUKYU ISLANDS. Mw 6.7 (GS), 6.8 (HRV). Me 6.4 (GS). Ms 6.6 (BRK). Mo=1.1*10**19 Nm (GS). Mo=1.5*10**19 Nm (HRV). Felt (V JMA) on Amami O-shima. Landslides occurred on Kikai-shima. Local tsunami generated with wave heights up to 1.5 meters along some coastal areas.

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OCT 21	02 38 57.1	16.840 N	93.469 W	159 G	6.3		1.1	640	CHIAPAS, MEXICO. Mw 7.1 (GS), 7.2 (HRV). Me 6.4 (GS). Mo=4.6*10**19 Nm (GS). Mo=7.1*10**19 Nm (HRV). Mo= 1.5*10**20 Nm (PPT). Several houses damaged at Larrainzar. Felt strongly in many parts of southern Mexico and at Mexico City. Also felt in many parts of Guatemala. Felt (II) at Metapan, El Salvador.
OCT 23	22 46 50.8	26.003 N	102.227 E	10 G	5.8	6.4	1.0	460	SICHUAN, CHINA. Mw 6.2 (GS), 6.2 (HRV). Me 6.5 (GS). Ms 6.1 (BRK). Mo=1.9*10**18 Nm (GS). Mo=2.2*10**18 Nm (HRV). At least 81 people killed, 800 injured and more than 200 houses damaged or destroyed in the Wuding area. Felt strongly at Chuxiong, Dongchuan, Kunming, Qujing, Zhaotong and many other parts of northern Yunnan. Also felt in southwestern Sichuan, China and in northern Vietnam.
OCT 27	21 59 58.1	21.891 S	138.983 W	0 G	5.4		0.8	268	TUAMOTU ARCHIPELAGO REGION. Underground nuclear explosion.
NOV 01	00 35 32.7	28.906 S	71.417 W	20 G	6.3	6.4	1.1	521	NEAR COAST OF CENTRAL CHILE. Mw 6.6 (GS), 6.7 (HRV). Ms 6.3 (BRK). Mo=9.5*10**18 Nm (GS). Mo=1.1*10**19 Nm (HRV). Mo=2.1*10**19 Nm (PPT). Felt (VI) at La Serena and (II) at Santiago. Also felt (IV) in Mendoza Province, Argentina.
NOV 08	07 14 18.6	1.833 N	95.050 E	33 N	6.2	6.9	1.1	492	OFF W COAST OF NORTHERN SUMATERA. Mw 6.8 (GS), 6.9 (HRV). Ms 6.7 (BRK). Mo=1.6*10**19 Nm (GS). Mo=2.7*10**19 Nm (HRV). Mo=2.0*10**19 Nm (PPT). Felt (III) at Medan, (II) at Bengkulu and Padangpanjang. Felt (III) at Gunungsitoli, Nias. Felt at Banda Aceh, Meulaboh, Sigli and Tapaktuan, and many other parts of. northern Sumatera. Also felt in southern Thailand.
NOV 21	21 29 58.0	21.879 S	139.032 W	0 G	4.8		1.0	118	TUAMOTU ARCHIPELAGO REGION. Underground nuclear explosion.
NOV 22	04 15 11.9	28.826 N	34.799 E	10 G	6.2	7.3	1.3	542	EGYPT. Mw 7.1 (GS), 7.2 (HRV). Mo=4.9*10**19 Nm (GS). Mo=7.2*10**19 Nm (HRV). ML 6.2 (JER). At least eight people killed and 30 injured in the epicentral region, including two killed and 11 injured at Nuwaybi. Damage occurred in many parts of northeastern Egypt as far away as Cairo. One person was killed and two slightly injured at Al Bad, Saudi Arabia. Some damage occurred at Al Bad, Al Ula and Haql, Saudi Arabia. One person died of a heart attack, several people were injured, and substantial damage, power outages, and liquefaction occurred at Elat, Israel. Some damage also occurred at Jerusalem, Israel and Aqaba, Jordan. Felt from Sudan to Lebanon. Felt at Baghdad and Mosul, Iraq. Also felt by people in high-rise buildings at Limassol and Nicosia, Cyprus. Possible tsunami observed at Aqaba, Jordan.
NOV 24	17 24 11.8	44.537 N	149.103 E	28 G	6.1	6.4	0.9	680	KURIL ISLANDS. Mw 6.4 (GS), 6.6 (HRV). Ms 6.1 (BRK). Mo=5.3*10**18 Nm (GS). Mo=8.1*10**18 Nm (HRV). Felt (V) on Iturup and (III) on Shikotan.
DEC 01	05 20 28.8	10.160 N	104.000 W	10 G	5.6	6.3	1.1	242	OFF COAST OF MEXICO. Mw 6.6 (GS), 6.6 (HRV). Mo=8.9*10** 18 Nm (GS). Mo=8.7*10**18 Nm (HRV). Mo=1.2*10**19 Nm (PPT). Felt (V) at Kurilsk.
DEC 02	17 13 18.6	44.505 N	149.237 E	18 G	6.0	6.6	1.2	558	KURIL ISLANDS. Mw 6.4 (GS), 6.6 (HRV). Ms 6.2 (BRK). Mo=4.6*10**18 Nm GS). Mo=8.8*10**18 Nm (HRV). (Mo=1.2*10** 19 Nm (PPT). Felt (V) at Kurilsk.
DEC 03	18 01 08.9	44.663 N	149.300 E	33 N	6.6	7.9	1.1	703	KURIL ISLANDS. Mw 7.6 (GS), 7.9 (HRV). Mo=2.7*10**20 Nm (GS). Mo=8.2*10**20 Nm (HRV). Mo=8.1*10**20 Nm (PPT) Felt (V) on Iturup, (IV) on Matua and (III) on Kunashir. Felt (II JMA) at Akkeshi, Kushiro and Urakawa, Hokkaido. Also felt (II JMA) at Aomori and Mutsu, Honshu. tsunami generated with maximum recorded wave heights (peak-to-trough) as follows: 37 cm at Nemuro and 10 cm at Kushiro, Hokkaido; 13 cmon Wake Islandand 6 cm at Aykukawa Bay, Honshu; 20 cm on Shemya and 10 cm at Adak, Alaska; 13 cm on Wake Island; 41 cm on Midway Island; 31 cm at Crescent City, California.
DEC 19	20 56 06.3	15.301 N	90.154 W	10 G	5.0	4.8	1.3	100	GUATEMALA. Mw 5.4 (HRV). ML 5.3 (GCG). Ms 4.8 (BRK) Mo=1.3*10**17 Nm (HRV). One person killed and one person injured by rockslides at Tactic. Several houses damaged at San Miguel, Tucuru and Tamahu. Landslides occurred in the epicentral area. Felt (IV) at Coban and (III) at Guatemala City. Landslides occurred in the epicentral area.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
DEC 19	23 28 12.1	3.703 S	140.233 E	63 G	6.1	6.3	1.0	397	IRIAN JAYA, INDONESIA. Mw 6.5 (GS), 6.5 (HRV). Me 6.7 (GS). Ms 6.3 (BRK). Mo=7.0*10**18 Nm (GS). Mo=5.8*10**18 Nm. (HRV). Mo=6.0*10**18 Nm (PPT). Two people killed by a landslide in the Pegunungan Jayawijaya area. Felt (IV) at Jayapura and Wamena, (III) at Tanahmerah and (II) at Nabire.
DEC 25	04 43 24.4	6.903 S	129.151 E	142 D	6.3		1.0	558	BANDA SEA. Mw 7.0 (GS), 7.1 (HRV). Mo=3.6*10**19 Nm (GS). Mo=4.7*10**19 Nm (HRV). Mo=8.2*10**19 Nm (PPT). Felt (VI) at Saumlaki; (IV) at Ambon and Tual; (III) at Nabire and and Sorong, Indonesia. Also felt in northern Australia.

Other Notable North American Earthquakes

JAN 29	03 11 22.6&	47.388 N	122.365 W	17	5.1	4.5		317	WASHINGTON. <SEA-P>. Mw 5.1 (HRV). MD 5.0 (SEA). ML 4.9 (PGC). Mo=4.5*10**16 Nm (HRV). Slight damage at Auburn and Tacoma. Felt (V) at Duvall, Gig Harbor, Issaquah, Kent, Kirkland, Marysville, Milton, Seahurst, Seattle and Snoqualmie; (IV) at Bellevue, Bothell, Buckley, Carnation, Chelan, Edmonds, Keyport, Lynnwood, Maple Valley, Port Orchard, Selah, Snohomish, Sumner and Tracyton. Felt from Vancouver, British Columbia to Salem, Oregon and as far east as Grand Coulee and Yakima, Washington.
AUG 17	22 39 59.0&	35.776 N	117.662 W	6	5.3	5.2		296	CENTRAL CALIFORNIA. <PAS-P>. Mw 5.4 (HRV). ML 5.4 (PAS). Mo=1.1*10**17 Nm (BRK). Mo=1.6*10**17 Nm (HRV). Slight damage in the Ridgecrest area. Felt (V) at Cantil, China Lake, Inyokern, Johannesburg, Onyx and Randsburg; (IV) at Bakersfield, Darwin, Hinkley, Kernville, Porterville, Tecopa and Tehachapi. Felt from the Los Angeles area north to Bishop and Fresno. Felt east as far as Las Vegas, Nevada.
SEP 20	23 27 36.2&	35.761 N	117.639 W	5	5.0	5.5		266	CENTRAL CALIFORNIA. <PAS-P>. Mw 5.5 (GS), 5.6 (HRV). ML 5.8 (PAS), 6.1 (BRK). Mo=2.3*10**17 Nm (BRK). Mo= 2.3*10**17 Nm (GS). Mo=2.6*10**17 Nm (HRV). Felt strongly in the China Lake-Ridgecrest area. Felt (V) at Darwin and Inyokern; (IV) at Barstow, Bodfish, Boron, Edwards, Glendale, Hinkley, Johannesburg, La Canada, Littlerock, Lone Pine, Santa Ana, Strathmore and Tehachapi. Felt in the Los Angeles area, south as far as San Diego and east to Las Vegas, Nevada.
OCT 06	05 23 18.5&	65.170 N	148.565 W	9	5.7	5.8		592	NORTHERN ALASKA. <AEIC>. Mw 6.0 (GS), 6.0 (HRV). Me 6.4 (GS). ML 6.2 (AEIC), 6.2 (PMR). Ms 5.5 (BRK). Mo= 1.2*10**18 Nm (GS). Mo=1.1*10**18 Nm (HRV). Minor damage (VI) at Fairbanks. Felt (V) at Anderson, Delta Junction, Eielson Air Force Base, Ester, Nenana, North Pole, Rampart, Salcha and Wiseman; (IV) at Bettles, Cantwell, Dot Lake, Eagle, Fort Yukon, Lake Minchumina, Manley Hot Springs, Minto, Ruby, Tanana and Tok; (III) at Circle, Coldfoot, Hughes, McGrath, Paxson, Talkeetna, Valdez and Wasilla; (II) at Palmer. Felt throughout central Alaska as far south as Anchorage.

Compiled by Waverly J. Person

Corrections to Previous Monthly Listings

1. Delete event at 00:18:26.2 UTC on August 21, 1993.

2. Event in Western Arabian Peninsula at 07:08:37.1 UTC on August 22, 1993, has been relocated to Egypt at 07:09:06 UTC, by ISC.

3. Event in Western Honshu, Japan at 13:14:12.8 UTC on September 17, 1993, has been relocated to South Coast of Honshu, Japan at 13:14:22.8 UTC, by ISC.

4. Event in Tonga Islands at 00:52:04.4 UTC on September 27, 1993, has been relocated to Fiji Islands Region at 00:52:52 UTC, by ISC.

5. Delete event at 12:28:56.3 UTC on September 27, 1993. Data belong to event at 12:28:56 UTC on September 28, located by ISC.

6. Delete event at 20:55:15.0 UTC on September 27, 1993. Data belong to event at 20:55:15 UTC on September 28, located by ISC.

7. Event in Lake Tanganyika Region at 22:30:49.7 UTC on September 28, 1993, has been relocated to Zaire at 22:31:09.0 UTC, by ISC.

8. Delete event at 22:30:44.2 UTC on October 26, 1993. Data belong to event at 22:30:43.5 UTC on October 27.

9. Event in Southern India at 23:45:07.3 UTC on October 29, 1993, has been relocated to Western Pakistan at 23:47:34 UTC, by ISC.

10. Delete event at 15:41:57.8 UTC on November 11, 1993. Data belong to event at 15:41:54 UTC on November 01, located by ISC.

11. Event in Kermadec Islands at 15:28:09.9 UTC on November 25, 1993, has been relocated to South of Fiji Islands at 15:29:13 UTC, by ISC.

12. Event Off Coast of Chiapas, Mexico at 23:13:03.5 UTC on December 3, 1993, has been relocated Off Coast of Central America at 23:12:48 UTC, by ISC.

13. Delete event at 23:17:12.1 UTC on December 4, 1993. Data belong to event at 23:16:52.4 UTC.

14. Delete event at 19:40:13.1 UTC on December 12, 1993. Data belong to event at 19:40:13.7 UTC on December 22.

15. Delete event at 00:46:29.2 UTC on December 18, 1993. Data belong to event at 00:46:29 UTC on December 28, located by ISC.

16. Delete event at 21:53:17.8 UTC on December 27, 1993. Data belong to event at 21:53:19.8 UTC on December 24.

17. Event in Kyushu, Japan at 04:54:46.6 UTC on December 31, 1993, has been relocated to Ryukyu Islands at 04:53:36 UTC, by ISC.

18. Delete event at 02:57:17.2 UTC on January 9, 1994. Data belong to event at 02:56:57.5 UTC.

19. Delete event at 22:01:01.6 UTC on January 30, 1994. Data belong to event at 22:00:26.3 UTC.

20. Event in Central African Republic at 00:14:14.5 UTC on February 6, 1994, has been relocated to Uganda at 00:13:27 UTC, by ISC. This relocation is consistent with being an aftershock of the event at 23:34:09.9 UTC on February 5 in Uganda.

21. Delete event at 17:43:06.3 UTC on February 9, 1994. Data belong to event at 17:43:26.2 UTC, located by ISC.

22. Delete event at 12:34:22.2 UTC on February 14, 1994. Data belong to event at 12:34:22 UTC on February 15, located by ISC.

23. Delete event at 02:39:06.8 UTC on February 22, 1994. Data belong to event at 02:39:05 UTC on February 23, located by ISC.

24. Delete event at 08:02:06.0 UTC on February 22, 1994. Data belong to event at 08:02:04.7 UTC on February 23.

25. Event in Albania at 23:58:20.2 UTC on February 23, 1994, has been relocated to Southern Italy at 23:57:44.0 UTC, by ISC.

26. Delete event at 02:30:46.6 UTC on February 24, 1994. Data belong to event at 02:30:51.5 UTC on February 25.

27. Delete event at 07:21:10.0 UTC on March 10, 1994. Data belong to event at 07:20:57.5 UTC.

28. Delete event at 04:38:43.9 UTC on March 11, 1994. Data belong to event at 04:38:46.1 UTC.

29. Delete event at 09:49:12.5 UTC on April 04, 1994. Data belong to event at 09:49:06 UTC on April 06, located by ISC.

30. Delete event at 05:29:09.9 UTC on April 13, 1994. Data belong to event at 05:29:11.5 UTC on April 14.

31. Delete event at 04:58:54.0 UTC on May 09, 1994. Data belong to event at 05:58:42.5 UTC.

32. Delete event at 00:43:01.6 UTC on May 20, 1994. Data belong to event at 00:43:01.6 UTC on May 22.

33. Delete event at 02:05:33.9 UTC on May 25, 1994. Data belong to event at 02:05:36.2 UTC on May 24.

34. Event in Arabian Sea at 05:53:19.5 UTC on May 26, 1994, has been relocated to Carlsberg Ridge at 05:53:05.0 UTC, by ISC.

35. Delete event at 09:41:09.6 UTC on May 28, 1994. Data belong to event at 09:40:45.2 UTC, located by ISC.

36. Event in Java Sea at 19:45:18.6 UTC on June 02, 1994, has been relocated to South of Jawa, Indonesia at 19:44:17.0 UTC. This relocation is consistent with being an aftershock of the event at 18:17:34.0 UTC South of Jawa, Indonesia.

37. Event Northwest of Australia at 22:14:53.7 UTC on June 03, 1994, has been relocated to South of Jawa, Indonesia at 22:15:02.5 UTC.

38. Event Northwest of Australia at 16:29:22.3 UTC on June 04, 1994, has been relocated to South of Jawa, Indonesia at 16:27:34.7 UTC, by ISC.

39. Delete event at 17:29:30.7 UTC on June 22, 1994. Data belong to event at 17:29:25.6 UTC on June 23.

40. Event East of Philippine Islands at 03:57:38.0 UTC on July 04, 1994, has been relocated to West Irian Region at 03:56:42 UTC, by ISC.

41. Delete event at 18:09:51.9 UTC on July 29, 1994. Data belong to event at 18:08:44.8 UTC.

The corrections shown above are based on information supplied by R.D. Adams and V.I. Marza from the International Seismological Centre.

EXPLANATION OF ABBREVIATIONS AND SYMBOLS APPEARING IN THIS PUBLICATION

Abbreviations in Heading

MB - Body wave magnitudes.
Msz - Vertical surface wave magnitudes.
UTC - Coordinated Universal Time. HR MN SEC - Hour, minute, second.
SD - Standard Deviation from the arithmetic mean of residuals.
No. Sta. - Number of stations reporting P or PKP phases used in computation.
KEY - (Printed vertically). An "a" in this column indicates additional source parameters are published for this event in a separate section following the list of hypocenters.

Symbols and Abbreviations Used in Comments

AEIC	Alaska Earthquake Information Center (U.S. Geological Survey and University of Alaska), College.
APT	University of Connecticut.
BGS	British Geological Survey, Edinburgh, United Kingdom.
BLA	Virginia Polytechnic Institute and State University, Blacksburg.
BOU	University of Colorado, Boulder.
BRK	University of California, Berkeley.
BUT	Montana Bureau of Mines and Geology, Butte.
DOE	U.S. Department of Energy (formerly AEC and ERDA).
EXPLO	Some or all parameters of explosion (controlled or accidental) supplied by any group or individual other than DOE or its predecessor organizations.
GLD	U.S. Geological Survey, Golden, Colorado (other than NEIS).
GM	U.S. Geological Survey, Menlo Park, California.
GS	U.S. Geological Survey, National Earthquake Information Service (NEIS), Golden, Colorado.
HDC	Observatorio Vulcanologico y Sismologico de Costa Rica, Universidad Nacional, Heredia, Costa Rica.
HRV	Harvard University, Cambridge, Massachusetts.
HVO	Hawaiian Volcano Observatory.
JMA	Japan Meteorological Agency, Tokyo (also used to indicate 7-point Japanese Intensity Scale).
LAK	Kansas Geological Survey, University of Kansas, Lawrence.
LDG	Laboratoire de Detection et de Geophysique, Bruyeres-le-Chatel, France.
MACRO	Hypocenter based upon macroseismic information.
MD	Duration magnitude (shown as DUR prior to 1986).
MDD	Instituto Geografico Nacional, Madrid, Spain.
ME	Energy Magnitude.
MG	Contributed local or regional magnitude of unspecified type (see "Contributed Magnitudes" below).
MW	Moment Magnitude.
OTT	Geological Survey of Canada, Earth Physics Branch, Ottawa.
PAL	Columbia University, Lamont-Doherty Geological Observatory, Palisades, New York.
PAR	Institute de Physique du Globe, Universite Pierre et Marie Curie, Paris, France.
PAS	California Institute of Technology, Pasadena.
PGC	Pacific Geoscience Centre, Sidney, British Columbia, Canada.
PMR	Alaska Tsunami Warning Center, Palmer, Alaska.
PPT	Laboratoire de Geophysique, Papeete, French Polynesia.
REN	University of Nevada, Reno.
RF	Rossi-Forel Intensity Scale.
SEA	University of Washington, Seattle.
SLC	University of Utah, Salt Lake City.
SLM	St. Louis University, Missouri.
SPEC	An NEIS solution based on use of dense local networks, a local crustal model, or other methods not routinely applied in calculating the hypocenter parameters.
TEIC	Center for Earthquake Research and Information, Memphis, Tennessee.
TUL	Oklahoma Geological Survey, Leonard.
UVC	Universidad del Valle, Cali, Colombia.
WES	Weston Observatory, Massachusetts.
Roman Numerals	Used to indicate intensity (when not followed by RF or JMA they refer to the Modified Mercalli Scale or any 12-point intensity scale closely related to it).
` ' "	Geographic degrees, minutes, seconds.
-P	Supplied hypocenter is a preliminary computation.

Any additional 3 to 5 letter codes enclosed in parentheses or angle brackets refer to individual station codes. These codes may be found in Geological Survey Open File Report 85-714, Seismograph Station Codes and Coordinates (1985). Addenda to OF 85-714 are printed at the end of the Earthquake Data Report for this month.

Symbols Following Depth

N Indicates the depth was restrained at 33 km for earthquakes whose character on seismograms indicates a shallow focus but whose depth is not satisfactorily determined by the data.

D Indicates the depth was restrained by the computer program based on 2 or more compatible pP phases and/or unidentified secondary arrivals used as pP.

G Indicates the depth was restrained by a geophysicist.

* Indicates a less well-constrained free depth. The 90% marginal confidence interval on depth is greater than 8.5 km and less than or equal to 16.0 km.

? Indicates a poorly-constrained free depth. The 90% marginal confidence interval on depth is greater than 16.0 km.

The lack of any symbol indicates that the 90% marginal confidence interval on depth is less than or equal to 8.5 km, or that a contributed hypocenter was computed with a free depth, regardless of the size of the confidence interval.

Symbols Following Origin Time

& Indicates that parameters of the hypocenter were supplied or determined by a computational procedure not normally used by the National Earthquake Information Service (NEIS). The source or nature of the determination is indicated by a 2 to 5 letter code enclosed by angle brackets and appearing in the first line of comments. A "-P" appended to the code indicates that the computation is preliminary. These codes are included with the list of abbreviations above.

% Indicates a single network solution. A non-furnished hypocenter has been computed using data reported by a single network of stations for which the date and/or origin time cannot be confirmed from seismograms available to a NEIS analyst. The geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is less than or equal to 16.0 km.

* Indicates a less reliable solution. In general, the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is greater than 8.5 km and less than or equal to 16.0 km.

? Indicates a poor solution, published for completeness of the catalog. In general, the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is greater than 16.0 km. This includes a poor solution computed using data reported by a single network.

The lack of any symbol indicates that the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is less than or equal to 8.5 km.

APPROXIMATE CORRELATION OF GRADES FOR INTENSITY SCALES
REPORTED IN PRELIMINARY DETERMINATION OF EPICENTERS

U.S.A. Modified Mercalli (M.M.), 1931	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Japanese (JMA), 1950	0	I	II	II-III	III	IV	IV-V	V	V-VI	VI	VII	VII
Rossi-Forel (RF), 1873	I	I-II	III	IV-V	V-VI	VI-VII	VIII-	VIII+ - IX	IX+	X	X	X
European (Mercalli-Cancani-Sieberg), 1917	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII

TRAVEL-TIME TABLES

In general, all hypocenters have been computed based on the 1940 Jeffreys-Bullen P and 1968 Bolt PKP travel-time tables. Some other earth model or computational procedure may have been used for those hypocenters which have been indicated by an ampersand (&) following the origin time.

MACROSEISMIC INFORMATION

Macroseismic information is compiled from various sources, including newspaper articles, Foreign Broadcast Information Service messages, U.S. Geological Survey Earthquake Reports and seismological station reports. Macroseismic information for southwestern France is contributed by Dr. Pierre Stahl, Pau. Sources of information for particular events can be supplied on request from: U.S. Geological Survey, National Earthquake Information Center, Stop 967, Box 25046, Denver Federal Center, Denver, CO 80225, U.S.A.

GEOGRAPHIC REGIONS

The regions shown in the comments column are from the seismic and geographical regionalization of Flinn, Engdahl and Hill (1974), with occasional name changes which have been given in various issues of the Monthly Listing. The boundaries of these regions are defined at one degree intervals and differ slightly from irregular political boundaries.

DEPTHS FROM BROADBAND DISPLACEMENT SEISMOGRAMS

The NEIS routinely interprets broadband data from the GDSN, USNSN and other global digital seismograph networks for events with MB ≥ 5.8. Records that are flat to displacement between approximately 0.01 and 5.0 Hz are obtained using methods described by Harvey and Choy (1982). The notation that a depth is obtained from broadband seismograms indicates that a depth was obtained by inversion of differential travel times that are clearly identifiable at several stations using methods described by Choy and Engdahl (1987). Depths of selected events may also be constrained by modelling broadband P and transversely polarized S waves using methods described by Choy and Dewey (1988).

Choy, G. L. and Dewey, J. W., 1988, Rupture process of an extended earthquake sequence: Teleseismic analysis of the Chilean earthquake of March 3, 1985: Journal of Geophysical Research, v. 93, p. 1103-1118.

Choy, G. L. and Engdahl, E. R., 1987, Analysis of broadband seismograms from selected IASPEI events: Physics of the Earth and Planetary Interiors, v. 47, p. 80-92.

Harvey, D. and Choy, G. L., 1982, Broadband deconvolution of GDSN data: Geophysical Journal of the Royal Astronomical Society, v. 69, p. 659-668.

BROADBAND FAULT PLANE SOLUTIONS

A fault plane solution is determined when possible for any earthquake having a magnitude ≥ 5.8. Beginning January 1996, the fault plane solution is determined primarily from least-squares fitting of synthetic waveforms and broadband body waves that are flat to displacement between approximately 0.01 to 5.0 Hz. The fault plane solution derived from broadband data is sensitive to the dynamic or high frequency part of the earthquake. For complex earthquakes, the fault plane solution corresponds to the largest subevent unless otherwise stated. Prior to January 1996, fault plane solutions were constrained primarily by using first motions from P, pP and PKP waves. Polarities were also obtained by using broadband displacement records of surface-reflected body waves (e.g., pP and sP), Hilbert-transformed body waves of certain secondary arrivals (e.g., PP), and transversely polarized S waves.

FOCAL MECHANISM MAPS

Best double couple focal mechanisms are plotted as lower-hemisphere, equal-area projections for earthquakes having a seismic moment greater than 1*10**17 Nm. The shaded quadrants represent compressional first motions. For each event, the mechanism shown is selected from either the Fault Plane Solution, Moment Tensor Solution or Centroid, Moment Tensor Solution. All these solutions are given in the Additional Source Parameters section of the Monthly Listing.

NEIS MAGNITUDES

All magnitudes are NEIS magnitudes unless otherwise indicated. Beginning with August, 1983, average magnitudes are computed by a 25% trimmed mean as described by Rosenberger, J. L. and Gasko, M., 1983, "Comparing location estimators: trimmed means, medians, and trimean" in Understanding Robust and Exploratory Data Analysis, ed. Hoaglin, D.C., Mosteller, F., and Tukey, J. W., John Wiley, New York.

Mw These moment magnitudes are computed from the scalar moment of the moment tensor using the Kanamori (1977) formula:

$$Mw = (2/3) \log Mo - 10.7$$

where Mo is the scalar moment of the best double couple in dyne-cm. Mo, computed from low frequency seismic data, is a measure of the area ruptured by an earthquake. Beginning with January, 1993, a moment magnitude is computed routinely from the USGS moment tensor and Harvard centroid moment tensor solutions.

Me These energy magnitudes are computed from the radiated energy using the Choy and Boatwright (1995) formula (eq. 6):

$$Me = (2/3) \log Es - 2.9$$

where Es is the radiated seismic energy in Newton-meters. Me, computed from high frequency seismic data, is a measure of seismic potential for damage. Beginning from July 1995, an energy magnitude is computed routinely from the USGS radiated energy.

Ms These surface wave magnitudes are computed from the IASPEI formula:

$$Ms = \text{Log } (A/T) + 1.66 \text{ Log } D + 3.3$$

where:

A is the maximum ground amplitude in micrometers (microns) of the vertical component of the surface wave within the period range $18 \leq T \leq 22$.

T is the period in seconds.

D is the distance in geocentric degrees (station to epicenter) and $20° \leq D \leq 160°$.

No depth corrections are applied, and Ms magnitudes are not generally computed for depths greater than 50 km. The Ms value published is the average of the individual station magnitudes from reported T and A data.

If the uncertainty of the computed depth is considered great enough that the depth could be less than 50 km, an Ms value may still be published, computed by the IASPEI formula and <u>not</u> corrected for depth.

In general, the Ms magnitude is more reliable than the MB magnitude as a means of yielding the relative "size" of a shallow-focus earthquake.

MB These compressional body wave (P-wave) magnitudes are computed according to the formula:

$$MB = \text{Log } (A/T) + Q(D,h)$$

defined by Gutenberg and Richter (1956) except that T, the period in seconds, is restricted to $0.1 \leq T \leq 3.0$ and A, the ground amplitude in micrometers, is not necessarily the maximum in the P group. Q is a function of distance (D) and depth (h) where $D \geq 5°$.

mbLg These Lg body wave magnitudes are computed according to the formula:

$$mbLg = 3.75 + 0.90 \text{ Log } D + \text{Log } (A/T) \text{ for } 0.5° \leq D \leq 4°$$

$$mbLg = 3.30 + 1.66 \text{ Log } D + \text{Log } (A/T) \text{ for } 4° \leq D \leq 30°$$

as proposed by Nuttli (1973) where A is the ground amplitude in micrometers and T is the period in seconds calculated from the vertical component 1-second Lg waves. D is the distance in geocentric degrees.

ML These local magnitudes are computed according to the formula:

$$ML = \text{Log } A - \text{Log } Ao$$

defined by Richter (1935) where A is the maximum trace amplitude in micrometers recorded on a standard short-period torsion seismometer and Log Ao is a standard value as a function of distance where distance ≤ 600 km.

CONTRIBUTED MAGNITUDES

Magnitudes appearing in the comments which have been contributed by organizations operating a network of stations may have been calculated from any one station in the network or may be an average magnitude from a number of stations from the network.

Beginning with January, 1986, a contributed magnitude of unspecified type may be quoted (using the designator MG) for events which have no other magnitudes given or computed. These MG magnitudes either have been reported by the contributor without listing the type (such as "Mag 3.5") or have been computed using procedures which are not defined by the magnitude types routinely reported in this bulletin. Direct inquiries should be made to the contributor (shown in parentheses after the magnitude) concerning the specific details of the computational procedures used to determine these values.

REFERENCES

Choy, G. L., and Boatwright, J. L., 1995, Global patterns of radiated seismic energy and apparent stress: Journal of Geophysical Research, v. 100, p. 18205-18228.

Gutenberg, B., and Richter, C. F., 1956, Magnitude and energy of earthquakes: Annali di Geofisica, v. 9, no. 1, p. 1-15.

Kanamori, H., 1977, The energy release in great earthquakes: Journal of Geophysical Research, v. 82, p. 2981-2987.

Nuttli, O. W., 1973, Seismic wave attenuation and magnitude relations for eastern North America: Journal of Geophysical Research, v. 78, no. 5, p. 876-885.

Richter, C. F., 1935, An instrumental earthquake scale: Bulletin of the Seismological Society of America, v. 25, p. 1-32.

USGS RADIATED ENERGY

The energy radiated by an earthquake is estimated from the energy spectral density of the broadband P waves, using the method described by Boatwright and Choy (1986), where the energy flux in the P waves is integrated directly. No correction for source directivity or frequency-dependent interference of the depth phases is incorporated into these estimates of radiated energy. Data used are either direct P waves (for deep earthquakes) or the P wave group consisting of P, pP and sP (for shallow earthquakes) from GDSN and other stations that contribute digital data to the NEIC within two months of the occurrence of an event. The data are processed using the method of Harvey and Choy (1982) so that they are flat to velocity from low frequencies (generally 0.01 Hz) to at least 2.0 Hz. The effect of attenuation is corrected with the frequency-dependent t* of Choy and Cormier (1986). The focal mechanism used is either the P-wave first-motion solution (F), the USGS moment tensor solution (M) or the Harvard centroid solution (C).

Boatwright, J. and Choy, G. L., 1986, Teleseismic estimates of the energy radiated by shallow earthquakes: Journal of Geophysical Research, v. 91, p. 2095-2112.

Choy, G. L. and Cormier, V. F., 1986, Direct measurement of the mantle attenuation operator from broadband P and S waveforms: Journal of Geophysical Research, v. 91, p. 7326-7342.

Harvey, D. and Choy, G. L., 1982, Broadband deconvolution of GDSN data: Geophysical Journal of the Royal Astronomical Society, v. 69, p. 659-668.

EXPLANATION OF THE ENTRIES "MOMENT TENSOR SOLUTION" (USGS)

These solutions have been determined using the body-wave moment tensor inversion method described by Sipkin (1982).

1. NUMBER OF STATIONS: Number of GDSN stations with distances between approximately 30 and 95 degrees found to have suitable P waveforms. Only long-period vertical components are used.

2. DEPTH: The source depth which gives the smallest normalized mean-squared-error. This is the only hypocentral parameter determined since the inversion procedure is insensitive to small errors in both epicenter and origin time.

3. SCALE)
)
4. PRINCIPAL AXES) See "Centroid, Moment Tensor (HRV)"
)
5. BEST DOUBLE COUPLE)

S. A. Sipkin, U.S. Geological Survey, Mail Stop 967, Box 25046, Denver Federal Center, Denver, CO 80225 USA

Sipkin, S. A., 1982, Estimation of earthquake source parameters by the inversion of waveform data: synthetic seismograms: Physics of the Earth and Planetary Interiors, v. 30, no. 2-3, p. 242-259.

EXPLANATION OF THE ENTRIES "GEOSCOPE MOMENT TENSOR (PAR)"

These solutions have been obtained from very long period Rayleigh wave data in the period range 180-310 seconds (R1 and R2 trains) using a two step moment tensor inversion method as described in Romanowicz and Guillemant (1984) and Romanowicz and Monfret (1986). Parameters solved for are centroid time, seismic moment, depth and moment tensor. Origin time and epicentral coordinates are kept fixed as given in the USGS Quick Epicenter Determinations (QED) or PDE. For shallow earthquakes the precision on depth is in general no greater than ± 10 km.

The data used presently come from GEOSCOPE teletransmitted stations (usually 8 - 10 stations) and are available within a week after the event. The solutions are computed by the Institute de Physique du Globe, Universite Pierre et Marie Curie, Paris, France.

Romanowicz, B. and Guillemant, P., 1984, An experiment in the retrieval of depth and source mechanism of large earthquakes using very long-period Rayleigh wave data: Bulletin of the Seismological Society of America, v. 74, no. 2, p. 417-437.

Romanowicz, B. and Monfret, T., 1986, Source process times and depths of large earthquakes by moment tensor inversion of mantle wave data and the effect of lateral heterogeneity: Annales de Geophysique, v. B4, no. 3, p. 271-282.

EXPLANATION OF THE ENTRIES "CENTROID, MOMENT TENSOR (HRV)"

These solutions have been determined using the long period body and mantle wave moment tensor inversion method described by Dziewonski, et.al. (1981) considering corrections due to an aspherical earth structure of model SH8/U4L8 (Dziewonski and Woodward, 1991).

1. DATA USED: currently GDSN, GSN and IDA/IRIS data are used. The numbers following the entries L.P.B. and M.W. indicate the number of stations (S) and total number of records (C) for the long-period body waves and mantle waves, respectively. Mantle waves are routinely used in inversion for sources with moments greater than 5*10**18 Newton-meters (Nm).

2. CENTROID LOCATION: hypocentral parameters obtained by adding perturbations resulting from inversion to the parameters reported in the PDE; standard errors follow the individual entries. If a given parameter is not perturbed in inversion, this is indicated by the letters FIX. If the depth is fixed to be consistent with waveform matching of reconstructed broad-band body waves (Ekstrom, 1989), this is indicated by the letters BDY. The default depth for shallow earthquakes is increased to 15 km. in order to improve the stability of solutions; it was 10 km. in 1981-1985.

3. PRINCIPAL AXES: rotation of the moment tensor, constrained to have zero trace, into the principal axes system. Most of the solutions are predominantly of the double couple type: the largest positive eigenvalue corresponds to the tension axis (T); the usually small, intermediate eigenvalue is associated with the null axis (N); the smallest negative eigenvalue is identified with the compression axis (P). PLG are the plunges and AZM the azimuths of the axes.

4. BEST DOUBLE COUPLE: If the eigenvalue (T) is σ_1 and (P) is $-\sigma_2$, then the scalar seismic moment is defined as $Mo = 1/2(\sigma_1 + \sigma_2)$. The strike, dip and slip of the first (NP1) and second (NP2) nodal planes are calculated from the directions of the P, T, and N axes. The remainder is a linear-vector dipole; in most cases the magnitude of LVD is small. Although all such decompositions are highly non-unique, this particular one is the best in estimating the starting solution for the non-linear, constrained double couple inverse problem. The strike, dip, and slip angles are defined using the convention of Aki and Richards (1980, p. 106) and are the angles designated there as ϕ_s, δ, λ, respectively.

   A. M. Dziewonski, G. Ekstrom and M. P. Salganik, Department of Earth and Planetary Sciences, Harvard University, Cambridge, MA 02138

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OTHER SEISMIC MOMENTS

1. The seismic moment (Mo) contributed by the University of California, Berkeley (BRK), is given for regional earthquakes based on Wood-Anderson torsion seismograms recorded within 300 km of the epicenter with peak-to-peak amplitudes of at least 3 mm. This seismic moment (Mo) in dyne-cm is defined by $\text{Log } Mo = 16.74 + 1.22\text{Log}(CD\Delta)$, where C is the maximum peak-to-peak amplitude in mm, D is the duration in seconds from the time of the S-wave onset to the last time that the peak-to-peak amplitude exceeds C/3, and Δ is the epicentral distance in km. Seismic moments quoted in "Preliminary Determination of Epicenters" are converted to Newton-meters (1 Newton-meter = 10**7 dyne-cm).

   Bolt, B.A. and Herraiz, M. 1983, Simplified estimation of seismic moment from seismograms: Bulletin of the Seismological Society of America, v. 73, p. 735-748.

2. Beginning with November, 1988, seismic moments for selected events have been contributed by the Laboratoire de Geophysique, Papeete, French Polynesia (PPT). These moments are computed from mantle Rayleigh and Love waves using the method of Talandier, Reymond and Okal (1987 and 1990).

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

FEBRUARY 1996

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	10	02.6	26.417	S	27.371	E	5	G			0.5	7	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	01	00	14	42.2	81.244	N	3.452	W	10	G	4.3	3.8	1.1	43	NORTH OF SVALBARD
	01	00	22	36.6?	33.49	S	178.57	W	33	N	4.9		1.4	8	SOUTH OF KERMADEC ISLANDS
	01	00	32	17.9%	33.946	S	70.745	W	80	G			0.5	7	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
	01	00	58	59.2	10.672	N	62.509	W	97	D	4.0		1.1	36	NEAR COAST OF VENEZUELA. MD 3.9 (TRN).
	01	01	27	41.4	46.220	N	2.594	E	5	G			0.3	14	FRANCE. ML 2.1 (LDG).
	01	01	34	04.6?	43.45	N	147.84	E	33	N	4.0		1.0	13	KURIL ISLANDS
	01	02	19	34.5?	33.53	S	178.69	W	33	N	4.5		1.1	9	SOUTH OF KERMADEC ISLANDS
	01	02	22	46.4*	44.517	N	149.407	E	33	N	4.5		1.0	40	KURIL ISLANDS
	01	02	40	14.1&	62.053	N	151.327	W	82		2.9			86	CENTRAL ALASKA. <AEIC>.
	01	02	43	57.5*	38.209	N	20.465	E	10	G			1.1	11	GREECE. MD 3.1 (ATH). ML 3.1 (THE).
	01	02	47	02.1?	33.22	S	178.48	W	33	N	4.5		1.3	15	SOUTH OF KERMADEC ISLANDS
	01	03	42	06.2	5.500	S	147.145	E	167		4.7		0.9	40	EASTERN NEW GUINEA REG., P.N.G.
	01	03	51	07.1%	28.007	S	26.811	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	01	03	59	18.5?	46.10	N	148.84	E	33	N	3.7		1.0	11	NORTHWEST OF KURIL ISLANDS
a	01	04	21	19.7	18.080	S	178.349	W	574	D	5.0		0.9	277	FIJI ISLANDS REGION. Mw 5.5 (HRV). mb 4.9 (BRK).
	01	04	42	27.4?	23.86	S	176.13	W	150	G	4.0		0.7	10	SOUTH OF FIJI ISLANDS
	01	05	00	46.6	43.075	N	0.311	W	10	G			1.1	33	PYRENEES. ML 3.8 (LDG), 3.1 (STR). mbLg 3.4 (MDD).
	01	05	04	22.8?	12.43	S	119.22	E	33	N	3.8		1.4	13	SOUTH OF SUMBA, INDONESIA
	01	05	22	10.5	43.005	N	0.374	W	10	G			1.4	9	PYRENEES. ML 2.4 (LDG), 1.9 (STR).
	01	05	43	03.9	30.765	S	68.990	W	117	D	4.2		0.9	39	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	01	05	43	43.5	43.064	N	0.326	W	10	G			0.4	7	PYRENEES. ML 2.2 (LDG), 1.7 (STR).
	01	06	06	04.9	14.131	N	92.917	W	33	N	4.3		1.2	44	NEAR COAST OF CHIAPAS, MEXICO
	01	06	34	15.4	24.970	S	179.275	E	600	G	4.3		0.7	21	SOUTH OF FIJI ISLANDS
a	01	07	18	04.2	44.853	N	146.273	E	170	G	5.8		0.9	596	KURIL ISLANDS. Mw 6.2 (GS), 6.2 (HRV). Me 5.9 (GS). mb 5.8 (BRK). Felt (V) on Shikotan and (IV) at Yuzhno-Kurilsk, Kunashir. Two events about 3.6 seconds apart. Depth from broadband displacement seismograms, based on first event.
	01	08	08	59.5&	65.905	N	149.271	W	34					34	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	01	08	09	07.9%	28.619	N	34.663	E	10	G			0.1	5	EGYPT. MD 2.8 (RYD).
	01	08	31	53.6?	11.25	N	127.03	E	33	N	3.9		1.4	8	PHILIPPINE ISLANDS REGION
	01	08	49	20.7*	34.401	S	69.146	W	150	G			0.8	15	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	08	59	20.0%	28.849	N	34.784	E	10	G			0.3	5	EGYPT. MD 3.1 (RYD).
	01	09	50	02.4?	11.02	N	88.39	W	20	G	4.0		1.4	10	OFF COAST OF CENTRAL AMERICA
	01	10	14	00.0*	35.026	S	179.910	W	150	G	4.2		1.4	20	EAST OF NORTH ISLAND, N.Z.
	01	11	12	22.3?	23.44	N	45.64	W	10	G	3.8		1.2	10	NORTHERN MID-ATLANTIC RIDGE
	01	12	52	14.7*	52.053	N	174.141	E	33	N	4.1		0.9	21	NEAR ISLANDS, ALEUTIAN ISLANDS
	01	13	29	01.5*	7.234	S	119.074	E	408		4.1		1.0	16	FLORES SEA
	01	13	37	28.2	27.865	N	130.182	E	33	N	4.3		0.9	26	RYUKYU ISLANDS
	01	13	46	31.7	33.594	S	71.014	W	33	N			0.9	12	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	01	14	29	00.4	32.233	N	140.683	E	51		4.8		1.0	83	SOUTH OF HONSHU, JAPAN
	01	14	58	10.1*	29.034	N	82.674	E	33	N			0.9	10	NEPAL
	01	16	07	06.9&	63.200	N	150.471	W	139					48	CENTRAL ALASKA. <AEIC>.
	01	16	33	27.0	17.737	N	120.510	E	33	N	4.3		1.1	46	LUZON, PHILIPPINE ISLANDS
	01	16	34	01.3%	26.382	S	27.517	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	01	16	44	28.3	43.154	N	13.606	E	10	G			1.2	45	CENTRAL ITALY. ML 4.1 (STR), 3.8 (LDG). MD 3.7 (TRI), 3.4 (ROM).
	01	16	45	21.2*	32.132	S	179.425	W	100	G	4.4		1.0	15	SOUTH OF KERMADEC ISLANDS
	01	17	43	55.3	41.703	N	23.792	E	10	G			0.6	26	GREECE-BULGARIA BORDER REGION. ML 3.3 (THE). MD 3.2 (ATH). Felt (IV) in the Gotse Delchev area, Bulgaria.
a	01	17	57	58.1	37.829	N	19.918	E	30	D	5.3	4.7	1.3	338	IONIAN SEA. Mw 5.3 (HRV). ML 5.1 (TTG), 5.1 (THE), 5.0 (ROM), 4.9 (TIR). MD 4.9 (ATH). Felt strongly on Zakinthos. Felt on Kefallinia. Also felt at Patrai and Pirgos, Greece.
	01	18	25	32.7%	37.931	N	20.404	E	10	G			1.2	5	IONIAN SEA. MD 3.0 (ATH).
	01	18	32	03 6?	39.96	N	74.51	E	33	N	3.6		1.0	10	SOUTHERN XINJIANG, CHINA
	01	18	39	42.9%	40.087	N	21.711	E	10	G			0.2	5	GREECE. ML 2.2 (THE).

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	01	18 41 04.8?	6.69	S	146.10	E	100	G	3.7	1.0	7	EASTERN NEW GUINEA REG., P.N.G.
	01	18 49 03.7	32.997	S	70.650	W	100	G		1.0	19	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN). Felt (III) at La Ligua, Limache and Papudo; (II) at Quillota, Chile.
	01	18 56 19.7?	8.41	S	121.79	E	200	G	4.3	0.4	12	FLORES REGION, INDONESIA
	01	19 19 16.5*	34.741	N	24.847	E	10	G	3.4	1.4	6	CRETE. ML 3.8 (THE). MD 3.8 (ATH).
	01	19 24 54.2	45.591	N	6.920	E	10	G		0.7	30	FRANCE. ML 2.8 (STR), 2.7 (LDG), 2.5 (GEN).
	01	20 22 19.2	44.466	N	7.340	E	10	G		0.1	6	NORTHERN ITALY. ML 2.0 (GEN).
	01	20 45 50.6*	22.403	S	70.394	W	33	N	4.1	1.2	13	NEAR COAST OF NORTHERN CHILE
	01	20 58 57.6?	38.00	N	20.38	E	10	G		1.5	6	IONIAN SEA. MD 3.2 (ATH). ML 3.2 (THE).
	01	21 00 08.3*	19.420	S	169.265	E	150	G	4.7	1.2	30	VANUATU ISLANDS
	01	21 23 23.8*	38.135	N	20.636	E	10	G		1.3	8	GREECE. ML 3.2 (THE). MD 3.1 (ATH).
	01	23 16 52.7	43.572	N	5.949	E	10	G		0.5	9	NEAR SOUTH COAST OF FRANCE. ML 1.9 (STR), 1.7 (LDG).
	01	23 40 15.2?	33.66	S	178.46	W	33	N	4.7	1.3	12	SOUTH OF KERMADEC ISLANDS
	01	23 41 56.8	44.652	N	6.828	E	10	G		0.4	33	FRANCE. ML 2.8 (GEN), 2.8 (LDG), 2.6 (STR).
	02	00 02 02.1?	31.79	S	68.29	W	100	G		1.1	6	SAN JUAN PROVINCE, ARGENTINA
	02	00 13 09.7*	33.608	S	179.019	W	80	G	4.8	1.4	15	SOUTH OF KERMADEC ISLANDS
	02	00 23 59.7?	33.74	S	176.69	E	33	N	3.9	0.5	7	NORTH OF NEW ZEALAND
	02	00 40 30.3	39.978	N	120.848	W	5	G		0.7	70	NORTHERN CALIFORNIA. ML 4.0 (BRK), 3.8 (GS). MD 3.8 (GM). Mo=3.4*10**14 Nm (BRK). Felt (V) at Twain; (IV) at Berry Creek, Crescent Mills, Litchfield, Milford, Standish, Strawberry Valley and Tobin. Also felt at Grass Valley, La Porte, Nevada City, Oroville, Quincy and by people in high-rise buildings at Sacramento.
	02	00 41 13.8	32.676	N	137.517	E	374	D	4.7	0.9	184	SOUTH OF HONSHU, JAPAN. mb 4.8 (BRK).
	02	00 43 48.1	36.610	N	7.765	W	10	G		1.0	18	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	02	00 54 22.6	37.849	N	20.490	E	33	N	4.0	1.3	56	IONIAN SEA. ML 3.7 (TTG), 3.7 (THE). MD 3.6 (ATH).
	02	01 01 32.7&	62.927	N	150.563	W	105				63	CENTRAL ALASKA. <AEIC>.
	02	02 11 14.6&	39.467	N	111.230	W	2				16	UTAH. <SLC-P>. MD 3.5 (SLC). ML 3.2 (GS).
	02	02 18 12.6	45.821	N	13.986	E	10	G		0.5	8	NORTHERN ITALY. MD 2.2 (TRI), 1.9 (LJU). ML 2.0 (VIE).
	02	02 50 37.7*	32.183	S	71.428	W	33	N		0.5	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	02	02 56 22.3	7.520	S	127.664	E	152	*	4.7	0.8	67	BANDA SEA
	02	03 20 28.4	51.555	N	16.168	E	5	G		0.8	14	POLAND. ML 3.4 (GRF), 3.3 (VIE), 3.0 (MOX).
	02	04 16 38.9	43.127	N	0.680	W	20	G		1.2	24	PYRENEES. mbLg 3.5 (MDD). ML 2.8 (LDG).
	02	04 48 52.0	38.112	N	22.724	E	10	G		1.1	20	GREECE. MD 3.2 (ATH). ML 3.2 (THE).
	02	04 58 34.8&	33.007	N	117.850	W	6	G			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	04 58 41.6	37.879	N	19.743	E	20	G	3.9	1.2	42	IONIAN SEA. MD 3.7 (ATH). ML 3.7 (THE).
	02	05 11 49.5	42.853	N	23.898	E	10	G		1.3	17	BULGARIA. ML 3.3 (THE).
	02	05 34 38.3?	32.64	S	178.35	W	70	G	4.6	1.5	13	SOUTH OF KERMADEC ISLANDS
	02	05 37 14.8*	33.416	S	178.279	W	33	N	4.5	0.8	13	SOUTH OF KERMADEC ISLANDS
	02	05 41 05.8%	26.332	S	27.476	E	5	G		1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	02	05 58 23.7	47.858	N	152.604	E	33	N	4.3	1.0	50	KURIL ISLANDS
	02	07 59 27.0*	24.768	S	70.963	W	60	G	4.3	1.3	14	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Antofagasta.
	02	08 01 57.5*	38.021	N	20.639	E	10	G		0.3	5	GREECE. MD 3.0 (ATH). ML 2.9 (THE).
	02	08 19 45.1*	37.664	N	72.459	E	100	G	4.3	1.1	17	TAJIKISTAN
	02	08 39 28.0?	38.02	N	20.03	E	10	G		1.3	5	GREECE. ML 3.4 (THE). MD 3.2 (ATH).
	02	09 05 24.9*	40.498	N	21.864	E	10	G		1.0	5	GREECE
	02	09 21 00.4%	18.089	N	66.896	W	20	G		0.4	9	PUERTO RICO REGION. MD 2.8 (MPR).
	02	09 37 08.2	47.605	N	146.766	E	400	G	4.0	0.7	30	NORTHWEST OF KURIL ISLANDS
	02	11 47 24.9?	39.69	N	29.47	E	10	G		1.0	7	TURKEY. MD 2.9 (ISK).
	02	11 57 17.6?	39.72	N	29.42	E	10	G		1.5	4	TURKEY. MD 2.6 (ISK).
	02	12 09 07.4%	37.096	N	3.744	W	10	G		0.2	5	SPAIN. mbLg 2.3 (MDD).
	02	12 20 13.9?	33.13	S	178.55	W	33	N	4.2	0.9	11	SOUTH OF KERMADEC ISLANDS
	02	12 33 49.1?	52.59	N	106.26	E	10	G	3.7	1.3	7	LAKE BAYKAL REGION, RUSSIA
	02	12 38 25.2?	39.68	N	29.45	E	10	G		0.6	4	TURKEY. MD 2.6 (ISK).
	02	12 47 31.9&	33.894	N	116.813	W	10				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	12 55 43.9?	39.58	N	29.58	E	10	G		1.0	6	TURKEY. MD 2.7 (ISK).
	02	13 12 56.6?	6.38	S	152.13	E	33	N	3.4	0.3	5	NEW BRITAIN REGION, P.N.G.
	02	13 15 18.4	28.892	N	34.923	E	10	G	4.4	1.3	26	EGYPT. ML 4.6 (JER), 4.4 (HLW). MD 4.5 (RYD).
	02	13 31 09.4?	39.63	N	29.44	E	10	G		0.6	4	TURKEY. MD 2.6 (ISK).
	02	13 44 59.4%	40.198	N	29.297	E	10	G		0.5	5	TURKEY. MD 2.6 (ISK).
	02	13 56 50.4?	11.55	S	118.11	E	33	N	3.7	1.2	5	SOUTH OF SUMBAWA, INDONESIA
	02	14 42 16.5	29.235	N	34.670	E	10	G		0.9	17	EGYPT. ML 4.5 (JER), 4.2 (BHL). MD 4.5 (RYD).
	02	15 24 05.6&	61.593	N	151.891	W	98				68	SOUTHERN ALASKA. <AEIC>.
a	02	16 06 09.4	6.911	S	155.790	E	86	*	5.0	1.0	157	SOLOMON ISLANDS. Mw 5.3 (HRV).
	02	16 21 25.7?	19.05	S	167.86	E	33	N	4.2	0.8	5	VANUATU ISLANDS REGION
	02	16 45 45.3	41.241	N	23.576	E	10	G		0.7	10	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE), 1.9 (SKO).
	02	16 53 27.3	23.857	N	122.652	E	33	N	4.7	1.1	86	TAIWAN REGION
	02	18 05 38.5	23.900	N	122.710	E	50	G	4.1	0.7	21	TAIWAN REGION
a	02	18 36 11.4	11.463	N	141.587	E	33	N	5.4 5.6	1.2	196	WESTERN CAROLINE ISLANDS. Mw 5.7 (GS), 5.8 (HRV). Ms 5.4 (BRK).
	02	19 43 31.9*	40.132	N	34.381	E	10	G		1.2	5	TURKEY
	02	19 52 04.7	44.091	N	148.460	E	33	N	3.8	0.9	32	KURIL ISLANDS
	02	20 06 39.2	51.624	N	16.251	E	10	G		0.6	22	POLAND. ML 3.4 (GRF), 3.3 (MOX).
	02	20 09 04.2	0.773	S	127.102	E	33	N	4.6	1.0	48	HALMAHERA, INDONESIA
	02	20 48 25.8*	22.163	S	179.485	E	600	G	4.5	1.0	34	SOUTH OF FIJI ISLANDS
	02	21 06 01.0%	38.493	N	1.052	W	10	G		1.3	5	SPAIN. mbLg 2.6 (MDD).
	02	21 10 12.9	4.261	S	143.302	E	121	D	4.8	1.2	61	NEW GUINEA, PAPUA NEW GUINEA
	02	21 14 56.3	29.225	N	34.660	E	10	G		0.7	11	EGYPT. ML 4.0 (JER), 3.9 (HLW). MD 3.9 (RYD).
	02	21 32 51.6*	17.442	S	179.174	W	600	G	4.3	0.7	27	FIJI ISLANDS REGION
	02	21 48 15.0?	1.01	N	120.29	E	33	N	3.9	0.4	6	MINAHASSA PENINSULA, SULAWESI
	02	22 04 55.0	38.367	N	22.143	E	10	G		1.3	6	GREECE. MD 2.8 (ATH). ML 2.7 (THE).
	02	22 07 16.4?	38.63	N	26.75	E	10	G		0.4	4	AEGEAN SEA. MD 3.0 (ISK).
	02	22 25 01.6*	8.143	S	119.790	E	200	G	4.0	0.9	12	FLORES REGION, INDONESIA
	02	22 48 36.1?	36.69	N	141.37	E	33	N		0.6	6	NEAR EAST COAST OF HONSHU, JAPAN
	02	22 59 58.7	22.129	N	103.175	E	33	N	4.1	1.3	23	YUNNAN, CHINA. ML 4.3 (BJI).
	02	23 01 23.4	49.014	N	7.478	E	10	G		1.3	15	GERMANY. ML 2.9 (LDG), 2.7 (STR).
	02	23 30 22.3	36.461	N	28.325	E	20	G		1.1	14	DODECANESE ISLANDS. MD 4.0 (ATH), 3.5 (ISK). ML 4.0 (THE).
	03	00 13 48.3	36.351	N	141.433	E	33	N	4.2	1.0	44	NEAR EAST COAST OF HONSHU, JAPAN
	03	00 46 21.2	40.115	N	22.448	E	10	G		0.7	7	GREECE. ML 2.3 (THE).
	03	00 54 52.0	30.137	S	71.877	W	33	N	4.4	1.2	40	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	03	01 18 56.5*	33.495	S	178.174	W	33	N	4.6	1.3	31	SOUTH OF KERMADEC ISLANDS

	03	01	53	29.6?	24.35	S	179.31	E	600 G	4.1	1.1	12	SOUTH OF FIJI ISLANDS
	03	02	00	15.7	11.465	N	141.680	E	51 *	4.2	0.9	37	WESTERN CAROLINE ISLANDS
	03	02	02	55.4	38.158	N	22.774	E	10 G	3.6	0.9	26	GREECE. MD 3.5 (ATH). ML 3.4 (THE).
	03	02	20	01.0?	14.07	N	146.51	E	33 N	3.5	1.5	5	MARIANA ISLANDS
	03	02	34	22.1*	42.783	N	7.263	W	10 G		1.3	7	SPAIN. mbLg 3.1 (MDD). Felt (IV) in the Sarria area.
	03	02	37	00.8	5.570	S	131.147	E	33 N	4.9	0.8	66	BANDA SEA
	03	02	42	08.5*	21.378	S	66.741	W	231	3.2	1.2	15	SOUTHERN BOLIVIA
	03	02	49	49.8*	31.077	S	71.644	W	33 N		1.2	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	03	02	52	50.2*	24.240	S	175.794	W	33 N	4.8	1.4	32	SOUTH OF TONGA ISLANDS
	03	03	01	59.9*	24.045	N	122.411	E	33 N	4.0	1.1	13	TAIWAN REGION
	03	03	04	22.3*	13.311	N	88.231	W	100 G	3.8	0.7	14	EL SALVADOR
	03	03	05	32.0*	15.530	S	67.238	E	10 G	4.5	1.0	21	MID-INDIAN RIDGE
	03	03	18	59.0*	5.262	S	102.857	E	33 N	4.1	0.8	19	SOUTHERN SUMATERA, INDONESIA
	03	04	03	59.6?	10.64	N	141.13	E	33 N	4.2	1.3	13	WESTERN CAROLINE ISLANDS
	03	04	15	37.0*	7.664	N	73.358	W	125 D	4.1	1.2	19	NORTHERN COLOMBIA
	03	04	18	31.3%	37.433	N	2.270	W	10 G		0.6	10	SPAIN. mbLg 2.7 (MDD).
	03	04	58	05.8*	39.210	N	23.317	E	10 G		0.2	6	AEGEAN SEA. ML 2.3 (THE).
	03	05	04	38.7?	38.62	N	31.24	E	10 G		0.5	6	TURKEY. MD 3.0 (ISK).
	03	05	20	34.6?	37.42	N	1.89	W	10 G		0.5	4	SPAIN. mbLg 2.5 (MDD).
	03	05	30	01.2*	45.397	N	148.137	E	150 G	3.6	1.0	24	KURIL ISLANDS
	03	05	54	29.8*	6.248	S	146.910	E	100 G	4.2	0.8	7	EASTERN NEW GUINEA REG., P.N.G.
	03	06	52	39.9	3.048	S	147.958	E	33 N	4.8 4.9	0.9	61	BISMARCK SEA
	03	06	57	51.3%	43.954	N	8.026	E	10 G		0.3	7	CORSICA. ML 2.1 (GEN).
	03	07	07	27.4	45.798	N	26.907	E	100 G	3.1	0.8	19	ROMANIA
a	03	08	56	07.3	19.765	N	120.726	E	32 D	4.8 4.3	0.9	88	PHILIPPINE ISLANDS REGION. Mw 5.1 (HRV).
	03	11	00	47.1&	61.173	N	151.041	W	5	3.8		104	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
	03	11	02	03.1%	39.827	N	29.472	E	10 G		0.7	5	TURKEY. MD 2.6 (ISK).
	03	11	12	18.3	5.854	S	151.381	E	31 D	4.6	0.9	18	NEW BRITAIN REGION, P.N.G.
a	03	11	14	20.1	27.291	N	100.276	E	11 G	6.4 6.5	1.2	604	YUNNAN, CHINA. Mw 6.2 (GS), 6.6 (HRV). Me 6.6 (GS). At least 322 people killed, 3,925 seriously injured and 13,000 slightly injured. About 358,000 housing units collapsed and 654,000 others were damaged. More than 320,000 people were left homeless. Maximum intensity (IX) at Lijiang. Complex event. Depth from broadband displacement seismograms.
	03	11	24	02.0*	27.273	N	100.782	E	10 G	4.5	0.8	19	YUNNAN, CHINA
	03	11	29	49.2	36.428	N	35.485	E	10 G	3.5	1.2	9	TURKEY. MD 3.6 (ISK).
	03	11	39	42.3	27.125	N	100.138	E	10 G	5.0	1.4	71	YUNNAN, CHINA. ML 4.7 (BJI).
	03	11	47	25.2?	27.44	N	100.27	E	10 G	4.2	1.0	5	YUNNAN, CHINA
	03	11	47	55.8?	24.10	S	176.18	W	90 G	4.6	1.0	18	SOUTH OF FIJI ISLANDS
	03	11	49	49.7?	39.13	N	27.48	E	10 G		0.1	4	TURKEY. MD 2.7 (ISK).
	03	11	58	24.3	27.005	N	100.048	E	10 G	4.6	1.3	55	YUNNAN, CHINA. ML 4.5 (BJI).
	03	12	03	29.0*	27.468	N	100.767	E	10 G	4.1	1.4	11	YUNNAN, CHINA. ML 3.7 (BJI).
	03	12	08	16.5	27.102	N	100.216	E	10 G	5.1	1.1	106	YUNNAN, CHINA. ML 4.8 (BJI).
	03	12	08	25.7	40.764	N	19.766	E	10 G		1.0	13	ALBANIA. ML 2.9 (TIR), 2.7 (TTG).
	03	12	14	52.0	27.027	N	100.326	E	10 G	4.6	1.3	45	YUNNAN, CHINA. ML 4.4 (BJI).
	03	12	15	53.4%	39.679	N	29.472	E	10 G		1.1	5	TURKEY. MD 2.7 (ISK).
	03	12	16	38.3%	26.755	N	103.155	E	10 G		0.9	7	YUNNAN, CHINA
	03	12	26	10.5?	39.54	N	29.46	E	10 G		1.1	6	TURKEY. MD 2.8 (ISK).
	03	12	26	49.8	2.717	N	79.840	W	33 N	5.0	1.0	128	SOUTH OF PANAMA
	03	12	27	33.0%	26.368	S	27.420	E	5 G		1.8	12	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	03	12	30	39.6?	28.22	N	100.06	E	10 G	4.3	0.7	5	SICHUAN, CHINA
	03	12	33	29.9?	17.73	S	178.51	W	600 G	4.4	1.1	16	FIJI ISLANDS REGION
	03	12	37	01.0	27.229	N	100.046	E	10 G	4.0	1.2	24	YUNNAN, CHINA. ML 3.9 (BJI).
	03	12	44	30.3	2.818	N	79.760	W	33 N	4.8	1.0	97	SOUTH OF PANAMA
	03	12	49	11.2	27.189	N	100.180	E	10 G	4.0	1.3	19	YUNNAN, CHINA
	03	12	58	25.5*	19.740	N	120.154	E	33 N	4.2	0.8	11	PHILIPPINE ISLANDS REGION
	03	13	05	27.8&	60.747	N	150.499	W	43			71	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	03	13	05	58.5?	18.65	S	174.09	W	33 N	4.4	1.4	17	TONGA ISLANDS
	03	13	17	30.1	27.158	N	100.024	E	10 G	4.3	1.3	34	YUNNAN, CHINA. ML 4.4 (BJI).
	03	13	17	39.2*	47.385	N	152.563	E	100 G	3.6	0.7	11	KURIL ISLANDS
	03	13	21	18.7?	5.12	S	152.24	E	33 N	3.6	0.6	6	NEW BRITAIN REGION, P.N.G.
	03	13	35	06.0*	26.378	N	99.149	E	10 G	4.1	0.4	8	YUNNAN, CHINA
	03	13	36	45.2?	39.78	N	29.53	E	10 G		1.0	4	TURKEY. MD 2.6 (ISK).
	03	13	38	15.4%	39.138	N	27.611	E	10 G		0.8	5	TURKEY. MD 2.8 (ISK).
	03	14	00	14.1	27.104	N	100.157	E	10 G	4.3	1.1	15	YUNNAN, CHINA. ML 3.7 (BJI).
	03	14	03	16.8?	27.25	N	100.51	E	10 G	4.2	1.0	6	YUNNAN, CHINA
	03	14	07	02.2*	27.269	N	100.131	E	10 G	4.2	1.2	13	YUNNAN, CHINA
	03	14	14	11.5*	26.955	N	99.940	E	10 G	4.2	0.8	10	YUNNAN, CHINA. ML 3.5 (BJI).
	03	14	19	36.7	27.004	N	100.110	E	10 G	4.4	1.0	31	YUNNAN, CHINA. ML 4.2 (BJI).
	03	14	47	23.4?	55.19	S	125.12	E	10 G	4.5	1.1	8	SOUTH OF AUSTRALIA
	03	14	56	27.7	27.413	N	100.190	E	10 G	4.1	1.3	14	YUNNAN, CHINA. ML 3.7 (BJI).
	03	15	10	02.8*	26.881	N	100.197	E	10 G	4.0	1.1	15	YUNNAN, CHINA. ML 3.6 (BJI).
	03	16	13	32.4*	13.064	N	143.363	E	196	4.2	1.1	30	SOUTH OF MARIANA ISLANDS
	03	16	15	12.3	11.577	S	162.639	E	16 *	4.4	1.2	31	SOLOMON ISLANDS
	03	16	23	15.3*	9.024	N	126.569	E	33 N	4.2	1.0	17	MINDANAO, PHILIPPINE ISLANDS
	03	16	31	30.5	26.674	N	100.026	E	10 G	4.2	0.7	17	YUNNAN, CHINA. ML 3.5 (BJI).
	03	16	45	31.0*	51.566	N	16.369	E	10 G		1.0	8	POLAND. ML 2.6 (MOX).
	03	16	46	19.3	0.435	N	121.899	E	200 G	3.9	0.8	16	MINAHASSA PENINSULA, SULAWESI
	03	17	49	40.9*	27.351	N	99.960	E	10 G	4.1	1.2	17	YUNNAN, CHINA. ML 3.6 (BJI).
	03	18	26	12.0*	8.114	N	38.070	W	10 G	4.5	1.1	36	CENTRAL MID-ATLANTIC RIDGE
	03	18	56	36.8%	44.452	N	7.203	E	5 G		0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
	03	19	10	37.1	27.222	N	100.045	E	10 G	3.8	1.2	17	YUNNAN, CHINA. ML 3.8 (BJI).
	03	19	19	11.6?	44.38	N	146.95	E	33 N	4.2	1.3	12	KURIL ISLANDS
	03	19	35	41.5	40.203	N	21.774	E	10 G		0.8	8	GREECE. ML 2.2 (THE).
	03	19	38	57.9	26.865	N	100.148	E	10 G	4.7	1.2	59	YUNNAN, CHINA. ML 4.6 (BJI).
	03	19	48	48.3	37.507	N	26.876	E	10 G	4.4	1.1	155	DODECANESE ISLANDS. MD 4.5 (ISK), 4.4 (ATH). ML 4.3 (THE). Felt strongly on Samos. Also felt at Germencik, Izmir and Manisa, Turkey.
	03	19	50	32.9*	21.727	S	179.063	W	600 G	4.4	0.9	28	FIJI ISLANDS REGION
	03	19	53	26.9	43.397	N	17.328	E	10 G		1.3	27	NORTHWESTERN BALKAN REGION. MD 3.6 (TRI). ML 3.5 (TTG). Felt in the Makarska area, Croatia.
	03	19	53	55.4	8.587	S	115.604	E	117	4.2	0.7	28	BALI REGION, INDONESIA

	03	20 10 33.6	51.591	N	16.198	E	10	G			0.7	11	POLAND. ML 2.5 (MOX).
	03	20 19 37.7	44.557	N	149.364	E	33	N	4.7	4.0	1.0	119	KURIL ISLANDS
	03	20 24 51.5?	3.67	S	147.82	E	33	N	3.2		0.9	5	BISMARCK SEA
	03	20 28 36.3	37.482	N	26.870	E	10	G			1.4	9	DODECANESE ISLANDS. MD 3.7 (ATH), 3.3 (ISK). ML 3.7 (THE).
	03	20 32 10.2*	10.231	S	161.498	E	70	G	3.9		1.1	13	SOLOMON ISLANDS
	03	20 55 16.2*	19.570	S	178.288	W	550	G	4.1		1.0	32	FIJI ISLANDS REGION
	03	21 13 27.9	44.433	N	149.410	E	33	N	4.8	4.2	0.9	119	KURIL ISLANDS
	03	21 22 19.3&	62.542	N	150.711	W	15					81	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).
	03	21 30 13.8	37.184	N	140.749	E	91		4.1		0.6	19	EASTERN HONSHU, JAPAN
	03	21 37 36.4?	20.37	S	168.11	E	33	N	3.7		1.0	12	LOYALTY ISLANDS
	03	21 37 37.5	51.610	N	16.211	E	10	G	3.5		1.0	34	POLAND. ML 4.0 (GRF), 3.8 (VIE), 3.6 (MOX).
	03	21 42 37.6*	37.916	N	19.676	E	10	G	3.7		0.9	17	IONIAN SEA. MD 3.2 (ATH).
	03	21 44 05.3*	31.234	N	130.294	E	200	G	3.7		0.5	12	KYUSHU, JAPAN
	03	22 07 08.3	38.690	N	21.396	E	10	G			1.5	20	GREECE. MD 3.1 (ATH). ML 3.1 (THE).
	03	22 08 49.6*	8.720	S	120.115	E	70	G	4.0		1.4	17	FLORES REGION, INDONESIA
	03	22 16 42.7?	36.21	N	35.24	E	10	G			0.8	4	TURKEY. MD 3.4 (ISK). ML 3.4 (BHL).
	03	22 52 28.4?	19.79	S	178.37	W	600	G	3.8		1.2	17	FIJI ISLANDS REGION
	03	22 55 38.3*	41.742	N	143.094	E	63	*	3.6		0.8	20	HOKKAIDO, JAPAN REGION
	03	23 24 08.1	7.985	N	38.024	W	10	G	4.5	3.9	0.9	56	CENTRAL MID-ATLANTIC RIDGE
	03	23 46 56.8	7.407	S	128.373	E	135		5.3		0.9	152	BANDA SEA
	03	23 50 29.0	31.069	S	65.671	W	200	G			0.6	7	CORDOBA PROVINCE, ARGENTINA
	04	00 00 51.8	43.366	N	17.292	E	10	G			1.1	27	NORTHWESTERN BALKAN REGION. ML 3.4 (TTG), 3.4 (ROM). Felt in the Makarska area, Croatia.
	04	00 06 56.0	43.376	N	17.261	E	10	G			1.1	14	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG).
	04	00 11 37.0	33.395	N	141.230	E	34	*	4.2		1.1	32	OFF EAST COAST OF HONSHU, JAPAN
	04	00 42 14.3?	43.53	N	147.07	E	33	N	3.8		1.0	12	KURIL ISLANDS
	04	00 46 52.1	22.208	S	179.621	W	572	*	4.8		0.9	99	SOUTH OF FIJI ISLANDS. mb 4.7 (BRK).
	04	01 54 04.8*	45.991	N	150.515	E	150	G	3.8		0.9	27	KURIL ISLANDS
	04	02 14 25.0?	22.02	S	79.82	E	10	G	4.1		0.9	9	SOUTH INDIAN OCEAN
	04	02 56 11.1	23.738	S	178.934	W	500	G	4.2		0.9	7	SOUTH OF FIJI ISLANDS
	04	03 28 32.1	0.762	N	119.925	E	10	G	4.5	4.3	1.0	49	MINAHASSA PENINSULA, SULAWESI
	04	03 49 23.8%	42.390	N	19.344	E	10	G			0.7	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	04	03 55 15.0	45.526	N	151.342	E	33	N	4.1	4.2	0.9	41	KURIL ISLANDS
	04	04 01 14.3%	34.314	S	71.064	W	33	N			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).
	04	04 21 10.4?	32.22	S	179.79	E	400	G	3.9		1.4	14	SOUTH OF KERMADEC ISLANDS
	04	04 37 48.0	26.847	N	100.181	E	10	G	4.1		1.1	40	YUNNAN, CHINA. ML 4.0 (BJI).
	04	05 40 34.1	5.853	S	153.154	E	33	N	4.5	4.4	1.0	54	NEW IRELAND REGION, P.N.G.
	04	05 52 17.8	6.101	S	103.184	E	61	D	4.9		1.0	81	SOUTHWEST OF SUMATERA, INDONESIA
	04	06 28 47.6&	35.031	N	116.962	W	4					59	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	04	07 23 22.9*	29.139	N	34.651	E	10	G	3.8		1.1	16	EGYPT. ML 4.5 (BHL), 4.4 (JER), 4.3 (HLW).
	04	07 35 43.9	49.018	N	7.995	E	10	G			0.7	9	GERMANY. ML 2.4 (LDG), 1.9 (STR).
	04	09 50 40.8?	39.13	N	27.63	E	10	G			0.9	4	TURKEY. MD 2.7 (ISK).
	04	09 53 01.7?	39.10	N	27.51	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	04	10 05 36.3?	39.12	N	27.63	E	10	G			0.9	4	TURKEY. MD 2.7 (ISK).
	04	10 08 39.3	5.986	S	154.322	E	81	*	5.2		1.1	119	SOLOMON ISLANDS
	04	11 31 29.9	5.735	N	125.817	E	147	*	4.6		1.0	34	MINDANAO, PHILIPPINE ISLANDS
	04	11 48 51.5*	6.501	S	105.956	E	100	G	4.4		0.7	9	SUNDA STRAIT
a	04	11 57 19.6	44.975	N	149.621	E	33	N	5.6	4.9	0.9	403	KURIL ISLANDS. Mw 5.4 (HRV). Felt (III) at Kurilsk.
	04	12 11 57.9?	39.08	N	27.53	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	04	12 16 32.0*	29.746	N	34.796	E	10	G			0.9	8	EGYPT. ML 4.1 (JER), 3.9 (BHL).
	04	12 20 31.0	35.766	N	141.411	E	33	N	4.3		1.0	16	NEAR EAST COAST OF HONSHU, JAPAN
	04	12 21 51.6*	6.083	S	155.992	E	100	G	3.3		1.1	8	SOLOMON ISLANDS
	04	12 35 39.0	41.538	N	142.273	E	69	*	4.0		0.8	36	HOKKAIDO, JAPAN REGION
	04	12 59 46.6*	18.736	S	169.390	E	261		4.2		1.1	23	VANUATU ISLANDS
	04	13 07 53.5*	32.027	S	71.183	W	33	N			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	13 29 35.7%	44.516	N	7.308	E	10	G			0.7	11	NORTHERN ITALY. ML 2.4 (GEN).
	04	13 38 28.3	0.504	N	126.104	E	65	*	4.6		1.0	47	NORTHERN MOLUCCA SEA
	04	13 40 04.1	19.613	N	64.378	W	33	N	3.9		1.0	17	VIRGIN ISLANDS. MD 3.6 (MPR).
	04	14 20 41.4	6.096	S	146.787	E	61		4.6		1.1	50	EASTERN NEW GUINEA REG., P.N.G.
	04	14 25 47.6*	39.595	N	29.516	E	10	G			1.0	8	TURKEY. MD 2.7 (ISK).
	04	15 16 14.2?	23.97	S	176.92	W	100	G	4.0		0.7	9	SOUTH OF FIJI ISLANDS
	04	15 47 05.5	35.716	N	24.406	E	20	G			1.0	6	CRETE. MD 3.6 (ATH). ML 3.6 (THE).
	04	15 48 21.3?	39.96	N	39.60	E	10	G			1.2	5	TURKEY. MD 3.8 (ISK).
	04	15 52 50.3	31.700	N	131.866	E	42	D	4.3	4.5	1.2	59	KYUSHU, JAPAN
	04	16 20 21.8*	29.369	N	35.083	E	5	G			0.9	11	WESTERN ARABIAN PENINSULA. ML 4.3 (JER).
	04	16 45 22.7&	64.262	N	148.194	W	7					62	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.2 (PMR).
a	04	16 58 05.9	27.041	N	100.299	E	10	G	5.6	5.2	1.1	334	YUNNAN, CHINA. Mw 5.5 (GS), 5.6 (HRV). ML 5.4 (BJI).
	04	17 18 37.7?	8.68	S	69.22	W	300	G	3.9		1.1	8	WESTERN BRAZIL
	04	17 19 54.5%	44.538	N	7.406	E	10	G			0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	04	17 34 05.2&	64.258	N	148.184	W	7					45	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
	04	17 35 18.1*	10.473	S	124.172	E	33	N	3.7		0.9	8	TIMOR REGION, INDONESIA
	04	17 47 15.1&	60.514	N	152.778	W	0					86	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR).
	04	18 38 41.0*	14.721	N	52.456	E	22	D	3.9		1.3	13	EASTERN GULF OF ADEN
	04	18 40 42.4?	37.00	N	3.89	W	20	G			0.1	4	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	04	18 49 21.3	43.443	N	147.980	E	42	D	4.8	4.4	1.1	122	KURIL ISLANDS
	04	18 56 17.2%	44.388	N	7.340	E	10	G			0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
	04	19 01 46.2%	37.002	N	4.171	W	10	G			0.9	12	SPAIN. mbLg 3.0 (MDD).
	04	19 08 43.4*	0.905	S	127.078	E	60	G	4.4		1.2	24	HALMAHERA, INDONESIA
	04	19 51 29.5	41.142	N	34.249	E	10	G			1.0	6	TURKEY. MD 3.4 (ISK).
	04	19 56 40.0*	38.174	N	20.372	E	20	G			1.2	12	GREECE. ML 3.2 (THE). MD 3.1 (ATH).
	04	20 36 36.8&	35.743	N	117.629	W	5					12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	04	20 50 16.9	26.929	N	99.947	E	10	G	4.2		0.9	11	YUNNAN, CHINA. ML 3.9 (BJI).
	04	20 50 37.8	8.612	N	137.833	E	33	N	4.1		0.8	22	WESTERN CAROLINE ISLANDS
	04	20 56 38.8*	39.236	N	21.393	E	10	G			1.0	8	GREECE. ML 2.7 (THE).
	04	21 35 36.4?	44.46	N	149.60	E	33	N	4.2		0.6	7	KURIL ISLANDS
	04	22 03 32.3*	38.542	N	20.366	E	10	G	3.9		1.4	18	GREECE. MD 3.4 (ATH). ML 3.4 (THE).
	04	22 37 17.5%	33.082	S	71.370	W	50	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	04	22 50 07.1	53.030	N	166.568	W	33	N	4.5		0.8	65	FOX ISLANDS, ALEUTIAN ISLANDS
a	04	22 56 58.6	32.465	S	179.504	W	28	D	5.7	5.3	1.2	181	SOUTH OF KERMADEC ISLANDS. Mw 5.8 (GS), 5.9 (HRV). Ms 5.3 (BRK).
	04	22 57 49.1	26.968	N	100.099	E	10	G	4.6	4.2	1.1	48	YUNNAN, CHINA. ML 4.4 (BJI).
	04	23 01 41.4?	34.71	S	70.96	W	100	G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).

	04	23 04 58.2	44.837	N	149.418	E	33	N	4.3	4.3	0.9	31	KURIL ISLANDS
	04	23 15 53.0*	32.471	S	179.672	W	100	G	4.8		1.2	43	SOUTH OF KERMADEC ISLANDS
a	04	23 35 00.9	32.565	S	179.692	W	100	G	5.1		1.2	65	SOUTH OF KERMADEC ISLANDS. Mw 5.5 (HRV).
	04	23 36 01.8*	26.569	N	99.595	E	10	G			0.8	7	YUNNAN, CHINA. ML 3.2 (BJI).
	05	00 38 27.1&	40.447	N	125.538	W	3		3.2			73	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.9 (BRK), 3.7 (GS). Mo=1.6*10**15 Nm (BRK).
	05	00 54 05.4*	7.359	S	128.590	E	150	G	3.9		1.1	11	BANDA SEA
	05	01 42 10.5*	12.374	S	166.861	E	206	D	3.9		1.1	26	SANTA CRUZ ISLANDS
	05	01 50 46.4?	2.29	S	128.47	E	33	N	3.8		0.7	6	CERAM SEA
	05	01 55 36.3	55.285	N	156.440	W	20	G	4.9	4.3	0.9	173	SOUTH OF ALASKA. ML 4.9 (AEIC).
	05	03 02 03.5?	45.99	N	149.06	E	33	N	3.9		1.3	8	KURIL ISLANDS
	05	03 26 10.4	26.912	N	100.208	E	10	G	4.7		1.4	66	YUNNAN, CHINA. ML 4.4 (BJI).
	05	04 52 20.7*	0.874	N	119.830	E	33	N	4.7		1.0	14	MINAHASSA PENINSULA, SULAWESI
	05	05 07 08.2&	60.231	N	152.669	W	99					48	SOUTHERN ALASKA. <AEIC>.
	05	05 17 37.3*	36.544	N	7.111	W	10	G			0.8	12	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	05	05 42 23.8	40.136	N	21.667	E	10	G	3.5		1.3	35	GREECE. ML 3.8 (ATH), 3.2 (THE).
	05	06 07 27.3*	16.363	S	119.842	E	33	N	3.9		0.9	15	NORTHWEST OF AUSTRALIA
	05	06 26 19.9?	0.67	N	83.62	W	10	G	3.8		1.1	11	OFF COAST OF ECUADOR
	05	06 27 33.4*	0.771	N	83.562	W	10	G	3.9		0.9	11	OFF COAST OF ECUADOR
a	05	06 45 25.1	43.689	N	28.597	W	10	G	4.9	5.0	1.2	188	NORTHERN MID-ATLANTIC RIDGE. Mw 5.3 (HRV).
	05	06 59 22.2*	44.383	N	149.540	E	33	N	4.5	4.4	1.1	45	KURIL ISLANDS
	05	07 03 51.5	53.598	N	158.305	E	150	G	4.3		1.0	61	NEAR EAST COAST OF KAMCHATKA
	05	07 04 29.5?	54.02	N	158.04	E	150	G	3.6		0.7	6	KAMCHATKA
	05	07 07 07.3	33.750	S	71.299	W	33	N			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	05	08 28 13.7	35.671	N	58.395	E	33	N	4.8	4.3	1.0	131	NORTHERN IRAN. Felt at Kashmar and Neyshabur.
	05	08 46 11.6*	2.306	S	77.549	W	33	N	4.4		1.3	19	PERU-ECUADOR BORDER REGION. Felt in Morona-Santiago Province, Ecuador.
	05	08 57 45.4	23.909	N	121.909	E	33	N	4.3		1.4	26	TAIWAN
	05	09 18 51.3*	23.573	S	169.818	E	33	N	4.4		1.3	16	LOYALTY ISLANDS REGION
	05	09 33 29.1	65.598	N	134.128	W	10	G			1.0	8	NORTHERN YUKON TERRITORY, CANADA. ML 3.7 (PGC).
	05	10 00 29.0*	25.092	N	123.923	E	200	G	3.9		0.6	16	NORTHEAST OF TAIWAN
	05	10 25 17.9	28.685	N	142.553	E	33	N	4.8	4.3	1.0	88	BONIN ISLANDS REGION
	05	10 34 10.4&	58.650	N	155.534	W	137					71	ALASKA PENINSULA. <AEIC>.
	05	11 35 51.8*	12.182	S	75.453	W	80	G	4.2		0.9	13	CENTRAL PERU
	05	11 49 49.1	44.394	N	149.516	E	33	N	4.1		1.0	35	KURIL ISLANDS
	05	12 03 26.9&	38.363	N	29.499	E	10	G			0.5	7	TURKEY. MD 3.6 (ISK).
	05	12 16 52.0	18.862	N	95.664	E	33	N	4.3		1.0	37	MYANMAR
	05	12 25 28.2	39.317	N	21.462	E	10	G			1.4	18	GREECE. MD 3.4 (ATH). ML 3.4 (THE).
	05	13 03 16.5	7.096	S	128.702	E	100	G	4.7		1.2	27	BANDA SEA
	05	13 05 32.8&	63.654	N	149.516	W	125		2.8			85	CENTRAL ALASKA. <AEIC>.
	05	13 47 50.3*	3.119	S	127.679	E	33	N	4.0		1.2	12	SERAM, INDONESIA
	05	14 00 11.4*	6.989	S	112.952	E	150	G	4.2		1.3	22	JAWA, INDONESIA
	05	14 22 35.1	43.537	N	148.044	E	33	N	4.0		1.0	30	EAST OF KURIL ISLANDS
	05	14 23 20.6	37.879	N	19.673	E	20	G			0.9	25	IONIAN SEA. ML 3.8 (TTG), 3.6 (THE). MD 3.6 (ATH).
	05	14 36 04.9	21.124	N	96.995	E	33	N	4.1		1.1	31	MYANMAR
	05	15 12 28.3	19.533	N	64.345	W	33	N	4.2		1.1	40	VIRGIN ISLANDS
	05	15 16 27.4	40.856	N	34.846	E	10	G			1.3	11	TURKEY. MD 3.5 (ISK).
	05	15 48 59.3?	21.43	S	169.45	E	33	N	4.0		1.1	16	LOYALTY ISLANDS REGION
	05	16 19 53.2	43.486	N	147.967	E	33	N	4.8		1.1	100	KURIL ISLANDS
	05	16 24 45.5*	32.270	S	178.242	W	33	N	4.6		1.0	19	SOUTH OF KERMADEC ISLANDS
	05	16 41 52.5*	44.085	N	147.587	E	33	N	4.1		0.9	22	KURIL ISLANDS
	05	16 49 44.6	0.064	S	120.209	E	100	G	4.3		1.1	35	MINAHASSA PENINSULA, SULAWESI
	05	17 11 39.8*	43.745	N	147.820	E	33	N	4.2		1.2	30	KURIL ISLANDS
	05	18 09 27.6	7.022	S	155.785	E	100	*	4.1		0.8	35	SOLOMON ISLANDS
	05	18 22 58.0*	27.674	N	100.494	E	10	G	4.2		1.5	14	YUNNAN, CHINA
	05	18 34 53.2	30.181	S	77.174	E	10	G	5.0		1.1	46	MID-INDIAN RIDGE
	05	18 36 06.4?	33.85	S	178.52	E	300	G	3.8		1.5	8	SOUTH OF KERMADEC ISLANDS
	05	18 45 39.0	55.812	S	28.255	W	77	*	4.9		1.0	56	SOUTH SANDWICH ISLANDS REGION
	05	19 40 21.9	26.897	N	100.124	E	10	G	4.3		1.1	36	YUNNAN, CHINA. ML 4.2 (BJI).
	05	19 44 02.0	44.253	N	145.637	E	150	G	4.1		1.0	41	HOKKAIDO, JAPAN REGION
	05	20 02 13.1*	21.934	N	122.663	E	33	N	3.8		0.6	11	TAIWAN REGION
	05	20 08 04.2	48.946	N	154.895	E	33	N	4.4		1.1	63	KURIL ISLANDS
	05	20 09 06.5	38.672	N	20.438	E	10	G	3.7		1.4	28	GREECE. MD 3.4 (ATH). ML 3.3 (THE).
a	05	21 20 42.0	6.216	S	154.853	E	55	D	5.5		1.1	206	SOLOMON ISLANDS. Mw 5.6 (GS), 5.5 (HRV).
	05	21 35 48.8&	59.563	N	153.371	W	121					65	SOUTHERN ALASKA. <AEIC>.
	05	21 36 32.8&	65.034	N	148.585	W	24					18	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	05	22 27 16.2	8.630	N	137.823	E	33	N	4.4	4.1	0.8	31	WESTERN CAROLINE ISLANDS
	05	23 05 45.1	47.156	N	11.277	E	10	G			1.0	17	AUSTRIA. ML 2.6 (LDG), 2.1 (VIE). Felt (III) at Fulpmes.
	05	23 46 04.9*	27.123	N	140.275	E	400	G	3.9		0.9	29	BONIN ISLANDS REGION
	06	00 21 51.6&	60.475	N	151.913	W	64					49	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	01 42 32.4	27.003	N	100.202	E	10	G	4.3		1.0	30	YUNNAN, CHINA. ML 4.5 (BJI).
	06	01 56 13.3*	20.672	S	178.721	W	550	G	4.0		1.1	18	FIJI ISLANDS REGION
	06	02 27 45.5*	37.876	N	19.966	E	20	G	3.7		1.1	20	IONIAN SEA. MD 3.2 (ATH). ML 3.2 (THE).
	06	02 30 05.8&	26.319	S	27.494	E	5	G			0.7	9	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	06	02 36 14.1*	41.423	N	142.778	E	33	N	4.4		1.2	20	HOKKAIDO, JAPAN REGION
	06	02 36 53.9	39.291	N	26.687	E	10	G			0.7	7	TURKEY. MD 3.4 (ATH), 3.1 (ISK).
	06	02 37 21.1&	26.348	S	27.580	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	06	02 46 27.6	27.193	N	100.144	E	10	G	4.5		1.3	50	YUNNAN, CHINA. ML 4.5 (BJI).
	06	03 09 48.4*	31.649	S	179.051	E	450	G	4.5		1.3	22	KERMADEC ISLANDS REGION
	06	04 12 15.3?	29.14	S	69.57	W	100	G			0.4	5	CHILE-ARGENTINA BORDER REGION
	06	04 44 54.7&	37.812	N	30.819	E	10	G			0.5	7	TURKEY. MD 3.2 (ISK).
	06	05 00 06.3*	26.418	N	99.554	E	10	G			1.4	8	YUNNAN, CHINA. ML 3.3 (BJI).
	06	05 07 15.7*	11.160	N	92.264	E	24	D	4.3		0.2	8	ANDAMAN ISLANDS, INDIA
	06	05 16 54.0*	27.103	N	140.204	E	450	G	4.0		0.8	17	BONIN ISLANDS REGION
	06	05 31 55.9	43.746	N	128.156	W	10	G	3.3		0.7	52	OFF COAST OF OREGON
	06	05 39 59.5	43.100	N	126.421	W	10	G	4.2		1.0	71	OFF COAST OF OREGON
	06	06 06 57.9	51.615	N	16.154	E	10	G			0.9	17	POLAND. ML 3.4 (GRF), 3.1 (VIE), 3.0 (MOX).
	06	06 47 14.4&	10.073	N	67.757	W	20	G			0.9	5	NEAR COAST OF VENEZUELA
	06	07 14 30.0	6.582	N	125.452	E	216		4.4		1.0	59	MINDANAO, PHILIPPINE ISLANDS
	06	07 33 00.8?	4.31	S	127.83	E	33	N	4.5		1.2	8	BANDA SEA
a	06	07 36 13.7	27.191	N	100.284	E	10	G	5.3	4.9	1.1	153	YUNNAN, CHINA. Mw 5.5 (HRV).
	06	08 10 51.5*	28.456	S	68.756	W	100	G			0.8	13	LA RIOJA PROVINCE, ARGENTINA

	06	08 47 10.8	44.190	N	151.077	E	33	N	4.6		1.2	61	EAST OF KURIL ISLANDS
	06	09 44 24.7*	7.030	N	73.272	W	150	G	3.6		0.8	10	NORTHERN COLOMBIA
	06	10 07 57.6*	28.399	S	175.940	W	33	N	4.6		1.2	39	KERMADEC ISLANDS REGION
	06	10 19 10.7	16.369	N	61.860	W	10	G			0.6	9	LEEWARD ISLANDS. ML 2.7 (FDF). MD 2.4 (TRN).
	06	10 51 06.8	7.065	S	128.756	E	100	G	4.3		1.1	21	BANDA SEA
a	06	10 56 13.5	2.914	S	138.822	E	30	D	5.1	4.2	0.9	74	IRIAN JAYA, INDONESIA. Mw 5.1 (HRV).
	06	11 10 28.4&	59.821	N	153.480	W	123					53	SOUTHERN ALASKA. <AEIC>.
	06	11 30 24.0&	62.081	N	150.892	W	61					54	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	11 41 46.4	40.734	N	21.636	E	10	G			1.1	25	GREECE. MD 3.2 (ATH). ML 3.1 (TTG), 3.0 (TIR), 2.9 (THE).
	06	12 32 40.9&	27.868	S	26.712	E	5	G			1.4	11	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
	06	12 38 16.2	35.737	N	65.377	E	33	N	4.3		1.3	34	HINDU KUSH REGION, AFGHANISTAN
	06	12 42 55.8	38.522	N	23.551	E	10	G			1.3	10	GREECE. ML 3.2 (THE), 3.2 (ATH).
	06	12 46 02.6	27.881	S	26.732	E	5	G			1.2	14	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
	06	13 30 16.2	26.372	S	27.459	E	5	G			0.7	8	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	06	14 18 45.1*	26.993	N	100.233	E	10	G	3.9		0.4	5	YUNNAN, CHINA. ML 3.4 (BJI).
	06	15 10 28.2	42.513	N	97.542	W	5	G			1.1	14	NEBRASKA. mbLg 3.6 (GS). Felt (V) at Bloomfield, Brunswick, Coleridge and Creighton; (IV) at Center, Crofton, Plainview, St. Helena, Verdigre and Winnetoon; (III) at Belden, Foster, Hadar, Hartington, Madison, McLean, Neligh, Osmond, Pierce, Randolph, Wausa and Wynot. Aslo felt at Burbank, Vermillion and Yankton, South Dakota.
	06	15 16 50.8	0.944	N	120.076	E	33	N	4.7		1.0	28	MINAHASSA PENINSULA, SULAWESI
	06	15 31 16.7	9.254	S	158.527	E	33	N	3.7		0.7	24	SOLOMON ISLANDS
	06	16 08 36.7	43.981	N	103.729	W	5	G			1.2	20	SOUTH DAKOTA. mbLg 3.7 (GS). Felt (V) at Custer, (IV) at Hill City and Rochford, (III) at Nemo and (II) at Keystone. Felt (IV) at Four Corners, Wyoming. Also felt at Newcastle, Wyoming.
	06	16 28 58.4*	4.323	S	104.631	E	200	G	4.2		1.0	23	SOUTHERN SUMATERA, INDONESIA
	06	17 13 04.5?	44.58	N	149.01	E	33	N	4.2		1.3	13	KURIL ISLANDS
	06	17 13 55.8	35.691	N	65.429	E	33	N	4.2		1.2	40	HINDU KUSH REGION, AFGHANISTAN
	06	17 32 36.9*	43.054	N	0.328	W	10	G			0.3	5	PYRENEES. ML 2.1 (STR).
a	06	17 58 57.7	0.986	N	120.115	E	33	N	5.4	5.1	1.1	140	MINAHASSA PENINSULA, SULAWESI. Mw 5.7 (HRV).
	06	18 00 33.0*	39.692	N	19.720	E	10	G			1.4	7	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH). ML 2.9 (THE).
	06	18 10 48.9&	40.579	N	29.024	E	10	G			0.8	5	TURKEY. MD 2.7 (ISK).
	06	18 14 28.4?	17.44	S	179.07	W	600	G	4.2		0.7	9	FIJI ISLANDS REGION
	06	18 44 45.1*	30.922	S	71.692	W	33	N			0.9	17	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	06	19 17 15.4*	27.190	N	99.237	E	10	G	3.0		0.5	5	YUNNAN, CHINA. ML 3.3 (BJI).
	06	19 30 31.4	32.026	N	138.398	E	340		3.7		0.8	29	SOUTH OF HONSHU, JAPAN
	06	20 08 57.8	27.233	N	100.456	E	10	G	5.2		1.1	136	YUNNAN, CHINA. ML 4.7 (BJI).
	06	20 11 02.0&	26.339	S	27.467	E	5	G			0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	06	20 14 27.4	43.416	N	146.816	E	63	D	4.9		0.9	139	KURIL ISLANDS
	06	20 38 04.1?	26.90	S	70.88	E	10	G	3.6		1.1	5	SOUTH INDIAN OCEAN
	06	21 26 36.1&	44.641	N	7.221	E	10	G			0.4	6	NORTHERN ITALY. ML 1.5 (GEN).
	06	21 32 02.7&	60.322	N	151.243	W	44					61	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	21 55 41.5	37.412	N	26.764	E	5	G			0.8	9	DODECANESE ISLANDS. MD 3.7 (ATH), 3.3 (ISK). ML 3.7 (THE).
	06	23 01 28.2?	3.53	S	129.80	E	33	N	4.0		0.8	8	SERAM, INDONESIA
	06	23 08 30.3	34.097	N	25.395	E	10	G	4.2		1.4	31	CRETE. MD 4.1 (ATH).
	06	23 10 23.6*	36.724	S	95.777	W	10	G	4.5		1.1	21	WEST CHILE RISE
	06	23 57 25.2&	40.341	N	124.281	W	35					30	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
	07	00 18 04.5&	27.949	S	26.720	E	5	G			1.1	8	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	07	00 33 33.0	37.164	N	78.130	E	33	N	3.9		1.2	29	SOUTHERN XINJIANG, CHINA. ML 4.2 (BJI).
	07	00 55 04.8	42.083	N	19.988	E	10	G			1.1	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TIR).
	07	01 09 25.2*	26.857	N	99.963	E	10	G	3.9		1.5	10	YUNNAN, CHINA. ML 3.6 (BJI).
	07	01 12 21.1?	34.81	S	70.86	W	100	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
a	07	01 33 18.7	35.921	N	136.574	E	42	D	5.1	4.6	1.1	201	WESTERN HONSHU, JAPAN. Mw 5.1 (HRV). Ms 4.5 (BRK). Felt (IV JMA) at Kaga.
	07	01 37 25.8*	35.882	N	139.984	E	50	G	4.1		1.0	8	NEAR S. COAST OF HONSHU, JAPAN
	07	01 43 12.0?	23.40	S	179.36	E	650	G	4.2		1.2	24	SOUTH OF FIJI ISLANDS
a	07	02 54 31.6	14.853	S	177.272	W	33	N	4.7	4.9	1.1	74	FIJI ISLANDS REGION. Mw 5.2 (HRV).
	07	02 54 48.2	51.858	N	105.096	E	33	N	4.3		1.1	28	LAKE BAYKAL REGION, RUSSIA. Felt (VI) at Listvyanka; (V) at Irkutsk; (IV) at Kabansk, Shelekhov, Slyudyanka and Ust-Ordynskiy; (II) at Arshan and Talaya.
	07	03 43 58.8*	48.400	N	7.708	E	10	G			0.3	6	FRANCE. ML 1.8 (LDG), 1.3 (STR).
	07	03 53 44.6	27.723	N	140.077	E	494	*	3.7		0.7	19	BONIN ISLANDS REGION
	07	04 20 51.2	11.372	S	119.008	E	33	N	4.6		1.2	35	SOUTH OF SUMBA, INDONESIA
	07	04 30 30.3&	44.386	N	7.342	E	10	G			0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
	07	05 07 56.1	42.960	N	102.997	E	10	G	4.9	4.0	0.9	97	MONGOLIA. ML 5.2 (BJI).
	07	05 27 56.4?	22.59	S	179.54	W	650	G	3.6		0.9	13	SOUTH OF FIJI ISLANDS
	07	05 57 32.2	42.070	N	21.402	E	10	G			0.8	25	NORTHWESTERN BALKAN REGION. MD 3.1 (ATH). ML 3.1 (TTG), 2.9 (SKO), 2.9 (THE). Felt (IV) in the Skopje area.
	07	06 33 54.4*	24.084	S	66.865	W	200	G	3.8		1.3	10	SALTA PROVINCE, ARGENTINA
	07	06 47 25.0*	28.361	S	66.520	W	150	G			0.3	7	CATAMARCA PROVINCE, ARGENTINA
	07	07 19 40.6	26.772	N	100.259	E	10	G	4.8	4.3	1.3	71	YUNNAN, CHINA. ML 4.6 (BJI).
	07	07 31 33.7	31.869	S	69.551	W	120	G			0.6	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
a	07	07 57 18.1	1.019	N	120.187	E	14	G	5.6	5.6	1.2	202	MINAHASSA PENINSULA, SULAWESI. Mw 6.1 (GS), 6.0 (HRV). Me 5.7 (GS). Felt at Tolitoli. Depth from broadband displacement seismograms.
	07	08 14 21.6*	6.186	N	125.690	E	33	N	4.1		1.0	17	MINDANAO, PHILIPPINE ISLANDS
	07	08 21 15.7*	40.415	N	140.962	E	100	G	3.8		1.4	14	EASTERN HONSHU, JAPAN
	07	08 59 44.6*	38.429	N	20.480	E	10	G			1.2	6	GREECE. MD 2.9 (ATH). ML 2.9 (THE).
	07	09 07 57.7*	1.157	N	120.451	E	33	N	4.3		1.3	19	MINAHASSA PENINSULA, SULAWESI
	07	09 15 58.3?	45.96	N	150.30	E	33	N	3.7		1.2	8	KURIL ISLANDS
	07	09 27 45.7*	4.995	S	150.176	E	100	G	4.0		0.8	10	NEW BRITAIN REGION, P.N.G.
	07	09 39 23.8	41.307	N	29.398	E	10	G			0.6	9	TURKEY. MD 2.7 (ISK).
	07	09 53 07.9&	61.307	N	152.262	W	2					82	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	10 14 30.7&	37.108	N	4.028	W	10	G			0.3	8	SPAIN. mbLg 2.8 (MDD).
	07	10 57 00.2	29.596	N	80.490	E	50	*	4.2		1.4	37	NEPAL-INDIA BORDER REGION
	07	11 58 00.2*	29.043	N	142.929	E	33	N	4.3		1.0	14	SOUTH OF HONSHU, JAPAN
	07	12 27 06.0	38.487	N	39.233	E	10	G	4.4		1.1	45	TURKEY. MD 4.7 (ISK). Felt in the Cungus area.

07	12	34	39.2?	33.74	S	178.58	W	50	G	4.5	0.6	8	SOUTH OF KERMADEC ISLANDS
07	13	07	59.1&	26.829	S	26.750	E	5	G		0.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
07	13	27	13.2*	34.850	N	140.812	E	72	*	4.0	0.7	10	NEAR EAST COAST OF HONSHU, JAPAN
07	13	41	20.9&	40.480	N	124.704	W	17				34	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.7 (BRK).
07	13	43	11.3	37.285	N	71.929	E	100	G	4.2	0.5	21	AFGHANISTAN-TAJIKISTAN BORD REG.
07	13	58	23.7?	9.42	S	113.32	E	33	N	3.5	0.7	7	SOUTH OF JAWA, INDONESIA
07	15	29	23.3	26.890	N	100.090	E	10	G	4.3	1.5	33	YUNNAN, CHINA. ML 4.1 (BJI).
07	15	31	27.2*	38.285	N	38.897	E	10	G		1.0	12	TURKEY. MD 4.3 (ISK).
07	15	54	07.3?	31.71	S	68.77	W	100	G		0.4	6	SAN JUAN PROVINCE, ARGENTINA
07	16	12	48.7	4.871	N	127.714	E	159	*	4.6	0.8	70	TALAUD ISLANDS, INDONESIA
07	18	08	11.6?	6.84	S	129.69	E	100	G	3.9	1.4	8	BANDA SEA
07	18	18	11.7*	51.800	N	172.874	W	33	N	3.7	1.0	12	ANDREANOF ISLANDS, ALEUTIAN IS.
07	18	46	20.1*	31.249	S	68.218	W	100	G		1.3	8	SAN JUAN PROVINCE, ARGENTINA
07	18	53	09.9?	17.84	S	177.21	E	200	G	3.1	0.4	5	FIJI ISLANDS
07	19	28	08.4	0.993	N	120.176	E	33	N	4.8	0.8	37	MINAHASSA PENINSULA, SULAWESI
07	19	29	42.6	47.801	N	7.360	E	10	G		0.3	6	SWITZERLAND. ML 1.5 (LDG), 1.3 (STR).
07	21	04	28.6	26.769	N	100.185	E	10	G	4.6	1.1	18	YUNNAN, CHINA
07	21	19	06.7	55.265	N	156.479	W	20	G	5.6 5.1	1.0	313	SOUTH OF ALASKA. ML 5.7 (AEIC).
07	21	27	46.5	3.722	N	122.431	E	607		5.7	0.9	190	CELEBES SEA
07	21	31	36.3?	27.46	N	106.64	E	10	G	4.7	0.9	6	SOUTHEASTERN CHINA
07	21	36	46.3	45.324	N	149.892	E	43	G	6.3 7.0	1.1	642	KURIL ISLANDS. Mw 7.1 (GS), 7.2 (HRV). Me 6.7 (GS). Mo=7.4*10**19 Nm (OBN). Minor damage (V) on Iturup. Felt (V) at Yuzhno-Kurilsk, Kunashir. Also felt (V) on Simushir and Urup. Two events about 3.9 seconds apart. Depth from broadband displacement seismograms, based on first event.
07	21	38	05.6*	3.665	N	122.350	E	600	G	5.1	1.0	19	CELEBES SEA
07	21	54	48.9*	45.424	N	150.132	E	33	N	3.8	0.6	14	KURIL ISLANDS
07	22	13	30.0*	38.428	N	38.740	E	10	G		1.4	6	TURKEY. MD 3.8 (ISK).
07	22	42	48.7?	5.21	N	119.61	E	33	N	4.4	0.7	8	SULU ARCHIPELAGO
07	22	53	40.0	44.120	N	149.479	E	33	N	5.4 6.0	1.1	195	KURIL ISLANDS. Felt (II) at Kurilsk.
07	23	17	47.8*	20.675	S	69.041	W	120	G	3.8	1.3	8	NORTHERN CHILE
07	23	41	58.9	43.401	N	5.533	E	5	G		0.4	14	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR). Mining induced event in the Gardanne area.
07	23	57	54.4?	11.59	N	87.00	W	33	N	3.9	0.9	8	NEAR COAST OF NICARAGUA
08	00	20	40.4*	6.060	S	147.408	E	33	N	4.2	1.2	15	EASTERN NEW GUINEA REG., P.N.G.
08	00	29	49.7*	1.014	N	120.211	E	33	N	4.7	0.9	19	MINAHASSA PENINSULA, SULAWESI
08	00	55	57.0*	2.159	S	139.226	E	33	N	4.4	1.3	8	NEAR NORTH COAST OF IRIAN JAYA
08	01	50	29.8	43.418	N	126.876	W	10	G	4.2	0.7	100	OFF COAST OF OREGON
08	02	05	21.1?	37.09	N	24.23	W	10	G		0.6	10	AZORES ISLANDS REGION
08	02	05	46.1*	11.770	N	65.532	W	33	N		0.9	9	CARIBBEAN SEA
08	02	39	35.4*	49.331	S	7.829	W	10	G	4.6	0.8	12	SOUTHERN MID-ATLANTIC RIDGE
08	02	48	02.7&	63.206	N	150.886	W	17				57	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
08	02	59	53.8&	63.207	N	150.993	W	15				37	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
08	03	28	17.4?	53.87	S	122.53	W	10	G	4.0	0.2	7	SOUTHERN EAST PACIFIC RISE
08	03	33	12.5	40.710	N	29.725	E	10	G		1.1	11	TURKEY. MD 3.3 (ISK). Felt in the Izmit area.
08	03	49	09.9*	8.745	S	113.072	E	104	*	4.3	0.7	20	JAWA, INDONESIA
08	03	53	09.4	3.049	N	128.462	E	92	*	4.3	0.7	20	NORTH OF HALMAHERA, INDONESIA
08	04	09	56.0&	40.721	N	29.770	E	10	G		0.5	6	TURKEY. MD 2.6 (ISK).
08	04	28	31.8*	0.908	N	120.552	E	33	N	4.5 4.1	0.8	11	MINAHASSA PENINSULA, SULAWESI
08	04	38	24.3*	3.024	N	128.308	E	100	G	3.9	0.4	7	NORTH OF HALMAHERA, INDONESIA
08	04	51	14.9*	0.792	N	120.078	E	33	N	4.4	0.6	15	MINAHASSA PENINSULA, SULAWESI
08	04	59	46.8	41.277	N	140.022	E	48	*	4.2	1.1	36	HOKKAIDO, JAPAN REGION
08	05	11	01.9*	21.204	S	68.387	W	159	*	3.4	1.1	8	CHILE-BOLIVIA BORDER REGION
08	05	12	04.7	51.741	N	16.093	E	5	G		1.3	12	POLAND
08	06	19	09.8	63.483	N	131.333	W	10	G		1.4	30	SOUTHERN YUKON TERRITORY, CANADA
08	06	38	41.6*	13.635	N	89.796	W	71	*	3.8	1.1	29	EL SALVADOR
08	06	44	00.3	51.864	N	179.878	W	33	N	4.1	1.2	36	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
08	07	25	03.4*	53.271	N	143.317	E	33	N	3.6	0.8	12	SAKHALIN ISLAND
08	07	47	08.8*	55.200	N	156.257	W	33	N	4.1	1.3	26	SOUTH OF ALASKA
08	08	07	25.5&	26.582	S	64.832	W	50	G		0.8	7	TUCUMAN PROVINCE, ARGENTINA
08	08	39	14.4*	4.109	N	73.374	W	33	N	3.7	0.7	6	COLOMBIA
08	08	39	53.3*	43.516	N	149.287	E	33	N	4.0	1.1	14	EAST OF KURIL ISLANDS
08	08	44	08.7*	13.141	N	49.264	E	10	G	3.9	1.2	18	EASTERN GULF OF ADEN
08	08	46	29.2?	14.06	S	167.57	E	33	N	4.0	1.3	13	VANUATU ISLANDS
08	08	51	33.4?	43.95	N	149.32	E	33	N	4.0	1.3	9	EAST OF KURIL ISLANDS
08	09	47	15.7	2.328	N	126.481	E	33	N	4.8	0.9	58	NORTHERN MOLUCCA SEA
08	10	14	33.7?	1.97	S	142.03	E	33	N	3.5	1.2	5	NINIGO ISLANDS REGION, P.N.G.
08	11	37	57.4	29.832	S	71.883	W	33	N	3.9	1.2	30	NEAR COAST OF CENTRAL CHILE
08	11	44	56.1?	21.83	S	175.39	W	100	G	4.0	0.2	5	TONGA ISLANDS
08	12	17	24.9*	45.234	N	149.923	E	33	N	3.6	0.8	12	KURIL ISLANDS
08	12	52	21.1?	34.45	S	70.37	W	10	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
08	13	22	59.1*	0.909	N	120.141	E	33	N	4.5	1.1	22	MINAHASSA PENINSULA, SULAWESI
08	13	31	25.7	6.324	S	154.935	E	67	D	4.9	0.9	93	SOLOMON ISLANDS
08	13	44	32.9*	13.976	S	72.956	W	80	G	4.6	1.1	41	CENTRAL PERU
08	14	10	12.3?	9.96	S	73.89	W	18	D	4.1	0.7	7	PERU-BRAZIL BORDER REGION
08	14	17	13.5	36.431	N	70.888	E	200	G	3.8	0.8	25	HINDU KUSH REGION, AFGHANISTAN
08	14	29	06.2	50.450	N	18.897	E	5	G		0.9	9	POLAND. MG 3.2 (WAR).
08	14	31	06.5&	26.921	S	26.750	E	5	G		0.7	10	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
08	14	34	12.6&	59.422	N	152.992	W	87				40	SOUTHERN ALASKA. <AEIC>.
08	14	53	13.3	41.700	N	20.920	E	10	G		1.0	14	ALBANIA. ML 2.8 (TIR), 2.8 (SKO), 2.6 (TTG).
08	15	32	14.0*	11.909	S	43.962	E	10	G	4.2	1.1	17	NORTHWEST OF MADAGASCAR
08	15	54	01.1	23.835	N	93.328	E	33	N	4.3	1.4	26	MYANMAR-INDIA BORDER REGION
08	16	18	13.9?	8.09	S	129.16	E	100	G	3.5	0.7	6	TIMOR SEA
08	16	34	05.9*	53.823	N	159.291	E	33	N	3.7	0.8	14	NEAR EAST COAST OF KAMCHATKA
08	16	37	41.4&	26.386	S	27.310	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
08	16	40	42.4	42.251	N	7.706	W	10	G		0.6	7	SPAIN. mbLg 3.0 (MDD).
08	17	12	19.3?	22.53	S	114.34	W	10	G	4.1	1.1	10	EASTER ISLAND REGION
08	18	01	13.3*	32.167	S	70.366	W	100	G		1.0	16	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
08	18	20	03.7&	33.130	S	70.228	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
08	18	47	23.8?	11.58	N	86.19	W	33	N	3.6	1.4	7	NEAR COAST OF NICARAGUA
08	18	59	13.8	32.717	S	70.282	W	100	G		1.1	16	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).

	08	19	56	00.8	5.980	S	153.728	E	73	*	4.5	1.0	49	NEW IRELAND REGION, P.N.G.
	08	20	03	31.0	11.195	S	111.694	E	33	N	4.4	1.0	23	SOUTH OF JAWA, INDONESIA
	08	21	01	55.6%	44.673	N	7.347	E	10	G		0.2	6	NORTHERN ITALY. ML 1.8 (GEN).
	08	21	32	28.1*	44.180	N	129.030	W	10	G	3.0	0.5	36	OFF COAST OF OREGON
	08	21	35	12.2&	33.004	N	117.837	W	6	G			25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	08	21	38	21.5	23.437	N	94.675	E	124	D	4.6	1.0	60	MYANMAR-INDIA BORDER REGION
	08	22	01	50.5*	6.752	N	73.235	W	150	G	3.9	1.3	9	NORTHERN COLOMBIA
	08	22	11	35.7	0.641	N	26.058	W	10	G	4.7 4.6	0.9	85	CENTRAL MID-ATLANTIC RIDGE
	08	22	18	11.2?	5.68	S	130.66	E	33	N		1.3	6	BANDA SEA
	08	22	27	58.7	38.348	N	20.949	E	10	G	4.3	1.5	123	GREECE. ML 4.5 (TIR), 4.2 (TTG), 3.9 (THE). MD 4.1 (ATH). Felt at Mesolongion, Patrai and Pirgos. Also felt on Kefallinia and Zakinthos.
	08	22	30	59.8	38.341	N	21.008	E	10	G		0.9	6	GREECE. MD 3.1 (ATH). ML 3.1 (THE).
	08	22	46	39.8	26.830	N	100.175	E	10	G	4.4	1.5	50	YUNNAN, CHINA. ML 4.2 (BJI).
	08	23	11	40.5	3.585	N	122.214	E	300	G	4.1	0.7	19	CELEBES SEA
	08	23	56	07.8	38.222	N	21.038	E	10	G		1.5	8	GREECE. MD 3.0 (ATH). ML 3.0 (THE).
	08	23	57	51.2	5.905	N	125.832	E	122	*	4.8	1.1	46	MINDANAO, PHILIPPINE ISLANDS
	09	00	17	59.7	38.292	N	20.971	E	10	G	4.3	1.5	113	GREECE. ML 4.5 (TIR), 4.0 (THE). MD 4.1 (ATH). Felt at Mesolongion, Patrai and Pirgos. Also felt on Kefallinia and Zakinthos.
	09	00	23	08.2*	0.101	S	29.749	E	10	G	3.9	0.4	5	ZAIRE
	09	00	32	22.6	45.424	N	6.497	E	10	G		1.1	21	FRANCE. ML 2.4 (LDG), 2.4 (GEN).
	09	01	08	01.7?	34.02	N	81.93	E	33	N	3.6	1.1	7	XIZANG
	09	01	33	54.7	38.299	N	21.017	E	10	G		1.3	7	GREECE. MD 3.0 (ATH). ML 3.0 (THE).
	09	01	42	33.3*	38.321	N	21.072	E	10	G		0.6	5	GREECE. MD 2.7 (ATH). ML 2.6 (THE).
	09	02	01	29.2&	47.471	N	115.841	W	1		3.2		42	MONTANA. <BUT-P>. ML 3.5 (BUT). Rockburst in the Lucky Friday Mine near Mullan, Idaho.
	09	02	15	09.4*	0.975	N	100.388	E	200	G	3.8	1.0	13	NORTHERN SUMATERA, INDONESIA
	09	02	33	29.6*	31.785	S	57.968	E	10	G	4.8	1.0	34	SOUTHWEST INDIAN RIDGE
	09	02	51	44.4*	38.206	N	20.963	E	10	G		1.0	5	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	09	02	53	52.0?	45.53	N	150.06	E	33	N	3.8	1.1	9	KURIL ISLANDS
	09	03	39	53.3	43.726	N	6.379	E	10	G		0.4	6	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG), 1.9 (STR).
	09	04	17	34.4%	41.171	N	23.605	E	10	G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE).
a	09	04	20	32.2	31.822	S	57.874	E	10	G	5.1 5.2	1.1	91	SOUTHWEST INDIAN RIDGE. Mw 5.4 (HRV).
	09	04	40	09.0*	10.697	S	74.925	W	17	D	4.2	1.3	21	CENTRAL PERU
	09	04	46	40.8&	65.183	N	148.796	W	18				25	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).
	09	04	52	06.1	45.780	N	10.288	E	10	G		1.1	27	NORTHERN ITALY. ML 2.7 (LDG), 2.5 (VIE).
	09	05	13	28.7&	65.150	N	148.537	W	16				27	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	09	05	15	15.3*	31.868	S	57.952	E	10	G	4.3	0.9	13	SOUTHWEST INDIAN RIDGE
	09	06	28	26.5%	40.814	S	174.563	E	100	*		0.8	30	COOK STRAIT, NEW ZEALAND
	09	06	30	28.7?	33.56	S	69.87	W	20	G		1.0	7	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
	09	06	33	34.2	44.112	N	12.192	E	10	G		1.4	51	NORTHERN ITALY. MD 3.6 (FIR). ML 3.6 (LDG), 3.6 (VIE), 3.1 (ROM).
	09	06	40	51.8	15.666	S	177.182	W	33	N	4.8 5.0	1.0	46	FIJI ISLANDS REGION
	09	06	51	04.0	44.607	N	7.277	E	10	G		0.5	21	NORTHERN ITALY. ML 2.4 (GEN), 2.4 (LDG), 2.1 (STR).
	09	06	57	40.9*	15.555	S	177.304	W	33	N	4.2	0.8	14	FIJI ISLANDS REGION
	09	07	09	33.1	44.319	N	11.951	E	10	G		1.1	14	NORTHERN ITALY. ML 3.1 (LDG), 3.1 (VIE).
	09	07	09	34.6	41.839	N	23.046	E	10	G		0.9	12	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE). Felt in southwestern Bulgaria.
	09	07	15	01.8*	28.456	S	71.267	W	33	N	4.4	1.4	34	NEAR COAST OF CENTRAL CHILE
	09	07	55	02.6	6.329	N	126.871	E	207		4.7	0.9	92	MINDANAO, PHILIPPINE ISLANDS
	09	08	16	35.5*	34.528	N	32.161	E	20	G	3.6	1.1	11	CYPRUS REGION. ML 3.5 (CSS). Felt (III) at Paphos and Yeroskipos.
	09	08	30	15.2	18.030	N	67.148	W	10	G		0.7	13	MONA PASSAGE. MD 3.6 (MPR).
	09	08	31	52.8	40.508	N	23.419	E	10	G		0.5	9	GREECE. ML 2.2 (THE).
	09	08	50	43.4&	60.019	N	152.238	W	85				74	SOUTHERN ALASKA. <AEIC>.
	09	08	59	15.3	18.854	N	65.660	W	33	N	3.8	0.7	20	PUERTO RICO REGION. MD 3.8 (MPR).
	09	09	06	00.1	39.263	N	21.383	E	10	G		1.0	9	GREECE. MD 2.9 (ATH). ML 2.5 (THE).
	09	09	16	30.6	44.593	N	148.321	E	33	N	4.3	0.8	62	KURIL ISLANDS
	09	09	27	45.0	16.551	N	61.516	W	33	N		1.2	15	LEEWARD ISLANDS. ML 2.7 (FDF).
	09	10	44	00.6*	6.661	S	130.462	E	33	N	4.2	1.4	12	BANDA SEA
	09	10	55	23.4&	65.179	N	148.559	W	10				30	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
	09	11	15	15.3*	38.345	N	21.310	E	10	G		1.7	5	GREECE. MD 3.0 (ATH). ML 3.0 (THE).
	09	11	36	05.9	27.811	N	130.190	E	36	D	4.0	0.9	22	RYUKYU ISLANDS
	09	12	14	12.6&	34.372	N	116.463	W	1				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS). Felt at Yucca Valley.
	09	12	23	32.2*	44.778	N	150.518	E	33	N	3.9	1.2	24	EAST OF KURIL ISLANDS
	09	12	44	15.2?	15.19	S	173.76	W	33	N	4.4	1.2	26	TONGA ISLANDS
	09	12	52	55.1	45.105	N	150.119	E	33	N	4.7 4.1	0.9	100	KURIL ISLANDS
	09	13	07	33.9?	9.80	N	82.63	W	15	G		0.5	6	PANAMA-COSTA RICA BORDER REGION. MD 3.8 (UPA).
	09	13	09	45.9	4.728	N	126.907	E	58	*	4.4	0.9	30	TALAUD ISLANDS, INDONESIA
	09	15	35	33.8?	15.53	S	178.04	W	350	G	4.0	0.8	12	FIJI ISLANDS REGION
	09	15	37	33.2?	39.91	N	147.06	E	33	N	3.8	0.7	6	OFF EAST COAST OF HONSHU, JAPAN
	09	16	16	18.9?	16.59	N	95.89	W	70	G	3.4	1.0	6	OAXACA, MEXICO
	09	16	33	19.3%	26.364	S	27.386	E	5	G		0.7	12	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	09	17	11	04.8	34.314	N	23.959	E	33	N	4.5	1.3	134	CRETE. MD 4.2 (ATH). ML 4.2 (THE).
	09	17	29	06.3?	5.18	S	145.86	E	100	G	3.7	1.1	10	EASTERN NEW GUINEA REG., P.N.G.
	09	17	30	28.3	43.656	N	6.286	E	10	G		1.3	12	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG), 1.8 (STR).
a	09	17	33	54.2	6.000	S	146.629	E	69	D	5.6 5.7	1.0	227	EASTERN NEW GUINEA REG., P.N.G. Mw 6.0 (GS), 6.1 (HRV).
	09	17	49	02.6?	43.13	N	17.82	E	10	G		0.6	7	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	09	17	58	29.5	50.343	N	18.763	E	5	G		0.8	8	POLAND. MG 3.3 (WAR).
	09	18	14	17.2*	6.211	S	146.368	E	33	N	3.9	0.4	6	EASTERN NEW GUINEA REG., P.N.G.
	09	18	20	36.7*	6.062	S	146.546	E	33	N	3.6	1.0	11	EASTERN NEW GUINEA REG., P.N.G.
	09	18	42	58.7?	42.47	N	149.71	E	33	N	3.9	1.1	7	OFF COAST OF HOKKAIDO, JAPAN
	09	19	37	08.2?	5.87	S	146.35	E	33	N	3.8	0.4	7	EASTERN NEW GUINEA REG., P.N.G.
	09	20	04	46.8*	16.435	S	168.297	E	33	N	4.5	0.7	9	VANUATU ISLANDS
	09	20	11	26.0?	43.25	N	10.44	E	10	G		0.4	5	CENTRAL ITALY
	09	20	16	45.1?	47.97	N	147.40	E	400	G	3.5	1.2	11	NORTHWEST OF KURIL ISLANDS
	09	20	17	57.1	51.632	N	16.319	E	5	G		0.7	19	POLAND. ML 3.5 (VIE).
	09	21	49	13.8*	41.594	N	144.518	E	33	N	4.1	0.9	17	HOKKAIDO, JAPAN REGION
	09	21	52	35.5%	34.108	S	70.546	W	100	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	09	22	48	00.9	34.663	N	32.207	E	20	G	4.4	1.2	88	CYPRUS REGION. ML 4.0 (CSS), 4.0 (BHL), 4.0 (HLW). Felt (IV) at Paphos and (III) at Stroumbi and Yeroskipos.

09	23	52	57.9&	59.877	N	152.002	W	77				54	SOUTHERN ALASKA. <AEIC>.
10	00	01	04.2	3.203	N	95.824	E	33	D	4.5	0.9	31	OFF W COAST OF NORTHERN SUMATERA
10	00	17	12.0	33.318	S	70.470	W	80	G		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
10	01	06	36.7*	16.587	S	168.438	E	33	N	4.7	1.3	15	VANUATU ISLANDS
10	01	42	30.0*	35.953	N	71.279	E	100	G	4.0	1.1	15	PAKISTAN
10	02	21	48.3	5.107	S	144.883	E	72		4.5	1.1	41	NEW GUINEA, PAPUA NEW GUINEA
10	02	51	31.3?	54.15	N	163.59	W	33	N	3.7	0.9	7	UNIMAK ISLAND REGION
10	04	02	54.3	45.767	N	11.071	E	10	G		1.3	38	NORTHERN ITALY. ML 3.4 (STR), 3.1 (VIE), 3.0 (LDG). MD 3.0 (TRI).
10	04	08	10.2*	3.919	S	153.983	E	424	*	3.7	0.9	17	NEW IRELAND REGION, P.N.G.
10	04	35	41.0&	59.873	N	153.034	W	123		3.4		69	SOUTHERN ALASKA. <AEIC>.
10	05	51	51.3	44.371	N	7.335	E	10	G		0.4	20	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG), 1.6 (STR).
10	05	58	43.8?	30.31	N	59.01	E	10	G	3.8	1.3	5	NORTHERN IRAN. Felt at Zahedan.
10	06	04	17.7&	65.207	N	148.822	W	16				39	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
10	06	04	43.8&	65.095	N	148.681	W	16				6	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
10	06	27	37.6	44.347	N	7.332	E	10	G		0.7	17	NORTHERN ITALY. ML 2.1 (GEN), 1.8 (LDG), 1.5 (STR).
10	06	43	00.5*	45.134	N	150.171	E	33	N	3.7	1.0	13	KURIL ISLANDS
10	06	47	40.3	49.135	N	6.947	E	10	G		1.0	16	GERMANY. ML 3.0 (STR), 2.4 (UCC).
10	07	48	32.2*	15.029	N	92.973	W	85	*	3.8	1.3	20	MEXICO-GUATEMALA BORDER REGION
10	08	59	15.7?	21.59	N	143.05	E	300	G	3.8	0.5	7	MARIANA ISLANDS REGION
10	09	22	17.9*	14.315	N	146.909	E	33	N	4.2	1.0	23	MARIANA ISLANDS
10	09	35	21.3*	6.595	S	129.686	E	33	N	4.2	1.3	7	BANDA SEA
10	10	13	00.9*	16.014	N	61.025	W	33	N		0.2	5	LEEWARD ISLANDS. MG 2.6 (FDF).
10	11	01	08.4&	37.284	N	3.022	W	10	G		0.3	7	SPAIN. mbLg 2.3 (MDD).
10	11	38	30.4	43.660	N	6.301	E	10	G		1.1	10	NEAR SOUTH COAST OF FRANCE. ML 1.7 (LDG), 1.6 (STR).
10	11	39	07.9&	26.871	S	26.741	E	5	G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
10	12	17	05.0*	60.918	S	57.493	W	10	G	4.7	1.4	28	SOUTH SHETLAND ISLANDS
10	12	17	29.6?	3.53	S	150.99	E	33	N	3.7	1.3	9	NEW IRELAND REGION, P.N.G.
10	12	48	04.8*	31.202	N	131.518	E	33	N	4.0	1.2	12	KYUSHU, JAPAN
10	12	55	22.2&	64.910	N	148.516	W	29				26	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
10	14	09	12.4	36.571	N	71.204	E	150	G	3.6	0.9	22	AFGHANISTAN-TAJIKISTAN BORD REG.
10	14	21	56.5	7.855	S	123.919	E	267	*	4.5	1.1	42	BANDA SEA
10	14	34	05.4*	40.823	N	142.510	E	33	N	4.3	1.0	7	NEAR EAST COAST OF HONSHU, JAPAN
10	16	06	11.4*	27.481	N	143.144	E	33	N	3.9	1.2	9	BONIN ISLANDS REGION
10	17	12	13.1*	3.636	S	139.207	E	50	G	4.0	1.1	13	IRIAN JAYA, INDONESIA
10	17	26	39.3*	22.530	S	169.559	E	60	G	4.5	1.4	34	LOYALTY ISLANDS REGION
10	18	09	47.4*	36.146	N	70.811	E	150	G	3.2	0.3	9	HINDU KUSH REGION, AFGHANISTAN
10	18	20	41.8*	63.604	N	155.601	W	10	G		1.3	6	CENTRAL ALASKA. ML 3.2 (PMR).
10	18	59	29.6&	26.414	S	27.427	E	5	G		0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
10	19	18	22.1?	11.67	N	87.81	W	33	N	4.0	1.5	10	NEAR COAST OF NICARAGUA
10	19	22	13.7	46.458	N	13.247	E	10	G		1.4	13	AUSTRIA. MD 2.5 (LJU). ML 2.2 (VIE).
10	20	19	27.1&	40.641	N	29.884	E	10	G		0.8	5	TURKEY. MD 2.6 (ISK).
10	20	41	08.0	39.329	N	20.426	E	5	G		1.4	8	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 3.0 (THE).
10	21	56	13.2&	64.679	N	149.354	W	21				43	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
10	21	56	56.2*	14.570	N	55.905	E	10	G	4.0	1.2	14	ARABIAN SEA
10	22	06	30.9?	4.81	N	127.86	E	33	N	3.9	1.5	5	TALAUD ISLANDS, INDONESIA
10	22	10	24.2*	64.468	N	17.771	W	10	G	3.2	1.0	5	ICELAND
10	22	22	24.2	45.804	N	27.730	W	10	G	4.5 3.7	0.9	43	NORTHERN MID-ATLANTIC RIDGE
10	22	57	02.3&	59.756	N	152.170	W	66				51	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
10	23	09	16.7	7.309	S	129.724	E	35		4.5	0.8	68	BANDA SEA
10	23	59	11.7*	53.749	N	165.891	W	33	N	3.7	1.3	10	FOX ISLANDS, ALEUTIAN ISLANDS
11	00	06	49.7?	41.71	N	141.44	E	33	N	4.1	1.3	12	HOKKAIDO, JAPAN REGION
11	00	17	37.2?	45.28	N	150.34	E	33	N	3.8	0.7	6	KURIL ISLANDS
11	01	32	19.8*	55.379	N	164.147	W	154	*	3.8	1.1	18	UNIMAK ISLAND REGION
11	01	39	13.6?	17.88	N	102.46	W	33	N	3.9	1.4	8	NEAR COAST OF MICHOACAN, MEXICO
11	02	24	53.7?	32.07	N	139.40	E	117	?	4.0	1.0	14	SOUTH OF HONSHU, JAPAN
11	03	13	58.9*	3.988	N	128.032	E	95	*	4.6	1.0	25	NORTH OF HALMAHERA, INDONESIA
11	03	50	22.2*	13.741	S	166.917	E	100	G	4.4	1.2	50	VANUATU ISLANDS
11	03	55	22.5?	34.18	S	71.81	W	20	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
11	04	13	45.9*	45.237	N	150.441	E	33	N	3.9	0.7	13	KURIL ISLANDS
11	04	31	02.5	2.287	N	128.665	E	33	N	4.4	1.0	29	HALMAHERA, INDONESIA
11	04	59	01.2&	42.155	N	19.649	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
11	06	02	44.7&	26.889	S	26.774	E	5	G		1.1	10	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
11	06	05	29.1*	10.920	N	42.558	W	10	G	4.4	1.0	18	NORTHERN MID-ATLANTIC RIDGE
11	06	29	11.6*	18.332	N	67.391	W	33	N		0.5	6	MONA PASSAGE. MD 2.2 (MPR).
11	06	58	57.6	42.792	N	145.368	E	33	N	4.7 3.9	0.9	87	HOKKAIDO, JAPAN REGION
11	07	43	30.2	40.680	N	29.996	E	10	G		0.6	8	TURKEY. MD 2.8 (ISK).
11	08	43	31.5*	27.484	N	101.240	E	33	N	4.4	1.1	11	SICHUAN, CHINA
11	09	02	33.6*	0.908	S	12.724	W	10	G	4.7	0.7	11	NORTH OF ASCENSION ISLAND
a 11	09	28	49.7	45.355	N	150.529	E	33	N	5.3 4.6	0.8	238	KURIL ISLANDS. Mw 5.1 (HRV).
11	09	30	20.5*	48.258	N	6.194	E	10	G		1.2	6	FRANCE. ML 1.7 (LDG), 1.5 (STR).
11	09	46	40.2&	60.213	N	153.318	W	143		3.6		104	SOUTHERN ALASKA. <AEIC>.
11	09	51	31.1&	60.126	N	152.854	W	115				47	SOUTHERN ALASKA. <AEIC>.
11	09	51	43.0*	3.512	S	140.120	E	33	N	4.5	1.3	12	IRIAN JAYA, INDONESIA
11	11	01	16.3&	35.846	N	24.086	E	33	N		1.0	5	CRETE. MD 3.2 (ATH).
11	11	14	27.5	40.748	N	27.577	E	10	G		1.3	13	TURKEY. MD 3.1 (ISK).
11	11	56	35.3	24.270	N	95.141	E	147	D	4.3	0.6	24	MYANMAR
11	12	27	27.3?	30.16	S	70.34	W	100	G		0.8	6	CHILE-ARGENTINA BORDER REGION
11	12	48	41.7&	61.652	N	146.709	W	18				61	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.2 (PMR).
11	13	03	53.3*	17.485	S	12.962	W	10	G	4.7 5.2	1.0	14	SOUTHERN MID-ATLANTIC RIDGE
11	13	04	06.0&	59.676	N	153.060	W	123		4.1		114	SOUTHERN ALASKA. <AEIC>.
11	13	38	07.8*	3.558	S	128.178	E	100	G	4.1	0.7	11	SERAM, INDONESIA
11	13	57	31.4?	39.60	N	29.48	E	10	G		0.9	5	TURKEY. MD 2.6 (ISK).
11	14	46	53.2	50.644	N	89.695	E	33	N	4.4	1.1	70	RUSSIA-MONGOLIA BORDER REGION
11	14	54	46.0?	6.72	S	149.91	E	33	N	4.1	1.2	12	NEW BRITAIN REGION, P.N.G.
11	14	56	17.2	5.574	S	151.761	E	63		4.4	1.0	37	NEW BRITAIN REGION, P.N.G.
11	15	29	43.0&	65.138	N	148.586	W	11				18	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
11	15	55	49.1	35.402	N	26.441	E	62		3.4	1.0	35	CRETE. MD 3.9 (ATH), 3.6 (ISK).
11	17	05	08.8*	2.519	N	127.811	E	33	N	4.3	1.2	13	NORTHERN MOLUCCA SEA
11	17	15	33.2?	7.50	N	137.13	E	33	N	3.5	1.1	8	WESTERN CAROLINE ISLANDS
11	17	22	09.2	5.159	S	153.962	E	126	D	4.1	1.0	20	NEW IRELAND REGION, P.N.G.
11	17	29	11.9&	61.700	N	150.106	W	38				51	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).

	11	17	36	36.9	44.028	N	10.005	E	10	G		1.0	20	NORTHERN ITALY. ML 2.9 (STR), 2.8 (GEN), 2.7 (LDG).
	11	17	41	18.6*	35.958	N	78.597	E	33	N	4.0	0.9	13	EASTERN KASHMIR
	11	17	51	09.1*	49.093	N	8.495	E	10	G		0.8	5	GERMANY. ML 2.1 (LDG), 2.0 (STR).
	11	18	11	19.0	44.456	N	149.665	E	33	N	4.7 4.4	1.1	82	KURIL ISLANDS
	11	18	13	38.4&	43.439	N	148.681	E	33	N	4.0	1.4	14	EAST OF KURIL ISLANDS
	11	18	29	13.6	39.316	N	28.199	E	10	G		0.7	6	TURKEY. MD 2.9 (ISK).
	11	18	35	39.0	44.350	N	149.721	E	33	N	4.8 4.2	1.0	116	KURIL ISLANDS
	11	18	42	31.7&	38.322	S	48.352	E	10	G	3.6	1.1	8	SOUTHWEST INDIAN RIDGE
	11	18	48	46.6	45.388	N	150.293	E	33	N	4.0	0.8	33	KURIL ISLANDS
	11	19	41	02.5&	34.105	S	70.967	W	70	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	11	20	04	01.3?	45.59	N	151.16	E	33	N	3.6	0.7	8	KURIL ISLANDS
	11	20	04	55.0*	20.686	S	178.689	W	500	G	4.3	0.9	20	FIJI ISLANDS REGION
	11	20	16	56.5?	29.60	N	139.07	E	400	G	3.5	1.5	12	SOUTH OF HONSHU, JAPAN
	11	20	17	21.3?	36.67	N	29.18	E	10	G		0.1	4	TURKEY. MD 3.4 (ISK).
	11	20	46	10.3?	25.58	N	142.99	E	33	N	4.1	1.5	14	VOLCANO ISLANDS REGION
a	11	20	50	25.4	16.392	S	168.182	E	18	D	5.4 4.6	1.0	137	VANUATU ISLANDS. Mw 5.2 (HRV).
	11	20	55	47.7	45.948	N	6.727	E	10	G		0.9	10	FRANCE. ML 2.5 (STR), 2.3 (LDG).
	11	21	56	00.2?	37.78	N	27.25	E	10	G		1.0	5	TURKEY. MD 3.2 (ISK).
	11	22	39	12.7&	26.824	S	26.765	E	5	G		0.8	10	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	11	22	47	16.4*	1.928	N	128.418	E	33	N	4.5	1.3	23	HALMAHERA, INDONESIA
	11	22	50	13.7	2.335	N	129.122	E	33	N	4.5	0.9	32	HALMAHERA, INDONESIA
	11	23	03	41.1*	16.271	N	92.355	W	150	G	4.0	1.0	10	CHIAPAS, MEXICO
	11	23	24	23.8	44.262	N	149.793	E	33	N	4.3 4.2	1.1	51	KURIL ISLANDS
a	11	23	51	01.2	51.934	N	160.001	E	33	N	5.1 5.0	1.1	209	OFF EAST COAST OF KAMCHATKA. Mw 5.3 (HRV).
	12	00	30	33.2*	20.883	S	66.275	W	200	G	4.0	1.2	13	SOUTHERN BOLIVIA
	12	00	35	29.9*	16.175	S	168.240	E	33	N	4.1	1.4	11	VANUATU ISLANDS
	12	00	58	32.2*	55.467	N	162.338	E	33	N	4.0	0.7	13	NEAR EAST COAST OF KAMCHATKA
	12	01	37	56.6*	0.933	N	120.071	E	33	N	4.6	0.8	16	MINAHASSA PENINSULA, SULAWESI
	12	01	38	16.3*	31.220	S	68.212	W	100	G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	12	01	59	04.6&	62.084	N	148.855	W	49				95	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR).
	12	02	08	23.6&	62.000	N	153.056	W	0				39	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
	12	02	28	12.1	40.895	N	143.221	E	33	N	4.1	1.1	25	OFF EAST COAST OF HONSHU, JAPAN
	12	02	55	41.9&	59.623	N	146.961	W	12				43	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	12	02	57	28.6	28.545	N	35.445	E	10	G		0.9	13	WESTERN ARABIAN PENINSULA. ML 4.1 (JER), 4.0 (HLW). MD 3.8 (RYD).
a	12	02	58	53.7	45.249	N	150.303	E	33	N	5.5 5.0	0.8	329	KURIL ISLANDS. Mw 5.3 (HRV).
	12	05	09	27.0	19.394	S	169.192	E	33	N	4.9	1.2	83	VANUATU ISLANDS
	12	05	30	29.6&	62.121	N	153.346	W	4				34	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	12	06	10	50.7	40.057	N	21.741	E	10	G		1.0	13	GREECE. MD 3.0 (ATH). ML 2.6 (THE).
	12	06	16	11.8*	30.946	S	71.461	W	100	G	4.3	1.0	17	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	12	07	21	19.1	45.477	N	150.465	E	33	N	4.3	1.0	55	KURIL ISLANDS
	12	07	33	26.1*	36.159	S	72.040	W	67	*		0.8	21	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN). Felt (III) in the Chillan area.
a	12	09	08	07.9	11.044	S	118.670	E	8	G	5.9 5.8	1.4	249	SOUTH OF SUMBAWA, INDONESIA. Mw 6.0 (GS), 6.1 (HRV). Me 6.0 (GS). Mo=2.1*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	12	09	32	05.3	28.458	N	88.282	E	33	N	4.2	0.9	20	XIZANG. ML 4.2 (DMN).
	12	09	35	50.7*	12.149	S	119.226	E	33	N	4.1	1.1	8	SOUTH OF SUMBA, INDONESIA
	12	09	44	11.1*	11.869	S	119.340	E	33	N	4.0	1.1	8	SOUTH OF SUMBA, INDONESIA
	12	09	46	37.1*	45.838	N	146.933	E	33	N	4.1	1.2	17	KURIL ISLANDS
	12	10	12	05.6&	40.707	N	22.740	E	10	G		0.6	5	GREECE. ML 1.6 (THE).
	12	10	34	48.1&	34.207	N	117.638	W	3				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt at Upland.
	12	11	11	08.3*	33.800	S	68.613	W	15	G		0.9	14	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	12	11	21	03.6	63.328	N	131.085	W	10	G	2.4	1.2	7	SOUTHERN YUKON TERRITORY, CANADA
	12	11	43	40.2?	14.63	S	167.12	E	33	N	3.6	1.0	8	VANUATU ISLANDS
	12	11	46	11.9*	31.465	S	68.467	W	100	G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	12	12	09	46.6&	40.124	N	29.297	E	10	G		0.0	5	TURKEY. MD 2.5 (ISK).
	12	12	23	42.2?	33.81	S	70.41	W	110	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	12	13	00	24.9?	11.43	S	166.17	E	33	N	3.7	1.3	7	SANTA CRUZ ISLANDS
	12	13	13	58.3?	39.13	N	27.61	E	10	G		0.3	4	TURKEY. MD 2.7 (ISK).
	12	13	51	06.7	29.217	N	34.677	E	10	G		0.8	10	EGYPT. ML 4.1 (JER). MD 3.7 (RYD).
	12	13	54	00.9?	11.82	S	118.93	E	33	N	3.0	1.5	6	SOUTH OF SUMBAWA, INDONESIA
	12	14	00	33.5	37.674	N	21.904	E	10	G	3.7	1.5	15	SOUTHERN GREECE. MD 3.4 (ATH). ML 3.4 (THE).
	12	14	50	29.8	32.577	S	68.914	W	150	G		0.4	14	MENDOZA PROVINCE, ARGENTINA. MD 3.1 (SAN).
	12	14	54	32.7?	18.16	S	168.16	E	33	N	3.9	1.5	11	VANUATU ISLANDS
	12	15	11	14.1	11.303	S	118.614	E	33	N	4.4	1.2	30	SOUTH OF SUMBAWA, INDONESIA
	12	15	33	26.8&	40.124	N	29.372	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
	12	15	48	45.6	37.767	N	20.985	E	10	G		0.7	10	IONIAN SEA. MD 3.3 (ATH). ML 3.2 (THE).
	12	15	48	57.2	53.631	N	160.461	E	33	N	4.7	1.0	57	NEAR EAST COAST OF KAMCHATKA
	12	16	11	40.4?	28.67	N	34.58	E	10	G		0.2	4	EGYPT. MD 3.0 (RYD).
	12	16	31	53.1	43.818	N	7.447	E	10	G		1.1	42	NEAR SOUTH COAST OF FRANCE. ML 3.2 (STR), 3.0 (LDG).
	12	17	15	08.7?	3.92	S	152.03	E	33	N	3.6	0.9	6	NEW IRELAND REGION, P.N.G.
	12	17	20	28.2?	44.50	N	148.88	E	33	N	4.1	0.8	10	KURIL ISLANDS
	12	17	31	52.9*	46.274	N	27.632	W	10	G	4.1	0.9	13	NORTHERN MID-ATLANTIC RIDGE
	12	17	48	43.2?	28.89	N	34.61	E	10	G		0.4	4	EGYPT. MD 3.4 (RYD).
	12	18	23	46.5*	28.356	N	35.530	E	10	G	4.1	1.0	14	WESTERN ARABIAN PENINSULA. ML 4.2 (JER), 4.0 (HLW). MD 3.7 (RYD).
	12	18	28	59.4&	48.208	N	146.469	E	482	?	3.8	0.8	20	SEA OF OKHOTSK
	12	18	49	16.6?	34.68	N	93.15	E	33	N	3.9	1.5	10	QINGHAI, CHINA
	12	18	57	00.9	57.686	N	120.740	E	33	N	4.2	1.3	38	SOUTHEASTERN SIBERIA, RUSSIA
	12	19	02	50.4	43.805	N	7.399	E	5	G		0.8	27	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.2 (STR).
	12	19	04	46.8*	47.933	N	28.250	W	10	G	4.1 3.7	1.0	16	NORTHERN MID-ATLANTIC RIDGE
	12	19	24	41.4?	28.75	N	35.07	E	10	G		1.1	4	WESTERN ARABIAN PENINSULA. MD 2.5 (RYD).
	12	19	46	09.0	42.809	N	7.237	W	10	G		0.7	8	SPAIN. mbLg 3.0 (MDD).
	12	20	33	09.4*	42.840	N	7.209	W	10	G		1.4	8	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Sarria area.
	12	20	36	38.9?	29.07	N	35.06	E	10	G		0.9	4	WESTERN ARABIAN PENINSULA. MD 3.0 (RYD).
	12	20	39	54.3?	22.62	N	82.89	E	33	N		0.4	17	SOUTHERN INDIA. ML 4.3 (DMN).
	12	20	46	54.1	5.171	S	153.745	E	162	*	4.4	0.7	30	NEW IRELAND REGION, P.N.G.
	12	21	32	59.2&	60.010	N	152.648	W	95				66	SOUTHERN ALASKA. <AEIC>.
	12	22	05	41.2&	59.716	N	153.016	W	102				83	SOUTHERN ALASKA. <AEIC>.
	12	22	55	23.5&	42.606	N	19.124	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	12	23	12	18.7?	44.57	N	149.38	E	33	N	4.0	1.5	14	KURIL ISLANDS

12	23	21	02.3*	5.087	S	30.019	E	10	G	4.3	1.2	6	LAKE TANGANYIKA REGION
12	23	41	50.8*	10.447	N	94.181	E	33	N	3.9	0.9	9	ANDAMAN ISLANDS, INDIA
13	01	43	14.8&	65.842	N	134.884	W	10	G		1.4	8	NORTHERN YUKON TERRITORY, CANADA
13	02	25	17.9*	34.909	S	179.169	E	33	N	4.1	1.3	13	SOUTH OF KERMADEC ISLANDS
13	05	53	45.8	45.067	N	150.602	E	44	D	4.5	1.0	80	KURIL ISLANDS
13	06	59	27.9&	63.186	N	150.637	W	124				70	CENTRAL ALASKA. <AEIC>.
13	07	15	39.8?	35.27	N	24.45	E	10	G	3.1	1.5	5	CRETE. MD 3.5 (ATH).
13	08	01	59.1*	17.405	S	179.067	W	600	G	4.1	0.6	14	FIJI ISLANDS REGION
13	08	27	55.5?	39.17	N	27.50	E	10	G		0.1	4	TURKEY. MD 2.7 (ISK).
13	09	07	56.4	35.615	N	22.537	E	62		3.9	0.9	37	CENTRAL MEDITERRANEAN SEA. MD 4.0 (ATH).
13	09	12	55.9	40.839	N	28.808	E	10	G		0.2	9	TURKEY. MD 2.9 (ISK).
13	09	19	40.5?	18.62	N	146.51	E	33	N	3.9	0.8	9	MARIANA ISLANDS
13	09	33	58.5	7.042	S	153.327	E	33	N	4.6	1.2	26	NEW BRITAIN REGION, P.N.G.
13	09	38	51.9	39.301	N	28.727	E	10	G		0.6	10	TURKEY. MD 3.0 (ISK).
13	09	49	06.6&	40.616	N	124.290	W	19				19	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
13	10	41	29.3&	39.094	N	27.701	E	10	G		0.4	5	TURKEY. MD 2.7 (ISK).
13	11	37	57.3?	21.91	S	177.93	W	400	G	3.7	1.2	17	FIJI ISLANDS REGION
13	12	05	09.2&	30.703	N	36.092	E	10	G		0.9	10	DEAD SEA REGION
13	12	42	30.4&	39.112	N	27.562	E	10	G		0.6	5	TURKEY. MD 2.7 (ISK).
13	12	48	47.6&	45.530	N	119.607	W	2				60	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.9 (SEA).
13	13	23	04.6	35.629	N	71.267	E	150	G	3.9	0.7	20	PAKISTAN
13	14	10	26.6&	58.516	N	154.306	W	94		2.4		61	ALASKA PENINSULA. <AEIC>.
13	14	42	24.2&	39.131	N	27.634	E	10	G		0.1	5	TURKEY. MD 2.8 (ISK).
13	15	26	23.8&	26.384	S	27.385	E	5	G		0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
13	15	28	43.0	41.959	N	24.234	E	5	G		1.0	9	GREECE-BULGARIA BORDER REGION
13	16	08	41.8?	9.68	N	126.11	E	33	N	4.3	0.7	9	MINDANAO, PHILIPPINE ISLANDS
13	16	43	39.6	51.612	N	16.306	E	10	G		0.9	19	POLAND. ML 3.5 (VIE), 2.9 (MOX).
13	16	46	30.4*	79.427	N	3.107	E	10	G	4.5	1.2	5	GREENLAND SEA
13	17	21	37.4?	28.87	N	34.98	E	10	G		0.2	4	EGYPT. MD 3.2 (RYD).
13	17	41	38.0	55.556	N	158.548	W	43		4.2	0.8	51	ALASKA PENINSULA
13	17	42	58.1	5.938	S	146.711	E	33	N	4.5 4.3	1.2	36	EASTERN NEW GUINEA REG., P.N.G.
13	17	52	30.8	40.150	N	21.804	E	10	G		1.3	8	GREECE. ML 2.1 (THE).
13	17	57	32.8&	40.343	N	24.007	E	10	G		0.4	5	AEGEAN SEA. ML 2.3 (THE).
13	18	09	36.3*	10.431	N	94.208	E	33	N	4.0	1.2	13	ANDAMAN ISLANDS, INDIA
13	19	41	02.3?	36.02	S	97.35	W	10	G	4.0	1.5	6	WEST CHILE RISE
13	20	42	58.5?	28.07	N	51.66	E	33	N	4.0	0.5	7	SOUTHERN IRAN
13	21	56	48.5	39.477	N	28.824	E	10	G		0.4	9	TURKEY. MD 3.1 (ISK).
13	22	16	57.8&	58.134	N	151.431	W	25				35	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
13	22	56	10.8	18.797	N	68.977	W	10	G		0.4	13	MONA PASSAGE. MD 3.9 (MPR).
13	23	16	27.8	40.578	N	25.593	E	10	G		0.8	11	AEGEAN SEA. ML 2.8 (THE).
13	23	57	56.5	40.620	N	35.585	E	10	G		1.3	9	TURKEY. MD 3.3 (ISK).
14	00	17	43.1*	6.999	N	73.149	W	150	G	4.0	1.5	24	NORTHERN COLOMBIA
14	00	43	46.2&	44.780	N	6.531	E	5	G		1.0	8	FRANCE. ML 2.1 (LDG).
14	00	56	31.4*	41.876	N	140.757	E	100	G	3.8	0.9	21	HOKKAIDO, JAPAN REGION
14	01	06	43.8&	60.860	N	150.926	W	15				63	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
14	01	29	20.7	36.788	N	134.700	E	389		4.0	0.8	36	SEA OF JAPAN
14	01	30	04.6	11.778	N	120.446	E	33	N	4.1	0.8	22	PALAWAN, PHILIPPINE ISLANDS
14	01	33	48.9*	12.676	N	143.758	E	33	N	3.9	1.2	14	SOUTH OF MARIANA ISLANDS
14	01	35	49.4	40.716	N	30.026	E	10	G		0.5	14	TURKEY. MD 3.5 (ISK). Felt at Izmit.
14	01	52	24.2?	35.07	N	72.77	E	33	N	3.9	0.7	8	PAKISTAN
14	02	13	16.5	40.686	N	29.976	E	10	G		0.5	9	TURKEY. MD 2.9 (ISK).
14	02	26	43.7	46.508	N	8.017	E	10	G		0.8	7	SWITZERLAND. ML 2.3 (STR), 2.1 (LDG).
14	03	26	08.1?	40.68	N	29.99	E	10	G		0.5	4	TURKEY. MD 2.4 (ISK).
14	03	36	38.6	38.285	N	21.097	E	10	G		0.9	6	GREECE. ML 3.0 (THE). MD 2.9 (ATH).
14	03	37	31.9	43.291	N	17.542	E	10	G		1.1	24	NORTHWESTERN BALKAN REGION. MD 3.9 (TRI). ML 3.2 (TTG). Felt at Mostar, Bosnia and Herzegovina.
14	03	39	03.9*	44.288	N	7.510	E	10	G		0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
14	03	42	29.1&	64.900	N	151.010	W	58				11	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
14	03	46	36.4*	40.693	N	29.982	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
14	03	56	38.6?	5.00	S	153.84	E	33	N	4.1	0.9	9	NEW IRELAND REGION, P.N.G.
14	04	13	09.4*	40.677	N	29.975	E	10	G		0.4	5	TURKEY. MD 2.4 (ISK).
14	05	36	47.5?	6.42	S	145.10	E	33	N	4.1	0.9	7	NEW GUINEA, PAPUA NEW GUINEA
14	05	42	16.8?	13.85	S	14.59	W	10	G	4.8	1.3	13	SOUTHERN MID-ATLANTIC RIDGE
14	05	42	20.5&	26.366	S	27.429	E	5	G		0.5	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
14	05	53	40.3?	39.10	N	26.55	E	10	G		0.4	4	TURKEY. MD 2.9 (ISK).
14	05	57	23.6&	59.866	N	153.214	W	124		4.6		155	SOUTHERN ALASKA. <AEIC>. Felt (II) at Eagle River.
14	06	14	03.8?	44.87	N	150.41	E	33	N	3.6	1.0	6	EAST OF KURIL ISLANDS
14	06	15	28.6	7.307	S	147.829	E	77		4.4	0.9	34	EASTERN NEW GUINEA REG., P.N.G.
14	07	19	40.8&	60.580	N	4.974	E	10	G		0.6	5	SOUTHERN NORWAY. MD 1.7 (BER).
14	07	20	55.7	40.717	N	29.977	E	10	G		0.3	9	TURKEY. MD 2.8 (ISK).
14	07	41	38.7	40.441	N	23.101	E	10	G		1.4	8	GREECE. MD 2.9 (ATH). ML 2.4 (THE).
14	08	07	39.7&	42.913	N	19.422	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
14	09	10	40.9	51.162	N	179.240	W	33	N	4.1	0.9	29	ANDREANOF ISLANDS, ALEUTIAN IS.
14	09	37	56.5?	39.12	N	27.59	E	10	G		0.4	4	TURKEY. MD 2.8 (ISK).
14	09	40	14.4	38.439	N	7.959	W	10	G		0.6	15	PORTUGAL. mbLg 3.5 (MDD).
14	10	02	57.5?	39.15	N	27.61	E	10	G		0.7	4	TURKEY. MD 2.8 (ISK).
14	10	16	54.4	39.359	N	28.701	E	10	G		0.8	8	TURKEY. MD 2.9 (ISK).
14	11	16	28.5*	40.480	N	25.650	E	10	G		1.1	7	AEGEAN SEA. MD 2.8 (ATH). ML 2.8 (THE).
14	11	28	08.3	40.698	N	27.526	E	10	G		0.8	10	TURKEY. MD 3.2 (ISK).
14	11	39	06.8	45.263	N	150.845	E	33	N	4.7 4.1	0.8	98	KURIL ISLANDS
14	12	02	02.8?	39.09	N	27.62	E	10	G		0.5	4	TURKEY. MD 2.8 (ISK).
14	12	04	20.4?	7.28	S	129.26	E	150	G	3.7	1.1	11	BANDA SEA
14	13	38	52.0?	39.60	N	29.56	E	10	G		1.0	5	TURKEY. MD 2.6 (ISK).
14	13	47	26.3&	40.708	N	22.849	E	10	G		0.4	6	GREECE. ML 1.7 (THE).
14	14	18	38.0&	61.425	N	150.095	W	14				56	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
14	14	19	57.7*	36.371	N	8.200	W	10	G		1.3	5	WEST OF GIBRALTAR
14	14	28	48.2	57.937	N	142.709	W	10	G		0.6	27	GULF OF ALASKA. ML 2.7 (AEIC).
14	14	28	48.8&	40.388	N	124.060	W	10				31	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK), 3.0 (GS).
14	15	10	23.7*	4.802	S	153.268	E	75	*	3.7	1.0	14	NEW IRELAND REGION, P.N.G.
14	15	20	45.2	26.713	N	100.051	E	33	N	4.3	1.1	39	YUNNAN, CHINA. ML 4.1 (BJI).
14	16	22	28.1	42.959	N	126.274	W	10	G	3.4	1.0	57	OFF COAST OF OREGON
14	16	27	31.9	48.790	N	10.380	E	10	G		1.2	11	GERMANY. ML 3.0 (LDG), 2.9 (STR), 2.7 (VIE).

	14	18 36 23.9?	37.21	N	36.40	E	10	G			1.3	5	TURKEY. MD 3.3 (ISK).
	14	19 00 36.8	41.765	N	141.958	E	33	N	4.6	4.2	1.1	104	HOKKAIDO, JAPAN REGION
	14	19 10 34.2	38.227	N	29.673	E	10	G			0.8	10	TURKEY. MD 3.4 (ISK).
	14	19 13 20.8%	44.454	N	7.236	E	5	G			0.1	6	NORTHERN ITALY. ML 2.1 (GEN).
	14	19 22 44.0&	36.881	N	121.614	W	5					33	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	14	19 53 50.4&	45.541	N	118.623	W	4					25	OREGON. <SEA-P>. MD 2.6 (SEA).
	14	19 55 19.4?	11.73	S	165.34	E	33	N	3.4		1.4	7	SANTA CRUZ ISLANDS
	14	20 02 57.5&	36.882	N	121.615	W	6					54	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (GS).
	14	20 20 04.1%	38.177	N	4.182	W	10	G			1.1	11	SPAIN. mbLg 3.2 (MDD). Felt (III) in the epicentral area.
a	14	20 31 07.0	45.460	N	150.374	E	37	G	5.8	5.3	0.9	543	KURIL ISLANDS. Mw 5.8 (GS), 5.7 (HRV). Me 5.5 (GS). Ms 4.9 (BRK). Depth from broadband displacement seismograms.
	14	20 34 29.4?	56.62	S	142.13	W	10	G	4.9		1.4	16	PACIFIC-ANTARCTIC RIDGE
a	14	21 26 56.3	29.246	N	140.446	E	141	D	5.8		1.0	496	SOUTH OF HONSHU, JAPAN. Mw 5.7 (HRV). mb 6.0 (BRK).
	14	21 46 18.7*	16.208	N	97.838	W	33	N	4.4		1.3	43	OAXACA, MEXICO
	14	21 59 32.6	0.051	S	123.205	E	161	D	4.6		1.2	69	MINAHASSA PENINSULA, SULAWESI
	14	22 37 46.1?	16.38	N	90.78	W	100	G	4.1		1.5	8	MEXICO-GUATEMALA BORDER REGION
	14	23 59 47.9	43.107	N	0.043	W	10	G			0.8	13	PYRENEES. ML 3.1 (LDG), 2.7 (STR).
	14	23 59 51.6*	21.641	S	68.240	W	146	*	4.0		1.2	22	CHILE-BOLIVIA BORDER REGION
	15	00 00 55.9	46.348	N	2.128	E	5	G			0.8	13	FRANCE. ML 2.5 (LDG).
	15	00 38 33.9*	38.371	N	20.624	E	10	G			0.8	6	GREECE. MD 3.2 (ATH). ML 3.2 (THE).
a	15	00 45 53.7	51.246	N	179.411	W	33	N	5.6	5.1	0.9	390	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.6 (HRV). ML 5.4 (PMR). Ms 4.8 (BRK). Felt (III) on Adak.
	15	00 51 39.4?	28.79	N	34.56	E	10	G			0.5	4	EGYPT. MD 3.2 (RYD).
	15	00 53 28.4?	51.67	N	16.07	E	5	G			0.7	6	POLAND. ML 2.2 (MOX).
	15	00 57 20.5	11.126	S	118.793	E	33	N	4.7		1.2	32	SOUTH OF SUMBAWA, INDONESIA
	15	01 09 50.8?	26.76	N	99.74	E	33	N	4.4		1.2	7	YUNNAN, CHINA. ML 3.8 (BJI).
	15	01 11 34.0?	5.56	S	153.67	E	33	N	3.7		0.5	6	NEW IRELAND REGION, P.N.G.
	15	01 35 37.9?	16.93	S	178.64	W	450	G	4.2		0.5	10	FIJI ISLANDS REGION
	15	01 42 11.4*	38.763	N	26.352	E	10	G			1.1	5	AEGEAN SEA. MD 3.5 (ATH), 3.0 (ISK).
	15	01 55 23.8	49.169	N	150.658	E	350	G	3.8		0.7	19	NORTHWEST OF KURIL ISLANDS
	15	01 59 48.3	51.805	N	176.713	E	33	N	4.2		0.8	40	RAT ISLANDS, ALEUTIAN ISLANDS
	15	02 05 57.0	40.503	N	20.165	E	10	G			1.2	8	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH). ML 2.8 (TIR).
	15	02 10 23.7*	40.758	N	30.039	E	10	G			0.9	7	TURKEY. MD 3.1 (ISK).
	15	03 02 33.3	45.289	N	150.768	E	33	N	4.5		0.9	78	KURIL ISLANDS
	15	03 13 27.1	40.083	N	77.058	E	33	N	3.7		0.6	15	KYRGYZSTAN-XINJIANG BORDER REG.
	15	03 46 24.0%	26.189	S	28.187	E	5	G			0.7	9	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	15	03 50 25.0?	38.25	N	20.44	E	10	G			1.4	5	GREECE. MD 2.9 (ATH). ML 2.9 (THE).
	15	05 30 41.4*	31.658	S	68.546	W	100	G			0.9	9	SAN JUAN PROVINCE, ARGENTINA
	15	05 43 41.8	36.364	N	12.583	E	40		3.9		0.9	42	CENTRAL MEDITERRANEAN SEA. ML 4.2 (ROM).
	15	06 16 01.1?	32.30	S	178.74	W	33	N	4.7		1.4	14	SOUTH OF KERMADEC ISLANDS
	15	06 18 25.3%	26.194	S	28.177	E	5	G			0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	15	07 19 08.4	15.234	N	96.257	E	14	D	4.8		1.0	89	NEAR SOUTH COAST OF MYANMAR
	15	07 43 14.0%	38.587	N	31.399	E	10	G			0.4	6	TURKEY. MD 3.2 (ISK).
	15	07 48 58.9	39.176	N	21.817	E	10	G	3.7		1.5	32	GREECE. ML 3.4 (THE). MD 3.3 (ATH).
	15	08 07 38.5?	39.20	N	27.28	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	15	08 11 13.4?	39.15	N	27.64	E	10	G			0.1	4	TURKEY. MD 2.8 (ISK).
	15	08 34 52.8?	39.83	N	29.31	E	10	G			0.8	4	TURKEY. MD 2.6 (ISK).
	15	08 46 00.8?	39.83	N	29.31	E	10	G			0.8	4	TURKEY. MD 2.6 (ISK).
	15	09 40 47.0?	39.12	N	27.50	E	10	G			0.3	4	TURKEY. MD 2.7 (ISK).
	15	10 03 30.8?	39.09	N	27.56	E	10	G			0.0	4	TURKEY. MD 2.7 (ISK).
	15	10 36 58.1*	2.436	N	124.614	E	250	G	4.4		0.9	26	CELEBES SEA
	15	10 58 12.1%	38.116	N	4.232	W	10	G			0.5	9	SPAIN. mbLg 2.8 (MDD).
	15	11 09 33.3*	44.209	N	149.510	E	33	N	3.9		0.7	10	KURIL ISLANDS
	15	11 31 48.2	3.080	N	95.946	E	63	*	4.5		0.9	58	OFF W COAST OF NORTHERN SUMATERA
	15	11 53 39.8%	39.630	N	27.808	E	10	G			0.3	6	TURKEY. MD 3.0 (ISK).
	15	12 07 35.7?	38.88	N	28.44	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	15	13 00 32.1?	39.91	N	29.37	E	5	G			0.3	4	TURKEY. MD 2.6 (ISK).
	15	13 01 35.1*	39.364	N	20.485	E	10	G			0.2	5	GREECE-ALBANIA BORDER REGION. ML 2.3 (THE).
	15	13 55 49.2%	10.216	N	67.742	W	33	N			0.6	5	NEAR COAST OF VENEZUELA
	15	14 32 16.5*	38.366	N	20.453	E	10	G			1.1	5	GREECE. MD 3.0 (ATH). ML 2.9 (THE).
	15	14 53 45.9	0.324	N	126.096	E	33	N	4.6		1.0	32	NORTHERN MOLUCCA SEA
	15	14 59 27.7?	39.87	N	29.47	E	10	G			0.5	4	TURKEY. MD 2.6 (ISK).
	15	15 49 42.1?	39.58	N	27.91	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	15	16 07 26.5*	5.062	S	150.744	E	249	*	4.0		0.9	21	NEW BRITAIN REGION, P.N.G.
	15	16 34 05.6&	37.622	N	118.879	W	9					32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.2 (BRK).
	15	16 46 16.6	12.123	N	125.741	E	33	N	4.3		0.6	23	SAMAR, PHILIPPINE ISLANDS
	15	17 01 10.7?	34.59	S	71.52	W	70	G			0.3	7	NEAR COAST OF CENTRAL CHILE
	15	17 06 03.7&	65.969	N	148.027	W	21					11	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	15	17 26 44.9?	29.09	N	35.03	E	10	G			1.0	4	WESTERN ARABIAN PENINSULA. MD 2.8 (RYD).
	15	17 28 29.7	12.074	N	125.725	E	97	*	4.8		1.2	77	SAMAR, PHILIPPINE ISLANDS
	15	18 49 59.5*	44.194	N	2.042	E	10	G			1.5	8	FRANCE. ML 2.0 (LDG), 1.8 (STR).
	15	18 56 45.2?	40.75	N	27.95	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	15	18 57 58.6	6.816	S	129.526	E	155	?	4.7		1.1	31	BANDA SEA
	15	19 18 52.1	12.050	N	125.680	E	33	N	4.4		0.8	29	SAMAR, PHILIPPINE ISLANDS
	15	19 35 55.6	20.455	S	68.587	W	126	D	4.1		1.1	37	CHILE-BOLIVIA BORDER REGION
	15	19 59 00.7*	36.681	N	9.964	W	33	N			1.2	11	WEST OF GIBRALTAR. mbLg 3.2 (MDD). MD 3.1 (RBA).
	15	20 06 02.0	47.489	N	12.068	E	10	G			1.4	20	AUSTRIA. ML 2.8 (FUR), 2.7 (VIE).
	15	20 11 21.8&	37.625	N	118.873	W	8					20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (GS).
	15	20 16 11.8&	37.628	N	118.878	W	8					70	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.7 (BRK), 3.7 (GS). Mo=4.5*10**14 Nm (BRK).
	15	20 29 34.6&	37.619	N	118.875	W	10					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.9 (GS).
	15	20 57 45.4*	21.299	S	178.632	W	600	G	4.0		0.9	21	FIJI ISLANDS REGION
	15	21 14 06.2*	9.114	N	126.715	E	33	N	4.2		1.0	26	MINDANAO, PHILIPPINE ISLANDS
	15	21 18 59.0	32.630	S	69.945	W	120	G			0.9	14	MENDOZA PROVINCE, ARGENTINA. MD 3.1 (SAN).
	15	22 42 17.1	15.110	N	61.337	W	158		4.4		0.6	58	LEEWARD ISLANDS. MD 4.6 (TRN).
	15	22 46 32.7&	40.423	N	126.358	W	17		3.4			47	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.9 (BRK).

	15	22 49 04.4	40.083	N	21.639	E	10	G			0.8	6	GREECE. ML 2.3 (THE).
	15	23 47 51.5?	38.60	N	27.66	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	15	23 56 23.0&	34.350	N	118.695	W	14					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS). Felt.
	16	00 20 54.8&	32.769	N	115.452	W	8					24	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	16	00 24 38.8*	24.081	S	178.950	E	550	G	4.8		1.2	52	SOUTH OF FIJI ISLANDS
	16	00 33 48.0%	27.888	S	26.751	E	5	G			0.9	10	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	16	01 17 13.2	35.368	N	32.608	E	10	G			1.5	6	CYPRUS REGION. MD 3.5 (ISK). ML 3.3 (CSS). Felt in northern Cyprus.
	16	01 29 52.8	36.839	N	5.414	W	10	G			1.2	12	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	16	02 03 29.5%	28.017	S	26.807	E	5	G			0.9	12	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	16	02 13 09.1	25.559	N	123.646	E	200	G	4.0		0.8	31	NORTHEAST OF TAIWAN
	16	02 33 56.1?	28.75	N	34.47	E	10	G			0.6	4	EGYPT. MD 3.0 (RYD).
	16	02 50 53.3?	26.89	N	56.39	E	33	N	4.1		1.1	16	SOUTHERN IRAN
	16	03 00 54.3?	43.78	N	7.30	E	10	G			0.7	4	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	16	03 02 23.5	28.634	N	91.934	E	33	N	4.4		1.3	30	XIZANG. ML 4.5 (DMN).
	16	03 27 24.3%	26.368	S	27.467	E	5	G			1.0	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	16	03 43 48.6	40.061	N	24.779	E	10	G			0.6	16	AEGEAN SEA. ML 3.4 (THE).
	16	04 15 43.6	7.286	S	128.479	E	100	G	4.0		0.9	22	BANDA SEA
	16	04 37 47.8	40.711	N	30.020	E	10	G			0.8	8	TURKEY. MD 3.1 (ISK).
	16	04 57 57.9	38.913	N	20.653	E	10	G			1.1	23	GREECE. ML 3.2 (THE). MD 3.2 (ATH).
	16	05 46 54.1*	31.650	S	68.293	W	33	N			1.1	6	SAN JUAN PROVINCE, ARGENTINA
	16	05 52 56.0	44.547	N	8.582	E	10	G			1.0	20	NORTHERN ITALY. ML 2.5 (STR), 2.4 (GEN), 2.4 (LDG).
	16	06 20 53.4%	44.629	N	8.471	E	10	G			0.3	5	NORTHERN ITALY. ML 1.9 (GEN).
	16	07 39 55.5*	28.702	S	67.579	W	134	?			1.2	9	LA RIOJA PROVINCE, ARGENTINA
	16	07 50 50.0&	37.619	N	118.874	W	9					27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	16	09 24 19.0*	17.977	N	102.401	W	33	N	4.0		1.1	16	NEAR COAST OF MICHOACAN, MEXICO
a	16	09 44 58.4	1.496	S	15.279	W	11	G	6.2	6.4	1.1	465	NORTH OF ASCENSION ISLAND. Mw 6.5 (GS), 6.6 (HRV). Me 6.9 (GS). Mo=6.3*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	16	09 59 23.2&	58.717	N	139.271	W	23					12	OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	10 48 36.6*	43.417	N	17.661	E	10	G			0.9	8	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	16	10 49 16.3?	3.03	S	130.97	E	33	N	4.2		0.9	8	SERAM, INDONESIA
a	16	11 34 31.1	15.282	S	173.218	W	33	N	5.3	5.6	1.3	149	TONGA ISLANDS. Mw 6.0 (HRV). Ms 5.5 (BRK).
	16	11 48 47.9*	27.800	S	67.252	W	150	G			1.3	10	CATAMARCA PROVINCE, ARGENTINA
	16	12 10 17.1?	38.92	N	26.89	E	10	G			1.0	4	AEGEAN SEA. MD 2.7 (ISK).
	16	13 01 23.1	2.675	N	128.432	E	171	*	4.5		0.9	42	HALMAHERA, INDONESIA
	16	13 56 50.0	44.505	N	149.693	E	33	N	4.1	3.9	1.0	31	KURIL ISLANDS
	16	14 14 43.8?	39.10	N	27.49	E	10	G			1.1	4	TURKEY. MD 2.9 (ISK).
	16	15 06 36.8%	26.363	S	27.325	E	5	G			0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).
a	16	15 22 58.8	37.353	N	142.380	E	41	G	6.3	6.2	1.1	627	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.7 (GS), 6.7 (HRV). Me 6.7 (GS). Ms 5.8 (BRK). Mo=1.2*10**19 Nm (PPT). Several people slightly injured in the epicentral area. Felt (IV JMA) at Fukushima, Ichinoseki, Ishinomaki, Mito, Morioka, Ofunato, Sendai and Shirakawa. Felt at Tokyo. Also felt on the Izu Peninsula and on Hokkaido. Depth from broadband displacement seismograms.
	16	15 32 49.0?	43.80	N	7.50	E	10	G			1.0	6	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG), 1.5 (STR).
	16	16 23 57.0	39.376	N	20.548	E	10	G			1.5	13	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH). ML 2.8 (THE).
	16	16 25 07.6	4.452	S	129.186	E	33	N	4.5		1.3	33	BANDA SEA
	16	16 53 41.6	15.760	N	93.605	W	111		4.3		1.2	46	NEAR COAST OF CHIAPAS, MEXICO
	16	16 57 28.1	26.949	N	100.126	E	59	*	4.3		1.1	13	YUNNAN, CHINA
	16	17 40 08.8?	19.17	N	66.46	W	60	G			0.5	13	PUERTO RICO REGION. MD 3.6 (MPR).
	16	18 09 41.9?	11.34	N	61.91	W	33	N			0.5	4	WINDWARD ISLANDS. MD 3.3 (TRN).
	16	18 20 46.7	17.798	S	167.797	E	29	D	4.9	4.7	1.1	87	VANUATU ISLANDS
	16	18 48 41.5&	37.629	N	118.886	W	9					52	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 3.0 (GS).
	16	19 21 59.4	47.427	N	152.192	E	133		4.6		1.0	136	KURIL ISLANDS
	16	19 39 45.1*	3.633	S	144.557	E	33	N	4.2		1.2	17	NEAR N COAST OF NEW GUINEA, PNG.
	16	19 55 46.5	45.127	N	7.366	E	10	G			1.4	30	NORTHERN ITALY. ML 2.7 (GEN), 2.5 (LDG), 2.4 (STR).
	16	20 10 18.9?	24.53	S	179.80	W	550	G	4.3		1.2	12	SOUTH OF FIJI ISLANDS
	16	20 49 59.9*	17.894	S	167.790	E	33	N	4.0		1.5	20	VANUATU ISLANDS
	16	21 38 16.9	45.442	N	150.461	E	33	N	4.6		0.7	80	KURIL ISLANDS
	16	21 40 04.8	31.127	N	51.082	E	33	N	4.3		1.3	47	NORTHERN IRAN
	16	21 59 40.6*	14.610	N	91.495	W	100	G	3.5		1.1	10	GUATEMALA
	16	22 36 06.9*	14.312	N	91.007	W	100	G	4.0		1.0	18	GUATEMALA
	16	22 43 52.3	41.707	N	142.079	E	33	N	4.6		1.2	95	HOKKAIDO, JAPAN REGION
	17	00 17 05.7&	59.868	N	153.490	W	132		3.1			90	SOUTHERN ALASKA. <AEIC>.
	17	00 51 42.7?	12.25	N	85.86	W	33	N	4.0		1.4	16	NICARAGUA
	17	01 03 48.2&	37.621	N	118.878	W	9					93	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.7 (GS), 3.6 (BRK).
	17	01 38 08.7*	4.253	N	96.592	E	33	N	3.8		1.5	9	NORTHERN SUMATERA, INDONESIA
	17	02 04 12.7&	37.618	N	118.877	W	10					28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	17	02 06 17.9	26.964	N	141.021	E	100	G	4.5		1.1	66	BONIN ISLANDS REGION
	17	02 25 40.9*	6.558	N	92.775	E	33	N	3.8		0.9	14	NICOBAR ISLANDS, INDIA
	17	02 43 39.4*	23.035	S	69.402	E	10	G	4.7	4.2	1.5	47	MID-INDIAN RIDGE
	17	02 49 31.3	34.017	N	132.480	E	33	N	3.5		0.2	8	WESTERN HONSHU, JAPAN
	17	02 55 33.2	36.124	N	70.417	E	159	*	4.0		1.1	36	HINDU KUSH REGION, AFGHANISTAN
a	17	03 26 41.7	3.158	N	147.715	E	22	D	5.4	4.6	0.9	128	E. CAROLINE ISLANDS, MICRONESIA. Mw 5.1 (HRV).
	17	04 34 59.1%	34.346	S	71.118	W	60	G			0.1	8	NEAR COAST OF CENTRAL CHILE
	17	05 27 27.9?	38.19	N	20.65	E	10	G			1.5	5	GREECE. MD 3.0 (ATH).
	17	05 36 51.5?	8.51	S	159.04	E	33	N	3.4		1.1	5	SOLOMON ISLANDS
	17	05 37 53.1	40.207	N	21.644	E	5	G			0.5	10	GREECE. ML 2.4 (THE).
	17	05 42 45.3%	43.660	N	42.647	E	10	G	3.8		1.4	9	NORTHWESTERN CAUCASUS
a	17	05 59 30.5	0.891	S	136.952	E	33	N	6.5	8.1	1.3	370	IRIAN JAYA REGION, INDONESIA. Mw 8.1 (GS), 8.2 (HRV). Me 7.7 (GS). Ms 7.8 (BRK). Mo=9.0*10**20 Nm (PPT). At least 108 people killed, 423 injured, 58 missing, 5,043 houses destroyed or damaged in the epicentral area. Extensive damage on Biak and Supiori from the tsunami,

which reached heights of 7 meters in many areas. Also damage along the north coast of Irian Jaya from Manokwari to Sarmi. Complex earthquake, with at least two larger events occurring about 12 and 18 seconds after the onset, observed on broadband displacement seismograms.

17	06	09	30.5?	0.26	S	135.99	E	33	N	5.0		1.2	6	IRIAN JAYA REGION, INDONESIA
17	06	10	15.8*	0.837	S	136.735	E	33	N	5.3		1.1	14	IRIAN JAYA REGION, INDONESIA
17	06	14	42.4?	0.65	S	136.41	E	33	N	4.7		1.0	11	IRIAN JAYA REGION, INDONESIA
17	06	17	50.1	1.131	S	136.652	E	33	N	5.2		1.0	54	IRIAN JAYA REGION, INDONESIA
17	06	28	04.3?	1.53	S	136.38	E	33	N	3.7		1.5	7	IRIAN JAYA REGION, INDONESIA
17	06	31	14.0?	0.30	S	135.63	E	33	N	4.6		1.0	6	IRIAN JAYA REGION, INDONESIA
17	06	33	55.2	0.740	S	136.569	E	33	N	5.5		0.9	86	IRIAN JAYA REGION, INDONESIA
17	06	36	03.5?	1.65	S	136.40	E	33	N			1.3	8	IRIAN JAYA REGION, INDONESIA
17	06	41	57.8?	0.71	S	136.23	E	33	N	4.3		1.1	5	IRIAN JAYA REGION, INDONESIA
17	06	44	28.7?	0.80	S	136.99	E	33	N	4.7		0.6	5	IRIAN JAYA REGION, INDONESIA
17	06	47	39.8*	0.565	S	135.247	E	33	N	4.9		1.2	12	IRIAN JAYA REGION, INDONESIA
17	06	48	21.5	0.905	S	136.462	E	33	N	5.1		1.0	27	IRIAN JAYA REGION, INDONESIA
17	06	51	35.9*	0.889	S	136.645	E	33	N	4.7		1.3	23	IRIAN JAYA REGION, INDONESIA
17	06	53	09.7*	0.742	S	136.305	E	33	N	4.7		1.0	13	IRIAN JAYA REGION, INDONESIA
17	06	53	49.9?	0.49	S	135.44	E	33	N	3.8		0.6	5	IRIAN JAYA REGION, INDONESIA
17	06	57	44.1*	0.820	S	137.213	E	33	N	4.8		1.3	11	IRIAN JAYA REGION, INDONESIA
17	06	59	56.9?	26.14	N	90.69	E	50	G	4.3		0.5	5	NORTHEASTERN INDIA. Felt at Shillong.
17	07	02	43.4?	0.77	S	135.75	E	33	N	4.8		0.8	6	IRIAN JAYA REGION, INDONESIA
17	07	03	41.9	0.966	S	136.816	E	33	N	4.8		1.1	26	IRIAN JAYA REGION, INDONESIA
17	07	06	23.0?	0.95	S	136.55	E	33	N	3.5		0.4	5	IRIAN JAYA REGION, INDONESIA
17	07	09	00.9*	1.026	S	136.723	E	33	N	4.6		1.5	21	IRIAN JAYA REGION, INDONESIA
17	07	11	40.7%	0.822	S	136.742	E	33	N	4.6		0.7	11	IRIAN JAYA REGION, INDONESIA
17	07	12	47.8?	1.00	S	136.49	E	33	N	4.3		0.6	6	IRIAN JAYA REGION, INDONESIA
17	07	16	02.6*	1.476	S	137.352	E	33	N	4.2		1.2	9	NEAR NORTH COAST OF IRIAN JAYA
17	07	18	12.1	17.378	S	167.915	E	33	N	4.6		1.1	36	VANUATU ISLANDS
17	07	22	10.2%	0.649	S	135.658	E	33	N	4.1		0.8	9	IRIAN JAYA REGION, INDONESIA
17	07	25	41.6	0.665	S	135.389	E	33	N	4.7		0.9	38	IRIAN JAYA REGION, INDONESIA
17	07	29	03.3*	0.740	S	136.747	E	33	N	4.5		1.1	11	IRIAN JAYA REGION, INDONESIA
17	07	30	17.2*	0.838	S	136.590	E	33	N	3.8		1.2	12	IRIAN JAYA REGION, INDONESIA
17	07	32	11.1*	0.896	S	136.503	E	33	N	4.4		1.4	14	IRIAN JAYA REGION, INDONESIA
17	07	35	05.4*	0.753	S	136.194	E	33	N	4.4		1.3	12	IRIAN JAYA REGION, INDONESIA
17	07	37	28.4*	0.880	S	136.800	E	33	N	4.5		1.0	10	IRIAN JAYA REGION, INDONESIA
17	07	44	34.6*	0.721	S	136.906	E	33	N	4.7		0.7	11	IRIAN JAYA REGION, INDONESIA
17	07	49	15.2?	1.20	S	136.68	E	33	N	4.2		1.5	9	IRIAN JAYA REGION, INDONESIA
17	07	50	43.8*	1.511	S	136.734	E	33	N	4.6		1.2	16	IRIAN JAYA REGION, INDONESIA
17	07	54	21.4?	0.71	S	136.49	E	33	N	4.4		1.1	7	IRIAN JAYA REGION, INDONESIA
17	08	03	17.1?	0.64	S	135.70	E	33	N	4.4		1.0	9	IRIAN JAYA REGION, INDONESIA
17	08	14	52.9?	0.79	S	136.66	E	33	N	4.2		1.1	8	IRIAN JAYA REGION, INDONESIA
17	08	17	16.4	0.939	S	137.188	E	33	N	5.5		1.2	135	IRIAN JAYA REGION, INDONESIA
17	08	18	46.2?	39.11	N	27.60	E	10	G			0.1	4	TURKEY. MD 2.7 (ISK).
17	08	23	31.8?	1.46	S	135.97	E	33	N	4.4		1.1	5	IRIAN JAYA REGION, INDONESIA
17	08	29	57.4*	0.945	S	136.693	E	33	N	4.3		0.7	8	IRIAN JAYA REGION, INDONESIA
17	08	32	30.5	1.087	S	136.824	E	33	N	4.8		0.9	45	IRIAN JAYA REGION, INDONESIA
17	08	37	34.8?	0.79	S	136.80	E	33	N	4.5		1.2	7	IRIAN JAYA REGION, INDONESIA
17	08	39	40.5?	0.92	S	135.55	E	33	N	4.4		1.5	7	IRIAN JAYA REGION, INDONESIA
17	08	40	42.1*	0.990	S	136.464	E	33	N	4.7		1.1	15	IRIAN JAYA REGION, INDONESIA
17	08	42	10.2	0.837	S	136.588	E	33	N	5.4	6.0	1.0	119	IRIAN JAYA REGION, INDONESIA
17	08	45	06.4?	1.09	S	136.51	E	33	N	4.3		1.5	7	IRIAN JAYA REGION, INDONESIA
17	08	46	22.9	1.030	S	136.876	E	33	N	4.9		1.1	67	IRIAN JAYA REGION, INDONESIA
17	08	50	54.7?	1.24	S	137.28	E	33	N	4.2		1.0	6	NEAR NORTH COAST OF IRIAN JAYA
17	08	51	43.8	1.181	S	136.639	E	33	N	4.7		0.8	31	IRIAN JAYA REGION, INDONESIA
17	08	53	19.7?	0.70	S	137.40	E	33	N			1.0	8	IRIAN JAYA REGION, INDONESIA
17	08	54	58.2	1.210	S	136.766	E	33	N	5.2	5.8	1.2	95	IRIAN JAYA REGION, INDONESIA
17	08	58	16.5?	0.89	S	136.58	E	33	N	3.6		1.5	8	IRIAN JAYA REGION, INDONESIA
17	08	59	35.6?	0.93	S	136.65	E	33	N	4.2		1.1	8	IRIAN JAYA REGION, INDONESIA
17	09	01	15.9*	0.907	S	136.548	E	33	N	4.9		1.0	19	IRIAN JAYA REGION, INDONESIA
17	09	03	00.2?	0.99	S	137.18	E	33	N	4.2		0.8	7	IRIAN JAYA REGION, INDONESIA
17	09	07	15.6?	0.86	S	137.05	E	33	N	4.1		1.3	8	IRIAN JAYA REGION, INDONESIA
17	09	08	43.9*	0.863	S	136.262	E	33	N	4.7		1.2	13	IRIAN JAYA REGION, INDONESIA
17	09	14	18.3?	0.81	S	136.89	E	33	N	4.5		1.5	11	IRIAN JAYA REGION, INDONESIA
17	09	18	49.8%	1.425	S	137.058	E	33	N	4.2		1.2	9	NEAR NORTH COAST OF IRIAN JAYA
17	09	25	28.8?	0.68	S	136.55	E	33	N	4.3		1.0	9	IRIAN JAYA REGION, INDONESIA
17	09	33	07.3	0.805	S	136.510	E	33	N	5.0		1.1	71	IRIAN JAYA REGION, INDONESIA
17	09	43	56.3?	0.75	S	137.19	E	33	N	4.2		1.3	8	IRIAN JAYA REGION, INDONESIA
17	09	50	58.1?	0.20	S	136.88	E	33	N	4.2		1.2	8	IRIAN JAYA REGION, INDONESIA
17	09	56	33.3*	1.062	S	136.867	E	33	N	4.1		1.0	17	IRIAN JAYA REGION, INDONESIA
17	09	57	56.0	46.749	N	10.742	E	10	G			0.8	12	NORTHERN ITALY. ML 2.3 (VIE).
17	10	18	02.8	6.945	S	125.194	E	532	D	5.8		0.9	287	BANDA SEA
17	10	23	49.3	14.210	N	91.174	W	96		5.1		1.0	174	GUATEMALA. Felt (III) at San Salvador, El Salvador.
17	10	28	20.7*	1.248	S	136.410	E	33	N	4.4		0.6	12	IRIAN JAYA REGION, INDONESIA
17	10	32	59.1*	0.663	S	136.556	E	33	N	4.7		1.0	18	IRIAN JAYA REGION, INDONESIA
17	10	35	16.6*	1.193	S	136.766	E	33	N	4.6		1.1	12	IRIAN JAYA REGION, INDONESIA
17	10	39	10.5*	0.809	S	137.146	E	33	N	4.5		0.9	16	IRIAN JAYA REGION, INDONESIA
17	10	44	58.4?	0.99	S	136.60	E	33	N	4.3		1.0	7	IRIAN JAYA REGION, INDONESIA
17	10	51	07.4?	0.34	S	135.39	E	33	N	4.5		0.8	6	IRIAN JAYA REGION, INDONESIA
17	10	59	31.3?	0.86	S	136.44	E	33	N	4.3		1.3	9	IRIAN JAYA REGION, INDONESIA
17	11	07	05.8?	39.84	N	29.46	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
17	11	11	36.5*	0.928	S	136.615	E	33	N	4.4		1.3	14	IRIAN JAYA REGION, INDONESIA
17	11	15	37.2	16.788	N	62.049	W	33	N			1.0	11	LEEWARD ISLANDS. ML 3.2 (FDF). MD 3.1 (TRN).
17	11	24	46.2*	0.930	S	136.611	E	33	N	4.1		0.5	13	IRIAN JAYA REGION, INDONESIA
17	11	29	15.9*	0.838	S	136.571	E	33	N	4.4		1.2	18	IRIAN JAYA REGION, INDONESIA
17	11	30	43.7	40.159	N	21.857	E	10	G			0.8	8	GREECE. ML 2.2 (THE).
17	11	32	16.7*	0.913	S	136.068	E	33	N	4.7		1.2	23	IRIAN JAYA REGION, INDONESIA
17	11	49	43.7*	0.958	S	136.881	E	33	N	4.4		1.0	16	IRIAN JAYA REGION, INDONESIA
17	11	52	34.3*	0.875	S	137.277	E	33	N	4.2		0.6	18	IRIAN JAYA REGION, INDONESIA
17	11	54	57.6*	0.893	S	136.443	E	33	N	4.5		1.1	16	IRIAN JAYA REGION, INDONESIA
17	12	15	44.5*	40.378	N	29.264	E	10	G			0.5	5	TURKEY. MD 2.8 (ISK).

	17	12 17 45.4	0.795	S	136.547	E	33	N	4.4		0.9	23	IRIAN JAYA REGION, INDONESIA
	17	12 20 37.6*	0.579	S	135.118	E	33	N	4.6		1.1	13	IRIAN JAYA REGION, INDONESIA
	17	12 24 11.3	0.620	S	135.130	E	33	N	4.7	4.6	1.0	36	IRIAN JAYA REGION, INDONESIA
	17	12 25 41.9	46.046	N	6.965	E	10	G			1.1	10	SWITZERLAND. ML 2.4 (LDG).
	17	12 26 08.6*	1.001	S	136.732	E	33	N	4.7		1.1	26	IRIAN JAYA REGION, INDONESIA
	17	12 26 37.8*	0.871	S	136.536	E	33	N	4.7		1.0	18	IRIAN JAYA REGION, INDONESIA
	17	12 34 41.6?	0.70	S	136.73	E	33	N	3.9		1.1	8	IRIAN JAYA REGION, INDONESIA
	17	12 36 49.1	1.205	S	136.752	E	33	N	4.9	4.6	0.9	48	IRIAN JAYA REGION, INDONESIA
	17	12 48 38.2*	0.720	S	136.482	E	33	N	4.3		0.8	8	IRIAN JAYA REGION, INDONESIA
	17	12 49 25.1	0.616	S	135.163	E	33	N	4.9	4.7	1.0	55	IRIAN JAYA REGION, INDONESIA
	17	12 54 12.8*	0.912	S	137.139	E	33	N	4.1		0.7	8	IRIAN JAYA REGION, INDONESIA
	17	12 57 35.3?	0.46	S	137.44	E	33	N	3.9		1.1	14	IRIAN JAYA REGION, INDONESIA
	17	13 00 33.3*	0.764	S	136.203	E	33	N	4.7		1.0	21	IRIAN JAYA REGION, INDONESIA
	17	13 01 02.9?	40.82	N	29.17	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	17	13 01 33.7	0.689	S	136.446	E	33	N	5.1	4.9	1.0	43	IRIAN JAYA REGION, INDONESIA
	17	13 02 07.7	39.072	N	23.183	E	10	G			0.9	16	AEGEAN SEA. ML 3.0 (THE). MD 3.0 (ATH).
	17	13 05 55.7*	0.716	S	136.276	E	33	N	4.5		0.9	14	IRIAN JAYA REGION, INDONESIA
	17	13 06 30.4*	1.097	S	136.642	E	33	N	4.7		1.0	23	IRIAN JAYA REGION, INDONESIA
	17	13 13 23.9*	0.975	S	136.346	E	33	N	4.3		0.7	20	IRIAN JAYA REGION, INDONESIA
	17	13 25 37.6	6.191	S	154.755	E	57	D	5.5		1.1	210	SOLOMON ISLANDS. mb 5.6 (BRK).
	17	13 28 02.3&	65.185	N	148.461	W	15					24	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
	17	13 29 24.6%	33.457	S	70.844	W	60	G			0.5	8	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
	17	13 29 59.6?	0.78	S	136.77	E	33	N	4.8		0.9	10	IRIAN JAYA REGION, INDONESIA
	17	13 47 01.2?	39.85	N	29.41	E	10	G			0.6	4	TURKEY. MD 2.7 (ISK).
	17	14 00 12.3?	0.83	S	136.98	E	33	N	4.2		0.8	7	IRIAN JAYA REGION, INDONESIA
	17	14 00 40.2*	0.733	S	136.683	E	33	N	4.8		0.7	19	IRIAN JAYA REGION, INDONESIA
	17	14 02 55.4?	0.75	S	134.81	E	33	N	4.5		1.5	10	IRIAN JAYA REGION, INDONESIA
	17	14 20 14.3%	0.842	S	137.025	E	33	N	4.2		0.6	11	IRIAN JAYA REGION, INDONESIA
	17	14 20 20.9*	0.950	S	136.909	E	33	N	4.4		1.0	13	IRIAN JAYA REGION, INDONESIA
	17	14 20 50.4?	0.86	S	136.45	E	33	N	4.6		1.2	7	IRIAN JAYA REGION, INDONESIA
a	17	14 21 22.3	0.567	S	135.840	E	19	G	5.8	6.5	1.1	294	IRIAN JAYA REGION, INDONESIA. Mw 6.5 (GS), 6.5 (HRV). Me 6.5 (GS). Depth from broadband displacement seismograms.
	17	14 31 06.3?	13.10	N	89.67	W	33	N			0.3	10	EL SALVADOR. MD 3.3 (SSS). Felt (II) at Sonsonate.
	17	14 32 25.2?	0.94	S	136.81	E	33	N	4.9		1.1	8	IRIAN JAYA REGION, INDONESIA
	17	14 35 21.5	40.933	N	141.250	E	33	N	4.5		1.2	27	NEAR EAST COAST OF HONSHU, JAPAN
	17	14 49 44.0*	0.845	S	136.126	E	33	N	4.4		0.5	15	IRIAN JAYA REGION, INDONESIA
	17	14 56 24.3	0.713	S	136.438	E	33	N	4.8		0.9	45	IRIAN JAYA REGION, INDONESIA
	17	14 57 19.8	1.345	S	136.583	E	33	N	4.9		1.0	36	IRIAN JAYA REGION, INDONESIA
	17	14 57 59.5	16.122	N	98.796	W	33	N	4.3		1.1	25	NEAR COAST OF GUERRERO, MEXICO
	17	15 03 39.3*	1.320	S	136.588	E	33	N	4.4		1.1	20	IRIAN JAYA REGION, INDONESIA
	17	15 07 03.6*	0.626	S	135.298	E	33	N	4.2		1.2	18	IRIAN JAYA REGION, INDONESIA
	17	15 11 14.3	0.563	S	135.773	E	33	N	5.2	5.3	1.2	83	IRIAN JAYA REGION, INDONESIA
	17	15 15 28.7	1.003	S	136.538	E	33	N	4.7		0.8	35	IRIAN JAYA REGION, INDONESIA
	17	15 23 20.3*	0.641	S	135.864	E	33	N	4.6		0.6	11	IRIAN JAYA REGION, INDONESIA
	17	15 25 32.2?	1.68	S	136.54	E	33	N	4.1		1.2	7	IRIAN JAYA REGION, INDONESIA
	17	15 33 48.4?	0.93	S	137.32	E	33	N	3.9		1.4	6	IRIAN JAYA REGION, INDONESIA
	17	15 45 46.9*	0.900	S	136.801	E	33	N	4.1		0.7	15	IRIAN JAYA REGION, INDONESIA
	17	15 57 17.3?	1.40	S	137.11	E	33	N	3.3		1.6	5	NEAR NORTH COAST OF IRIAN JAYA
	17	16 21 33.7?	12.15	N	87.45	W	33	N	3.7		1.2	6	NEAR COAST OF NICARAGUA
	17	16 28 19.9*	1.082	S	136.890	E	33	N	4.5		1.0	10	IRIAN JAYA REGION, INDONESIA
	17	16 49 23.1*	0.831	S	134.471	E	33	N	4.3		1.2	13	IRIAN JAYA REGION, INDONESIA
	17	16 51 54.8	0.624	S	134.616	E	33	N	4.7		0.9	22	IRIAN JAYA REGION, INDONESIA
	17	16 59 10.7	0.940	S	137.120	E	33	N	5.0	4.8	1.0	71	IRIAN JAYA REGION, INDONESIA
	17	17 21 51.0	2.250	N	127.029	E	111	*	4.8		1.1	49	NORTHERN MOLUCCA SEA
	17	17 32 02.0*	0.842	S	136.810	E	33	N	4.5		0.6	13	IRIAN JAYA REGION, INDONESIA
	17	17 36 58.8*	0.675	S	135.763	E	33	N	3.5		1.5	7	IRIAN JAYA REGION, INDONESIA
	17	17 40 06.1*	2.987	S	139.155	E	33	N	4.2		1.5	8	NEAR NORTH COAST OF IRIAN JAYA
	17	17 47 22.8*	0.456	S	135.668	E	33	N	4.5		1.3	22	IRIAN JAYA REGION, INDONESIA
	17	17 56 47.2?	1.17	S	136.64	E	33	N	4.4		1.2	9	IRIAN JAYA REGION, INDONESIA
	17	18 07 02.6*	0.767	S	136.720	E	33	N	4.2		0.6	12	IRIAN JAYA REGION, INDONESIA
	17	18 07 53.2?	0.62	S	136.65	E	33	N			1.4	8	IRIAN JAYA REGION, INDONESIA
	17	18 10 34.0	0.798	S	136.779	E	33	N	4.5		0.5	22	IRIAN JAYA REGION, INDONESIA
	17	18 11 50.1%	0.550	S	136.072	E	33	N	4.2		0.9	9	IRIAN JAYA REGION, INDONESIA
	17	18 14 51.6*	0.850	S	136.421	E	33	N	3.3		0.5	9	IRIAN JAYA REGION, INDONESIA
	17	18 16 22.7?	0.78	S	136.77	E	33	N	3.9		1.3	9	IRIAN JAYA REGION, INDONESIA
	17	18 18 13.8?	0.63	S	137.27	E	33	N	3.5		0.8	7	IRIAN JAYA REGION, INDONESIA
	17	18 25 56.4?	1.35	S	137.52	E	33	N	4.1		0.3	5	NEAR NORTH COAST OF IRIAN JAYA
	17	18 29 36.7&	44.770	N	112.705	W	9					18	EASTERN IDAHO. <BUT-P>. ML 3.8 (BUT). Felt at Sage Creek.
	17	18 37 08.4?	26.03	S	179.95	E	500	G	4.1		1.2	9	SOUTH OF FIJI ISLANDS
	17	18 45 38.3?	1.26	S	136.08	E	33	N	4.1		1.1	8	IRIAN JAYA REGION, INDONESIA
	17	18 49 13.8?	0.91	S	137.09	E	33	N	4.0		1.0	6	IRIAN JAYA REGION, INDONESIA
	17	18 52 32.7?	0.69	S	135.71	E	33	N	4.0		1.0	7	IRIAN JAYA REGION, INDONESIA
	17	18 59 44.8?	0.84	S	136.77	E	33	N	4.1		1.1	8	IRIAN JAYA REGION, INDONESIA
	17	19 01 30.6?	1.11	S	136.42	E	33	N	3.7		0.9	5	IRIAN JAYA REGION, INDONESIA
	17	19 04 39.3?	0.57	S	137.57	E	33	N	4.2		0.4	6	IRIAN JAYA REGION, INDONESIA
	17	19 06 10.7?	1.05	S	136.94	E	33	N	4.2		0.6	6	IRIAN JAYA REGION, INDONESIA
	17	19 10 26.0?	34.64	N	80.26	E	33	N	3.9		1.1	8	XIZANG
	17	19 10 31.6	0.787	S	136.550	E	33	N	4.7		0.8	31	IRIAN JAYA REGION, INDONESIA
	17	19 17 01.3?	0.28	S	137.44	E	33	N	4.1		0.9	7	IRIAN JAYA REGION, INDONESIA
	17	19 25 47.9?	0.83	S	136.69	E	33	N	4.2		1.2	6	IRIAN JAYA REGION, INDONESIA
	17	19 27 28.1?	0.63	S	136.30	E	33	N	4.0		1.0	6	IRIAN JAYA REGION, INDONESIA
	17	19 35 08.7?	1.04	S	136.03	E	33	N	3.4		1.0	7	IRIAN JAYA REGION, INDONESIA
	17	19 36 11.9*	0.865	S	136.222	E	33	N	4.2		0.6	14	IRIAN JAYA REGION, INDONESIA
	17	19 36 29.9*	51.083	N	15.772	E	10	G			1.5	6	POLAND
	17	19 40 22.3?	2.86	S	139.25	E	33	N	4.0		1.2	6	NEAR NORTH COAST OF IRIAN JAYA
	17	19 47 26.9?	1.11	S	136.76	E	33	N	3.8		1.0	7	IRIAN JAYA REGION, INDONESIA
	17	19 55 13.7*	1.067	S	136.921	E	33	N	4.3		0.7	16	IRIAN JAYA REGION, INDONESIA
	17	19 58 48.9?	1.01	S	137.29	E	33	N	4.2		1.1	7	NEAR NORTH COAST OF IRIAN JAYA
	17	20 07 07.3*	1.366	S	136.967	E	33	N	4.2		0.6	12	IRIAN JAYA REGION, INDONESIA
	17	20 17 50.4	0.897	S	136.088	E	33	N	5.7		1.1	216	IRIAN JAYA REGION, INDONESIA
a	17	20 18 07.0	0.917	S	136.225	E	32	G	6.0	6.6	1.3	127	IRIAN JAYA REGION, INDONESIA. Mw 6.4 (GS), 6.5 (HRV).

														Me 6.5 (GS). Ms 6.6 (BRK). Mo=8.9*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	17	20 22 49.7*	0.799	S	135.887	E	33	N	4.6		1.3	13	IRIAN JAYA REGION, INDONESIA
	17	20 34 07.9?	1.09	S	136.37	E	33	N	3.2		0.9	6	IRIAN JAYA REGION, INDONESIA
	17	20 35 53.3	1.381	S	137.010	E	33	N	4.8		0.8	20	NEAR NORTH COAST OF IRIAN JAYA
	17	20 38 16.2?	1.05	S	136.34	E	33	N	3.6		1.0	7	IRIAN JAYA REGION, INDONESIA
	17	21 05 01.9	0.910	S	136.556	E	33	N	4.3		0.7	22	IRIAN JAYA REGION, INDONESIA
	17	21 16 41.1?	0.93	S	136.69	E	33	N	3.7		0.4	5	IRIAN JAYA REGION, INDONESIA
	17	21 18 21.9?	0.88	S	136.77	E	33	N	4.1		0.3	7	IRIAN JAYA REGION, INDONESIA
	17	21 19 26.6*	0.564	S	137.307	E	33	N	4.3		0.9	17	IRIAN JAYA REGION, INDONESIA
	17	21 21 45.6?	0.90	S	136.62	E	33	N	4.1		0.5	6	IRIAN JAYA REGION, INDONESIA
	17	21 24 57.0	29.301	N	129.239	E	33	N	5.0	4.9	1.3	104	RYUKYU ISLANDS
	17	21 35 08.9*	0.939	S	136.771	E	33	N	4.1		0.6	8	IRIAN JAYA REGION, INDONESIA
	17	21 40 58.0?	0.73	S	136.45	E	33	N			1.0	6	IRIAN JAYA REGION, INDONESIA
	17	21 45 22.6?	1.05	S	136.81	E	33	N	3.9		0.7	5	IRIAN JAYA REGION, INDONESIA
	17	21 47 18.6%	1.020	S	136.587	E	33	N			0.9	7	IRIAN JAYA REGION, INDONESIA
	17	21 47 33.2?	0.85	S	136.49	E	33	N	3.9		0.8	5	IRIAN JAYA REGION, INDONESIA
	17	21 54 30.6%	0.933	S	136.573	E	33	N	3.8		0.7	7	IRIAN JAYA REGION, INDONESIA
	17	21 54 41.3*	46.856	N	148.191	E	300	G	3.8		1.2	20	NORTHWEST OF KURIL ISLANDS
	17	21 57 44.9	0.945	S	136.641	E	33	N	5.3	5.2	1.0	104	IRIAN JAYA REGION, INDONESIA
	17	22 05 00.0*	0.775	S	136.524	E	33	N	4.4		0.9	14	IRIAN JAYA REGION, INDONESIA
	17	22 11 21.5?	0.89	S	136.73	E	33	N	3.4		0.7	5	IRIAN JAYA REGION, INDONESIA
	17	22 12 51.5	0.990	S	136.999	E	33	N	4.3		0.6	20	IRIAN JAYA REGION, INDONESIA
	17	22 15 25.1?	0.97	S	136.68	E	33	N	4.0		0.6	6	IRIAN JAYA REGION, INDONESIA
	17	22 17 42.4?	0.76	S	136.57	E	33	N			0.8	7	IRIAN JAYA REGION, INDONESIA
	17	22 18 40.7	51.655	N	16.199	E	10	G			0.8	31	POLAND. ML 3.8 (GRF), 3.6 (VIE), 3.3 (MOX).
	17	22 24 33.2?	0.91	S	136.41	E	33	N			0.5	6	IRIAN JAYA REGION, INDONESIA
	17	22 26 44.0%	1.034	S	136.505	E	33	N	2.9		0.9	7	IRIAN JAYA REGION, INDONESIA
	17	22 44 25.2?	1.09	S	136.70	E	33	N	3.8		0.4	5	IRIAN JAYA REGION, INDONESIA
	17	22 45 40.0%	0.747	S	136.673	E	33	N	4.5		0.5	6	IRIAN JAYA REGION, INDONESIA
	17	22 50 38.5	0.955	S	136.752	E	33	N	4.7		0.9	26	IRIAN JAYA REGION, INDONESIA
	17	22 52 58.5*	34.667	N	80.739	E	33	N	4.0		1.2	11	XIZANG
	17	23 08 56.4?	0.97	S	136.69	E	33	N	4.0		1.3	6	IRIAN JAYA REGION, INDONESIA
	17	23 11 12.0?	0.96	S	136.65	E	33	N			0.4	5	IRIAN JAYA REGION, INDONESIA
	17	23 37 28.6*	0.708	S	136.304	E	33	N	4.1		0.5	10	IRIAN JAYA REGION, INDONESIA
	17	23 47 26.5?	0.94	S	136.40	E	33	N			0.6	6	IRIAN JAYA REGION, INDONESIA
	18	00 00 54.7	0.927	S	136.680	E	33	N	4.7		0.9	33	IRIAN JAYA REGION, INDONESIA
	18	00 11 50.5%	40.714	N	22.750	E	10	G			0.4	8	GREECE. ML 1.9 (THE).
	18	00 12 50.9?	1.02	S	136.67	E	33	N	3.7		0.8	6	IRIAN JAYA REGION, INDONESIA
	18	00 16 26.5?	1.39	S	136.26	E	33	N	3.9		1.1	6	IRIAN JAYA REGION, INDONESIA
	18	00 18 02.0?	1.09	S	136.65	E	33	N	4.3		1.0	7	IRIAN JAYA REGION, INDONESIA
a	18	00 22 24.8	0.573	S	135.756	E	33	N	5.3	5.6	1.4	135	IRIAN JAYA REGION, INDONESIA. Mw 5.9 (HRV).
	18	00 42 42.4	29.186	N	129.206	E	33	N	4.2		1.4	22	RYUKYU ISLANDS
	18	00 51 23.7*	1.309	S	135.895	E	33	N	4.1		0.8	18	IRIAN JAYA REGION, INDONESIA
	18	00 52 45.7	1.839	N	127.467	E	100	G	5.2		1.0	133	HALMAHERA, INDONESIA
	18	00 55 18.3*	16.524	N	93.870	W	155	*	4.2		1.5	25	CHIAPAS, MEXICO
	18	01 18 14.4	1.126	S	136.986	E	33	N	4.5		0.9	30	IRIAN JAYA REGION, INDONESIA
	18	01 28 11.3?	1.40	S	135.93	E	33	N	4.6		1.5	8	IRIAN JAYA REGION, INDONESIA
	18	01 39 05.4*	1.572	S	136.571	E	33	N	4.1		0.9	11	IRIAN JAYA REGION, INDONESIA
	18	01 45 43.2	42.828	N	2.533	E	10	G	4.7		1.2	273	PYRENEES. mbLg 5.0 (MDD). Some damage to buildings in the Aude, Pyrenees-Orientales and Tarn Departments, France. Felt in much of southern France as far east as Briancon. Also felt in parts of northeastern Spain as far south as Barcelona.
	18	01 56 46.6	11.865	N	125.402	E	200	G	4.2		1.0	38	SAMAR, PHILIPPINE ISLANDS
	18	01 58 46.7*	42.309	N	2.209	E	10	G			1.5	11	PYRENEES. ML 2.8 (LDG). mbLg 2.8 (MDD).
	18	02 02 31.0	42.835	N	2.569	E	10	G			1.1	49	PYRENEES. ML 3.9 (STR), 3.7 (LDG). mbLg 3.3 (MDD).
	18	02 03 09.2	38.259	N	6.666	W	10	G			0.9	10	SPAIN. mbLg 2.9 (MDD).
	18	02 03 15.8	0.576	S	135.755	E	33	N	4.6		1.3	49	IRIAN JAYA REGION, INDONESIA
	18	02 05 35.9*	3.958	N	126.868	E	33	N	4.4		1.3	23	TALAUD ISLANDS, INDONESIA
	18	02 12 19.0	0.686	S	136.473	E	33	N	5.3		1.1	85	IRIAN JAYA REGION, INDONESIA
	18	02 18 00.4	0.716	S	135.424	E	33	N	4.6		1.1	35	IRIAN JAYA REGION, INDONESIA
a	18	02 25 33.3	1.336	S	136.464	E	10	G	5.9	6.3	1.4	244	IRIAN JAYA REGION, INDONESIA. Mw 6.0 (GS), 6.4 (HRV). Me 6.6 (GS). Mo=9.0*10**18 Nm (PPT).
	18	02 27 00.7	42.848	N	2.584	E	10	G	4.6		1.3	56	PYRENEES. ML 4.1 (STR), 3.9 (LDG).
	18	02 35 30.6	38.802	N	21.913	E	10	G			1.0	14	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	18	02 36 29.4?	1.76	S	136.89	E	33	N	3.9		0.2	5	IRIAN JAYA REGION, INDONESIA
	18	02 38 43.9	42.657	N	2.206	E	10	G			1.3	14	PYRENEES. mbLg 3.1 (MDD). ML 2.8 (LDG), 2.7 (STR).
	18	02 46 03.1	42.833	N	2.600	E	10	G			1.0	15	PYRENEES. mbLg 3.4 (MDD). ML 3.0 (STR), 3.0 (LDG).
	18	02 47 39.5?	42.09	N	2.17	E	10	G			1.5	6	PYRENEES. ML 2.5 (LDG).
	18	02 56 53.5*	42.558	N	2.420	E	10	G			1.3	6	PYRENEES. ML 2.5 (LDG).
	18	03 03 13.2?	1.18	S	136.81	E	33	N	4.0		1.4	9	IRIAN JAYA REGION, INDONESIA
	18	03 11 00.6?	1.25	S	136.62	E	33	N	4.2		1.1	10	IRIAN JAYA REGION, INDONESIA
	18	03 16 28.5?	0.64	S	135.37	E	33	N	4.1		0.8	8	IRIAN JAYA REGION, INDONESIA
	18	03 18 18.1&	33.860	N	118.242	W	17					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS). Felt (IV) at Carson, (III) at Long Beach and (II) at Lakewood.
	18	03 26 39.7	0.807	S	136.629	E	33	N	4.3		0.7	20	IRIAN JAYA REGION, INDONESIA
	18	03 34 16.5*	1.495	S	136.595	E	33	N	4.7	5.1	1.2	34	IRIAN JAYA REGION, INDONESIA
	18	03 42 46.2	38.326	N	21.032	E	10	G	3.5		1.2	26	GREECE. ML 3.4 (THE). MD 3.3 (ATH).
	18	03 44 31.3*	51.660	N	16.165	E	10	G			1.5	9	POLAND
	18	03 45 02.7*	42.600	N	1.895	E	10	G			1.3	6	PYRENEES. ML 2.5 (STR), 2.5 (LDG).
	18	03 46 37.3*	18.272	N	101.415	W	33	N			0.7	6	GUERRERO, MEXICO
	18	03 55 59.4*	42.571	N	2.445	E	10	G			1.3	7	PYRENEES. ML 2.6 (LDG).
	18	03 57 10.2*	0.772	S	136.529	E	33	N	4.2		1.0	10	IRIAN JAYA REGION, INDONESIA
	18	04 00 55.3?	11.44	S	118.53	E	33	N	3.2		1.4	6	SOUTH OF SUMBAWA, INDONESIA
	18	04 02 21.6*	0.969	S	136.712	E	33	N	4.3		0.8	13	IRIAN JAYA REGION, INDONESIA
	18	04 04 25.8?	0.83	S	136.18	E	33	N	4.0		1.5	11	IRIAN JAYA REGION, INDONESIA
	18	04 16 32.9	44.779	N	6.744	E	5				0.9	116	FRANCE. ML 4.1 (STR), 3.9 (LDG), 3.7 (GEN). MD 3.5 (ROM).
	18	04 24 52.8	0.561	S	136.009	E	33	N	4.4		1.0	33	IRIAN JAYA REGION, INDONESIA
	18	04 28 55.7	42.855	N	2.601	E	10	G			0.8	43	PYRENEES. ML 3.4 (LDG), 3.3 (STR). mbLg 3.4 (MDD).
	18	04 37 20.8*	42.624	N	2.519	E	10	G			1.0	6	PYRENEES. ML 2.4 (LDG).

	18	04 48 32.7?	1.35	S	136.99	E	33	N	3.6		0.9	7	IRIAN JAYA REGION, INDONESIA
	18	04 49 46.4?	1.67	S	136.90	E	33	N	4.0		1.4	5	IRIAN JAYA REGION, INDONESIA
	18	04 51 15.2&	62.198	N	150.442	W	12					59	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	18	04 52 13.0?	0.69	S	136.18	E	33	N	4.0		0.8	7	IRIAN JAYA REGION, INDONESIA
	18	04 56 16.8*	1.274	S	136.545	E	33	N	4.7		1.3	33	IRIAN JAYA REGION, INDONESIA
	18	05 02 29.5*	0.751	S	136.536	E	33	N	4.5		1.0	21	IRIAN JAYA REGION, INDONESIA
	18	05 20 54.5*	0.966	S	136.476	E	33	N	4.5	4.7	1.0	26	IRIAN JAYA REGION, INDONESIA
	18	05 38 51.9	6.802	N	73.024	W	162		4.2		1.3	18	NORTHERN COLOMBIA
	18	05 43 43.3*	12.678	S	166.959	E	261	*	4.6		1.1	89	SANTA CRUZ ISLANDS
	18	06 04 40.1?	42.87	N	2.28	E	10	G			1.2	6	PYRENEES
	18	06 20 58.5*	1.354	S	136.608	E	33	N	4.4		1.4	13	IRIAN JAYA REGION, INDONESIA
	18	07 03 51.0*	31.338	S	68.592	W	100	G			0.8	7	SAN JUAN PROVINCE, ARGENTINA
	18	07 18 14.3*	1.010	S	137.283	E	33	N	3.9		0.5	9	NEAR NORTH COAST OF IRIAN JAYA
	18	07 19 14.4?	1.08	S	137.39	E	33	N	4.2		1.3	8	NEAR NORTH COAST OF IRIAN JAYA
	18	07 22 20.1*	0.804	S	136.649	E	33	N	4.5		0.7	17	IRIAN JAYA REGION, INDONESIA
	18	07 44 56.6	39.939	N	120.834	W	5	G			0.9	34	NORTHERN CALIFORNIA. ML 3.0 (BRK). MD 2.9 (GM).
	18	07 47 47.9*	1.595	S	136.787	E	33	N	4.4		1.2	12	IRIAN JAYA REGION, INDONESIA
	18	07 49 39.3&	63.517	N	151.234	W	15					25	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	08 04 33.0?	0.75	S	136.86	E	33	N	4.3		1.5	8	IRIAN JAYA REGION, INDONESIA
	18	08 09 00.1	1.406	S	136.741	E	33	N	4.7	4.4	1.2	33	IRIAN JAYA REGION, INDONESIA
	18	08 18 32.6*	31.786	N	140.495	E	93	*	3.7		1.4	17	SOUTH OF HONSHU, JAPAN
	18	08 22 49.9?	39.18	N	27.18	E	10	G			0.6	4	TURKEY. MD 2.8 (ISK).
	18	08 31 42.7?	1.13	S	136.87	E	33	N	4.4		1.1	10	IRIAN JAYA REGION, INDONESIA
	18	08 33 57.0*	36.210	N	71.549	E	33	N	3.9		1.1	18	AFGHANISTAN-TAJIKISTAN BORD REG.
	18	08 39 30.6	38.894	N	20.564	E	10	G	3.1		0.9	27	GREECE. MD 3.3 (ATH). ML 3.2 (THE).
	18	08 44 20.7?	13.40	N	92.69	W	33	N	4.1		1.0	7	OFF COAST OF CHIAPAS, MEXICO
	18	08 44 36.1?	39.10	N	27.57	E	10	G			0.4	4	TURKEY. MD 2.6 (ISK).
	18	08 52 31.8?	1.31	S	135.52	E	33	N	3.8		0.8	6	IRIAN JAYA REGION, INDONESIA
	18	09 02 14.6*	0.599	S	135.375	E	33	N	4.5		1.0	24	IRIAN JAYA REGION, INDONESIA
	18	09 06 13.7*	0.794	S	136.604	E	33	N	4.7	4.5	0.9	22	IRIAN JAYA REGION, INDONESIA
	18	09 12 50.5*	0.582	S	135.417	E	33	N	4.6		1.0	15	IRIAN JAYA REGION, INDONESIA
	18	09 15 30.3?	53.66	N	159.88	E	100	G	4.0		0.8	11	NEAR EAST COAST OF KAMCHATKA
	18	09 17 10.4?	42.51	N	2.30	E	10	G			1.3	7	PYRENEES. ML 3.0 (STR), 3.0 (LDG).
	18	09 38 30.0	38.904	N	20.591	E	10	G			1.1	11	GREECE. MD 3.0 (ATH). ML 2.8 (THE).
	18	09 50 52.7	38.891	N	20.403	E	10	G	3.7		1.2	56	GREECE. ML 3.9 (TIR), 3.8 (TTG), 3.7 (THE). MD 3.6 (ATH).
a	18	09 57 17.0	13.906	N	120.754	E	242	D	5.4		1.0	235	MINDORO, PHILIPPINE ISLANDS. Mw 5.6 (HRV).
	18	10 07 42.6	38.860	N	20.578	E	10	G			1.1	11	GREECE. ML 3.4 (THE). MD 3.1 (ATH).
	18	10 12 34.0?	39.13	N	27.71	E	10	G			0.1	4	TURKEY. MD 2.8 (ISK).
	18	10 19 51.7?	0.97	S	136.38	E	33	N	3.9		0.2	5	IRIAN JAYA REGION, INDONESIA
	18	10 22 12.9*	43.241	N	126.682	W	10	G	3.0		0.6	31	OFF COAST OF OREGON
	18	10 22 22.4*	17.759	S	178.561	W	550	G	4.4		0.9	26	FIJI ISLANDS REGION
	18	10 34 30.4*	9.124	N	78.245	W	33	N			0.2	5	PANAMA. MD 3.7 (UPA).
	18	10 45 33.1	38.937	N	20.631	E	10	G			1.1	9	GREECE. MD 3.0 (ATH). ML 2.8 (THE).
	18	10 46 45.4?	0.97	S	136.55	E	33	N	4.5		0.8	9	IRIAN JAYA REGION, INDONESIA
a	18	10 48 34.7	0.918	S	136.133	E	33	N	5.2	4.7	1.0	77	IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).
	18	10 59 36.1?	28.94	N	34.48	E	10	G			0.2	4	EGYPT. MD 2.9 (RYD).
	18	11 12 57.4*	40.595	N	21.516	E	10	G			0.2	5	GREECE. ML 2.1 (THE).
	18	11 26 54.4?	0.85	S	136.40	E	33	N	3.5		0.8	7	IRIAN JAYA REGION, INDONESIA
	18	11 27 18.6*	0.510	S	135.826	E	33	N	4.6		1.0	12	IRIAN JAYA REGION, INDONESIA
a	18	12 02 49.0	0.801	S	136.552	E	33	N	5.4	5.1	1.1	102	IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV).
	18	12 04 49.2?	0.80	S	136.17	E	33	N	4.0		1.5	10	IRIAN JAYA REGION, INDONESIA
	18	12 12 49.7	0.656	S	136.535	E	33	N	4.6		0.6	27	IRIAN JAYA REGION, INDONESIA
	18	12 25 36.0*	0.848	S	134.878	E	33	N	4.4		0.8	11	IRIAN JAYA REGION, INDONESIA
	18	12 26 59.3*	0.863	S	136.487	E	33	N	4.4		0.7	18	IRIAN JAYA REGION, INDONESIA
	18	12 40 14.7*	0.841	S	136.256	E	33	N	4.1		0.5	8	IRIAN JAYA REGION, INDONESIA
	18	13 18 24.0*	0.898	S	136.565	E	33	N	4.7		1.2	26	IRIAN JAYA REGION, INDONESIA
	18	13 18 47.5?	36.36	N	2.83	W	10	G			1.0	9	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	18	13 21 06.0	37.373	N	71.701	E	33	N	3.8		0.8	19	AFGHANISTAN-TAJIKISTAN BORD REG.
	18	13 21 06.5?	44.73	N	6.76	E	10	G			0.3	4	FRANCE. ML 1.7 (GEN).
a	18	13 58 14.8	0.912	S	136.393	E	33	N	5.2	4.6	1.2	93	IRIAN JAYA REGION, INDONESIA. Mw 5.0 (HRV).
	18	14 01 02.6	36.335	N	29.262	E	10	G			1.0	9	TURKEY. ML 3.8 (THE). MD 3.8 (ATH), 3.3 (ISK).
	18	14 02 19.2?	23.94	S	179.57	E	600	G	4.2		1.3	10	SOUTH OF FIJI ISLANDS
	18	14 07 48.8	2.847	N	128.420	E	170	*	4.5		0.9	33	HALMAHERA, INDONESIA
	18	14 18 28.7%	30.547	S	69.178	W	33	N			0.7	6	CHILE-ARGENTINA BORDER REGION
	18	14 19 26.3?	39.09	N	27.83	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	18	14 28 50.7*	14.396	S	167.330	E	230	*	4.3		1.3	33	VANUATU ISLANDS
	18	14 34 10.2?	14.82	S	173.23	W	33	N	4.3		1.1	18	SAMOA ISLANDS REGION
	18	14 34 32.0*	1.001	S	137.311	E	33	N	4.5		0.9	22	NEAR NORTH COAST OF IRIAN JAYA
	18	14 42 08.1	0.949	S	137.463	E	33	N	4.6		0.8	33	IRIAN JAYA REGION, INDONESIA
	18	15 00 38.4&	60.419	N	151.777	W	58					61	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	15 17 07.8%	34.088	S	70.306	W	10	G			0.2	5	CHILE-ARGENTINA BORDER REGION
	18	15 20 33.5	0.761	S	136.030	E	33	N	4.5		0.7	21	IRIAN JAYA REGION, INDONESIA
	18	15 26 04.3*	42.637	N	2.545	E	10	G			1.3	6	PYRENEES. ML 2.4 (LDG).
	18	15 30 27.0	0.736	S	136.221	E	33	N	4.8		0.8	37	IRIAN JAYA REGION, INDONESIA
	18	15 41 46.1*	42.627	N	2.534	E	10	G			0.9	6	PYRENEES. ML 2.6 (LDG).
	18	15 43 52.6*	37.579	N	36.290	E	10	G			1.4	6	TURKEY. MD 3.5 (ISK).
	18	15 46 57.4	35.291	N	70.572	E	33	N	4.3		0.7	19	HINDU KUSH REGION, AFGHANISTAN
	18	15 49 33.7?	48.25	N	148.85	E	300	G	3.5		1.3	12	NORTHWEST OF KURIL ISLANDS
	18	15 53 20.4?	0.32	S	136.22	E	33	N	4.0		1.4	6	IRIAN JAYA REGION, INDONESIA
	18	15 57 55.3	42.854	N	2.557	E	10	G	3.9		0.9	37	PYRENEES. ML 3.7 (STR), 3.5 (LDG). mbLg 3.7 (MDD).
	18	15 59 55.2?	39.09	N	27.82	E	10	G			1.0	4	TURKEY. MD 2.8 (ISK).
	18	15 59 59.2*	42.422	N	2.263	E	10	G			1.4	6	PYRENEES. ML 2.7 (LDG). mbLg 2.5 (MDD).
	18	16 01 26.7*	0.847	S	136.714	E	33	N	4.0		0.9	11	IRIAN JAYA REGION, INDONESIA
	18	16 01 45.2?	0.83	S	137.90	E	33	N	4.0		1.3	7	IRIAN JAYA REGION, INDONESIA
	18	16 02 40.1?	0.69	S	136.79	E	33	N	4.1		1.2	7	IRIAN JAYA REGION, INDONESIA
	18	16 15 41.8?	0.94	S	137.10	E	33	N	3.5		1.2	6	IRIAN JAYA REGION, INDONESIA
	18	16 15 48.3?	0.87	S	137.56	E	33	N	3.4		1.2	6	IRIAN JAYA REGION, INDONESIA
	18	16 18 46.0?	1.10	S	137.12	E	33	N	3.8		1.0	5	NEAR NORTH COAST OF IRIAN JAYA
	18	16 25 19.6	1.171	S	136.866	E	33	N	4.4		0.9	24	IRIAN JAYA REGION, INDONESIA
	18	16 32 08.9*	0.785	S	136.782	E	33	N	4.2		0.9	21	IRIAN JAYA REGION, INDONESIA
	18	16 40 30.9*	0.799	S	136.554	E	33	N	4.4		1.1	22	IRIAN JAYA REGION, INDONESIA
	18	16 44 48.3?	19.14	S	69.08	W	200	G			0.1	5	NORTHERN CHILE

	18	16	45	50.1*	1.185	S	135.653	E	33	N	4.0	1.2	11	IRIAN JAYA REGION, INDONESIA
	18	17	07	17.1*	1.657	S	136.736	E	33	N	3.8	0.3	8	IRIAN JAYA REGION, INDONESIA
	18	17	20	47.0	6.278	S	154.801	E	75	*	4.2	0.8	39	SOLOMON ISLANDS
	18	17	33	20.1*	0.665	S	136.532	E	33	N	4.2	0.9	12	IRIAN JAYA REGION, INDONESIA
	18	17	38	00.9	39.980	N	23.478	E	10	G	3.7	1.3	40	AEGEAN SEA. MD 3.6 (ATH). ML 3.6 (THE).
	18	17	45	02.8	40.655	N	21.655	E	10	G	4.0	1.3	76	GREECE. ML 4.0 (TIR), 3.9 (TTG), 3.7 (THE), 3.7 (SKO). MD 3.8 (ATH). Felt (III) at Bitola, former Yugoslav Republic of Macedonia.
	18	17	51	07.3?	0.79	S	136.43	E	33	N	4.6	0.7	7	IRIAN JAYA REGION, INDONESIA
	18	17	52	10.6	40.633	N	21.594	E	10	G		0.5	9	GREECE. ML 2.6 (THE).
	18	18	30	15.8	40.605	N	21.580	E	10	G		0.5	9	GREECE. ML 2.5 (THE), 2.1 (SKO).
	18	19	11	39.6?	1.08	S	137.06	E	33	N	3.6	0.5	5	NEAR NORTH COAST OF IRIAN JAYA
	18	19	12	57.5*	1.243	S	136.722	E	33	N	4.4	1.0	12	IRIAN JAYA REGION, INDONESIA
	18	19	16	41.4?	29.44	S	69.71	W	100	G		0.3	6	CHILE-ARGENTINA BORDER REGION
	18	19	19	24.0	29.952	N	83.968	E	33	N	4.2	1.2	41	NEPAL. ML 4.6 (DMN).
a	18	19	40	21.6	0.477	S	135.541	E	33	N	5.0 5.0	1.3	84	IRIAN JAYA REGION, INDONESIA. Mw 5.5 (HRV).
	18	19	48	37.3?	0.91	S	136.03	E	33	N	3.9	0.9	5	IRIAN JAYA REGION, INDONESIA
	18	20	03	04.5*	36.650	N	27.078	E	5	G		1.4	9	DODECANESE ISLANDS. MD 3.7 (ATH), 3.5 (ISK). ML 3.7 (THE).
	18	20	04	29.7?	0.70	S	136.39	E	33	N	3.6	1.2	11	IRIAN JAYA REGION, INDONESIA
	18	20	07	35.7*	54.568	N	165.497	W	111	D	3.8	1.0	26	FOX ISLANDS, ALEUTIAN ISLANDS
	18	20	10	32.0?	42.64	N	2.42	E	5	G		0.1	4	PYRENEES. ML 2.2 (STR).
	18	20	21	40.7&	38.759	N	122.719	W	2				26	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	18	20	24	28.4*	0.773	S	136.144	E	33	N	3.7	0.7	16	IRIAN JAYA REGION, INDONESIA
	18	20	38	59.2?	0.87	S	136.21	E	33	N	3.3	0.1	5	IRIAN JAYA REGION, INDONESIA
	18	20	43	20.8*	0.678	S	136.370	E	33	N	4.2	0.9	15	IRIAN JAYA REGION, INDONESIA
	18	20	52	55.8	0.877	S	136.694	E	33	N	5.3 4.9	1.1	87	IRIAN JAYA REGION, INDONESIA
	18	20	54	41.3*	0.415	S	135.900	E	33	N	4.5	1.2	15	IRIAN JAYA REGION, INDONESIA
	18	20	55	05.6	46.675	N	7.420	E	10	G		1.5	18	SWITZERLAND. ML 2.8 (STR), 2.8 (LDG).
	18	21	00	14.4	51.714	N	16.179	E	10	G		0.7	19	POLAND. ML 3.5 (GRF), 3.1 (MOX).
	18	21	00	49.1?	36.49	N	25.45	E	33	N		0.8	4	DODECANESE ISLANDS. MD 3.6 (ATH). ML 3.6 (THE).
	18	21	06	40.9?	19.83	N	109.19	W	33	N	3.8	1.1	12	REVILLA GIGEDO ISLANDS REGION
	18	21	12	21.6*	1.147	S	136.588	E	33	N	4.3	0.9	15	IRIAN JAYA REGION, INDONESIA
	18	21	30	49.5	36.541	N	25.461	E	10	G		1.4	9	DODECANESE ISLANDS. ML 3.6 (THE). MD 3.5 (ATH).
	18	21	36	07.4?	1.31	S	136.79	E	33	N	3.6	0.5	5	IRIAN JAYA REGION, INDONESIA
	18	21	42	25.7	29.198	S	69.912	W	106	D	4.3	1.4	38	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
	18	21	44	07.9?	0.86	S	137.12	E	33	N	3.6	0.8	6	IRIAN JAYA REGION, INDONESIA
	18	21	55	10.4*	0.749	S	136.371	E	33	N	4.6 4.2	1.2	26	IRIAN JAYA REGION, INDONESIA
	18	22	06	35.7?	0.73	S	136.63	E	33	N	3.9	1.0	7	IRIAN JAYA REGION, INDONESIA
	18	22	24	20.1*	40.542	N	21.507	E	10	G		0.4	6	GREECE
a	18	23	09	55.3	3.362	S	139.743	E	33	N	5.1 4.9	1.2	75	IRIAN JAYA, INDONESIA. Mw 5.5 (HRV).
	18	23	34	37.4*	1.082	S	136.913	E	33	N	4.5	1.0	26	IRIAN JAYA REGION, INDONESIA
a	18	23	49	28.1	1.266	S	14.273	W	10	G	6.3 6.5	1.1	534	NORTH OF ASCENSION ISLAND. Mw 6.5 (GS), 6.6 (HRV). Me 7.0 (GS). Mo=6.8*10**18 Nm (PPT).
	19	00	07	05.4&	66.018	N	147.626	W	33				16	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	19	00	28	20.7*	40.567	N	21.543	E	10	G		0.7	5	GREECE. ML 2.2 (SKO).
	19	00	30	10.6	21.600	N	143.159	E	324	*	4.0	0.5	30	MARIANA ISLANDS REGION
	19	00	31	20.9*	16.035	N	61.033	W	33	N		0.2	6	LEEWARD ISLANDS. ML 2.2 (FDF).
	19	00	40	30.6*	40.601	N	21.553	E	10	G		0.2	5	GREECE. ML 2.0 (THE).
	19	00	58	25.5%	72.731	N	3.655	E	10	G		0.7	5	NORWEGIAN SEA
	19	01	07	52.5*	2.761	N	128.552	E	33	N	4.4	0.8	21	HALMAHERA, INDONESIA
	19	01	26	49.8*	1.521	S	77.554	W	200	G	3.9	1.2	23	ECUADOR
	19	01	35	40.5*	0.585	S	135.566	E	33	N	4.6	1.2	18	IRIAN JAYA REGION, INDONESIA
	19	01	38	54.6	42.868	N	2.587	E	5	G		1.0	25	PYRENEES. mbLg 3.4 (MDD). ML 3.3 (LDG).
	19	01	42	02.0	0.577	S	135.513	E	33	N	4.5	1.0	32	IRIAN JAYA REGION, INDONESIA
	19	02	18	22.8	0.639	S	134.885	E	33	N	5.1 4.8	1.1	87	IRIAN JAYA REGION, INDONESIA
	19	02	19	17.5	38.227	N	30.417	E	10	G		1.0	8	TURKEY. MD 3.4 (ISK).
	19	02	22	18.1%	26.362	S	27.466	E	5	G		0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
a	19	02	28	32.1	1.199	S	14.232	W	12	D	5.6 5.2	1.0	302	NORTH OF ASCENSION ISLAND. Mw 5.7 (HRV).
	19	02	32	53.9*	0.696	S	136.516	E	33	N	4.5	0.7	15	IRIAN JAYA REGION, INDONESIA
	19	03	13	09.5	42.564	N	2.449	E	10	G		1.1	11	PYRENEES. ML 2.5 (LDG), 2.5 (STR).
	19	03	40	50.7	42.827	N	2.597	E	10	G		0.7	6	PYRENEES. mbLg 2.9 (MDD). ML 2.8 (LDG), 2.7 (STR).
	19	03	48	24.3%	39.813	N	23.541	E	10	G		0.2	8	AEGEAN SEA. ML 2.2 (THE).
	19	03	53	23.5	44.262	N	147.580	E	46	D	4.0 3.7	0.8	30	KURIL ISLANDS
	19	03	59	29.1*	16.616	S	177.478	W	33	N	5.0 5.0	1.5	46	FIJI ISLANDS REGION
	19	04	02	13.9*	18.240	N	68.025	W	100	G		0.5	13	MONA PASSAGE. MD 3.6 (MPR).
	19	04	10	31.6?	39.17	N	27.83	E	10	G		0.3	4	TURKEY. MD 2.8 (ISK).
	19	04	11	41.7?	0.81	S	136.84	E	33	N	4.5	1.2	10	IRIAN JAYA REGION, INDONESIA
	19	04	22	09.7%	34.319	S	70.614	W	110	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
	19	04	24	59.7	42.862	N	2.567	E	10	G		1.1	62	PYRENEES. ML 3.8 (LDG), 3.8 (STR). mbLg 3.6 (MDD).
	19	04	45	49.0*	53.495	N	167.205	W	33	N	3.9	1.0	17	FOX ISLANDS, ALEUTIAN ISLANDS
	19	04	48	01.5	42.409	N	19.250	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	19	05	02	07.0&	37.513	N	118.875	W	6				43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.6 (GS), 3.5 (BRK).
	19	05	02	57.5&	37.511	N	118.876	W	5				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM).
	19	05	05	28.0*	1.449	S	136.291	E	33	N	4.1	0.5	9	IRIAN JAYA REGION, INDONESIA
	19	05	20	27.1?	0.69	S	137.51	E	33	N	3.7	1.3	6	IRIAN JAYA REGION, INDONESIA
	19	06	02	35.2?	1.07	S	136.65	E	33	N	4.3	1.4	8	IRIAN JAYA REGION, INDONESIA
	19	06	09	21.9	0.836	S	136.654	E	33	N	4.8	0.9	39	IRIAN JAYA REGION, INDONESIA
	19	06	09	48.7%	26.901	S	26.668	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	19	06	22	34.5?	0.87	S	135.81	E	33	N	4.0	0.8	7	IRIAN JAYA REGION, INDONESIA
	19	06	47	19.6%	39.300	N	28.820	E	10	G		0.7	5	TURKEY. MD 2.9 (ISK).
a	19	07	10	06.4	42.132	S	75.283	W	8	G	5.9 5.4	1.1	287	OFF COAST OF SOUTHERN CHILE. Mw 5.7 (GS), 6.0 (HRV). Me 5.7 (GS). Ms 5.5 (BRK). Mo=2.1*10**18 Nm (PPT). Two events about 1.8 seconds apart. Depth from broadband displacement seismograms, based on second event.
	19	07	13	05.5	44.578	N	148.977	E	33	N	4.1	0.7	22	KURIL ISLANDS
	19	07	51	00.2?	7.58	S	146.26	E	100	G	3.9	1.4	10	EASTERN NEW GUINEA REG., P.N.G.
	19	07	57	45.1*	18.137	S	168.156	E	46	*	4.3	1.1	21	VANUATU ISLANDS
	19	08	03	23.8*	17.928	S	167.724	E	33	N	3.8	1.4	13	VANUATU ISLANDS
	19	08	05	51.6	39.292	N	28.782	E	10	G		0.5	8	TURKEY. MD 3.0 (ISK).
	19	08	20	35.7?	0.16	S	136.81	E	33	N	4.2	1.3	8	IRIAN JAYA REGION, INDONESIA
	19	08	23	57.2	0.931	S	137.416	E	33	N	4.6	0.8	27	IRIAN JAYA REGION, INDONESIA

	19	08	41	16.6	44.799	N	9.750	E	10	G			1.3	39	NORTHERN ITALY. ML 3.4 (STR), 3.0 (LDG), 2.7 (VIE).
	19	09	02	19.0%	39.055	N	28.773	E	10	G			0.4	5	TURKEY. MD 2.8 (ISK).
	19	09	16	35.6?	29.03	N	34.57	E	10	G			0.2	4	EGYPT. MD 3.1 (RYD).
	19	09	22	17.7	6.706	S	129.788	E	100	G	4.3		0.9	24	BANDA SEA
	19	09	32	20.0	0.383	N	125.335	E	82	*	4.6		0.8	42	NORTHERN MOLUCCA SEA
	19	09	42	13.3*	18.236	S	67.005	W	288		3.5		1.1	14	CENTRAL BOLIVIA
	19	09	49	11.6?	7.16	S	130.15	E	100	G	4.1		0.9	8	TANIMBAR ISLANDS REG., INDONESIA
	19	10	01	26.6?	43.19	N	146.29	E	33	N	3.8		0.6	8	KURIL ISLANDS
	19	10	05	51.7*	37.593	N	36.020	E	10	G			1.5	7	TURKEY. MD 3.9 (ISK).
	19	10	42	48.6%	42.719	N	19.031	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	19	10	43	21.4%	42.702	N	18.964	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	19	10	47	06.9%	42.685	N	18.947	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	19	10	49	41.2%	42.715	N	18.969	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	19	11	11	30.6	1.240	S	136.780	E	33	N	4.8	4.9	1.0	73	IRIAN JAYA REGION, INDONESIA
	19	11	12	54.8*	0.515	S	135.437	E	33	N	4.6		1.1	22	IRIAN JAYA REGION, INDONESIA
	19	11	14	20.2*	0.469	S	135.717	E	33	N	4.7		0.9	16	IRIAN JAYA REGION, INDONESIA
	19	11	19	13.6?	0.13	N	134.75	E	33	N	4.4		1.1	7	IRIAN JAYA REGION, INDONESIA
	19	11	21	53.0*	34.894	N	71.451	E	100	G	4.1		0.9	19	PAKISTAN
	19	11	46	39.5*	16.895	S	167.650	E	33	N	4.2		1.2	14	VANUATU ISLANDS
	19	11	54	12.0?	1.29	S	137.76	E	33	N	3.8		0.9	7	NEAR NORTH COAST OF IRIAN JAYA
a	19	12	14	18.0	40.367	N	142.371	E	33	N	5.2	4.7	1.1	191	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.3 (HRV).
	19	13	01	13.6	40.395	N	28.341	E	10	G			0.7	11	TURKEY. MD 3.2 (ISK).
	19	13	08	07.8&	34.634	N	116.514	W	7					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	19	13	10	53.4*	42.614	N	2.471	E	10	G			1.4	5	PYRENEES. ML 2.5 (LDG).
	19	13	46	59.8*	0.545	S	136.945	E	33	N	4.3		0.8	13	IRIAN JAYA REGION, INDONESIA
	19	14	03	07.3	0.645	S	135.199	E	33	N	4.7		1.0	35	IRIAN JAYA REGION, INDONESIA
	19	14	05	48.8?	11.97	N	87.58	W	33	N	3.9		1.4	13	NEAR COAST OF NICARAGUA
	19	14	12	39.0	40.787	N	29.229	E	10	G			1.1	7	TURKEY. MD 2.8 (ISK).
	19	14	43	36.8&	59.765	N	151.893	W	62					43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	19	15	13	07.1*	22.097	S	175.809	W	33	N	4.7		1.2	29	TONGA ISLANDS REGION
	19	15	37	40.8%	41.082	N	22.410	E	10	G			0.5	6	NORTHWESTERN BALKAN REGION. ML 2.0 (THE).
	19	16	04	42.8*	14.040	N	93.119	E	33	N	4.2		1.1	18	ANDAMAN ISLANDS, INDIA
	19	16	27	27.4*	0.734	S	135.749	E	33	N	4.3		1.5	19	IRIAN JAYA REGION, INDONESIA
	19	16	53	52.3*	6.298	S	107.871	E	309		3.8		0.7	26	JAWA, INDONESIA
	19	16	56	05.4*	3.167	S	130.861	E	33	N	4.1		1.2	13	SERAM, INDONESIA
	19	17	02	32.7?	1.11	S	136.87	E	33	N	4.1		0.6	9	IRIAN JAYA REGION, INDONESIA
	19	17	10	06.5?	1.21	S	136.72	E	33	N	4.0		1.4	9	IRIAN JAYA REGION, INDONESIA
	19	17	52	47.7?	0.57	S	135.21	E	33	N	4.1		1.5	11	IRIAN JAYA REGION, INDONESIA
	19	17	57	08.3%	27.948	S	26.828	E	5	G			0.7	12	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	19	18	09	00.5?	2.33	N	128.25	E	33	N	3.8		0.8	8	HALMAHERA, INDONESIA
	19	18	17	42.2	0.667	S	135.280	E	33	N	4.9	4.5	1.2	70	IRIAN JAYA REGION, INDONESIA
	19	18	47	51.1*	51.603	N	7.759	E	10	G			0.7	5	GERMANY. ML 2.1 (UCC).
	19	19	08	08.2	1.010	S	136.637	E	33	N	4.9		0.9	56	IRIAN JAYA REGION, INDONESIA
	19	20	07	39.9*	0.625	S	135.330	E	33	N	3.9		0.7	17	IRIAN JAYA REGION, INDONESIA
	19	20	14	57.6	40.633	N	21.383	E	10	G			0.9	6	GREECE. ML 2.4 (SKO).
	19	20	15	18.4*	40.686	N	21.350	E	10	G			0.2	6	GREECE. ML 2.6 (SKO), 2.4 (THE).
	19	20	15	37.3&	60.795	N	149.923	W	34					51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	19	20	20	14.8*	35.218	N	89.364	E	33	N	3.7		1.0	10	XIZANG
	19	20	25	20.8%	42.625	N	2.277	E	10	G			1.0	5	PYRENEES
	19	20	45	15.6&	60.326	N	140.211	W	0					12	SOUTHEASTERN ALASKA. <AEIC>. ML 3.1 (AEIC).
	19	21	40	24.0	39.935	N	23.419	E	10	G			1.0	13	AEGEAN SEA. ML 2.4 (THE).
	19	21	57	04.4%	36.644	N	5.520	W	10	G			1.0	9	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	19	22	08	43.8%	9.228	N	79.004	W	50	G			0.7	5	PANAMA. MD 3.4 (UPA).
	19	22	13	29.7	0.926	S	137.253	E	33	N	4.8		0.8	52	IRIAN JAYA REGION, INDONESIA
	19	22	32	16.5*	39.778	N	15.200	E	296	?	3.2		1.3	13	SOUTHERN ITALY
	19	22	41	33.1*	0.372	N	17.162	W	10	G	4.1		0.7	11	NORTH OF ASCENSION ISLAND
	19	22	43	14.1*	31.290	S	68.912	W	100	G			0.0	6	SAN JUAN PROVINCE, ARGENTINA
a	19	23	28	06.2	22.120	S	179.466	W	611	D	5.1		1.0	189	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV).
	19	23	42	33.7*	0.940	S	136.958	E	33	N	4.6		0.9	18	IRIAN JAYA REGION, INDONESIA
a	19	23	48	38.5	20.341	S	169.217	E	43	G	5.8	5.3	1.2	260	VANUATU ISLANDS. Mw 5.8 (GS), 5.7 (HRV). Me 5.4 (GS). Mo=6.1*10**17 Nm (PPT). Felt at Noumea, New Caledonia. Depth from broadband displacement seismograms.
	20	00	22	24.3	7.803	S	77.975	W	33	N	4.3		0.8	20	NORTHERN PERU
	20	00	35	01.1?	28.51	N	55.23	E	33	N	4.4		0.4	5	SOUTHERN IRAN
	20	00	52	07.6	43.415	N	126.746	W	10	G	4.9	4.6	1.0	123	OFF COAST OF OREGON
	20	00	57	11.2	38.237	N	27.294	E	10	G			1.4	26	TURKEY. ML 3.9 (THE). MD 3.8 (ATH), 3.6 (ISK).
	20	01	21	08.5*	43.434	N	126.783	W	10	G	4.3		1.1	25	OFF COAST OF OREGON
	20	01	43	45.8*	4.693	S	128.221	E	33	N	4.1		1.3	14	BANDA SEA
	20	02	53	04.1	38.117	N	27.239	E	10	G	4.0		1.3	69	TURKEY. MD 4.1 (ATH), 4.0 (ISK). ML 3.9 (THE). Felt at Cesme, Izmir, Karaburun and Kusadasi.
	20	02	55	48.6	33.972	N	72.722	E	18	D	4.8	4.0	1.2	104	PAKISTAN. Felt at Abbottabad, Islamabad, Mansehra, Muzaffarabad, Rawalpindi and Swabi.
	20	02	56	40.2*	4.588	S	147.570	E	33	N	4.6		1.1	14	BISMARCK SEA
	20	02	56	43.9%	38.419	N	27.475	E	10	G			0.6	6	TURKEY. MD 2.8 (ISK).
	20	03	02	39.0*	37.984	N	27.065	E	10	G			0.9	6	TURKEY. MD 3.0 (ISK).
	20	03	33	12.1	38.107	N	27.233	E	10	G	3.8		1.3	45	TURKEY. MD 4.0 (ISK), 4.0 (ATH). ML 3.9 (THE). Felt at Cesme, Izmir, Karaburun and Kusadasi.
	20	03	37	37.1?	40.43	N	28.05	E	10	G			0.7	4	TURKEY. MD 2.6 (ISK).
	20	03	40	08.0?	39.44	N	70.32	E	33	N	3.9		1.2	6	TAJIKISTAN
	20	04	31	50.1	27.795	N	127.821	E	74	*	4.4		1.2	52	RYUKYU ISLANDS
	20	04	36	03.4*	35.210	N	29.094	E	33	N			1.3	10	EASTERN MEDITERRANEAN SEA. MD 4.0 (ATH). ML 3.7 (CSS).
	20	04	44	23.1*	1.901	S	134.053	E	33	N	4.5		1.5	19	IRIAN JAYA REGION, INDONESIA
	20	05	10	52.0	0.669	S	135.575	E	33	N	4.8		1.1	32	IRIAN JAYA REGION, INDONESIA
	20	06	29	32.6*	37.811	N	26.977	E	10	G			0.4	6	DODECANESE ISLANDS. MD 3.0 (ISK).
	20	06	31	30.2?	37.93	N	26.84	E	10	G			0.1	5	DODECANESE ISLANDS. MD 3.1 (ISK).
	20	07	32	07.4%	39.110	N	22.043	E	10	G			0.7	7	GREECE. ML 2.9 (THE).
	20	07	38	28.6*	1.092	S	136.245	E	33	N	4.4		1.4	26	IRIAN JAYA REGION, INDONESIA
	20	07	48	18.6	1.368	S	136.546	E	33	N	4.9		1.2	36	IRIAN JAYA REGION, INDONESIA
a	20	08	14	05.3	1.571	S	136.498	E	33	N	5.1	4.6	1.3	81	IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).
	20	08	19	14.1%	38.690	N	21.446	E	10	G			0.4	8	GREECE. ML 2.9 (THE).
	20	08	36	46.7	15.775	N	39.205	E	33	N	4.5	4.1	1.0	44	ETHIOPIA
	20	08	38	45.2*	0.794	S	136.971	E	33	N	4.0		0.7	14	IRIAN JAYA REGION, INDONESIA
	20	08	52	01.6	38.477	N	27.280	E	10	G			0.2	9	TURKEY. MD 3.3 (ATH), 3.3 (ISK).

	20	08	55	49.7?	17.04	N	146.13	E	33	N	4.3		1.1	7	MARIANA ISLANDS
	20	09	24	12.1*	1.348	S	136.082	E	33	N	4.5		0.9	12	IRIAN JAYA REGION, INDONESIA
	20	09	25	36.6*	36.473	N	71.718	E	100	G	4.0		1.1	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	20	09	52	08.4	38.212	N	27.302	E	10	G			0.9	20	TURKEY. MD 3.8 (ATH), 3.8 (ISK).
	20	10	07	16.1*	1.681	S	136.367	E	33	N	4.5		1.1	23	IRIAN JAYA REGION, INDONESIA
	20	11	02	28.3&	59.672	N	153.363	W	113					60	SOUTHERN ALASKA. <AEIC>.
	20	11	08	35.5?	45.64	N	145.65	E	33	N	3.6		1.3	7	HOKKAIDO, JAPAN REGION
	20	11	13	40.3*	14.860	N	144.410	E	33	N	4.2		1.2	24	MARIANA ISLANDS
	20	11	23	18.0*	14.761	N	144.772	E	51	*	4.2		1.1	25	MARIANA ISLANDS
	20	11	40	56.1*	1.288	S	136.826	E	33	N	4.6	4.3	0.9	14	IRIAN JAYA REGION, INDONESIA
	20	12	30	02.3	0.958	S	136.923	E	33	N	5.1	4.5	1.0	55	IRIAN JAYA REGION, INDONESIA
	20	12	33	33.5&	59.752	N	150.786	W	35					65	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	20	12	58	29.3	42.864	N	2.584	E	10	G			1.0	46	PYRENEES. ML 3.8 (LDG), 3.6 (STR). mbLg 3.6 (MDD).
	20	13	01	10.6*	17.379	N	61.411	W	33	N			0.5	8	LEEWARD ISLANDS. MD 3.1 (TRN). ML 2.6 (FDF).
	20	13	21	13.9	14.816	N	144.424	E	21	D	4.8	4.7	1.3	68	MARIANA ISLANDS
	20	13	37	50.4	44.434	N	7.535	E	10	G	3.7		0.6	55	NORTHERN ITALY. ML 3.5 (GEN), 3.2 (LDG), 3.2 (STR).
	20	14	02	29.0&	61.643	N	150.595	W	44					56	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	20	14	03	34.7*	38.858	N	21.338	E	10	G			0.4	8	GREECE. ML 3.0 (THE).
	20	14	12	12.1	44.506	N	17.236	E	10	G	4.9	4.5	1.2	240	NORTHWESTERN BALKAN REGION. MD 5.0 (FIR), 4.6 (TTG), 4.6 (TRI). ML 4.9 (ROM), 4.7 (VIE). Felt (VI) at Jajce, Bosnia and Herzegovina.
	20	14	25	03.8	0.788	S	136.456	E	33	N	4.7		1.0	28	IRIAN JAYA REGION, INDONESIA
	20	14	28	20.2&	26.380	S	27.501	E	5	G			0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	20	14	35	02.4	8.483	S	123.140	E	120	*	4.2		0.7	33	FLORES REGION, INDONESIA
	20	14	40	41.8	27.552	N	111.678	W	10	G	4.3		1.0	30	GULF OF CALIFORNIA
	20	15	25	27.7	44.129	N	147.764	E	33	N	3.9		0.8	31	KURIL ISLANDS
	20	16	06	39.0	0.845	S	136.420	E	33	N	4.9		0.9	31	IRIAN JAYA REGION, INDONESIA
	20	16	16	42.6	0.982	S	136.034	E	33	N	4.7		0.8	27	IRIAN JAYA REGION, INDONESIA
	20	16	34	07.1*	11.033	S	113.249	E	33	N	3.3		1.4	9	SOUTH OF JAWA, INDONESIA
	20	16	34	26.1	54.290	N	163.297	W	33	N	4.1		1.1	55	UNIMAK ISLAND REGION. ML 4.4 (PMR).
	20	16	38	59.6?	41.33	S	75.22	W	33	N	4.0		0.7	6	OFF COAST OF SOUTHERN CHILE
	20	16	49	42.7	0.935	S	136.952	E	33	N	4.8		0.9	51	IRIAN JAYA REGION, INDONESIA
	20	17	24	28.0	26.375	S	27.488	E	5	G			0.9	12	REPUBLIC OF SOUTH AFRICA. mbLg 3.5 (BUL). ML 3.1 (PRE).
	20	17	43	28.4?	22.76	S	169.65	E	33	N	4.2		1.3	11	LOYALTY ISLANDS REGION
	20	17	59	00.0*	6.700	N	127.078	E	33	N	4.2		1.3	20	PHILIPPINE ISLANDS REGION
	20	18	12	38.5	7.992	S	13.569	W	10	G	4.7	4.6	1.0	35	ASCENSION ISLAND REGION
	20	19	22	46.9	44.497	N	17.221	E	10	G	4.0		1.2	61	NORTHWESTERN BALKAN REGION. MD 4.0 (TRI). ML 3.8 (TTG), 3.7 (VIE), 3.3 (BRA).
	20	19	32	01.0*	1.299	S	136.146	E	33	N	4.4		1.0	13	IRIAN JAYA REGION, INDONESIA
	20	19	52	07.9?	1.07	S	137.42	E	33	N	3.6		1.1	6	NEAR NORTH COAST OF IRIAN JAYA
	20	20	11	18.2?	1.28	S	137.43	E	33	N	3.7		1.3	6	NEAR NORTH COAST OF IRIAN JAYA
	20	20	42	35.6*	1.027	S	136.447	E	33	N	4.5		1.2	24	IRIAN JAYA REGION, INDONESIA
	20	21	11	10.7*	0.685	S	134.773	E	33	N	4.4		1.5	20	IRIAN JAYA REGION, INDONESIA
	20	21	23	45.5	52.963	N	2.290	W	5	G			0.2	12	UNITED KINGDOM. ML 1.9 (BGS). Felt (IV) at Newcastle-under-Lyme.
	20	21	35	51.7	0.945	S	136.571	E	33	N	4.9	4.3	0.9	61	IRIAN JAYA REGION, INDONESIA
	20	22	22	33.3?	49.18	S	125.93	E	10	G	3.8		1.4	8	SOUTH OF AUSTRALIA
	20	22	33	48.4*	71.923	N	0.146	E	10	G			1.5	7	NORWEGIAN SEA
	20	23	01	12.0&	11.204	N	60.816	W	33	N			0.3	7	WINDWARD ISLANDS. MD 3.3 (TRN).
	20	23	05	56.2?	39.70	N	20.51	E	10	G			0.6	4	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
	21	00	21	14.5?	44.46	N	150.00	E	33	N	3.8		1.0	8	EAST OF KURIL ISLANDS
	21	00	28	31.3&	59.685	N	153.125	W	104		4.2			117	SOUTHERN ALASKA. <AEIC>.
	21	00	39	31.0?	0.55	N	137.43	E	33	N	3.8		1.3	6	IRIAN JAYA REGION, INDONESIA
	21	01	08	46.7?	1.25	S	137.56	E	33	N	3.8		0.6	5	NEAR NORTH COAST OF IRIAN JAYA
	21	01	13	59.0?	11.01	N	60.66	W	33	N			0.2	4	WINDWARD ISLANDS. MD 2.7 (TRN).
	21	01	46	24.8	31.777	S	69.951	W	134	*			0.9	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	21	01	58	13.8?	11.23	N	60.82	W	33	N			0.4	4	WINDWARD ISLANDS. MD 2.6 (TRN).
	21	02	38	17.2?	15.29	S	119.50	E	10	G	4.8		0.7	11	NORTHWEST OF AUSTRALIA
	21	02	46	57.7*	42.702	N	0.452	W	10	G			1.5	6	PYRENEES. mbLg 2.6 (MDD). ML 2.5 (LDG), 2.1 (STR).
	21	02	57	47.0?	1.67	S	137.71	E	33	N	3.9		0.9	6	NEAR NORTH COAST OF IRIAN JAYA
	21	03	03	08.4	26.887	S	26.768	E	5	G			0.9	11	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE). mbLg 3.6 (BUL).
	21	03	16	20.5?	1.98	S	137.24	E	33	N	3.8		1.1	6	NEAR NORTH COAST OF IRIAN JAYA
	21	04	30	06.1&	33.496	S	70.975	W	74	?			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	21	04	34	54.6?	1.89	S	138.32	E	33	N	4.3		0.4	6	NEAR NORTH COAST OF IRIAN JAYA
	21	04	57	06.1?	7.42	N	123.40	E	33	N	4.1		1.0	12	MINDANAO, PHILIPPINE ISLANDS
	21	04	59	01.0*	32.106	S	68.916	W	33	N			0.5	5	MENDOZA PROVINCE, ARGENTINA
a	21	04	59	53.4	28.883	N	34.750	E	23	D	5.1	4.4	1.0	220	EGYPT. Mw 5.3 (HRV). ML 5.4 (JER), 5.0 (HLW). MD 5.3 (RYD). Felt in northeastern Egypt. Also felt throughout Israel.
	21	06	18	45.4&	60.958	N	147.120	W	19					50	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	21	07	04	13.6	36.280	N	27.083	E	10	G			1.4	7	DODECANESE ISLANDS. MD 3.9 (ATH). ML 3.9 (THE).
	21	07	08	46.0?	28.63	N	35.08	E	10	G			0.6	10	WESTERN ARABIAN PENINSULA
	21	07	10	18.3&	34.218	S	70.562	W	100	G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	21	07	15	47.8?	1.09	S	137.86	E	33	N	3.3		0.7	5	NEAR NORTH COAST OF IRIAN JAYA
	21	07	15	48.0?	39.22	N	28.73	E	10	G			0.2	4	TURKEY. MD 2.6 (ISK).
	21	07	33	26.4&	38.977	N	29.583	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
	21	07	45	50.6?	9.02	N	83.22	W	20	G			0.3	6	COSTA RICA. MD 3.9 (UPA).
	21	08	00	57.0?	2.84	N	128.67	E	33	N	3.9		0.9	13	HALMAHERA, INDONESIA
	21	08	03	28.5?	45.90	N	3.13	E	10	G			0.4	4	FRANCE. ML 1.1 (STR).
	21	08	26	13.4?	0.60	S	136.54	E	33	N	4.3		1.2	12	IRIAN JAYA REGION, INDONESIA
	21	08	56	21.1	17.473	S	167.153	E	10	G	4.4		1.2	21	VANUATU ISLANDS
	21	09	58	44.9*	35.648	N	65.118	E	33	N	4.0		0.9	12	HINDU KUSH REGION, AFGHANISTAN
	21	10	07	44.1&	37.660	N	118.832	W	1					29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
	21	10	40	35.4&	26.881	S	26.803	E	5	G			0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	21	10	46	50.7	0.929	S	136.578	E	21	D	4.7	4.3	1.0	50	IRIAN JAYA REGION, INDONESIA
	21	10	51	08.7	21.159	S	68.682	W	122	D	4.4		1.1	43	CHILE-BOLIVIA BORDER REGION
	21	10	56	00.7&	26.346	S	27.478	E	5	G			0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	21	11	51	59.0	17.425	S	167.093	E	10	G	4.3		0.8	12	VANUATU ISLANDS
	21	12	19	03.3?	1.76	S	137.00	E	33	N	3.9		0.7	7	IRIAN JAYA REGION, INDONESIA
a	21	12	51	01.3	9.593	S	79.587	W	10	G	5.8	6.6	1.2	238	OFF COAST OF NORTHERN PERU. Mw 7.4 (GS), 7.5 (HRV). Ms 6.4 (BRK). Mo=3.0*10**20 Nm (PPT). Four fishermen killed near Chimbote and three others missing near

Callao from a regional tsunami. Two people injured at Coishco. About 150 beach huts, some homes and small boats were destroyed by waves in the Chimbote area. Felt (IV) at Chimbote and Huarmey; (III) at Casma; (II) at Huacho and Huaraz.

21	12	53	08.3%	26.381	S	27.441	E	5	G			0.7	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
21	12	53	55.5*	4.250	S	154.204	E	180	*	4.7		0.8	17	SOLOMON ISLANDS
21	13	16	52.3	9.608	S	79.969	W	25	D	4.7		0.8	47	OFF COAST OF NORTHERN PERU
21	13	21	20.2*	10.237	S	79.573	W	33	N	5.0		1.1	45	OFF COAST OF PERU
21	13	32	55.1*	9.275	S	80.164	W	33	N	4.4		1.4	23	OFF COAST OF NORTHERN PERU
21	13	35	48.7*	9.751	S	79.697	W	33	N	4.5		1.2	19	OFF COAST OF NORTHERN PERU
21	13	37	11.4*	1.174	S	136.443	E	33	N	4.5		1.0	17	IRIAN JAYA REGION, INDONESIA
21	13	47	17.1	9.788	S	79.816	W	33	N	4.9		1.1	65	OFF COAST OF NORTHERN PERU
21	14	00	59.0?	5.13	S	77.17	W	33	N	4.1		0.7	10	NORTHERN PERU
21	14	08	58.7*	36.468	N	30.520	E	10	G			0.6	5	TURKEY. MD 3.4 (ISK).
21	14	15	43.2*	41.192	N	23.200	E	10	G			0.5	5	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
21	14	45	24.7*	50.006	N	19.022	E	10	G			1.1	5	POLAND. MG 2.9 (WAR).
21	14	47	24.7	9.674	S	79.849	W	33	N	4.9		0.8	68	OFF COAST OF NORTHERN PERU
21	14	47	29.4	0.807	S	136.771	E	33	N	4.4		0.8	24	IRIAN JAYA REGION, INDONESIA
21	15	00	03.2%	28.015	S	26.789	E	5	G			0.9	10	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
21	15	00	45.5	28.146	S	26.987	E	5	G			1.0	11	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
21	15	53	14.1*	9.950	S	79.894	W	46	?	4.4		1.2	14	OFF COAST OF NORTHERN PERU
21	15	54	31.9&	34.390	N	116.458	W	3		3.7			46	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS). Felt at Yucca Valley.
21	16	26	21.8?	31.89	S	68.22	W	33	N			0.6	4	SAN JUAN PROVINCE, ARGENTINA
21	16	41	11.4%	36.155	N	2.992	W	10	G			0.4	5	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
21	16	48	22.4?	45.45	N	14.74	E	10	G			0.9	4	NORTHWESTERN BALKAN REGION. ML 1.8 (LJU).
21	17	05	14.5%	46.138	N	5.492	E	10	G			0.7	8	FRANCE. ML 2.0 (LDG).
21	17	14	32.2&	63.361	N	151.462	W	36					69	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.8 (PMR).
21	17	33	02.7*	1.508	S	136.481	E	33	N	4.0		1.0	15	IRIAN JAYA REGION, INDONESIA
21	17	43	59.3	1.513	S	136.845	E	33	N	4.7	4.5	0.9	41	IRIAN JAYA REGION, INDONESIA
21	18	57	28.5	46.373	N	7.536	E	13				0.9	64	SWITZERLAND. ML 3.7 (GRF), 3.4 (STR), 3.3 (FUR), 3.3 (LDG), 3.3 (VIE).
21	18	58	15.1%	37.250	N	2.254	W	10	G			0.8	11	SPAIN. mbLg 2.5 (MDD).
21	19	14	42.3?	3.16	N	125.94	E	33	N	4.2		0.4	6	TALAUD ISLANDS, INDONESIA
21	19	15	36.6?	39.61	N	28.17	E	10	G			0.9	4	TURKEY. MD 2.6 (ISK).
21	19	34	47.0*	42.588	N	2.412	E	10	G			0.7	6	PYRENEES. ML 2.5 (LDG).
21	19	42	21.3*	33.742	S	179.516	E	150	G	4.5		1.3	20	SOUTH OF KERMADEC ISLANDS
21	19	45	16.3*	37.364	N	142.036	E	10	G	4.1		0.8	9	OFF EAST COAST OF HONSHU, JAPAN
21	20	44	00.8?	0.65	S	136.31	E	33	N	4.2		0.9	7	IRIAN JAYA REGION, INDONESIA
21	21	35	55.9*	32.286	S	70.728	W	119	?			1.2	14	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
21	22	16	21.6	1.888	S	80.926	W	33	N	4.6		1.0	60	NEAR COAST OF ECUADOR
21	22	32	22.8?	29.97	S	70.22	W	100	G			1.0	6	CENTRAL CHILE
21	22	33	07.0	6.797	S	129.550	E	118	?	4.4		0.9	32	BANDA SEA
21	23	12	34.5?	16.62	S	174.11	W	33	N	4.2		0.6	9	TONGA ISLANDS
21	23	17	25.2*	3.179	S	128.663	E	33	N	4.7		0.9	21	SERAM, INDONESIA
21	23	19	34.3*	53.851	N	160.449	E	33	N	4.2		0.5	19	NEAR EAST COAST OF KAMCHATKA
21	23	49	22.7?	1.74	S	136.98	E	33	N	4.2		0.9	8	IRIAN JAYA REGION, INDONESIA
22	01	00	24.7*	1.317	S	136.932	E	33	N	4.4		1.3	12	IRIAN JAYA REGION, INDONESIA
22	01	11	27.3*	28.008	N	87.230	E	33	N			1.3	11	XIZANG. ML 4.1 (DMN).
22	01	18	32.9*	0.712	S	136.680	E	33	N	4.0		0.9	10	IRIAN JAYA REGION, INDONESIA
22	01	20	46.7*	0.969	S	136.703	E	33	N	4.4		1.0	19	IRIAN JAYA REGION, INDONESIA
22	01	38	01.8*	33.024	S	67.118	W	10	G			0.8	6	MENDOZA PROVINCE, ARGENTINA
22	01	39	42.5	38.280	N	22.357	E	10	G			1.0	10	GREECE. ML 3.1 (ATH), 3.0 (THE).
22	01	55	30.6*	44.433	N	149.482	E	33	N	3.9		0.8	15	KURIL ISLANDS
22	02	06	31.2	76.518	N	106.884	W	10	G	4.2		1.0	33	QUEEN ELIZABETH ISLANDS, CANADA
22	02	53	38.9*	42.610	N	2.475	E	10	G			0.9	6	PYRENEES. ML 2.4 (LDG).
22	03	04	29.9?	9.55	N	83.26	W	10	G			0.7	6	COSTA RICA. MD 3.9 (UPA).
22	03	04	40.5	40.655	N	21.646	E	10	G	3.9		1.2	64	GREECE. ML 3.8 (TTG), 3.6 (SKO), 3.5 (THE), 3.5 (TIR). MD 3.8 (ATH).
22	03	08	03.3*	40.557	N	21.463	E	10	G			0.5	5	GREECE. ML 2.5 (THE).
22	03	30	07.6*	1.065	S	136.801	E	33	N	4.0		1.2	16	IRIAN JAYA REGION, INDONESIA
22	03	41	37.8	40.648	N	21.557	E	5	G			0.9	11	GREECE. ML 2.6 (THE), 2.3 (SKO).
22	04	02	38.0?	30.17	S	70.15	W	120	G			0.9	7	CHILE-ARGENTINA BORDER REGION
22	04	44	49.6	1.176	S	136.800	E	33	N	4.5		0.8	28	IRIAN JAYA REGION, INDONESIA
22	05	56	17.9?	29.91	S	70.21	W	80	G			1.1	6	CENTRAL CHILE
22	06	00	20.5*	5.091	S	11.620	W	10	G	4.6	4.3	1.1	22	ASCENSION ISLAND REGION
22	06	05	41.6	20.294	S	68.944	W	118	D	4.9		1.2	80	CHILE-BOLIVIA BORDER REGION. Felt in Tarapaca Province, Chile.
22	06	36	29.6?	12.61	N	88.76	W	33	N	3.6		0.7	7	OFF COAST OF CENTRAL AMERICA
22	06	43	40.0	37.898	N	29.325	E	10	G			1.5	7	TURKEY. MD 3.2 (ISK).
22	07	07	34.0	42.602	N	2.506	E	10	G			0.5	7	PYRENEES. ML 2.4 (LDG), 2.4 (STR).
22	07	10	13.0?	85.47	N	89.48	E	10	G	4.0		0.9	12	NORTH OF SEVERNAYA ZEMLYA
22	07	47	25.0	40.638	N	21.627	E	10	G	4.0		1.2	53	GREECE. ML 4.0 (TTG), 3.9 (ATH), 3.9 (TIR), 3.7 (SKO).
22	07	49	34.1	40.602	N	21.549	E	10	G			0.4	7	GREECE. ML 2.5 (THE), 2.1 (SKO).
22	07	51	47.4*	40.593	N	21.529	E	10	G			0.9	6	GREECE. ML 2.2 (THE).
22	08	05	57.8*	35.343	N	27.345	E	5	G			1.4	8	DODECANESE ISLANDS. MD 3.8 (ATH). ML 3.8 (THE).
22	08	15	44.6*	42.610	N	2.477	E	10	G			1.1	5	PYRENEES. ML 2.5 (LDG).
22	08	38	36.4	8.602	N	83.106	W	33	N	5.1	4.6	1.0	128	COSTA RICA. MD 4.7 (UPA).
22	08	53	04.5	35.424	N	27.370	E	54		4.0		1.3	62	DODECANESE ISLANDS. MD 4.1 (ATH).
22	09	04	04.2*	45.229	N	150.381	E	33	N	3.8		0.9	12	KURIL ISLANDS
22	09	07	36.6?	18.66	N	67.22	W	33	N			0.2	5	MONA PASSAGE. MD 2.7 (MPR).
22	09	20	19.5	9.758	S	79.667	W	33	N	4.8		1.1	43	OFF COAST OF NORTHERN PERU
22	09	30	05.5	40.680	N	21.644	E	5	G			1.4	11	GREECE. ML 2.8 (THE).
22	10	03	56.2*	8.589	N	82.936	W	10	G	4.3		0.5	7	PANAMA-COSTA RICA BORDER REGION. MD 4.1 (UPA).
22	10	52	57.0*	33.039	S	70.219	W	121	?			0.9	16	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
22	10	56	07.7%	44.374	N	7.336	E	10	G			0.7	6	NORTHERN ITALY. ML 1.9 (GEN).
22	11	20	54.1*	40.613	N	21.552	E	10	G			0.5	5	GREECE. ML 2.0 (THE).
22	11	29	38.6%	26.876	S	26.743	E	5	G			0.6	10	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
22	11	40	15.7*	24.306	S	67.048	W	193		3.8		1.1	17	CHILE-ARGENTINA BORDER REGION
22	11	53	18.0*	50.053	N	19.125	E	10	G			0.3	5	POLAND. MG 3.0 (WAR).
22	11	58	19.4&	62.375	N	148.142	W	17					84	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
22	12	09	07.3*	9.810	S	79.804	W	33	N	4.2		1.0	27	OFF COAST OF NORTHERN PERU

	22	13	29	13.8%	38.728	N	27.098	E	10	G		1.0	5	TURKEY. MD 2.9 (ISK).
a	22	13	40	53.4	33.672	S	71.671	W	43	G	5.9 5.5	1.1	335	NEAR COAST OF CENTRAL CHILE. Mw 6.0 (GS), 5.9 (HRV). Me 5.7 (GS). MD 5.7 (SAN). One person injured at Santiago. Minor damage (VII) at Papudo. Felt (V) at Coquimbo, Rancagua, Santiago and Valparaiso; (IV) in Maule Province. Mud walls collapsed at Las Cabras and Melipilla. Mudslides blocked roads in the San Antonio area. Depth from broadband displacement seismograms.
	22	14	03	41.1%	39.204	N	28.180	E	10	G		0.8	8	TURKEY. MD 2.9 (ISK).
	22	14	08	10.7?	43.12	N	0.60	W	10	G		0.4	4	PYRENEES. ML 1.6 (STR).
	22	14	10	05.3*	33.703	S	71.669	W	40	G		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
a	22	14	59	08.9	45.263	N	148.542	E	124	G	6.3	0.9	662	KURIL ISLANDS. Mw 6.3 (GS), 6.3 (HRV). Me 6.3 (GS). Felt (IV) at Kurilsk, Iturup and (II) at Yuzhno-Kurilsk, Kunashir. Mo=5.1*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	22	15	08	54.5*	9.642	S	79.622	W	34	*	4.5	1.1	32	OFF COAST OF NORTHERN PERU
	22	15	20	53.7	40.648	N	21.653	E	10	G		1.3	14	GREECE. MD 3.2 (ATH). ML 3.0 (THE).
	22	15	23	07.0	40.571	N	21.521	E	10	G		0.3	6	GREECE. ML 2.4 (THE).
	22	16	20	01.6%	33.630	S	71.644	W	40	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	22	16	42	55.1*	0.901	S	135.701	E	90	?	4.5	1.3	31	IRIAN JAYA REGION, INDONESIA
	22	16	49	59.6	57.626	N	142.868	W	10	G		0.7	50	GULF OF ALASKA. ML 3.4 (AEIC).
	22	16	53	34.7&	39.995	N	122.879	W	7				20	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	22	17	46	28.7%	26.368	S	27.459	E	5	G		0.8	8	REPUBLIC OF SOUTH AFRICA
	22	18	09	12.1?	8.68	S	123.25	E	224	?	3.8	0.6	10	FLORES REGION, INDONESIA
	22	18	15	38.7*	50.445	N	18.760	E	10	G		1.0	6	POLAND. MG 2.6 (WAR).
	22	18	40	31.3%	44.156	N	7.600	E	5	G		0.1	6	NORTHERN ITALY. ML 1.8 (GEN).
	22	18	56	58.9	40.215	N	21.962	E	5	G		1.2	23	GREECE. MD 3.3 (ATH). ML 2.8 (THE).
	22	19	12	44.3%	34.076	S	70.760	W	90	G		0.7	8	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	22	19	14	39.8*	40.596	N	21.524	E	10	G		0.3	5	GREECE. ML 2.0 (THE).
	22	19	30	45.2?	40.75	N	27.65	E	10	G		0.7	4	TURKEY. MD 2.7 (ISK).
	22	19	31	39.5*	40.550	N	21.489	E	10	G		0.4	6	GREECE. ML 2.1 (THE).
	22	20	06	16.4&	49.897	N	123.902	W	2		4.1		89	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.0 (PGC). Felt (IV) at Sechelt, British Columbia. Also felt at Nanaimo, Powell River and Vancouver, British Columbia.
	22	20	13	43.7	19.714	N	109.262	W	10	G	4.7	1.1	81	REVILLA GIGEDO ISLANDS REGION
	22	20	34	37.6*	6.393	S	151.635	E	67	?	3.9	1.1	13	NEW BRITAIN REGION, P.N.G.
	22	20	41	30.7%	45.005	N	7.007	E	5	G		0.8	7	NORTHERN ITALY. ML 1.9 (GEN).
	22	20	58	47.1*	9.949	S	79.918	W	33	N	4.4	1.1	20	OFF COAST OF NORTHERN PERU
	22	21	35	21.1*	37.384	N	36.365	E	10	G		0.2	5	TURKEY. MD 3.5 (ISK).
	22	22	35	00.7&	40.652	N	124.681	W	15		3.2		33	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.4 (GM). ML 3.9 (BRK), 3.7 (GS). Mo=4.9*10**14 Nm (BRK). Felt (IV) at Fields Landing and Loleta; (III) at Bridgeville, Hydesville and Samoa. Also felt at Eureka, Ferndale and The College of the Redwoods.
	22	23	01	19.1%	44.798	N	7.232	E	10	G		0.6	8	NORTHERN ITALY. ML 2.2 (GEN).
	22	23	47	06.9?	39.71	N	20.71	E	33	N		1.3	4	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	23	00	06	35.0	42.601	N	2.473	E	10	G		0.9	7	PYRENEES. ML 2.3 (LDG), 2.3 (STR).
	23	00	11	23.6	29.938	S	61.519	E	10	G	4.5 4.8	1.0	24	SOUTHWEST INDIAN RIDGE
	23	00	28	03.9*	50.997	N	16.237	E	5	G		1.2	6	POLAND. ML 2.7 (MOX).
	23	00	40	49.6?	36.52	N	9.74	W	10	G		0.7	5	WEST OF GIBRALTAR
	23	00	48	40.9%	42.058	N	19.694	E	33	N		0.8	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	23	01	07	50.1*	9.456	S	80.172	W	33	N	4.4 3.7	0.8	30	OFF COAST OF NORTHERN PERU
	23	01	28	05.5	9.520	S	80.188	W	33	N	4.8	1.0	71	OFF COAST OF NORTHERN PERU
	23	01	33	15.7*	14.137	N	118.888	E	33	N	4.1	0.7	9	PHILIPPINE ISLANDS REGION
	23	01	55	11.6*	47.240	N	11.394	E	10	G		0.7	5	AUSTRIA. ML 2.2 (FUR).
	23	02	23	01.0	38.446	N	26.750	E	5	G		1.2	10	AEGEAN SEA. MD 3.4 (ATH), 3.3 (ISK). ML 3.4 (THE).
	23	02	23	47.3?	9.86	N	70.14	W	33	N	3.7	0.9	8	VENEZUELA
	23	02	24	56.7*	38.586	N	26.901	E	10	G		0.5	5	AEGEAN SEA. MD 3.1 (ISK).
	23	03	00	55.1	10.278	N	62.216	W	10	G	3.8	1.3	22	NEAR COAST OF VENEZUELA. MD 4.4 (TRN).
	23	04	07	15.0	4.164	N	78.743	W	33	N	4.6	1.0	64	SOUTH OF PANAMA. MD 4.5 (UPA).
	23	04	22	08.2*	26.448	S	70.831	W	58	?	4.1	1.3	14	NEAR COAST OF NORTHERN CHILE
	23	04	35	05.9	1.057	S	137.129	E	33	N	4.8	1.1	47	NEAR NORTH COAST OF IRIAN JAYA
	23	05	15	29.5?	1.65	S	137.37	E	33	N	4.1	1.4	7	NEAR NORTH COAST OF IRIAN JAYA
	23	05	29	29.0*	23.752	S	69.267	W	88	?	2.5	0.8	6	NORTHERN CHILE
	23	05	34	34.9*	43.179	N	0.357	W	10	G		1.2	8	PYRENEES. ML 2.6 (LDG), 2.1 (STR). mbLg 2.6 (MDD).
	23	06	47	43.5*	7.702	N	126.639	E	58	*	4.1	1.0	21	MINDANAO, PHILIPPINE ISLANDS
	23	06	49	08.1	38.738	N	119.593	W	5	G		0.7	35	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (BRK), 3.0 (GS). MD 3.0 (GM).
	23	07	17	22.0*	36.454	N	31.149	E	10	G		1.4	5	TURKEY. MD 3.3 (ISK).
	23	07	18	05.4	2.852	N	128.490	E	58	D	4.8	1.2	68	HALMAHERA, INDONESIA
	23	07	30	21.1	35.273	N	4.116	W	10	G		1.0	8	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	23	07	45	24.8%	32.740	S	70.167	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
	23	08	11	00.1	44.504	N	10.750	E	10	G		0.8	26	NORTHERN ITALY. ML 3.5 (STR), 3.1 (LDG).
	23	08	17	51.7%	37.021	N	4.025	W	10	G		0.8	6	SPAIN. mbLg 2.6 (MDD).
	23	08	40	30.9?	48.41	N	153.86	E	33	N	3.8	1.1	11	KURIL ISLANDS
	23	08	48	09.9	1.116	S	137.000	E	41	?	4.5	0.8	34	NEAR NORTH COAST OF IRIAN JAYA
	23	10	31	00.1	38.560	N	23.708	E	10	G		0.7	12	GREECE. ML 3.2 (ATH), 2.9 (THE).
	23	10	56	12.1%	44.321	N	8.270	E	10	G		0.3	12	NORTHERN ITALY. ML 2.4 (GEN).
	23	11	03	24.3*	0.580	S	137.445	E	33	N	4.3	0.3	13	IRIAN JAYA REGION, INDONESIA
	23	11	11	00.4?	33.83	S	71.22	W	33	N		0.4	7	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	23	11	22	28.7*	0.689	S	135.562	E	40	?	4.5	1.1	14	IRIAN JAYA REGION, INDONESIA
	23	12	00	50.1*	32.023	N	39.363	W	10	G	4.0	0.8	18	NORTHERN MID-ATLANTIC RIDGE
	23	12	56	28.2	8.649	N	83.252	W	10	G	4.0	0.7	15	COSTA RICA. MD 4.2 (UPA).
	23	13	23	45.9&	63.175	N	150.533	W	128				61	CENTRAL ALASKA. <AEIC>.
	23	13	41	09.9*	8.633	N	83.198	W	5	G	4.7	0.5	8	COSTA RICA. MD 4.5 (UPA).
	23	13	57	15.8	35.710	N	56.913	E	55	*	4.3	0.8	43	NORTHERN IRAN
	23	14	40	47.8&	63.360	N	151.369	W	25				47	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	23	15	06	07.4	38.424	N	22.343	E	5	G		1.0	13	GREECE. MD 3.1 (ATH). ML 2.7 (THE).
	23	16	35	05.6*	28.799	N	129.258	E	33	N	4.3	1.1	27	RYUKYU ISLANDS
	23	16	47	12.0	36.508	N	4.414	E	10	G	3.9	1.1	82	NORTHERN ALGERIA. mbLg 4.0 (MDD).
	23	17	06	08.3*	0.614	S	136.650	E	33	N	4.5	1.2	11	IRIAN JAYA REGION, INDONESIA
	23	17	44	28.7%	44.044	N	8.665	E	5	G		0.3	8	NORTHERN ITALY. ML 2.3 (GEN).
	23	17	51	46.5%	33.232	S	70.388	W	90	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).

	23	18	00	22.2*	9.326	S	79.450	W	33	N	4.5		1.1	24	OFF COAST OF NORTHERN PERU
	23	18	14	50.0%	40.774	N	30.043	E	10	G			0.9	7	TURKEY. MD 2.8 (ISK).
	23	18	32	26.9	39.889	N	20.653	E	5	G			1.3	8	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.4 (THE).
	23	18	50	46.8*	11.341	N	126.168	E	37	D	4.2		1.4	29	PHILIPPINE ISLANDS REGION
	23	19	06	22.4%	27.912	S	26.868	E	5	G			0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	23	19	12	11.5?	1.50	S	135.63	E	33	N	4.4		1.5	8	IRIAN JAYA REGION, INDONESIA
	23	19	25	53.8&	62.745	N	148.786	W	13					57	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	23	20	49	43.3*	1.018	S	136.677	E	33	N	4.1		0.9	10	IRIAN JAYA REGION, INDONESIA
	23	20	55	54.4?	21.52	N	122.35	E	33	N	3.4		1.4	5	TAIWAN REGION
	23	21	15	12.7?	0.79	S	136.44	E	33	N	4.2		0.7	9	IRIAN JAYA REGION, INDONESIA
	23	21	19	43.9	35.696	N	71.086	E	33	N	3.9		1.0	23	PAKISTAN
	23	21	31	27.7	37.453	N	20.886	E	50		4.4		1.2	172	IONIAN SEA. MD 4.4 (ATH).
	23	22	03	20.4	0.996	S	137.118	E	33	N	4.8		1.0	33	IRIAN JAYA REGION, INDONESIA
	23	23	15	19.2%	27.777	S	26.703	E	5	G			1.2	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	23	23	29	15.8*	16.158	S	176.088	W	359	*	4.1		1.1	27	FIJI ISLANDS REGION
	24	00	57	39.9	27.198	N	99.995	E	33	N	4.4		1.2	44	YUNNAN, CHINA. ML 4.0 (BJI).
	24	01	38	29.6*	1.565	S	137.104	E	33	N	4.4		1.4	11	NEAR NORTH COAST OF IRIAN JAYA
	24	01	45	44.5%	26.947	S	26.808	E	5	G			1.1	9	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
	24	01	48	37.8*	17.845	S	178.530	W	600	*	4.3		1.1	34	FIJI ISLANDS REGION
	24	01	52	33.8&	59.784	N	153.342	W	120					69	SOUTHERN ALASKA. <AEIC>.
	24	01	56	18.6?	36.31	N	3.07	W	10	G			0.4	4	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	24	02	19	20.7*	31.207	S	68.325	W	100	G			1.1	6	SAN JUAN PROVINCE, ARGENTINA
	24	02	29	31.5	40.214	N	21.701	E	10	G			0.8	8	GREECE. ML 3.0 (THE). MD 3.0 (ATH).
	24	02	47	02.8?	4.94	S	151.53	E	150	G	4.3		0.9	8	NEW BRITAIN REGION, P.N.G.
	24	02	56	14.8?	38.06	N	22.68	E	10	G			0.7	4	GREECE. MD 2.8 (ATH). ML 2.7 (THE).
	24	03	20	44.1?	8.44	N	82.77	W	20	G			1.4	7	PANAMA-COSTA RICA BORDER REGION. MD 4.0 (UPA).
	24	03	31	41.8&	61.040	N	150.149	W	39					55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	03	38	36.7	40.166	N	21.558	E	5	G			0.7	7	GREECE. ML 2.1 (THE).
	24	03	43	54.1	44.384	N	28.354	W	10	G	4.5	4.2	0.9	74	NORTHERN MID-ATLANTIC RIDGE
	24	03	45	13.5*	7.367	S	146.749	E	10	G	3.9		1.0	11	EASTERN NEW GUINEA REG., P.N.G.
	24	03	51	17.7&	48.484	N	119.997	W	2					36	WASHINGTON. <SEA-P>. MD 2.9 (SEA).
	24	04	06	02.9*	16.574	S	72.976	W	33	N	4.2		1.1	14	NEAR COAST OF PERU. Felt (II) at Arequipa.
	24	04	15	42.0&	61.206	N	150.111	W	37					49	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	04	16	15.7*	42.834	N	0.524	W	10	G			0.1	5	PYRENEES. ML 2.1 (LDG), 1.8 (STR).
	24	04	30	05.8*	35.738	N	26.585	E	33	N			0.5	7	CRETE. MD 3.7 (ATH). ML 3.7 (THE).
	24	05	07	47.4	38.394	N	21.959	E	5	G			0.9	10	GREECE. MD 3.1 (ATH). ML 3.1 (THE).
	24	05	21	46.4	31.825	S	69.073	W	125		4.3		1.0	48	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	24	05	44	41.1?	1.44	S	135.24	E	33	N	4.2		1.3	6	IRIAN JAYA REGION, INDONESIA
	24	05	53	29.8	40.588	N	21.501	E	10	G			0.2	6	GREECE. ML 2.0 (THE).
	24	05	59	05.4%	40.702	N	29.969	E	5	G			0.4	6	TURKEY. MD 2.8 (ISK).
	24	06	23	12.6&	60.214	N	151.441	W	51					32	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
a	24	06	52	13.3	4.731	S	152.814	E	82		5.1		0.9	136	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
	24	08	24	41.8%	18.249	N	66.472	W	37	?			0.1	6	PUERTO RICO REGION. MD 2.5 (MPR).
	24	09	04	47.1&	62.476	N	151.152	W	88		3.8			117	CENTRAL ALASKA. <AEIC>.
	24	09	21	31.9	1.569	S	127.422	E	33	N	4.3		1.0	18	HALMAHERA, INDONESIA
	24	10	27	01.0?	31.69	S	68.55	W	100	G			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	24	10	29	29.5	40.611	N	21.577	E	5	G			0.9	16	GREECE. MD 2.9 (ATH). ML 2.5 (THE), 2.5 (SKO).
	24	10	45	07.9*	27.031	N	126.642	E	33	N	4.3		1.1	16	NORTHWEST OF RYUKYU ISLANDS
	24	11	10	03.1*	44.940	N	148.469	E	74	?	3.9		0.7	27	KURIL ISLANDS
	24	11	23	20.2*	8.676	S	108.282	W	10	G	4.2		0.7	19	CENTRAL EAST PACIFIC RISE
	24	12	14	17.2%	30.779	S	117.097	E	10	G			0.3	5	WESTERN AUSTRALIA
	24	13	21	26.0	28.084	S	26.887	E	5	G			1.2	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	24	13	46	05.8%	26.919	S	26.749	E	5	G			0.9	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	24	13	47	33.1&	63.087	N	150.708	W	119					50	CENTRAL ALASKA. <AEIC>.
	24	14	14	43.9%	39.422	N	27.878	E	5	G			0.6	5	TURKEY. MD 2.8 (ISK).
	24	14	17	03.4?	0.98	S	136.67	E	33	N	4.2		0.8	6	IRIAN JAYA REGION, INDONESIA
	24	14	20	08.5*	10.122	S	80.155	W	33	N	4.6		1.0	37	OFF COAST OF PERU
	24	14	34	41.6	41.590	N	15.246	E	10	G			0.5	12	SOUTHERN ITALY
a	24	15	52	59.1	0.869	S	137.346	E	33	N	5.6	5.8	1.1	167	IRIAN JAYA REGION, INDONESIA. Mw 6.2 (GS), 6.2 (HRV). Me 5.9 (GS). Mo=1.1*10**18 Nm (PPT).
	24	16	20	17.3	6.999	S	127.348	E	374	*	4.1		0.8	18	BANDA SEA
	24	16	36	23.8	40.592	N	21.576	E	10	G			0.9	7	GREECE. ML 2.2 (THE).
	24	16	39	35.5*	40.511	N	21.452	E	10	G			1.0	5	GREECE
	24	17	22	16.1	46.365	N	13.253	E	10	G			1.0	13	AUSTRIA. ML 2.9 (VIE), 2.7 (LJU). MD 2.8 (TRI).
	24	17	52	19.6	37.602	N	139.885	E	135		4.3		0.9	65	EASTERN HONSHU, JAPAN
	24	18	38	36.5	27.007	N	100.026	E	10	G	4.3		1.2	14	YUNNAN, CHINA. ML 3.8 (BJI).
	24	18	40	52.9%	44.487	N	7.305	E	5	G			0.3	8	NORTHERN ITALY. ML 2.2 (GEN).
	24	18	43	34.2?	0.44	S	109.95	E	33	N	4.1		1.3	8	BORNEO
	24	18	57	07.2&	34.098	N	117.491	W	15					43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS). Felt.
	24	19	02	03.8%	26.808	S	26.763	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	24	19	07	44.7*	1.442	S	136.234	E	33	N	4.6		1.3	26	IRIAN JAYA REGION, INDONESIA
	24	19	38	28.5	39.933	N	23.389	E	5	G			0.6	9	AEGEAN SEA. ML 2.1 (THE).
a	24	19	56	48.5	0.972	S	137.308	E	33	N	5.1	5.0	1.2	85	IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV).
	24	20	04	55.3	40.596	N	21.629	E	10	G	3.5		1.0	43	GREECE. ML 3.7 (TTG), 3.3 (SKO), 3.1 (THE). MD 3.4 (ATH).
a	24	20	33	32.6	29.312	N	142.347	E	42	D	5.0	4.8	1.0	156	SOUTH OF HONSHU, JAPAN. Mw 5.2 (HRV).
	24	20	42	01.2%	39.182	N	28.312	E	10	G			0.4	6	TURKEY. MD 2.9 (ISK).
	24	20	45	10.6?	10.04	S	80.56	W	33	N	4.2		1.1	15	OFF COAST OF PERU
	24	20	52	44.3?	34.47	S	71.53	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	24	20	58	15.1?	36.30	N	140.86	E	33	N			1.2	6	NEAR EAST COAST OF HONSHU, JAPAN
	24	21	03	21.4*	38.490	N	21.987	E	5	G			0.4	5	GREECE. MD 2.9 (ATH). ML 3.0 (THE).
	24	21	06	50.4	37.000	N	36.854	E	5	G			0.8	7	TURKEY. MD 3.3 (ISK).
	24	21	37	41.4	36.519	N	141.831	E	33	N	3.9		1.1	28	NEAR EAST COAST OF HONSHU, JAPAN
	24	22	34	25.2?	0.09	N	121.58	E	33	N	3.2		1.3	6	MINAHASSA PENINSULA, SULAWESI
	24	22	40	03.4	44.321	N	149.647	E	33	N	4.4		0.9	46	KURIL ISLANDS
	24	22	44	09.6	39.914	N	21.305	E	5	G			0.6	19	GREECE. MD 3.2 (ATH). ML 3.0 (THE).
	24	23	36	01.8?	34.18	S	70.10	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	24	23	38	01.5*	35.960	N	29.636	E	10	G			0.5	5	EASTERN MEDITERRANEAN SEA. MD 3.1 (ISK).
	24	23	39	40.5*	43.854	N	147.062	E	112	?	3.8		1.0	13	KURIL ISLANDS
	24	23	44	52.6*	0.683	N	123.768	E	270	?	4.4		0.9	28	MINAHASSA PENINSULA, SULAWESI
	25	00	24	02.9*	40.181	N	21.584	E	10	G			0.6	5	GREECE. ML 2.4 (THE).

	25	00	54	25.1*	0.904	S	136.094	E	101	?	4.3	1.0	14	IRIAN JAYA REGION, INDONESIA
	25	01	09	54.2	27.043	N	140.315	E	397		4.3	0.9	43	BONIN ISLANDS REGION
	25	01	20	01.8	38.808	N	15.687	E	208		4.8	1.0	274	SICILY. MD 4.5 (TTG).
	25	01	42	07.5	37.318	N	27.555	E	5	G		0.8	9	TURKEY. MD 3.7 (ATH), 3.4 (ISK). ML 3.7 (THE).
	25	02	31	24.9	49.819	N	18.440	E	10	G		0.7	9	CZECH AND SLOVAK REPUBLICS
	25	02	31	29.6?	11.16	N	86.50	W	62	?	3.9	1.0	13	NEAR COAST OF NICARAGUA
	25	02	54	20.4&	39.259	N	28.769	E	5	G		0.4	5	TURKEY. MD 2.7 (ISK).
	25	03	03	06.6*	0.713	S	135.613	E	33	N	4.1	0.9	6	IRIAN JAYA REGION, INDONESIA
a	25	03	08	15.8	15.978	N	98.070	W	21	G	6.1 6.9	1.2	403	OFF COAST OF GUERRERO, MEXICO. Mw 7.1 (GS), 7.1 (HRV). Me 6.5 (GS). Ms 6.6 (BRK). Felt along the Guerrero and Oaxaca coasts. Also felt at Mexico City. Two events about 6.4 seconds apart. Depth from broadband displacement seismograms, based on second event.
	25	03	20	30.3	16.009	N	98.033	W	33	N	4.6	1.1	34	NEAR COAST OF GUERRERO, MEXICO
	25	03	24	44.3*	16.084	N	97.786	W	33	N	4.2	1.2	20	OAXACA, MEXICO
	25	04	00	04.4*	15.671	N	98.000	W	33	N	4.0	1.3	21	OFF COAST OF GUERRERO, MEXICO
	25	04	17	09.3	15.963	N	97.920	W	33	N	5.1	1.1	122	NEAR COAST OF OAXACA, MEXICO
	25	04	17	11.3	22.249	S	175.894	W	33	N	5.7	1.0	277	TONGA ISLANDS REGION
	25	04	49	08.9*	15.642	N	98.088	W	33	N	3.9	1.3	17	OFF COAST OF GUERRERO, MEXICO
	25	05	05	20.6?	15.49	N	97.96	W	33	N	3.9	0.8	9	NEAR COAST OF OAXACA, MEXICO
	25	05	07	10.5*	15.806	N	97.752	W	33	N	4.2	1.3	32	NEAR COAST OF OAXACA, MEXICO
	25	05	28	28.4&	60.293	N	140.858	W	4				22	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	25	05	34	27.5	15.896	N	97.934	W	33	N	4.8	1.2	87	NEAR COAST OF OAXACA, MEXICO
	25	05	40	26.9	15.997	N	98.160	W	20	G	4.6	1.2	42	OFF COAST OF GUERRERO, MEXICO
	25	05	52	48.2	23.926	S	66.619	W	231	D	4.5	1.1	71	JUJUY PROVINCE, ARGENTINA
	25	05	53	06.8*	15.842	N	98.261	W	33	N	4.1	1.3	26	OFF COAST OF GUERRERO, MEXICO
	25	06	06	00.0?	15.90	N	98.09	W	33	N	3.9	1.2	7	OFF COAST OF GUERRERO, MEXICO
	25	06	10	23.2?	15.80	N	98.07	W	33	N	3.9	1.3	17	OFF COAST OF GUERRERO, MEXICO
	25	06	15	50.1	21.524	S	179.299	W	562	*	4.4	0.9	28	FIJI ISLANDS REGION
	25	06	18	15.8	26.946	S	26.624	E	5	G	4.3	1.5	28	REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE).
	25	06	24	30.4?	15.35	N	97.84	W	33	N	4.1	1.4	14	NEAR COAST OF OAXACA, MEXICO
	25	06	31	05.7*	15.744	N	97.673	W	33	N	4.2	1.3	34	NEAR COAST OF OAXACA, MEXICO
	25	06	40	34.4&	28.016	S	26.842	E	5	G		0.5	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	25	06	56	30.8*	34.058	N	129.538	E	33	N	4.0	0.3	8	SOUTH KOREA
	25	07	19	11.5*	36.542	N	35.494	E	10	G		1.0	5	TURKEY
	25	07	23	49.7	42.684	N	2.469	E	5	G		1.0	12	PYRENEES. mbLg 3.0 (MDD). ML 2.8 (STR), 2.7 (LDG).
	25	07	50	48.4?	15.61	N	97.89	W	33	N	4.2	1.4	19	NEAR COAST OF OAXACA, MEXICO
	25	08	21	55.1?	36.08	N	0.81	W	10	G		0.8	9	WESTERN MEDITERRANEAN SEA. mbLg 2.7 (MDD).
	25	08	34	35.1?	1.11	S	137.03	E	33	N	4.0	1.4	8	NEAR NORTH COAST OF IRIAN JAYA
	25	08	44	41.3*	15.728	N	97.697	W	33	N	4.3	1.1	29	NEAR COAST OF OAXACA, MEXICO
	25	08	45	54.7?	9.45	S	79.46	W	33	N	4.0	1.3	9	OFF COAST OF NORTHERN PERU
	25	09	01	42.0	58.060	N	154.294	W	10	G		1.2	14	ALASKA PENINSULA. ML 3.8 (PMR).
	25	09	05	58.2?	32.16	S	68.65	W	33	N		0.5	4	MENDOZA PROVINCE, ARGENTINA
	25	09	07	17.4*	15.373	N	97.647	W	33	N	4.2	1.3	25	NEAR COAST OF OAXACA, MEXICO
a	25	09	17	57.0	16.122	N	97.930	W	12	G	5.6 5.4	1.0	266	OAXACA, MEXICO. Mw 6.2 (GS), 5.9 (HRV). Me 5.5 (GS). Ms 5.4 (BRK). Felt at Mexico City. Depth from broadband displacement seismograms.
	25	09	29	38.3	29.983	N	131.329	E	33		4.5	0.9	46	SOUTHEAST OF RYUKYU ISLANDS
	25	09	48	16.9?	34.47	S	70.65	W	110	G		0.2	8	CHILE-ARGENTINA BORDER REGION
	25	10	10	50.0	42.848	N	1.868	W	10	G	3.9	1.0	133	PYRENEES. ML 4.4 (LDG). mbLg 4.0 (MDD). Felt (V) in the Pamplona area, Spain.
	25	10	12	41.8*	3.907	S	138.248	E	33	N	3.9	0.4	6	IRIAN JAYA, INDONESIA
	25	10	20	55.9?	15.67	N	97.70	W	33	N	4.1	1.3	18	NEAR COAST OF OAXACA, MEXICO
	25	12	18	35.2	15.810	N	98.013	W	33	N	4.2	1.3	40	OFF COAST OF GUERRERO, MEXICO
	25	12	20	53.0&	44.944	N	6.800	E	10	G		0.5	5	FRANCE. ML 2.1 (GEN).
	25	12	26	54.3*	18.719	S	169.342	E	243		4.4	1.1	50	VANUATU ISLANDS
	25	12	46	43.8?	16.27	S	174.70	E	33	N	4.2	1.0	12	FIJI ISLANDS REGION
	25	13	07	56.6?	15.24	S	174.02	W	74	?	4.4	0.5	10	TONGA ISLANDS
	25	13	12	25.7	71.082	N	5.872	W	10	G	3.9	1.0	29	JAN MAYEN ISLAND REGION
	25	13	13	42.9&	57.986	N	154.516	W	0		4.0		85	KODIAK ISLAND REGION. <AEIC>. ML 4.0 (AEIC), 4.2 (PMR).
	25	13	50	37.1?	15.01	N	97.90	W	33	N	4.0	1.3	19	NEAR COAST OF OAXACA, MEXICO
	25	14	00	09.4	50.242	N	19.014	E	10	G	3.0	0.7	11	POLAND. ML 3.0 (CLL).
a	25	14	17	17.2	12.964	N	91.063	W	8	G	5.6 5.3	1.1	310	OFF COAST OF CENTRAL AMERICA. Mw 5.9 (GS), 5.8 (HRV). Me 6.0 (GS). Ms 5.0 (BRK). Two events about 2.0 seconds apart. Depth from synthetics of broadband displacement seismograms.
	25	14	23	23.8	51.608	N	11.316	E	10	G		1.1	16	GERMANY. ML 3.1 (VIE), 2.6 (CLL).
	25	14	27	30.9	16.155	N	97.729	W	33	N	5.2	1.1	133	OAXACA, MEXICO
	25	14	40	53.7&	37.657	N	118.881	W	5				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	25	14	44	12.6	16.148	N	97.723	W	33	N	4.7 4.9	1.1	77	OAXACA, MEXICO
	25	14	46	59.6*	16.078	N	97.591	W	33	N	4.5	1.0	17	OAXACA, MEXICO
	25	14	51	58.9	16.173	N	97.735	W	33	N	4.7	1.2	44	OAXACA, MEXICO
	25	14	54	11.7?	16.05	N	97.75	W	33	N	4.6	0.9	18	OAXACA, MEXICO
	25	15	00	50.4*	0.634	S	134.955	E	33	N	4.0	0.9	8	IRIAN JAYA REGION, INDONESIA
	25	15	02	31.2	16.080	N	97.680	W	33	N	4.5	1.1	47	OAXACA, MEXICO
	25	15	04	13.0	15.967	N	97.939	W	33	N	4.8	0.9	57	NEAR COAST OF OAXACA, MEXICO
	25	15	08	37.4	16.158	N	97.684	W	33	N	4.4	1.0	40	OAXACA, MEXICO
	25	15	09	20.7	15.957	N	97.786	W	33	N	4.7	0.9	60	NEAR COAST OF OAXACA, MEXICO
	25	15	35	43.1*	10.022	S	80.301	W	33	N	4.7	1.1	27	OFF COAST OF PERU
	25	15	48	10.5*	16.141	N	97.824	W	33	N	4.4	1.4	29	OAXACA, MEXICO
	25	15	52	22.9*	5.854	S	154.528	E	158	?	4.1	0.7	13	SOLOMON ISLANDS
	25	16	08	11.1?	15.33	N	97.76	W	33	N	3.7	1.5	13	NEAR COAST OF OAXACA, MEXICO
a	25	16	14	11.6	35.725	N	56.990	E	33	N	4.8 5.1	1.0	144	NORTHERN IRAN. Mw 5.4 (HRV). Felt at Kashmar, Mashhad and Sabzevar.
	25	16	44	20.9	0.489	N	119.648	E	33	N	4.9 4.6	0.9	82	MINAHASSA PENINSULA, SULAWESI
	25	17	02	38.3&	62.377	N	149.518	W	56				91	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.7 (PMR).
	25	17	04	09.3*	35.780	N	56.806	E	33	N	4.0	1.3	21	NORTHERN IRAN
	25	17	23	22.3	33.073	S	71.151	W	44	*		1.1	16	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
a	25	17	42	04.6	35.685	N	57.038	E	33	N	4.9 5.0	1.1	156	NORTHERN IRAN. Mw 5.3 (HRV). Felt at Kashmar, Mashhad and Sabzevar.
	25	18	07	53.6&	33.642	S	70.495	W	90	G		0.3	7	CHILE-ARGENTINA BORDER REGION
	25	18	12	11.8*	16.127	N	97.899	W	33	N	4.0	1.2	13	OAXACA, MEXICO
	25	18	13	40.1	35.774	N	56.933	E	33	N	4.0	1.3	32	NORTHERN IRAN

	25	18	17	43.0?	40.42	N	29.30	E	10	G			1.1	4	TURKEY. MD 2.6 (ISK).
	25	18	18	41.2*	36.127	N	57.089	E	33	N	3.9		0.9	7	NORTHERN IRAN
	25	18	39	33.1?	0.84	S	136.98	E	33	N	3.9		1.1	6	IRIAN JAYA REGION, INDONESIA
	25	19	13	24.7?	0.28	S	138.76	E	33	N	4.2		0.3	6	IRIAN JAYA REGION, INDONESIA
	25	19	56	16.3%	26.399	S	27.372	E	5	G			0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	25	20	09	02.9?	44.40	N	149.88	E	33	N	3.8		1.3	14	KURIL ISLANDS
	25	20	35	48.9?	44.54	N	142.38	E	236	?	3.6		0.6	8	HOKKAIDO, JAPAN REGION
	25	21	30	31.3?	0.62	S	136.63	E	33	N	4.3		1.3	10	IRIAN JAYA REGION, INDONESIA
	25	21	59	43.8*	37.700	N	20.937	E	10	G			1.5	12	IONIAN SEA. MD 3.2 (ATH).
	25	22	00	18.7	19.997	N	109.226	E	20	G	4.1		1.3	21	HAINAN ISLAND, CHINA
	25	22	06	22.8	22.372	S	171.496	E	118		4.6		1.1	47	LOYALTY ISLANDS REGION
	25	22	32	57.4&	64.897	N	151.059	W	33					39	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	25	22	53	02.0?	2.04	S	137.98	E	33	N	4.1		0.9	5	IRIAN JAYA, INDONESIA
	25	23	15	30.6*	17.941	S	179.452	E	663	?	4.7		1.1	36	FIJI ISLANDS
	25	23	15	30.7	44.696	N	149.438	E	27	D	4.7	4.0	1.0	105	KURIL ISLANDS
	25	23	20	47.1	11.535	N	60.433	W	50	G	4.5		1.1	56	WINDWARD ISLANDS
	25	23	44	53.8	52.295	N	115.214	W	10	G	3.1		1.4	16	ALBERTA, CANADA
	26	00	22	29.2	44.503	N	149.245	E	33	N	4.5	4.1	0.7	62	KURIL ISLANDS
	26	01	03	33.6?	2.26	S	136.94	E	33	N	4.0		0.6	8	IRIAN JAYA REGION, INDONESIA
	26	01	31	42.9*	55.099	N	102.916	E	33	N	4.2		1.1	14	LAKE BAYKAL REGION, RUSSIA
a	26	01	37	34.3	15.933	N	97.807	W	33	N	5.1	5.0	1.3	122	NEAR COAST OF OAXACA, MEXICO. Mw 5.5 (HRV).
	26	01	40	36.5?	11.12	N	84.36	W	10	G			1.4	5	NICARAGUA
	26	01	56	09.0?	15.91	N	97.75	W	33	N	4.5		0.2	4	NEAR COAST OF OAXACA, MEXICO
	26	01	58	16.0	46.001	N	149.969	E	138	*	4.3		0.8	51	KURIL ISLANDS
	26	01	59	13.9?	0.89	S	136.97	E	33	N	4.0		1.3	12	IRIAN JAYA REGION, INDONESIA
	26	02	10	33.9*	44.496	N	149.171	E	33	N	4.1		1.0	23	KURIL ISLANDS
	26	02	32	07.0*	15.324	N	97.869	W	33	N	4.2		1.4	11	NEAR COAST OF OAXACA, MEXICO
	26	02	48	19.4?	16.03	N	98.06	W	33	N	3.9		1.3	8	NEAR COAST OF GUERRERO, MEXICO
	26	03	27	10.5&	44.785	N	112.685	W	8					13	EASTERN IDAHO. <BUT-P>. ML 3.6 (BUT). Felt in the Sage Creek area, Montana.
	26	03	27	40.5*	38.923	N	21.627	E	33	N			1.3	10	GREECE. MD 2.9 (ATH). ML 2.6 (THE).
	26	03	34	12.6*	38.106	N	27.075	E	10	G			1.4	7	TURKEY. MD 3.6 (ATH), 3.1 (ISK). ML 3.6 (THE).
	26	05	34	24.7%	42.347	N	18.913	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	26	05	51	12.4?	15.59	N	97.86	W	33	N			0.6	6	NEAR COAST OF OAXACA, MEXICO
	26	06	13	09.0*	5.050	S	152.328	E	75	?	4.4		1.0	24	NEW BRITAIN REGION, P.N.G.
	26	06	20	05.0	16.750	N	119.622	E	32	D	4.7	4.3	1.2	50	LUZON, PHILIPPINE ISLANDS. Felt (III RF) at Baguio.
	26	06	31	45.8%	40.588	N	29.039	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
	26	06	42	50.2*	7.425	S	158.737	E	33	N	4.3		1.4	12	SOLOMON ISLANDS
	26	06	53	08.4?	18.53	N	120.38	E	33	N			1.2	4	LUZON, PHILIPPINE ISLANDS. Felt (III RF) at Pasuquin.
	26	07	04	21.2	0.861	S	136.039	E	48	?	4.6		1.0	27	IRIAN JAYA REGION, INDONESIA
	26	07	17	07.9	28.869	N	34.479	E	10	G	4.0		1.0	27	EGYPT
	26	07	17	28.3*	28.732	N	34.822	E	23	D	5.0	4.2	1.5	120	EGYPT. ML 5.0 (HLW).
	26	07	30	33.6*	33.634	S	71.612	W	36	?			0.5	14	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN). Felt (III) at San Antonio.
	26	07	33	38.2	15.826	N	97.633	W	33	N	5.1		1.2	101	NEAR COAST OF OAXACA, MEXICO
	26	07	39	51.9?	31.65	S	69.46	W	120	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	26	07	45	47.1%	34.056	S	70.356	W	10	G			0.6	6	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	26	07	49	13.9&	65.206	N	148.723	W	16					26	NORTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PMR). Felt at Fairbanks.
a	26	08	08	19.2	28.285	N	57.059	E	32	D	5.3	5.1	1.0	317	SOUTHERN IRAN. Mw 5.4 (GS), 5.5 (HRV).
	26	08	09	24.9	28.336	N	57.081	E	33	N	5.4		0.8	96	SOUTHERN IRAN
	26	08	14	31.8?	16.02	S	173.21	W	80	G	4.8		1.0	24	TONGA ISLANDS
	26	08	49	19.2	16.632	S	72.768	W	79		4.7		1.2	41	NEAR COAST OF PERU. Felt (IV) at Camana and Mollendo; (III) at Arequipa.
	26	09	24	43.5?	36.72	N	31.32	E	10	G			0.3	4	TURKEY. MD 3.2 (ISK).
	26	09	47	53.6*	29.958	N	131.363	E	33	N	4.1		0.6	8	SOUTHEAST OF RYUKYU ISLANDS
	26	09	51	48.5	23.423	S	179.340	E	497		4.9		1.2	102	SOUTH OF FIJI ISLANDS
	26	10	18	20.2	1.787	N	126.652	E	90	*	5.0		1.3	64	NORTHERN MOLUCCA SEA
	26	10	53	17.3	29.918	N	131.416	E	43		4.2		0.8	31	SOUTHEAST OF RYUKYU ISLANDS
	26	11	44	40.1*	5.991	S	146.734	E	53	*	3.6		1.1	12	EASTERN NEW GUINEA REG., P.N.G.
	26	11	48	33.9%	33.651	S	71.658	W	40	G			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	26	12	00	27.2*	15.811	N	97.913	W	33	N	4.3		1.2	29	NEAR COAST OF OAXACA, MEXICO
	26	12	06	11.9?	15.44	N	97.79	W	33	N			1.2	7	NEAR COAST OF OAXACA, MEXICO
	26	12	39	49.8	49.174	N	6.887	E	14				0.8	18	GERMANY. ML 3.0 (STR), 2.5 (UCC), 2.4 (DBN). Mining induced event in the Lorraine region, France.
	26	12	55	26.9*	55.290	N	160.845	E	33	N	4.5		1.0	16	KAMCHATKA
	26	12	56	58.0*	16.160	N	98.005	W	33	N	4.3		1.4	28	NEAR COAST OF GUERRERO, MEXICO
	26	13	03	34.6?	40.56	N	23.55	E	10	G			0.1	4	GREECE. ML 1.7 (THE).
	26	13	11	06.2*	36.673	N	10.030	W	10	G			1.1	16	NORTH ATLANTIC OCEAN. mbLg 3.6 (MDD). MD 3.1 (RBA).
	26	13	20	29.2?	20.90	S	176.62	W	250	G	4.0		1.4	9	FIJI ISLANDS REGION
	26	14	07	27.0%	26.363	S	27.483	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	26	14	18	04.2?	6.73	S	128.00	E	99	?	4.0		1.4	10	BANDA SEA
	26	14	41	01.0*	5.512	S	147.039	E	171	*	4.1		0.8	17	EASTERN NEW GUINEA REG., P.N.G.
	26	14	46	02.9%	44.397	N	7.452	E	10	G			0.2	6	NORTHERN ITALY. ML 2.0 (GEN).
	26	14	50	37.6?	16.06	N	98.03	W	33	N			1.3	5	NEAR COAST OF GUERRERO, MEXICO
	26	15	09	38.0	50.742	N	157.765	E	43	*	4.9		0.9	137	KURIL ISLANDS. Felt (II) at Severo-Kurilsk.
	26	15	12	10.1?	1.82	S	137.39	E	33	N	4.1		1.0	9	NEAR NORTH COAST OF IRIAN JAYA
	26	15	30	16.6	40.629	N	21.655	E	5	G	3.8		1.0	47	GREECE. ML 3.9 (ATH), 3.8 (TIR), 3.6 (TTG), 3.5 (SKO), 3.2 (THE).
	26	16	16	44.9*	39.359	N	26.091	E	10	G			1.0	6	TURKEY. MD 3.2 (ISK).
	26	16	32	13.8	21.318	S	68.419	W	139		4.5		1.3	35	CHILE-BOLIVIA BORDER REGION
	26	17	08	30.4?	0.75	S	136.54	E	33	N	4.2		1.1	8	IRIAN JAYA REGION, INDONESIA
	26	17	42	52.9%	39.311	N	23.283	E	10	G			0.7	5	AEGEAN SEA. ML 1.6 (THE).
	26	18	01	20.1	42.665	N	2.399	E	10	G			1.0	8	PYRENEES. ML 2.4 (LDG), 2.4 (STR).
	26	19	10	33.7	46.171	N	6.906	E	5	G			0.9	17	SWITZERLAND. ML 2.9 (STR), 2.8 (LDG).
	26	20	27	37.0	35.729	N	78.702	E	33	N	4.0		1.2	19	EASTERN KASHMIR
	26	20	29	15.5?	30.28	N	84.10	E	33	N	4.1		1.0	9	XIZANG
	26	21	24	12.9?	30.75	S	70.78	W	120	G			0.9	5	CHILE-ARGENTINA BORDER REGION
	26	21	37	51.3?	32.76	N	72.64	E	33	N	3.9		0.8	10	PAKISTAN
	26	21	39	12.1	40.649	N	21.588	E	10	G	4.3		1.3	153	GREECE. ML 4.9 (TIR), 4.5 (ROM), 4.2 (THE). MD 4.6 (TTG), 4.4 (ATH). Felt (V) in northern Greece and in the southern part of the former Yugoslav Republic of Macedonia. Felt slightly at Korce, Albania.

	26	21	46	47.4?	34.25	S	71.12	W	60	G			0.1	6	NEAR COAST OF CENTRAL CHILE
	26	21	49	00.2&	63.573	N	150.547	W	17					61	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
	26	22	01	23.0	16.267	N	97.976	W	33	N	4.5		0.9	47	OAXACA, MEXICO
	26	22	02	32.4	16.122	N	98.087	W	33	N	4.8		1.0	90	NEAR COAST OF GUERRERO, MEXICO
	26	22	15	44.0	46.084	N	7.050	E	10	G			1.1	13	SWITZERLAND. ML 2.6 (LDG), 2.6 (STR).
	26	22	15	52.5*	17.514	S	178.791	W	531		4.5		0.9	46	FIJI ISLANDS REGION
	26	23	40	48.4	38.455	N	26.645	E	5	G			0.7	10	AEGEAN SEA. MD 3.7 (ATH), 3.3 (ISK).
	26	23	45	18.2?	40.13	N	21.48	E	10	G			0.5	5	GREECE. ML 2.0 (THE).
	26	23	59	03.7	40.637	N	21.572	E	5	G			0.7	16	GREECE. MD 2.8 (ATH). ML 2.4 (THE).
	27	00	15	23.3	40.599	N	21.549	E	10	G			0.4	6	GREECE. ML 2.3 (THE).
	27	00	37	53.5*	16.252	N	98.197	W	33	N	4.0		1.0	9	NEAR COAST OF GUERRERO, MEXICO
	27	00	50	46.3*	40.632	N	21.554	E	10	G			0.4	5	GREECE. ML 2.4 (THE).
	27	00	59	48.6	15.895	S	71.817	W	144	?	3.2		1.1	9	SOUTHERN PERU
	27	01	23	04.1*	1.578	S	136.599	E	33	N	4.4		1.0	9	IRIAN JAYA REGION, INDONESIA
	27	01	40	08.1	17.610	S	167.204	E	33	N	4.0		1.0	20	VANUATU ISLANDS
	27	01	57	37.5*	17.556	S	167.177	E	33	N	4.2	4.3	1.2	16	VANUATU ISLANDS
	27	02	00	56.1	39.592	N	52.148	E	33	N	4.4	3.4	0.9	67	CASPIAN SEA
	27	02	03	26.5?	2.51	S	139.52	E	33	N	3.5		0.6	5	NEAR NORTH COAST OF IRIAN JAYA
	27	02	19	34.2	40.647	N	21.599	E	5	G			0.9	17	GREECE. MD 3.0 (ATH). ML 3.0 (THE), 2.7 (SKO).
	27	02	42	16.0?	38.97	N	28.64	E	10	G			0.3	4	TURKEY. MD 2.8 (ISK).
	27	02	59	40.1?	18.29	S	167.04	E	70	?	4.6	4.5	1.4	49	VANUATU ISLANDS
	27	03	01	39.5&	58.090	N	154.553	W	3		3.2			54	ALASKA PENINSULA. <AEIC>. ML 3.3 (AEIC).
	27	03	18	46.2?	3.20	S	122.42	E	33	N	4.0		1.4	7	SULAWESI, INDONESIA
	27	03	18	49.4	48.030	N	153.887	E	33	N	4.3		1.0	36	KURIL ISLANDS
	27	03	25	14.7*	26.217	N	126.515	E	33	N	3.9		0.8	11	RYUKYU ISLANDS
	27	03	59	04.9	44.102	N	6.883	E	5	G			0.5	19	FRANCE. ML 2.2 (GEN), 2.2 (LDG), 1.8 (STR).
	27	04	20	12.4*	39.983	N	21.741	E	5	G			0.5	6	GREECE. ML 2.3 (THE).
	27	04	34	46.4*	29.673	S	70.910	W	100	G			0.7	15	CENTRAL CHILE
	27	04	46	47.7*	8.067	N	87.376	W	33	N	3.4		1.0	6	OFF COAST OF CENTRAL AMERICA
	27	07	39	40.9?	26.74	S	78.37	E	10	G	3.8		0.9	6	SOUTH INDIAN OCEAN
	27	07	54	08.8*	32.623	S	71.595	W	5	G			0.7	10	NEAR COAST OF CENTRAL CHILE
	27	08	04	16.0	0.735	N	120.494	E	36	*	4.9		1.2	61	MINAHASSA PENINSULA, SULAWESI
	27	08	23	16.4*	40.640	N	21.600	E	10	G			0.1	5	GREECE. ML 2.1 (THE).
	27	08	52	27.0	40.631	N	21.558	E	10	G			0.3	6	GREECE. ML 2.4 (THE).
	27	09	04	42.8?	26.82	N	72.61	E	33	N	3.5		1.5	5	NORTHERN INDIA
	27	09	05	04.8	40.661	N	21.584	E	5	G			0.6	12	GREECE. ML 2.5 (THE).
	27	09	06	36.5	34.958	N	73.209	E	33	N			0.3	12	PAKISTAN
	27	09	10	29.8	40.446	N	21.855	E	10	G			0.7	7	GREECE. ML 2.1 (THE).
	27	09	51	06.4?	43.05	N	0.38	W	5	G			0.2	4	PYRENEES. ML 1.6 (STR).
	27	10	18	44.8	40.609	N	21.630	E	10				0.8	34	GREECE. ML 3.5 (TTG), 3.3 (THE), 3.3 (SKO). MD 3.4 (ATH).
	27	10	24	15.3	40.647	N	21.665	E	5	G			1.2	19	GREECE. MD 3.1 (ATH). ML 2.8 (SKO), 2.7 (THE).
	27	11	07	21.5*	40.580	N	21.545	E	10	G			0.3	5	GREECE. ML 2.2 (THE).
	27	11	13	45.9	46.266	N	12.621	E	14		3.8		0.9	136	NORTHERN ITALY. ML 4.2 (LDG), 4.1 (VIE), 3.8 (ROM). MD 4.2 (FIR), 3.9 (TRI). Felt (III) at Ljubljana, Nova Gorica and Portoroz, Slovenia.
	27	11	26	56.2?	46.48	N	12.75	E	10	G			0.9	4	NORTHERN ITALY. MD 2.2 (TRI).
	27	11	37	23.2*	46.514	N	12.824	E	10	G			0.5	5	NORTHERN ITALY. ML 2.3 (VIE). MD 2.2 (TRI).
	27	11	47	14.3&	59.268	N	138.898	W	0					36	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC).
	27	12	38	44.9	46.372	N	12.646	E	5	G			0.9	20	NORTHERN ITALY. ML 2.9 (LDG), 2.6 (VIE). MD 2.6 (TRI).
	27	13	00	21.3*	40.548	N	21.469	E	10	G			0.6	6	GREECE. ML 1.8 (THE).
	27	13	15	05.3?	51.12	N	15.87	E	5	G			1.2	5	POLAND. ML 2.3 (MOX).
	27	13	35	11.8%	44.711	N	7.731	E	10	G			0.4	7	NORTHERN ITALY
	27	13	40	27.2	31.485	S	71.227	W	33	N			0.4	12	NEAR COAST OF CENTRAL CHILE
	27	13	43	48.8	46.361	N	12.656	E	5	G			0.9	20	NORTHERN ITALY. ML 3.4 (VIE), 3.2 (MOX), 3.2 (LDG). MD 3.2 (TRI).
	27	13	48	41.0%	26.224	S	28.190	E	5	G			0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	27	14	25	40.1	38.058	N	19.898	E	20	G	3.9		1.4	44	IONIAN SEA. ML 4.0 (THE), 3.8 (TTG). MD 3.9 (ATH).
	27	14	28	45.7*	35.165	S	69.953	W	150				0.7	17	MENDOZA PROVINCE, ARGENTINA
	27	14	47	41.1?	3.60	S	152.26	E	33	N	3.7		1.1	7	NEW IRELAND REGION, P.N.G.
	27	15	05	39.4*	8.841	S	109.261	E	54	*	4.4		0.7	16	JAWA, INDONESIA
	27	16	17	23.0?	40.57	N	21.58	E	5	G			1.3	4	GREECE. ML 1.8 (THE).
	27	16	20	54.5	40.582	N	21.555	E	10	G			0.8	8	GREECE. ML 2.3 (THE).
	27	17	32	45.0	39.275	N	28.858	E	10	G			0.5	7	TURKEY. MD 3.0 (ISK).
	27	17	56	49.0	32.568	S	70.766	W	60	G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
	27	17	59	51.9	43.266	N	0.650	W	10	G			1.0	9	PYRENEES. ML 2.2 (LDG), 2.0 (STR).
a	27	18	03	01.7	14.072	S	167.468	E	13	G	5.6	5.5	1.1	278	VANUATU ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Ms 5.6 (BRK). Felt on Espiritu Santo. Depth from broadband displacement seismograms.
	27	18	11	28.0&	58.090	N	151.302	W	61		2.8			75	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	27	18	34	48.9*	1.579	S	136.432	E	33	N	4.2		1.0	20	IRIAN JAYA REGION, INDONESIA
	27	18	39	23.7*	40.505	N	21.388	E	10	G			1.1	6	GREECE. ML 1.6 (THE).
	27	19	02	47.9*	1.053	S	136.027	E	33	N	4.5		0.9	13	IRIAN JAYA REGION, INDONESIA
	27	19	09	22.2?	31.55	S	69.25	W	120	G			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	27	19	48	04.0&	64.588	N	152.852	W	29					58	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
	27	19	48	53.5%	40.304	N	21.733	E	10	G			0.4	5	GREECE. ML 2.1 (THE).
	27	20	00	43.6*	3.643	S	122.573	E	33	N	3.8		1.3	9	SULAWESI, INDONESIA
	27	20	46	33.4	0.674	S	136.354	E	33	N	4.7		0.9	36	IRIAN JAYA REGION, INDONESIA
	27	21	19	25.7&	38.805	N	122.769	W	1					37	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
	27	21	31	21.7	42.687	N	2.525	E	10	G			1.1	8	PYRENEES. ML 2.6 (LDG), 2.5 (STR).
	27	22	18	21.8?	28.06	S	68.29	W	120	G			0.9	6	LA RIOJA PROVINCE, ARGENTINA
	27	22	51	57.7	40.114	N	21.514	E	5	G			0.7	9	GREECE. ML 2.4 (THE).
	27	23	08	56.1?	42.69	N	2.56	E	10	G			1.4	5	PYRENEES. ML 2.3 (LDG), 2.3 (STR).
	27	23	55	16.2	35.665	N	78.595	E	33	N	3.8		1.0	25	EASTERN KASHMIR
	28	00	07	00.3?	17.53	N	66.10	W	20	G			0.8	9	PUERTO RICO REGION. MD 3.1 (MPR).
	28	00	27	39.8	20.036	N	120.202	E	33	N	4.0		0.9	25	PHILIPPINE ISLANDS REGION
	28	00	32	32.7	36.786	N	25.766	E	10	G			0.7	5	DODECANESE ISLANDS. MD 3.6 (ATH). ML 3.6 (THE).
	28	00	35	06.6*	13.099	N	91.027	W	33	N	4.4		1.1	24	NEAR COAST OF GUATEMALA
	28	00	41	22.4?	42.67	N	2.50	E	10	G			1.5	6	PYRENEES. ML 2.3 (LDG), 2.3 (STR).
	28	00	58	04.5?	12.96	N	91.05	W	33	N	3.9		1.2	16	OFF COAST OF CENTRAL AMERICA
	28	01	25	31.0	0.888	S	136.228	E	25	D	5.0		1.1	34	IRIAN JAYA REGION, INDONESIA
	28	01	52	55.1	44.617	N	149.445	E	33	N	4.9	4.4	0.9	145	KURIL ISLANDS
	28	01	59	33.5&	32.315	N	115.223	W	6	G				29	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3

														(PAS). MD 3.2 (ECX). Felt in the Imperial Valley, California.
	28	02	58	06.2	15.588	N	147.893	E	34	D	4.8	0.9	90	MARIANA ISLANDS REGION
	28	03	52	20.7	46.386	N	13.370	E	12			1.0	37	AUSTRIA. MD 3.6 (LJU), 3.1 (TRI). ML 3.4 (STR), 3.3 (GRF), 3.3 (CLL), 3.1 (MOX), 3.0 (VIE).
	28	03	55	22.0%	33.561	S	70.576	W	74	?		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 1.7 (SAN).
	28	03	58	18.5?	16.59	N	100.88	W	33	N	3.7	0.7	4	NEAR COAST OF GUERRERO, MEXICO
	28	04	31	29.5	42.838	N	2.613	E	10	G		1.1	8	PYRENEES. ML 2.9 (LDG), 2.6 (STR).
	28	04	32	50.7?	15.40	N	98.09	W	33	N	4.0	1.5	5	OFF COAST OF GUERRERO, MEXICO
	28	04	38	52.3	11.960	N	87.310	W	44	*	4.6	1.1	56	NEAR COAST OF NICARAGUA
	28	05	10	55.7*	43.610	N	147.139	E	83	?	4.1	0.6	16	KURIL ISLANDS
	28	05	30	12.5	33.642	N	5.805	W	10	G		0.9	8	MOROCCO. MD 3.1 (RBA).
	28	05	39	54.2%	39.332	N	27.573	E	5	G		0.2	6	TURKEY. MD 3.0 (ISK).
	28	05	42	28.8	38.177	N	27.022	E	5	G		1.2	12	TURKEY. ML 3.7 (THE). MD 3.6 (ATH), 3.4 (ISK).
	28	05	42	46.0?	42.66	N	2.60	E	10	G		0.4	4	PYRENEES. ML 2.4 (LDG), 2.4 (STR).
	28	06	39	51.9?	31.43	S	68.57	W	100	G		1.1	5	SAN JUAN PROVINCE, ARGENTINA
	28	06	56	32.6	41.908	N	15.906	E	30			1.2	51	SOUTHERN ITALY. ML 3.8 (TTG), 3.7 (LDG).
	28	07	00	49.6	31.437	S	68.643	W	115	*		0.8	19	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	28	07	51	37.8?	39.17	N	28.16	E	5	G		0.3	4	TURKEY. MD 2.9 (ISK).
	28	08	11	19.9*	26.903	N	86.808	E	72	*		1.1	17	NEPAL-INDIA BORDER REGION
	28	08	39	28.0	31.703	S	69.012	W	114	*		0.6	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (SAN).
	28	09	31	06.0?	37.86	N	21.31	E	10	G		1.1	4	SOUTHERN GREECE. MD 3.0 (ATH).
	28	09	32	18.5?	1.02	S	136.80	E	33	N	4.1	0.9	8	IRIAN JAYA REGION, INDONESIA
a	28	09	44	10.9	1.756	N	126.048	E	116	G	6.2	1.2	435	NORTHERN MOLUCCA SEA. Mw 6.4 (GS), 6.4 (HRV). Me 6.2 (GS). mb 6.1 (BRK). Mo=6.4*10**18 Nm (PPT). Felt at Biak, Manado and on Ternate, Indonesia. Depth from broadband displacement seismograms.
	28	09	59	37.0&	34.267	N	118.420	W	11				52	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.
	28	10	03	07.2	51.858	S	40.337	E	10	G	5.7 5.2	1.0	138	PRINCE EDWARD ISLANDS REGION
	28	10	04	52.8	39.252	N	28.125	E	10	G		1.1	8	TURKEY. MD 2.8 (ISK).
	28	10	09	09.7?	39.79	N	145.66	E	33	N		0.7	6	OFF EAST COAST OF HONSHU, JAPAN
	28	10	20	08.1	35.641	N	78:530	E	33	N	4.8	1.0	89	EASTERN KASHMIR. ML 4.4 (BJI).
	28	10	24	11.0*	50.300	N	18.890	E	10	G		0.8	5	POLAND. MG 2.7 (WAR).
	28	11	05	15.4*	26.010	S	175.201	W	33	N	4.5	1.1	18	SOUTH OF TONGA ISLANDS
	28	11	22	02.0	29.096	N	104.739	E	33	N	5.1 4.9	0.9	157	SICHUAN, CHINA. ML 4.8 (BJI).
	28	11	48	52.2?	9.06	S	78.64	W	33	N	4.1	1.2	8	NEAR COAST OF NORTHERN PERU
	28	12	58	10.9%	33.643	S	70.028	W	13			0.1	7	CHILE-ARGENTINA BORDER REGION
	28	13	02	26.2*	46.345	N	12.560	E	10	G		0.4	5	NORTHERN ITALY. ML 2.1 (VIE).
	28	13	17	03.1	38.553	N	22.606	E	38		4.1	1.1	83	GREECE. MD 4.0 (ATH). Felt in the Brallos area.
	28	14	23	07.9	44.982	S	167.658	E	118		5.1	1.1	72	SOUTH ISLAND, NEW ZEALAND. Felt in the Invercargill-Te Anau-Timaru area.
	28	14	44	07.3*	9.148	S	123.521	E	42	?	3.5	1.1	11	TIMOR REGION, INDONESIA
	28	15	14	08.7	40.572	N	21.525	E	10	G		0.5	8	GREECE. ML 2.5 (THE).
	28	15	25	00.7%	26.359	S	27.507	E	5	G		0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	28	15	27	12.3	5.765	N	125.329	E	37	D	4.9	1.2	96	MINDANAO, PHILIPPINE ISLANDS
	28	15	34	06.7?	30.97	S	68.29	W	104	?		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	28	16	37	58.2&	62.118	N	151.117	W	75				59	CENTRAL ALASKA. <AEIC>.
	28	16	42	09.2	31.923	N	132.738	E	33	N	4.3	1.2	36	SOUTHEAST OF SHIKOKU, JAPAN
	28	16	53	55.4&	37.495	N	118.867	W	5				46	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
	28	17	09	36.9	7.050	N	73.163	W	150	G	4.3	1.1	14	NORTHERN COLOMBIA. MD 4.7 (UPA).
	28	17	30	23.4	0.538	S	124.325	E	62	*	4.6	1.0	48	SOUTHERN MOLUCCA SEA
	28	17	39	19.9?	4.51	S	148.34	E	147	?	4.0	1.5	11	BISMARCK SEA
	28	19	18	31.2*	10.692	N	126.285	E	33	N	4.0	1.0	13	PHILIPPINE ISLANDS REGION
	28	19	25	45.9*	40.599	N	21.556	E	5	G		0.3	5	GREECE. ML 2.0 (THE).
	28	19	41	36.8	15.925	N	97.922	W	33	N	4.5	1.2	52	NEAR COAST OF OAXACA, MEXICO
	28	19	42	49.7	40.606	N	21.534	E	10	G		0.3	6	GREECE. ML 2.1 (THE).
	28	20	03	53.0*	42.724	N	2.512	E	10	G		0.1	5	PYRENEES. ML 2.5 (LDG), 2.5 (STR).
	28	20	17	26.9*	6.421	S	130.762	E	33	N	3.9	1.2	17	BANDA SEA
	28	20	35	18.1*	53.326	N	31.575	W	10	G	4.0	1.4	12	NORTHERN MID-ATLANTIC RIDGE
	28	21	05	59.6*	39.203	N	29.433	E	10	G		0.9	5	TURKEY. MD 3.0 (ISK).
	28	21	19	28.9	47.155	N	154.109	E	33	N	4.5 4.0	1.1	52	KURIL ISLANDS
	28	21	28	18.5*	35.491	N	27.714	E	5	G		1.2	7	DODECANESE ISLANDS. ML 3.8 (THE). MD 3.7 (ATH).
	28	21	53	22.6?	19.13	S	175.10	W	288	?	4.2	1.0	20	TONGA ISLANDS
	28	22	05	56.1	14.975	N	60.728	W	75		4.1	1.0	38	WINDWARD ISLANDS. MD 4.2 (TRN). Felt (III) on Martinique.
	28	22	26	11.9?	1.18	S	137.13	E	33	N	4.1	1.1	7	NEAR NORTH COAST OF IRIAN JAYA
	28	23	01	25.7	47.100	N	8.819	E	10	G		0.8	20	SWITZERLAND. ML 2.7 (STR), 2.7 (LDG), 2.7 (VIE).
	28	23	21	48.6	27.010	N	99.991	E	33	N	4.2	1.3	31	YUNNAN, CHINA. ML 4.0 (BJI).
	28	23	51	27.6*	9.913	S	80.102	W	20	G	4.3	1.1	18	OFF COAST OF NORTHERN PERU
	28	23	54	01.0?	5.45	S	133.64	E	33	N	4.3	1.7	10	ARU ISLANDS REGION, INDONESIA
	28	23	58	09.0?	34.53	S	70.83	W	100	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
	28	23	58	47.1	42.007	N	139.309	E	24	D	4.4	1.2	31	HOKKAIDO, JAPAN REGION
	29	00	24	47.9*	1.065	S	136.353	E	33	N	4.2	0.6	13	IRIAN JAYA REGION, INDONESIA
	29	00	49	12.5	0.790	S	136.625	E	33	N	4.7	0.9	20	IRIAN JAYA REGION, INDONESIA
	29	01	13	45.2?	18.85	N	70.86	W	98	?	4.2	1.1	13	DOMINICAN REPUBLIC REGION
	29	01	45	03.8	33.158	N	140.758	E	58	D	4.7	1.0	89	SOUTH OF HONSHU, JAPAN
	29	02	29	52.4*	17.450	N	120.644	E	33	N	3.9	1.2	14	LUZON, PHILIPPINE ISLANDS
	29	02	49	02.8?	27.82	N	128.95	E	33	N		0.8	4	RYUKYU ISLANDS
	29	03	51	08.4	40.642	N	21.594	E	10	G		1.3	11	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	29	04	00	16.0	39.196	N	28.273	E	5	G		0.9	10	TURKEY. MD 3.1 (ISK).
	29	04	22	03.7	38.102	N	27.125	E	5	G		1.4	7	TURKEY. MD 3.6 (ATH). ML 3.6 (THE).
	29	04	22	10.5	7.374	S	128.081	E	34	D	4.7	1.1	42	BANDA SEA
	29	04	29	23.7	18.130	N	67.095	W	41		4.2	0.7	27	MONA PASSAGE. MD 3.9 (MPR).
	29	04	54	58.4*	16.395	N	98.094	W	33	N	4.2	0.8	7	NEAR COAST OF GUERRERO, MEXICO
	29	04	56	38.1	18.223	N	67.059	W	31	?		0.3	10	MONA PASSAGE. MD 3.2 (MPR).
	29	04	58	47.7?	34.79	S	71.87	W	33	N		0.9	16	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	29	05	29	31.9	38.416	N	22.338	E	10	G		0.7	17	GREECE. ML 3.2 (ATH), 3.0 (THE).
	29	05	36	44.7?	42.19	S	89.35	W	10	G	4.2	0.7	8	SOUTHERN PACIFIC OCEAN
	29	06	13	20.3	36.661	N	27.216	E	5	G		0.8	6	DODECANESE ISLANDS. MD 3.7 (ATH). ML 3.7 (THE).
	29	06	38	47.8&	34.152	N	117.734	W	11				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt.
	29	07	14	15.6	2.439	S	46.969	E	10	G	5.0 4.7	0.9	101	SOUTH INDIAN OCEAN

	29	07 15 05.8	45.366	N	14.424	E	10	G		0.7	7	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU), 2.6 (TRI). ML 2.7 (VIE).
	29	07 27 09.5*	20.883	S	70.647	W	48	*	4.2	1.6	20	NEAR COAST OF NORTHERN CHILE
	29	07 52 38.2	45.377	N	14.476	E	10	G		1.4	8	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU), 2.3 (TRI). ML 2.5 (VIE).
	29	07 59 17.1?	28.20	S	64.43	E	10	G	4.4	1.0	12	SOUTH INDIAN OCEAN
	29	08 37 06.3?	0.88	S	141.46	E	33	N	4.6	0.3	5	NINIGO ISLANDS REGION, P.N.G.
	29	08 50 42.6?	12.41	S	77.16	W	33	N		0.5	5	NEAR COAST OF PERU. Felt (II) at Lima.
	29	08 55 30.7	43.109	N	0.625	W	10	G		0.2	7	PYRENEES. ML 1.8 (STR).
	29	09 01 13.8	42.651	N	143.008	E	116	D	4.9	0.9	170	HOKKAIDO, JAPAN REGION
	29	09 01 49.0?	34.69	N	77.60	E	33	N	3.9	1.4	8	EASTERN KASHMIR
	29	09 47 02.4?	39.21	N	28.21	E	10	G		0.9	4	TURKEY. MD 2.7 (ISK).
	29	09 59 50.0%	39.196	N	28.225	E	5	G		0.5	5	TURKEY. MD 2.8 (ISK).
	29	10 32 13.8?	14.91	S	167.44	E	163	?	4.5	1.0	14	VANUATU ISLANDS
	29	10 42 46.9*	33.634	S	71.516	W	27			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	29	11 06 56.1?	16.31	N	98.57	W	33	N		1.4	6	NEAR COAST OF GUERRERO, MEXICO
	29	11 36 14.6*	1.141	S	136.760	E	33	N	4.8	1.4	15	IRIAN JAYA REGION, INDONESIA
	29	11 55 49.3	10.475	N	92.698	E	28	D	5.2 4.5	0.8	188	ANDAMAN ISLANDS, INDIA
	29	12 15 20.7%	27.944	S	26.827	E	5	G		0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	29	12 25 47.6&	60.875	N	145.945	W	11				62	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	29	12 40 01.5?	0.32	S	100.53	E	249	?	3.9	0.5	12	SOUTHERN SUMATERA, INDONESIA
	29	12 43 19.2	39.921	N	117.905	W	5	G		0.5	21	NEVADA. ML 3.5 (GS). MD 3.1 (REN).
	29	13 08 24.2	30.357	N	69.174	E	33	N	4.3	1.1	38	PAKISTAN
	29	14 05 06.0	15.059	N	120.126	E	63	*	4.6	0.8	50	LUZON, PHILIPPINE ISLANDS
	29	15 02 15.8*	23.189	S	68.041	W	148	*	4.4	1.5	30	NORTHERN CHILE
	29	15 02 18.8?	1.87	S	137.63	E	33	N	4.1	0.8	7	NEAR NORTH COAST OF IRIAN JAYA
	29	15 31 58.3&	35.973	N	120.528	W	5				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (PAS).
	29	16 02 28.9?	39.22	N	28.13	E	10	G		1.1	4	TURKEY. MD 2.8 (ISK).
a	29	16 58 44.0	4.200	N	84.120	W	33	N	5.0 4.8	1.0	158	OFF COAST OF CENTRAL AMERICA. Mw 5.5 (HRV). MD 4.8 (UPA).
	29	17 13 10.1	18.825	S	168.969	E	188		4.4	0.9	37	VANUATU ISLANDS
	29	18 07 22.9*	40.590	N	21.533	E	10	G		0.3	5	GREECE. ML 2.1 (THE).
	29	18 11 29.1	40.699	N	30.057	E	10	G		0.4	8	TURKEY. MD 3.2 (ISK).
	29	18 40 40.8?	25.74	S	177.16	E	600	G	4.7	1.0	14	SOUTH OF FIJI ISLANDS
	29	18 41 19.3	4.182	N	84.119	W	33	N	4.5	0.8	45	OFF COAST OF CENTRAL AMERICA
	29	18 51 33.3?	40.67	N	30.02	E	5	G		0.1	4	TURKEY. MD 2.6 (ISK).
	29	19 14 42.5*	21.290	N	122.068	E	33	N	3.8	1.3	12	TAIWAN REGION
a	29	19 25 27.4	3.471	S	127.263	E	64		5.1	1.0	108	SERAM, INDONESIA. Mw 5.0 (HRV).
	29	19 27 01.2&	65.154	N	148.826	W	21				25	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	29	19 39 57.3	24.066	S	66.785	W	202		4.8	1.1	137	SALTA PROVINCE, ARGENTINA
	29	19 51 54.3%	36.685	N	2.901	W	10	G		0.9	10	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	29	20 18 42.3%	39.202	N	28.112	E	5	G		0.6	5	TURKEY. MD 2.8 (ISK).
	29	20 21 54.9	51.623	N	16.378	E	10	G		1.1	12	POLAND. ML 2.5 (MOX).
	29	21 31 36.9*	32.805	S	70.332	W	112	?		1.0	14	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	29	21 31 51.5	36.238	N	32.005	E	10	G		0.6	6	TURKEY. MD 3.5 (ISK).
	29	22 22 06.2*	40.692	N	30.039	E	10	G		0.5	10	TURKEY. MD 3.2 (ISK).
	29	22 44 46.5	40.649	N	21.607	E	5	G		0.7	16	GREECE. MD 3.1 (ATH). ML 2.6 (THE).
	29	23 01 42.0*	40.538	N	21.469	E	10	G		0.6	5	GREECE. ML 2.0 (THE).
	29	23 06 00.0	0.816	S	136.082	E	33	N	5.0	0.8	22	IRIAN JAYA REGION, INDONESIA
	29	23 21 02.3	35.185	N	89.756	E	33	N	3.9	1.1	14	XIZANG
	29	23 27 16.6*	18.295	N	67.062	W	33	N	3.4	1.4	6	MONA PASSAGE
	29	23 41 44.5&	59.816	N	152.993	W	123				52	SOUTHERN ALASKA. <AEIC>.
	29	23 53 56.4&	41.173	N	126.183	W	13		2.8		9	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).

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 04 21 19.77 18.080S 178.349W 574km
5.0mb (77 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 25C
Centroid Location:
Origin Time 04:21:25.6 0.6
Lat 17.73S 0.07 Lon 178.35W 0.06
Dep 583.4 4.1 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.56	28	59
N	0.30	37	173
P	-1.86	40	303

Best Double Couple:Mo=1.7*10**17
NP1:Strike= 98 Dip=38 Slip=-168
NP2: 358 83 -52

01 07 18 04.23 44.853N 146.273E 170km
5.8mb (183 obs.)
KURIL ISLANDS
RADIATED ENERGY
No. of sta: 22 Focal mech. C
Energy 1.5±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 152 No. of sta: 60
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.15	20	21
N	0.00	65	162
P	-2.15	14	285

Best Double Couple:Mo=2.2*10**18
NP1:Strike= 62 Dip=66 Slip= 176
NP2: 154 86 24
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,129C M.W.: 46S, 72C
Centroid Location:
Origin Time 07:18: 7.8 0.1
Lat 44.79N 0.01 Lon 146.33E 0.01
Dep 170.2 0.6 Half-duration 3.0
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.34	25	16
N	-0.18	59	155
P	-2.16	18	277

Best Double Couple:Mo=2.2*10**18
NP1:Strike= 55 Dip=59 Slip= 175
NP2: 148 86 31

01 17 57 58.17 37.829N 19.918E 30km
5.3mb (125 obs.) 4.7Msz (20 obs.)
IONIAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 21C
Centroid Location:
Origin Time 17:58: 1.5 0.5
Lat 37.84N 0.10 Lon 19.57E 0.07
Dep 15.0 BDY Half-duration 1.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.13	61	355
N	-0.12	29	186
P	-1.01	4	93

Best Double Couple:Mo=1.1*10**17
NP1:Strike=156 Dip=48 Slip= 49
NP2: 28 56 126

02 16 06 09.40 6.911S 155.790E 86km
5.0mb (50 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 42S, 51C
Centroid Location:
Origin Time 16:06: 9.6 0.2
Lat 7.05S 0.02 Lon 155.81E 0.02
Dep 65.8 2.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.51	75	124
N	-0.87	15	312
P	-8.64	2	222

Best Double Couple:Mo=9.1*10**16
NP1:Strike=297 Dip=45 Slip= 69
NP2: 146 49 110

02 18 36 11.43 11.463N 141.587E 33km
5.4mb (86 obs.) 5.6Msz (64 obs.)
WESTERN CAROLINE ISLANDS
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 25
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.47	51	330
N	-0.20	20	86
P	-3.27	32	189

Best Double Couple:Mo=3.4*10**17
NP1:Strike=327 Dip=22 Slip= 153
NP2: 83 80 70
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 51S, 94C
Centroid Location:
Origin Time 18:36:15.2 0.2
Lat 11.40N 0.02 Lon 141.66E 0.02

Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 5.03 Plg=66 Azm=355
N 0.31 1 263
P -5.34 24 172
Best Double Couple:Mo=5.2*10**17
NP1:Strike=260 Dip=21 Slip= 87
NP2: 83 69 91

03 08 56 07.38 19.765N 120.726E 32km
4.8mb (45 obs.) 4.3Msz (2 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 08:56: 7.4 0.5
Lat 19.95N 0.06 Lon 120.13E 0.12
Dep 32.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.22 Plg= 8 Azm=181
N 0.22 36 86
P -5.44 53 281
Best Double Couple:Mo=5.3*10**16
NP1:Strike=305 Dip=49 Slip= -38
NP2: 63 62 -132

03 11 14 20.12 27.291N 100.276E 11km
6.4mb (159 obs.) 6.5Msz (25 obs.)
YUNNAN, CHINA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=110 Dip=45 Slip= 240
NP2: 329 52 297
Principal Axes:
T Plg= 4 Azm= 41
P 69 301
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 1.5±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 2.17 Plg= 8 Azm= 78
N -0.06 9 347
P -2.11 78 208
Best Double Couple:Mo=2.1*10**18
NP1:Strike=179 Dip=38 Slip= -75
NP2: 340 53 -101
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 55S,124C M.W.: 48S,102C
Centroid Location:
Origin Time 11:14:31.8 0.1
Lat 27.15N 0.01 Lon 100.28E 0.01
Dep 15.0 FIX Half-duration 5.2
Principal Axes:
Scale 10**18 Nm
T Val= 10.03 Plg=11 Azm=254
N -0.17 13 161
P -9.86 73 24
Best Double Couple:Mo=9.9*10**18
NP1:Strike= 0 Dip=36 Slip= -68
NP2: 153 57 -105

04 11 57 19.62 44.975N 149.621E 33km
5.6mb (136 obs.) 4.9Msz (51 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 41S, 72C
Centroid Location:
Origin Time 11:57:25.1 0.3
Lat 45.13N 0.03 Lon 150.09E 0.04
Dep 40.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.41 Plg=69 Azm=264
N 0.14 11 25
P -1.55 18 119
Best Double Couple:Mo=1.5*10**17
NP1:Strike=227 Dip=29 Slip= 114
NP2: 19 64 77

04 16 58 05.97 27.041N 100.299E 10km
5.6mb (118 obs.) 5.2Msz (40 obs.)
YUNNAN, CHINA
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 14
Principal Axes:
Scale 10**17 Nm
T Val= 1.76 Plg= 8 Azm=264
N 0.01 7 355
P -1.77 79 127
Best Double Couple:Mo=1.8*10**17
NP1:Strike=345 Dip=37 Slip=-102
NP2: 180 54 -81
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 63C
Centroid Location:
Origin Time 16:58:13.9 0.2
Lat 26.84N 0.03 Lon 100.38E 0.03
Dep 15.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.74 Plg=12 Azm=265
N -0.32 2 175
P -2.42 78 74
Best Double Couple:Mo=2.6*10**17
NP1:Strike=358 Dip=33 Slip= -86
NP2: 173 57 -93

04 22 56 58.64 32.465S 179.504W 28km
5.7mb (58 obs.) 5.3Msz (41 obs.)
SOUTH OF KERMADEC ISLANDS
MOMENT TENSOR SOLUTION
Dep 5 No. of sta: 16
Principal Axes:
Scale 10**17 Nm
T Val= 6.50 Plg=29 Azm=307
N -1.49 8 41
P -5.01 60 146
Best Double Couple:Mo=5.8*10**17
NP1:Strike= 14 Dip=18 Slip=-119
NP2: 224 75 -81
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 46S,106C
Centroid Location:
Origin Time 22:57: 0.6 0.1
Lat 32.21S 0.02 Lon 179.45W 0.02
Dep 15.0 BDY Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 7.18 Plg=10 Azm=306
N -1.04 5 37
P -6.14 79 152
Best Double Couple:Mo=6.7*10**17
NP1:Strike= 31 Dip=35 Slip= -98
NP2: 220 55 -84

04 23 35 00.91 32.565S 179.692W 100km
5.1mb (18 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 23C
Centroid Location:
Origin Time 23:34:57.0 1.4
Lat 32.07S 0.10 Lon 179.98W 0.14
Dep 25.3 6.1 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.40 Plg= 6 Azm=139
N 0.55 10 48
P -1.95 78 259
Best Double Couple:Mo=1.7*10**17
NP1:Strike=240 Dip=40 Slip= -74
NP2: 40 52 -103

05 06 45 25.16 43.689N 28.597W 10km
4.9mb (80 obs.) 5.0Msz (41 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 32S, 46C
Centroid Location:
Origin Time 06:45:30.0 0.3
Lat 43.82N 0.05 Lon 28.69W 0.06
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.02 Plg=14 Azm= 91
N 0.89 14 358
P -11.91 70 225
Best Double Couple:Mo=1.1*10**17
NP1:Strike=200 Dip=33 Slip= -64
NP2: 350 60 -106

05 21 20 42.01 6.216S 154.853E 55km
5.5mb (80 obs.)
SOLOMON ISLANDS
MOMENT TENSOR SOLUTION
Dep 43 No. of sta: 20
Principal Axes:
Scale 10**17 Nm
T Val= 2.34 Plg=84 Azm=219
N 0.04 0 126
P -2.38 6 36
Best Double Couple:Mo=2.4*10**17
NP1:Strike=126 Dip=39 Slip= 90
NP2: 306 51 90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 49S, 73C
Centroid Location:
Origin Time 21:20:46.0 0.2
Lat 6.38S 0.02 Lon 154.74E 0.02
Dep 62.8 1.6 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.13 Plg=86 Azm=203
N -0.07 1 314
P -2.06 3 44
Best Double Couple:Mo=2.1*10**17
NP1:Strike=135 Dip=42 Slip= 92
NP2: 312 48 88

06 07 36 13.72 27.191N 100.284E 10km
5.3mb (88 obs.) 4.9Msz (8 obs.)
YUNNAN, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 32C
Centroid Location:
Origin Time 07:36:21.9 0.5
Lat 27.52N 0.07 Lon 100.12E 0.06
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.67 Plg= 0 Azm= 75
N 0.30 41 165
P -1.97 49 345
Best Double Couple:Mo=1.8*10**17
NP1:Strike=132 Dip=57 Slip=-141
NP2: 18 58 -40

06 10 56 13.59 2.914S 138.822E 30km
5.1mb (41 obs.) 4.2Msz (1 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 10:56:22.1 1.0
Lat 2.95S FIX;Lon 138.76E FIX
Dep 45.311.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.54 Plg=66 Azm=259
N 0.43 14 134
P -5.97 19 39
Best Double Couple:Mo=5.8*10**16
NP1:Strike=108 Dip=29 Slip= 60
NP2: 321 65 105

06 17 58 57.70 0.986N 120.115E 33km
5.4mb (59 obs.) 5.1Msz (19 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 67C
Centroid Location:
Origin Time 17:59: 3.6 0.3
Lat 1.31N 0.03 Lon 120.36E 0.03
Dep 22.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 4.27 Plg=58 Azm=174
N 0.29 5 76
P -4.56 32 343
Best Double Couple:Mo=4.4*10**17
NP1:Strike= 55 Dip=14 Slip= 69
NP2: 257 77 95

07 01 33 18.74 35.921N 136.574E 42km
5.1mb (90 obs.) 4.6Msz (6 obs.)
WESTERN HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 14S, 16C
Centroid Location:
Origin Time 01:33:19.3 0.9
Lat 35.90N FIX;Lon 136.55E FIX
Dep 44.411.4 Half-duration 1.0
Principal Axes:

Scale 10**16 Nm
T Val= 6.72 Plg=48 Azm= 10
N -1.75 40 207
P -4.96 8 110
Best Double Couple:Mo=5.8*10**16
NP1:Strike=163 Dip=51 Slip= 33
NP2: 51 65 136

07 02 54 31.66 14.853S 177.272W 33km
4.7mb (20 obs.) 4.9Msz (4 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 26C
Centroid Location:
Origin Time 02:54:33.1 0.6
Lat 14.91S 0.11 Lon 177.02W 0.07
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.92 Plg=10 Azm=321
N 0.85 67 77
P -7.78 20 228
Best Double Couple:Mo=7.3*10**16
NP1:Strike= 6 Dip=69 Slip=-173
NP2: 273 83 -22

07 07 57 18.11 1.019N 120.187E 14km
5.6mb (83 obs.) 5.6Msz (52 obs.)
MINAHASSA PENINSULA, SULAWESI
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 0 Dip=45 Slip= 20
NP2: 256 76 133
Principal Axes:
T Plg=42 Azm=206
P 19 315
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 9.0±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 28
Principal Axes:
Scale 10**18 Nm
T Val= 1.60 Plg=49 Azm=172
N 0.37 5 76
P -1.97 41 342
Best Double Couple:Mo=1.8*10**18
NP1:Strike= 30 Dip= 6 Slip= 44
NP2: 257 86 95
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S,102C
Centroid Location:
Origin Time 07:57:27.7 0.1
Lat 1.46N 0.02 Lon 120.31E 0.02
Dep 28.4 1.2 Half-duration 2.4
Principal Axes:
Scale 10**18 Nm
T Val= 1.24 Plg=59 Azm=172
N 0.16 4 76
P -1.39 31 344
Best Double Couple:Mo=1.3*10**18
NP1:Strike= 61 Dip=14 Slip= 75
NP2: 257 76 94

07 21 36 46.30 45.324N 149.892E 43km
6.3mb (144 obs.) 7.0Msz (37 obs.)
KURIL ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 5 Dip=60 Slip= 70
NP2: 221 36 121
Principal Axes:
T Plg=68 Azm=234
P 13 109
RADIATED ENERGY
No. of sta: 30 Focal mech. F
Energy 2.3±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 41 No. of sta: 65
Principal Axes:
Scale 10**19 Nm
T Val= 4.88 Plg=67 Azm=256
N -0.16 21 51
P -4.72 9 144
Best Double Couple:Mo=4.8*10**19
NP1:Strike=258 Dip=41 Slip= 124
NP2: 36 57 64
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 67S,185C M.W.: 62S,155C
Centroid Location:
Origin Time 21:36:56.6 0.1
Lat 45.29N 0.01 Lon 150.45E 0.01
Dep 48.7 0.3 Half-duration 9.9
Principal Axes:
Scale 10**19 Nm
T Val= 6.29 Plg=69 Azm=277
N 0.18 11 35
P -6.47 18 129
Best Double Couple:Mo=6.4*10**19
NP1:Strike=235 Dip=28 Slip= 113
NP2: 30 64 78

09 04 20 32.28 31.822S 57.874E 10km
5.1mb (37 obs.) 5.2Msz (22 obs.)
SOUTHWEST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 61C
Centroid Location:
Origin Time 04:20:36.3 0.3
Lat 31.62S 0.04 Lon 57.86E 0.05
Dep 15.0 BDY Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.39 Plg=18 Azm=182
N 0.37 22 280
P -1.75 61 56
Best Double Couple:Mo=1.6*10**17
NP1:Strike=242 Dip=33 Slip=-133
NP2: 110 67 -66

09 17 33 54.29 6.000S 146.629E 69km
5.6mb (85 obs.) 5.7Msz (41 obs.)
EASTERN NEW GUINEA REG., P.N.G.
MOMENT TENSOR SOLUTION
Dep 37 No. of sta: 3
Principal Axes:
Scale 10**18 Nm
T Val= 1.23 Plg=28 Azm= 21
N 0.02 18 121
P -1.26 56 239
Best Double Couple:Mo=1.2*10**18
NP1:Strike= 72 Dip=23 Slip=-141
NP2: 306 76 -71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,124C M.W.: 25S, 30C
Centroid Location:
Origin Time 17:33:58.5 0.1
Lat 6.01S 0.01 Lon 146.74E 0.01
Dep 25.2 0.5 Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.70 Plg=45 Azm= 44
N 0.22 11 302
P -1.92 43 202
Best Double Couple:Mo=1.8*10**18
NP1:Strike=217 Dip=11 Slip= 4
NP2: 123 89 101

11 09 28 49.77 45.355N 150.529E 33km
5.3mb (112 obs.) 4.6Msz (18 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 26C
Centroid Location:
Origin Time 09:28:54.1 0.6
Lat 45.61N FIX;Lon 151.28E FIX
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 4.67 Plg=74 Azm=285
N 2.57 6 36
P -7.24 15 127
Best Double Couple:Mo=5.9*10**16
NP1:Strike=225 Dip=31 Slip= 101
NP2: 32 60 84

11 20 50 25.48 16.392S 168.182E 18km
5.4mb (49 obs.) 4.6Msz (4 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 20:50:28.3 0.9
Lat 16.62S 0.09 Lon 168.04E 0.09
Dep 30.4 5.8 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.32 Plg=62 Azm=291
N 1.39 3 196
P -8.71 28 105
Best Double Couple:Mo=8.0*10**16
NP1:Strike=187 Dip=17 Slip= 81
NP2: 17 73 93

11 23 51 01.22 51.934N 160.001E 33km
5.1mb (85 obs.) 5.0Msz (13 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 30S, 53C
Centroid Location:
Origin Time 23:51: 3.3 1.0
Lat 51.81N 0.06 Lon 160.86E 0.11
Dep 21.3 3.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.99 Plg=70 Azm=243
N 0.23 17 30
P -9.23 10 123
Best Double Couple:Mo=9.1*10**16
NP1:Strike=233 Dip=38 Slip= 118
NP2: 19 57 70

12 02 58 53.74 45.249N 150.303E 33km
5.5mb (134 obs.) 5.0Msz (20 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 29S, 46C
Centroid Location:
Origin Time 02:58:53.2 0.7
Lat 45.27N 0.05 Lon 151.44E 0.07
Dep 40.3 3.5 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 8.81 Plg=73 Azm=291
N 2.83 5 39
P -11.64 16 130
Best Double Couple:Mo=1.0*10**17
NP1:Strike=228 Dip=29 Slip= 101
NP2: 36 61 84

12 09 08 07.99 11.044S 118.670E 8km
5.9mb (87 obs.) 5.8Msz (53 obs.)
SOUTH OF SUMBAWA, INDONESIA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 80 Dip=60 Slip= 320
NP2: 193 56 217
Principal Axes:
T Plg= 2 Azm=137
P 48 45
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 2.0±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 29
Principal Axes:
Scale 10**18 Nm
T Val= 1.42 Plg=16 Azm=151
N -0.16 5 243
P -1.26 73 351
Best Double Couple:Mo=1.3*10**18
NP1:Strike=233 Dip=29 Slip=-101
NP2: 66 61 -84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 58S,117C M.W.: 41S, 58C
Centroid Location:
Origin Time 09:08:14.5 0.1
Lat 11.23S 0.01 Lon 118.93E 0.01
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**18 Nm
T Val= 1.46 Plg= 4 Azm=348
N -0.01 18 257
P -1.45 71 91
Best Double Couple:Mo=1.5*10**18
NP1:Strike= 97 Dip=44 Slip= -63
NP2: 242 52 -114

14 20 31 07.06 45.460N 150.374E 37km
5.8mb (171 obs.) 5.3Msz (28 obs.)
KURIL ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=250 Dip=30 Slip= 105
NP2: 53 61 82
Principal Axes:
T Plg=73 Azm=302
P 16 149
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 3.8±1.1*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 35 No. of sta: 49

Principal Axes:
Scale 10**17 Nm
T Val= 5.23 Plg=69 Azm=277
N -0.06 15 53
P -5.18 14 147
Best Double Couple:Mo=5.2*10**17
NP1:Strike=257 Dip=34 Slip= 118
NP2: 44 61 72
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 43S, 93C
Centroid Location:
Origin Time 20:31:10.2 0.2
Lat 45.44N 0.02 Lon 151.03E 0.03
Dep 49.8 1.5 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.42 Plg=76 Azm=295
N 0.59 4 42
P -5.01 13 133
Best Double Couple:Mo=4.7*10**17
NP1:Strike=229 Dip=32 Slip= 98
NP2: 39 58 85

14 21 26 56.30 29.246N 140.446E 141km
5.8mb (190 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 31C
Centroid Location:
Origin Time 21:26:57.1 0.4
Lat 29.16N 0.03 Lon 140.55E 0.07
Dep 144.9 1.4 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 2.86 Plg=61 Azm=232
N 1.50 28 63
P -4.36 5 331
Best Double Couple:Mo=3.6*10**17
NP1:Strike= 34 Dip=47 Slip= 50
NP2: 265 56 125

15 00 45 53.71 51.246N 179.411W 33km
5.6mb (157 obs.) 5.1Msz (55 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 88C
Centroid Location:
Origin Time 00:45:56.7 0.2
Lat 51.26N 0.02 Lon 179.12W 0.04
Dep 31.3 1.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.67 Plg=61 Azm=307
N 0.16 13 62
P -2.83 25 158
Best Double Couple:Mo=2.8*10**17
NP1:Strike=275 Dip=23 Slip= 126
NP2: 57 72 76

16 09 44 58.41 1.496S 15.279W 11km
6.2mb (86 obs.) 6.4Msz (46 obs.)
NORTH OF ASCENSION ISLAND
RADIATED ENERGY
No. of sta: 19 Focal mech. M
Energy 5.8±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 44
Principal Axes:
Scale 10**18 Nm
T Val= 7.05 Plg= 2 Azm=208
N 0.47 79 310
P -7.52 11 118
Best Double Couple:Mo=7.3*10**18
NP1:Strike=254 Dip=81 Slip=-174
NP2: 163 84 -9
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 70S,168C M.W.: 68S,146C
Centroid Location:
Origin Time 09:45: 5.1 0.1
Lat 1.11S 0.01 Lon 15.25W 0.01
Dep 15.0 FIX Half-duration 4.7
Principal Axes:
Scale 10**18 Nm
T Val= 8.12 Plg= 7 Azm=215
N 0.44 70 324
P -8.56 19 123
Best Double Couple:Mo=8.3*10**18
NP1:Strike=260 Dip=72 Slip=-171
NP2: 167 81 -19

16 11 34 31.11 15.282S 173.218W 33km
5.3mb (46 obs.) 5.6Msz (33 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 20C
Centroid Location:
Origin Time 11:34:36.9 0.7
Lat 15.13S 0.09 Lon 173.24W 0.09
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 9.49 Plg=36 Azm=320
N 0.38 41 191
P -9.87 28 73
Best Double Couple:Mo=9.7*10**17
NP1:Strike=110 Dip=41 Slip= 7
NP2: 15 86 131

16 15 22 58.83 37.353N 142.380E 41km
6.3mb (168 obs.) 6.2Msz (67 obs.)
OFF EAST COAST OF HONSHU, JAPAN
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 55 Dip=87 Slip= 135
NP2: 148 45 4
Principal Axes:
T Plg=32 Azm= 1
P 28 111
RADIATED ENERGY
No. of sta: 20 Focal mech. F
Energy 2.4±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 46 No. of sta: 58
Principal Axes:
Scale 10**19 Nm
T Val= 1.09 Plg=45 Azm=337
N 0.01 20 226
P -1.09 38 119
Best Double Couple:Mo=1.1*10**19
NP1:Strike=146 Dip=21 Slip= 10
NP2: 47 87 110
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,160C M.W.: 52S,115C
Centroid Location:
Origin Time 15:23: 4.2 0.1
Lat 37.32N 0.01 Lon 142.31E 0.01
Dep 39.7 0.5 Half-duration 5.8
Principal Axes:
Scale 10**18 Nm
T Val= 13.19 Plg=42 Azm=338
N 0.19 18 231
P -13.38 43 124
Best Double Couple:Mo=1.3*10**19
NP1:Strike=139 Dip=18 Slip= -2
NP2: 231 89 -108

17 03 26 41.77 3.158N 147.715E 22km
5.4mb (51 obs.) 4.6Msz (6 obs.)
E. CAROLINE ISLANDS, MICRONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 19S, 23C
Centroid Location:
Origin Time 03:26:44.9 0.8
Lat 3.36N 0.12 Lon 148.00E 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.48 Plg=85 Azm= 74
N -2.01 4 228
P -3.47 2 318
Best Double Couple:Mo=4.5*10**16
NP1:Strike= 52 Dip=43 Slip= 96
NP2: 224 47 84

17 05 59 30.55 0.891S 136.952E 33km
6.5mb (99 obs.) 8.1Msz (66 obs.)
IRIAN JAYA REGION, INDONESIA
RADIATED ENERGY
No. of sta: 5 Focal mech. M
Energy 8.5±2.1*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 11
Principal Axes:
Scale 10**21 Nm
T Val= 1.79 Plg=55 Azm=230
N 0.00 0 321
P -1.79 35 51
Best Double Couple:Mo=1.8*10**21
NP1:Strike=142 Dip=10 Slip= 91
NP2: 321 80 90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
M.W.: 70S,196C
Centroid Location:
Origin Time 06:00: 2.8 0.1
Lat 0.67S 0.00 Lon 136.62E 0.01
Dep 15.0 FIX Half-duration 29.6
Principal Axes:
Scale 10**21 Nm
T Val= 2.42 Plg=55 Azm=220
N -0.03 4 124
P -2.39 35 31
Best Double Couple:Mo=2.4*10**21
NP1:Strike=103 Dip=11 Slip= 69
NP2: 305 80 94

17 14 21 22.35 0.567S 135.840E 19km
5.8mb (74 obs.) 6.5Msz (65 obs.)
IRIAN JAYA REGION, INDONESIA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=305 Dip=78 Slip= 115
NP2: 59 28 27
Principal Axes:
T Plg=51 Azm=243
P 29 15
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 1.4±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 9
Principal Axes:
Scale 10**18 Nm
T Val= 6.39 Plg=55 Azm=225
N 0.07 8 123
P -6.46 34 28
Best Double Couple:Mo=6.4*10**18
NP1:Strike= 87 Dip=14 Slip= 53
NP2: 305 79 98
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 68S,145C
Centroid Location:
Origin Time 14:21:27.0 0.2
Lat 0.64S 0.03 Lon 135.89E 0.02
Dep 15.0 FIX Half-duration 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 6.62 Plg=58 Azm=218
N -0.01 3 123
P -6.62 32 32
Best Double Couple:Mo=6.6*10**18
NP1:Strike=112 Dip=14 Slip= 79
NP2: 304 77 93

17 20 18 07.02 0.917S 136.225E 32km
6.0mb (32 obs.) 6.6Msz (55 obs.)
IRIAN JAYA REGION, INDONESIA
RADIATED ENERGY
No. of sta: 14 Focal mech. M
Energy 1.1±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 24 No. of sta: 23
Principal Axes:
Scale 10**18 Nm
T Val= 4.63 Plg= 4 Azm=321
N 0.39 21 53
P -5.03 68 220
Best Double Couple:Mo=4.8*10**18
NP1:Strike= 30 Dip=45 Slip=-121
NP2: 250 53 -63
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,148C M.W.: 38S, 80C
Centroid Location:
Origin Time 20:18:10.9 0.1
Lat 1.01S 0.01 Lon 135.99E 0.01
Dep 15.0 FIX Half-duration 4.9
Principal Axes:
Scale 10**18 Nm
T Val= 8.17 Plg=10 Azm=344
N -1.88 27 79
P -6.29 61 235
Best Double Couple:Mo=7.2*10**18
NP1:Strike= 45 Dip=42 Slip=-132
NP2: 275 60 -59

18 00 22 24.85 0.573S 135.756E 33km
5.3mb (51 obs.) 5.6Msz (26 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 36S, 66C
Centroid Location:
Origin Time 00:22:27.1 0.2

Lat 0.51S 0.04 Lon 135.74E 0.04
Dep 15.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.54	30	322
N	-1.16	20	64
P	-6.38	53	182

Best Double Couple:Mo=7.0*10**17
NP1:Strike= 8 Dip=23 Slip=-149
NP2: 249 78 -70

18 02 25 33.35 1.336S 136.464E 10km
5.9mb (75 obs.) 6.3Msz (54 obs.)
IRIAN JAYA REGION, INDONESIA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=195 Dip=80 Slip= 180
NP2: 105 90 -10
Principal Axes:

	Plg=	Azm=
T	7	150
P	7	60

RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 2.1±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 19
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.32	2	311
N	-0.01	87	86
P	-1.31	2	221

Best Double Couple:Mo=1.3*10**18
NP1:Strike=356 Dip=87 Slip= 180
NP2: 86 90 3
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 67S,161C M.W.: 57S,105C
Centroid Location:
Origin Time 02:25:41.1 0.1
Lat 1.28S 0.01 Lon 136.52E 0.01
Dep 15.0 FIX Half-duration 4.1
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.35	12	307
N	-0.11	70	180
P	-4.24	15	40

Best Double Couple:Mo=4.3*10**18
NP1:Strike= 83 Dip=70 Slip= -2
NP2: 174 88 -160

18 09 57 17.00 13.906N 120.754E 242km
5.4mb (105 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 48S, 75C
Centroid Location:
Origin Time 09:57:21.6 0.2
Lat 14.07N 0.02 Lon 120.80E 0.03
Dep 243.1 1.2 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.05	53	190
N	0.01	8	291
P	-3.05	36	27

Best Double Couple:Mo=3.0*10**17
NP1:Strike=155 Dip=12 Slip= 134
NP2: 290 81 82

18 10 48 34.79 0.918S 136.133E 33km
5.2mb (33 obs.) 4.7Msz (8 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 10:48:37.2 0.9
Lat 0.90S 0.09 Lon 136.10E 0.12
Dep 33.2 7.0 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.04	26	328
N	-4.97	48	92
P	-7.07	30	222

Best Double Couple:Mo=9.6*10**16
NP1:Strike= 6 Dip=48 Slip=-177
NP2: 274 88 -42

18 12 02 49.00 0.801S 136.552E 33km
5.4mb (48 obs.) 5.1Msz (24 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 34S, 51C
Centroid Location:
Origin Time 12:02:51.7 0.3
Lat 0.88S 0.04 Lon 136.36E 0.05
Dep 15.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.22	4	189
N	-0.04	8	280
P	-1.17	81	71

Best Double Couple:Mo=1.2*10**17
NP1:Strike=271 Dip=41 Slip=-101
NP2: 106 50 -80

18 13 58 14.82 0.912S 136.393E 33km
5.2mb (45 obs.) 4.6Msz (6 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 19C
Centroid Location:
Origin Time 13:58:17.5 0.7
Lat 0.85S 0.16 Lon 136.15E 0.12
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.01	4	298
N	0.48	7	207
P	-4.49	81	58

Best Double Couple:Mo=4.2*10**16
NP1:Strike= 36 Dip=41 Slip= -79
NP2: 201 50 -100

18 19 40 21.62 0.477S 135.541E 33km
5.0mb (43 obs.) 5.0Msz (14 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 39S, 61C
Centroid Location:
Origin Time 19:40:25.1 0.3
Lat 0.42S 0.04 Lon 135.48E 0.04
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.18	10	309
N	-0.56	55	54
P	-1.62	33	212

Best Double Couple:Mo=1.9*10**17
NP1:Strike=355 Dip=59 Slip=-162
NP2: 256 75 -32

18 23 09 55.30 3.362S 139.743E 33km
5.1mb (36 obs.) 4.9Msz (11 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 33C
Centroid Location:
Origin Time 23:10: 4.2 0.8
Lat 3.02S 0.05 Lon 139.43E 0.06
Dep 20.3 2.3 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.33	77	95
N	-0.19	8	329
P	-2.14	11	238

Best Double Couple:Mo=2.2*10**17
NP1:Strike=318 Dip=35 Slip= 76
NP2: 155 56 99

18 23 49 28.16 1.266S 14.273W 10km
6.3mb (102 obs.) 6.5Msz (48 obs.)
NORTH OF ASCENSION ISLAND
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=275 Dip=75 Slip= 175
NP2: 6 85 15
Principal Axes:

	Plg=	Azm=
T	14	232
P	7	140

RADIATED ENERGY
No. of sta: 23 Focal mech. F
Energy 7.8±1.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 46
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	7.34	16	213
N	-0.02	68	348
P	-7.33	15	118

Best Double Couple:Mo=7.3*10**18
NP1:Strike=255 Dip=68 Slip= 179
NP2: 346 89 22
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 72S,170C M.W.: 69S,158C
Centroid Location:
Origin Time 23:49:36.1 0.1
Lat 0.77S 0.01 Lon 14.00W 0.01
Dep 15.0 FIX Half-duration 5.0
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	10.43	17	214
N	-1.52	69	358
P	-8.90	11	120

Best Double Couple:Mo=9.7*10**18
NP1:Strike=256 Dip=70 Slip= 176
NP2: 348 86 20

19 02 28 32.10 1.199S 14.232W 12km
5.6mb (102 obs.) 5.2Msz (35 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 33C
Centroid Location:
Origin Time 02:28:37.4 0.6
Lat 0.75S 0.10 Lon 14.06W 0.07
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.26	8	212
N	-0.13	81	8
P	-4.13	4	121

Best Double Couple:Mo=4.2*10**17
NP1:Strike=256 Dip=82 Slip= 177
NP2: 347 87 8

19 07 10 06.48 42.132S 75.283W 8km
5.9mb (66 obs.) 5.4Msz (42 obs.)
OFF COAST OF SOUTHERN CHILE
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 35 Dip=70 Slip= -55
NP2: 151 40 -148
Principal Axes:

	Plg=	Azm=
T	18	100
P	52	346

RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 9.1±2.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 50
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.62	9	115
N	0.05	10	24
P	-4.67	77	248

Best Double Couple:Mo=4.6*10**17
NP1:Strike=217 Dip=37 Slip= -74
NP2: 17 55 -102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 56S,110C
Centroid Location:
Origin Time 07:10:14.9 0.1
Lat 42.45S 0.02 Lon 76.02W 0.02
Dep 15.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	12.37	18	107
N	-2.94	2	16
P	-9.43	72	279

Best Double Couple:Mo=1.1*10**18
NP1:Strike=201 Dip=27 Slip= -85
NP2: 15 63 -93

19 12 14 18.08 40.367N 142.371E 33km
5.2mb (103 obs.) 4.7Msz (33 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 15S, 18C
Centroid Location:
Origin Time 12:14:21.5 0.6
Lat 40.60N 0.08 Lon 142.77E 0.11
Dep 35.2 7.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.88	54	288
N	0.89	10	184
P	-10.77	34	87

Best Double Couple:Mo=1.0*10**17
NP1:Strike=140 Dip=14 Slip= 45
NP2: 6 80 100

19 23 28 06.22 22.120S 179.466W 611km
5.1mb (55 obs.)

SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 69C
Centroid Location:
Origin Time 23:28:10.7 0.3
Lat 21.84S 0.03 Lon 179.46W 0.03
Dep 623.0 2.1 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.75	23	73
N	0.43	5	165
P	-2.18	66	267

Best Double Couple:Mo=2.0*10**17
NP1:Strike=153 Dip=22 Slip=-104
NP2: 347 69 -85

19 23 48 38.59 20.341S 169.217E 43km
5.8mb (62 obs.) 5.3Msz (43 obs.)
VANUATU ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike= 60 Dip=50 Slip= 75
NP2: 263 42 107
Principal Axes:

		Plg=	Azm=
T		78	269
P		4	161

RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 3.1±0.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 48 No. of sta: 28
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.97	79	292
N	-0.29	11	102
P	-4.67	2	193

Best Double Couple:Mo=4.8*10**17
NP1:Strike=294 Dip=44 Slip= 106
NP2: 92 48 75
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 68S,122C
Centroid Location:
Origin Time 23:48:46.3 0.1
Lat 20.27S 0.01 Lon 168.89E 0.02
Dep 56.2 1.1 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.34	72	296
N	-1.14	17	94
P	-3.20	6	186

Best Double Couple:Mo=3.8*10**17
NP1:Strike=294 Dip=41 Slip= 116
NP2: 81 53 69

20 08 14 05.37 1.571S 136.498E 33km
5.1mb (43 obs.) 4.6Msz (9 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 48C
Centroid Location:
Origin Time 08:14: 6.6 0.4
Lat 1.59S 0.05 Lon 136.54E 0.05
Dep 16.5 4.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.17	14	334
N	0.32	69	203
P	-10.49	15	67

Best Double Couple:Mo=1.0*10**17
NP1:Strike=110 Dip=69 Slip= -1
NP2: 201 89 -159

21 04 59 53.45 28.883N 34.750E 23km
5.1mb (89 obs.) 4.4Msz (9 obs.)
EGYPT
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 35S, 53C
Centroid Location:
Origin Time 04:59:56.8 0.3
Lat 29.03N 0.05 Lon 34.37E 0.07
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.09	16	52
N	0.10	7	144
P	-1.20	73	257

Best Double Couple:Mo=1.1*10**17
NP1:Strike=132 Dip=30 Slip=-104
NP2: 328 61 -82

21 12 51 01.30 9.593S 79.587W 10km
5.8mb (104 obs.) 6.6Msz (58 obs.)
OFF COAST OF NORTHERN PERU
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 51
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	1.49	49	71
N	0.02	0	162
P	-1.51	41	252

Best Double Couple:Mo=1.5*10**20
NP1:Strike=347 Dip= 4 Slip= 95
NP2: 162 86 90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
M.W.: 62S,156C
Centroid Location:
Origin Time 12:51:27.0 0.1
Lat 9.95S 0.01 Lon 80.23W 0.00
Dep 15.0 FIX Half-duration 10.3
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	2.27	59	68
N	-0.08	0	337
P	-2.19	31	246

Best Double Couple:Mo=2.2*10**20
NP1:Strike=335 Dip=14 Slip= 88
NP2: 157 76 91

22 13 40 53.47 33.672S 71.671W 43km
5.9mb (74 obs.) 5.5Msz (35 obs.)
NEAR COAST OF CENTRAL CHILE
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=325 Dip=64 Slip= 125
NP2: 87 43 40
Principal Axes:

		Plg=	Azm=
T		56	282
P		12	30

RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 9.1±2.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 37 No. of sta: 44
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.10	65	287
N	-0.01	22	139
P	-1.09	12	44

Best Double Couple:Mo=1.1*10**18
NP1:Strike=108 Dip=38 Slip= 53
NP2: 332 61 115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 72S,153C
Centroid Location:
Origin Time 13:40:57.5 0.1
Lat 33.53S 0.01 Lon 72.00W 0.02
Dep 50.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.61	63	278
N	0.49	25	126
P	-8.11	11	31

Best Double Couple:Mo=7.9*10**17
NP1:Strike= 93 Dip=40 Slip= 49
NP2: 321 61 119

22 14 59 08.98 45.263N 148.542E 124km
6.3mb (181 obs.)
KURIL ISLANDS
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=250 Dip=90 Slip=-105
NP2: 160 15 0
Principal Axes:

		Plg=	Azm=
T		43	355
P		43	145

RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 6.9±1.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 127 No. of sta: 43
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.58	41	346
N	-0.02	14	243
P	-3.56	45	139

Best Double Couple:Mo=3.6*10**18
NP1:Strike=145 Dip=14 Slip= -8
NP2: 243 88 -104
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 64S,157C M.W.: 50S, 98C
Centroid Location:
Origin Time 14:59:12.3 0.1
Lat 45.29N 0.01 Lon 148.56E 0.01
Dep 130.3 0.4 Half-duration 3.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.57	38	340
N	0.08	8	244
P	-3.65	51	145

Best Double Couple:Mo=3.6*10**18
NP1:Strike=114 Dip=10 Slip= -40
NP2: 243 84 -98

24 06 52 13.31 4.731S 152.814E 82km
5.1mb (47 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 37S, 47C
Centroid Location:
Origin Time 06:52:11.9 0.5
Lat 4.90S 0.05 Lon 153.21E 0.05
Dep 63.0 4.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.04	67	225
N	-1.19	15	355
P	-6.85	16	90

Best Double Couple:Mo=7.4*10**16
NP1:Strike=201 Dip=32 Slip= 120
NP2: 348 63 73

24 15 52 59.10 0.869S 137.346E 33km
5.6mb (73 obs.) 5.8Msz (57 obs.)
IRIAN JAYA REGION, INDONESIA
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 1.7±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 27
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.48	57	220
N	-0.05	2	127
P	-2.43	33	36

Best Double Couple:Mo=2.5*10**18
NP1:Strike=118 Dip=12 Slip= 81
NP2: 308 78 92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 62S,137C M.W.: 52S, 76C
Centroid Location:
Origin Time 15:53: 3.9 0.1
Lat 0.89S 0.01 Lon 137.28E 0.01
Dep 15.0 FIX Half-duration 3.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.35	61	230
N	0.11	10	121
P	-2.46	27	26

Best Double Couple:Mo=2.4*10**18
NP1:Strike= 93 Dip=20 Slip= 60
NP2: 304 73 100

24 19 56 48.53 0.972S 137.308E 33km
5.1mb (35 obs.) 5.0Msz (28 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 27S, 38C
Centroid Location:
Origin Time 19:56:47.8 0.6
Lat 0.96S 0.05 Lon 137.79E 0.08
Dep 28.5 4.6 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.42	60	180
N	-0.05	9	285
P	-1.36	28	20

Best Double Couple:Mo=1.4*10**17
NP1:Strike=133 Dip=18 Slip= 119
NP2: 283 74 81

24 20 33 32.67 29.312N 142.347E 42km
5.0mb (78 obs.) 4.8Msz (14 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 16S, 19C
Centroid Location:
Origin Time 20:33:33.0 0.7
Lat 29.25N 0.13 Lon 142.65E 0.11
Dep 15.0 FIX Half-duration 1.0
Principal Axes:

Scale 10**16 Nm
T Val= 7.54 Plg=79 Azm=118
N -0.45 9 331
P -7.09 6 240
Best Double Couple:Mo=7.3*10**16
NP1:Strike=320 Dip=40 Slip= 76
NP2: 158 51 102

25 03 08 15.87 15.978N 98.070W 21km
6.1mb (113 obs.) 6.9Msz (52 obs.)
OFF COAST OF GUERRERO, MEXICO
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=305 Dip= 5 Slip= 90
NP2: 125 85 90
Principal Axes:
T Plg=50 Azm= 35
P 40 215
RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 1.3±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 26
Principal Axes:
Scale 10**19 Nm
T Val= 5.39 Plg=56 Azm= 25
N 0.07 1 293
P -5.46 33 202
Best Double Couple:Mo=5.4*10**19
NP1:Strike=287 Dip=12 Slip= 84
NP2: 113 78 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 61S,163C M.W.: 60S,153C
Centroid Location:
Origin Time 03:08:26.9 0.1
Lat 15.88N 0.00 Lon 97.98W 0.01
Dep 15.0 FIX Half-duration 9.3
Principal Axes:
Scale 10**19 Nm
T Val= 5.71 Plg=61 Azm= 33
N -0.40 5 295
P -5.31 29 203
Best Double Couple:Mo=5.5*10**19
NP1:Strike=280 Dip=16 Slip= 74
NP2: 117 74 95

25 09 17 57.04 16.122N 97.930W 12km
5.6mb (85 obs.) 5.4Msz (29 obs.)
OAXACA, MEXICO
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=300 Dip=10 Slip= 90
NP2: 120 80 90
Principal Axes:
T Plg=55 Azm= 30
P 35 210
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 3.7±1.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 32
Principal Axes:
Scale 10**18 Nm
T Val= 1.99 Plg=57 Azm= 5
N 0.23 3 99
P -2.22 33 191
Best Double Couple:Mo=2.1*10**18
NP1:Strike=292 Dip=13 Slip= 103
NP2: 99 78 87
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 50S, 94C
Centroid Location:
Origin Time 09:18: 2.8 0.2
Lat 16.10N 0.03 Lon 97.74W 0.04
Dep 15.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.81 Plg=57 Azm= 29
N -0.05 9 286
P -7.76 31 190
Best Double Couple:Mo=7.8*10**17
NP1:Strike=253 Dip=16 Slip= 56
NP2: 108 77 99

25 14 17 17.20 12.964N 91.063W 8km
5.6mb (111 obs.) 5.3Msz (37 obs.)
OFF COAST OF CENTRAL AMERICA
BROADBAND FAULT PLANE SOLUTION:
NP1:Strike=317 Dip=83 Slip= -48
NP2: 55 42 -170
Principal Axes:
T Plg=26 Azm= 15
P 37 264

RADIATED ENERGY
No. of sta: 5 Focal mech. F
Energy 2.2±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 31
Principal Axes:
Scale 10**17 Nm
T Val= 7.22 Plg=13 Azm= 5
N -0.03 67 130
P -7.19 18 271
Best Double Couple:Mo=7.2*10**17
NP1:Strike= 48 Dip=68 Slip=-177
NP2: 317 87 -22
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 54S,110C
Centroid Location:
Origin Time 14:17:21.1 0.2
Lat 12.77N 0.02 Lon 91.56W 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 5.46 Plg= 8 Azm= 26
N -0.91 18 119
P -4.55 70 274
Best Double Couple:Mo=5.0*10**17
NP1:Strike= 96 Dip=40 Slip=-119
NP2: 312 55 -68

25 16 14 11.64 35.725N 56.990E 33km
4.8mb (85 obs.) 5.1Msz (27 obs.)
NORTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 24S, 30C
Centroid Location:
Origin Time 16:14:12.7 0.4
Lat 35.65N 0.06 Lon 57.35E 0.06
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.45 Plg=17 Azm=306
N -0.07 73 135
P -1.38 3 37
Best Double Couple:Mo=1.4*10**17
NP1:Strike= 82 Dip=77 Slip= 10
NP2: 350 80 166

25 17 42 04.66 35.685N 57.038E 33km
4.9mb (80 obs.) 5.0Msz (13 obs.)
NORTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 23S, 29C
Centroid Location:
Origin Time 17:42: 4.8 0.4
Lat 35.85N 0.06 Lon 57.22E 0.07
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.70 Plg=11 Azm=121
N 2.32 78 320
P -11.02 4 212
Best Double Couple:Mo=9.9*10**16
NP1:Strike=257 Dip=79 Slip= 5
NP2: 166 85 169

26 01 37 34.38 15.933N 97.807W 33km
5.1mb (54 obs.) 5.0Msz (15 obs.)
NEAR COAST OF OAXACA, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 31S, 43C
Centroid Location:
Origin Time 01:37:34.3 0.3
Lat 15.83N 0.04 Lon 97.98W 0.05
Dep 17.0 2.5 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.42 Plg=56 Azm= 75
N -0.14 0 165
P -2.28 34 255
Best Double Couple:Mo=2.3*10**17
NP1:Strike=347 Dip=11 Slip= 92
NP2: 165 79 90

26 08 08 19.20 28.285N 57.059E 32km
5.3mb (95 obs.) 5.1Msz (27 obs.)
SOUTHERN IRAN
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 16
Principal Axes:
Scale 10**17 Nm

T Val= 1.42 Plg=36 Azm=345
N -0.23 38 109
P -1.20 32 228
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 15 Dip=38 Slip= 177
NP2: 107 88 52
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 13S, 16C
Centroid Location:
Origin Time 08:08:23.9 0.9
Lat 28.32N FIX;Lon 57.09E FIX
Dep 33.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.94 Plg=51 Azm= 5
N 0.82 4 100
P -2.76 39 194
Best Double Couple:Mo=2.3*10**17
NP1:Strike=315 Dip= 7 Slip= 125
NP2: 100 84 86

27 18 03 01.77 14.072S 167.468E 13km
5.6mb (79 obs.) 5.5Msz (51 obs.)
VANUATU ISLANDS
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 25
Principal Axes:
Scale 10**17 Nm
T Val= 6.20 Plg=48 Azm=149
N 0.01 41 317
P -6.21 6 52
Best Double Couple:Mo=6.2*10**17
NP1:Strike=178 Dip=53 Slip= 145
NP2: 291 63 43
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 53S, 97C
Centroid Location:
Origin Time 18:03: 6.5 0.2
Lat 14.01S 0.02 Lon 167.54E 0.02
Dep 15.0 BDY Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.78 Plg=44 Azm=159
N -0.61 38 298
P -5.17 22 45
Best Double Couple:Mo=5.5*10**17
NP1:Strike=181 Dip=41 Slip= 159
NP2: 287 77 51

28 09 44 10.92 1.756N 126.048E 116km
6.2mb (126 obs.)
NORTHERN MOLUCCA SEA
RADIATED ENERGY
No. of sta: 9 Focal mech. M
Energy 5.2±1.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 91 No. of sta: 25
Principal Axes:
Scale 10**18 Nm
T Val= 5.11 Plg=77 Azm=231
N -0.01 13 62
P -5.10 2 331
Best Double Couple:Mo=5.1*10**18
NP1:Strike= 48 Dip=44 Slip= 71
NP2: 253 49 108
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 60S,139C M.W.: 48S, 89C
Centroid Location:
Origin Time 09:44:13.6 0.1
Lat 2.03N 0.01 Lon 126.29E 0.01
Dep 92.3 0.5 Half-duration 4.1
Principal Axes:
Scale 10**18 Nm
T Val= 4.40 Plg=84 Azm=184
N 0.87 1 79
P -5.26 6 349
Best Double Couple:Mo=4.8*10**18
NP1:Strike= 77 Dip=39 Slip= 88
NP2: 260 51 92

29 16 58 44.01 4.200N 84.120W 33km
5.0mb (59 obs.) 4.8Msz (26 obs.)
OFF COAST OF CENTRAL AMERICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 38S, 60C
Centroid Location:
Origin Time 16:58:45.2 0.2
Lat 4.38N 0.03 Lon 84.10W 0.04
Dep 15.0 FIX Half-duration 1.3

Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.47	21	137
N	0.76	59	8
P	-2.23	22	236

Best Double Couple:Mo=1.9*10**17
NP1:Strike=276 Dip=59 Slip= -1
NP2: 7 89 -149

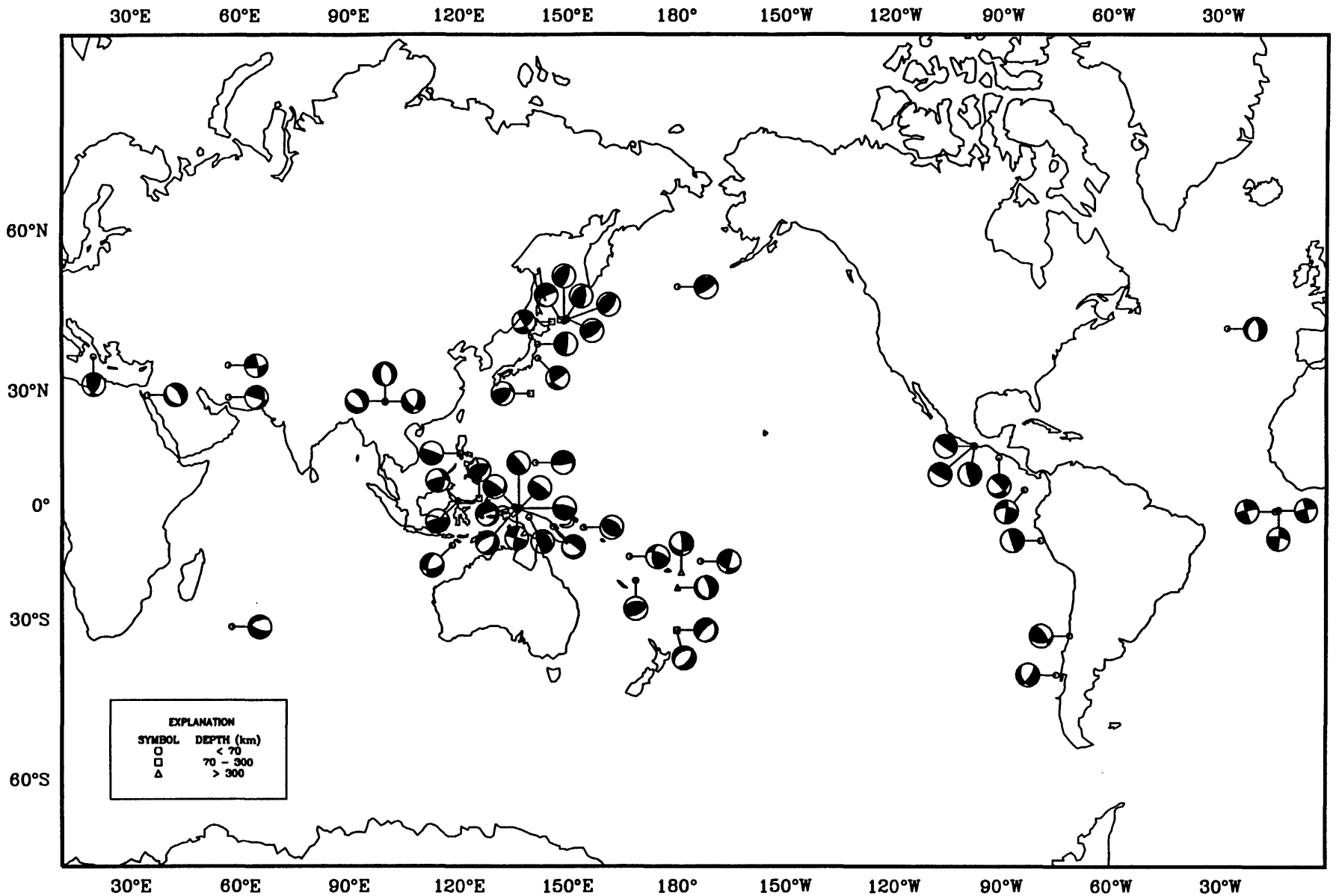
29 19 25 27.41 3.471S 127.263E 64km
5.1mb (43 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GSN
L.P.B.: 17S, 24C
Centroid Location:
Origin Time 19:25:29.9 1.0
Lat 3.26S 0.08 Lon 127.25E 0.13
Dep 72.4 9.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.11	67	352
N	-0.06	5	92
P	-4.05	23	184

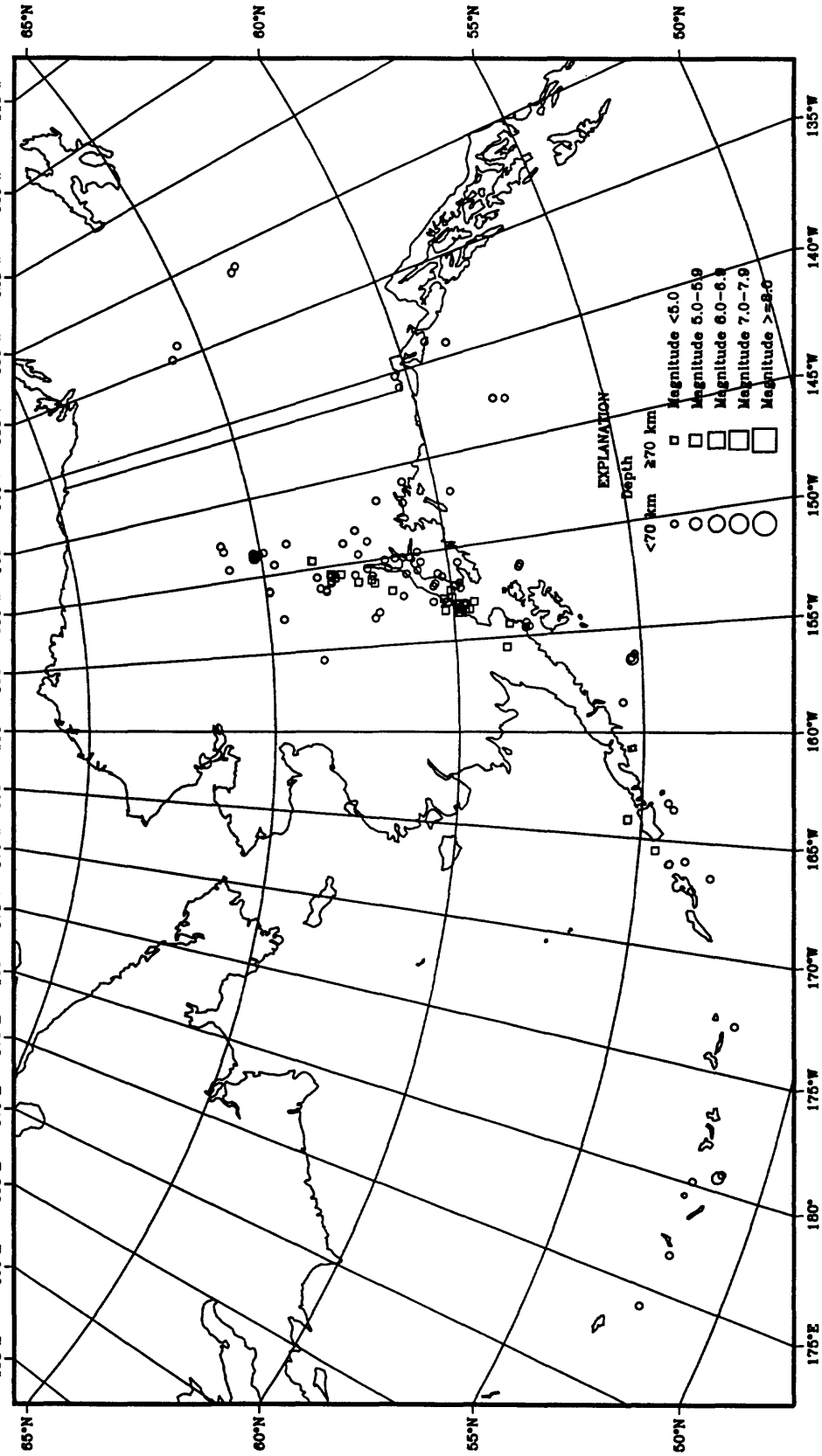
Best Double Couple:Mo=4.1*10**16
NP1:Strike=283 Dip=23 Slip= 102
NP2: 90 68 85

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

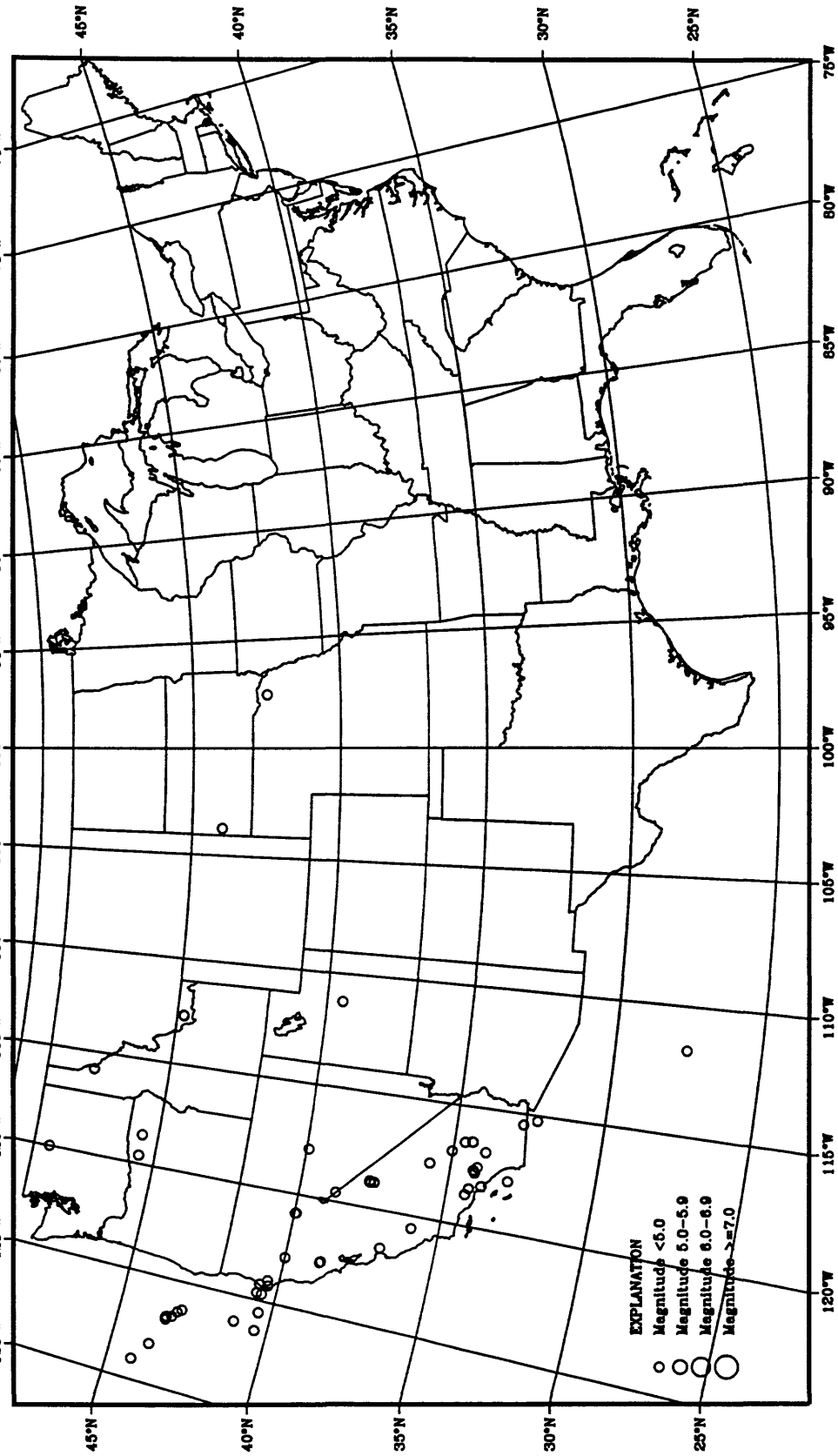
Earthquake Focal Mechanisms for February 1996

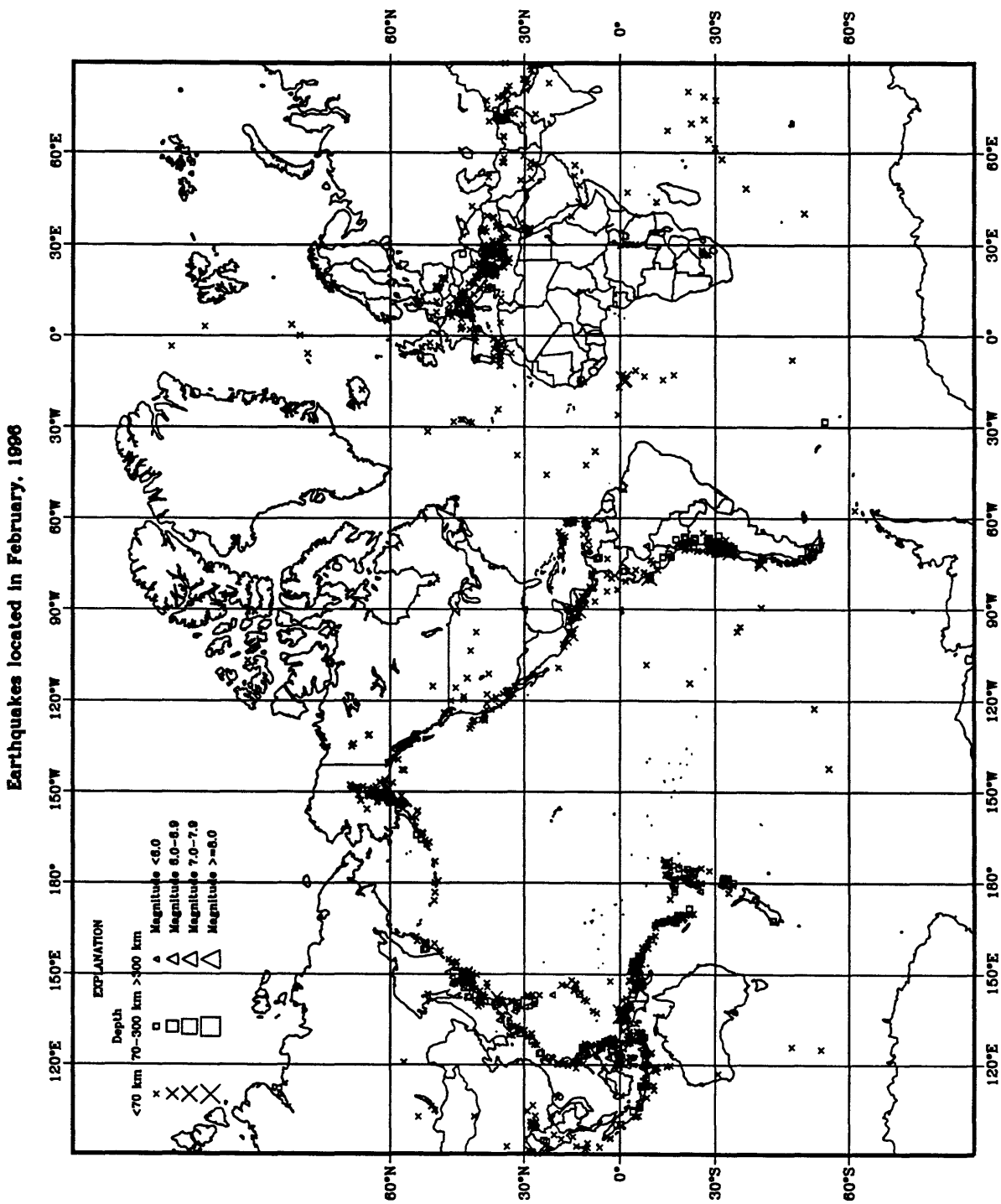


Earthquake epicenters in Alaska and adjacent regions for February, 1996



Earthquake epicenters in the conterminous United States and adjacent regions for February, 1996




Earthquakes located in February, 1996
EXPLANATION
Depth
<70 km
70-300 km
>300 km
Magnitude <6.0
Magnitude 6.0-6.9
Magnitude 7.0-7.9
Magnitude >=8.0
60°N
30°N
0°
30°S
60°S
120°E
150°E
180°
150°W
120°W
90°W
60°W
30°W
0°
30°E
60°E

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MARCH 1996

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDE GS MB	GS Msz		SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	25	14.8*	32.471	S	68.994	W	10	G				0.7	10	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
01	01	39	22.6?	3.77	N	126.37	E	121	?	4.3			1.0	10	TALAUD ISLANDS, INDONESIA
01	02	27	24.1	23.479	S	70.358	W	27	D	5.1	4.5		1.1	77	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Antofagasta and (II-IV) at Mejillones and Tocopilla. Also felt at Chuquicamata and Maria Elena.
01	02	48	27.5?	57.36	S	66.52	W	10	G	4.7			1.0	15	DRAKE PASSAGE
01	03	30	42.2&	44.770	N	112.703	W	8						12	EASTERN IDAHO. <BUT-P>. ML 3.1 (BUT). Felt at Sage Creek, Montana.
01	05	34	28.3*	26.127	S	28.240	E	10	G	4.4			1.0	25	REPUBLIC OF SOUTH AFRICA
01	05	56	57.5	44.579	N	6.861	E	10	G				0.5	14	FRANCE. ML 2.1 (GEN), 1.7 (LDG).
01	05	58	14.1*	34.741	N	25.981	E	33	N	3.7			1.0	13	CRETE
01	06	30	33.6*	21.560	N	143.370	E	310	*	3.7			0.9	15	MARIANA ISLANDS REGION
01	06	48	53.1	34.198	N	26.248	E	33	N	4.9	4.2		1.2	214	CRETE
01	07	16	08.2*	20.149	S	173.630	W	33	N	4.5			0.7	30	TONGA ISLANDS
01	08	11	48.4*	10.353	S	161.214	E	82	?	4.4			1.0	22	SOLOMON ISLANDS
01	08	45	46.6?	10.70	S	79.34	W	33	N	4.2			1.1	10	OFF COAST OF PERU
01	09	56	29.4*	29.502	N	113.666	W	10	G	3.7			0.8	9	GULF OF CALIFORNIA
01	10	12	53.5?	5.95	S	148.41	E	33	N	3.9			1.0	7	NEW BRITAIN REGION, P.N.G.
01	11	40	16.2&	33.099	S	71.207	W	60	G				0.2	9	NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).
01	11	49	14.6*	29.499	N	113.627	W	10	G	4.1			0.9	13	GULF OF CALIFORNIA
01	11	58	50.0?	32.20	S	178.32	W	33	N	3.8			0.7	6	SOUTH OF KERMADEC ISLANDS
01	13	52	24.9&	33.391	S	71.172	W	60	G				0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).
01	14	18	49.4*	27.766	N	62.855	E	33	N	4.2			0.9	14	SOUTHERN IRAN
01	16	40	31.3	15.609	N	147.996	E	33	D	4.2			0.8	23	MARIANA ISLANDS REGION
01	16	50	03.2	38.739	N	119.549	W	5	G				0.8	41	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS), 3.2 (BRK). MD 3.1 (GM). Felt at Markleeville, California.
01	16	58	34.3?	11.13	S	166.78	E	33	N	4.0			0.7	9	SANTA CRUZ ISLANDS
01	17	15	58.2	38.696	N	119.575	W	5	G				0.6	16	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS), 3.1 (BRK). MD 2.6 (GM). Felt at Markleeville, California.
01	18	29	00.6	38.716	N	119.578	W	5	G				0.8	40	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS), 3.4 (BRK). MD 3.2 (GM). Felt at Markleeville, California.
01	18	38	27.8&	34.338	N	116.471	W	5						34	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 2.9 (GS).
01	18	41	10.6&	37.592	N	4.048	W	33	N				0.1	7	SPAIN. mbLg 2.3 (MDD).
01	19	48	27.8*	40.076	N	71.061	E	33	N	3.9			1.0	17	TAJIKISTAN
01	19	49	21.9?	45.07	N	3.00	E	10	G				0.5	4	FRANCE. ML 1.9 (LDG).
01	20	23	17.1	20.096	N	121.462	E	33	N	4.7			0.9	39	PHILIPPINE ISLANDS REGION
01	20	33	01.2?	31.93	S	178.94	W	33	N	4.1			1.3	8	KERMADEC ISLANDS REGION
01	20	38	06.9	35.499	N	22.941	E	33	N	4.0			0.9	54	CENTRAL MEDITERRANEAN SEA
01	23	24	26.7*	14.840	N	147.070	E	33	N	3.9			1.2	16	MARIANA ISLANDS REGION
02	01	03	24.3?	3.01	N	129.20	E	33	N	4.2			1.2	10	NORTH OF HALMAHERA, INDONESIA
02	01	38	42.3&	63.484	N	150.748	W	14		3.3				85	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.7 (PMR).
02	01	50	04.5	5.973	S	146.565	E	59		6.0	6.1		1.0	314	EASTERN NEW GUINEA REG., P.N.G. Mw 6.1 (HRV), 6.0 (GS). Me 6.2 (GS). Ms 6.0 (BRK).

Broadband Source Parameters (GS): Dep 33; NP1: Strike=295, Dip=45, Slip=65; NP2: Strike=148, Dip=50, Slip=113; Radiated energy 4.6*10**13 Nm.

Moment Tensor (GS): Dep 30; Principal axes (scale 10**18 Nm): (T) Val=1.42, Plg=78, Azm=84; (N) Val=-0.19, Plg=10, Azm=289; (P) Val=-1.23, Plg=5, Azm=198; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=277, Dip=41, Slip=74; NP2: Strike=118, Dip=51, Slip=104.

Centroid, Moment Tensor (HRV): Centroid origin time 01:50:08.9; Lat 5.92 S; Lon 146.70 E; Dep 36.0 Bdy; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.72, Plg=87, Azm=143; (N) Val=0.17, Plg=3, Azm=292; (P) Val=-1.89, Plg=2, Azm=22; Best double couple: Mo=1.8*10**18 Nm; NP1: Strike=115, Dip=43, Slip=94; NP2: Strike=289, Dip=47, Slip=86.

													Scalar Moment (PPT): Mo=1.2*10**18 Nm.
02	02	12	02.0?	5.26	S	146.58	E	33	N	3.4	1.6	6	EASTERN NEW GUINEA REG., P.N.G.
02	02	13	19.1?	5.90	S	146.39	E	42	?	3.8	1.0	10	EASTERN NEW GUINEA REG., P.N.G.
02	02	48	29.8*	6.062	S	146.591	E	52	*	3.7	1.2	11	EASTERN NEW GUINEA REG., P.N.G.
02	03	02	03.5	5.990	S	146.700	E	50		4.4	0.6	24	EASTERN NEW GUINEA REG., P.N.G.
02	04	10	34.4&	38.784	N	122.772	W	1				21	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.4 (GS), 3.1 (BRK).
02	04	20	37.0	6.067	S	146.603	E	53		4.4	0.8	23	EASTERN NEW GUINEA REG., P.N.G.
02	04	28	36.0%	41.847	N	7.419	W	10	G		1.2	6	PORTUGAL. mbLg 3.1 (MDD).
02	04	54	24.6	46.290	N	7.302	E	5	G		0.7	20	SWITZERLAND. ML 2.7 (LDG).
02	04	56	09.0	6.062	S	146.570	E	57		5.2 5.0	1.1	74	EASTERN NEW GUINEA REG., P.N.G.
02	06	20	31.6*	43.360	N	148.515	E	79	?	4.5	1.4	30	EAST OF KURIL ISLANDS
02	06	30	54.1	51.731	N	16.112	E	10	G		1.2	21	POLAND. ML 3.3 (GRF), 3.2 (VIE).
02	06	54	01.4*	20.653	S	178.013	W	555	?	4.3	0.8	30	FIJI ISLANDS REGION
02	07	05	53.3%	46.361	N	6.246	E	10	G		0.8	9	SWITZERLAND. ML 2.4 (LDG).
02	07	29	31.1*	5.849	S	146.823	E	49	*	3.6	1.1	11	EASTERN NEW GUINEA REG., P.N.G.
02	09	27	57.2*	35.714	N	77.536	E	99	?	4.0	1.0	20	EASTERN KASHMIR
02	09	49	07.8&	59.309	N	151.525	W	66				58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
02	10	07	20.0*	19.251	N	104.536	W	33	N	3.9	1.6	19	NEAR COAST OF JALISCO, MEXICO
02	10	35	46.0*	46.918	N	150.122	E	209	?	3.7	0.9	17	KURIL ISLANDS
02	10	57	11.5	44.014	N	7.082	E	10	G		0.4	15	NORTHERN ITALY. ML 2.7 (GEN), 2.1 (LDG).
02	11	10	47.0*	20.442	S	178.523	W	650	G	3.8	0.9	15	FIJI ISLANDS REGION
02	11	57	41.6*	0.975	S	136.405	E	33	N	4.2	0.9	15	IRIAN JAYA REGION, INDONESIA
02	12	53	09.3?	45.47	N	14.75	E	10	G		1.8	8	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.3 (LJU).
02	13	15	25.7	7.314	S	127.994	E	100	G	4.8	1.2	31	BANDA SEA
02	14	48	16.3	1.060	S	136.899	E	33	N	5.0	1.1	47	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:48:19.3; Lat 0.98 S; Lon 137.22 E; Dep 43.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.03, Plg=58, Azm=175; (N) Val=0.96, Plg=10, Azm=280; (P) Val=-5.00, Plg=30, Azm=16; Best double couple: Mo=4.5*10**16 Nm; NP1: Strike=133, Dip=17, Slip=124; NP2: Strike=278, Dip=76, Slip=80.
02	15	02	04.4	38.762	N	119.525	W	5	G		0.8	53	CALIFORNIA-NEVADA BORDER REGION. MD 3.4 (GM). ML 3.4 (BRK). Felt at Markleeville, California.
02	15	18	28.7?	1.01	S	120.38	E	33	N	4.4	1.8	8	SULAWESI, INDONESIA
02	15	42	00.9	45.553	N	26.362	E	145		3.6	0.9	23	ROMANIA
02	17	08	38.4?	1.00	S	137.89	E	33	N	3.9	1.4	10	IRIAN JAYA REGION, INDONESIA
02	17	26	50.7	33.365	S	71.003	W	76		4.2	1.2	21	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (V) at Curacavi; (IV) at Santiago; (III) at Quillota and Zapallar; (II) at La Ligua, Los Andes, Quilpue, Quintero, Valparaiso and Vina del Mar.
02	17	35	27.0	34.065	N	23.419	E	33	N	4.2	1.0	75	CRETE
02	17	50	51.5	35.341	N	26.828	E	98	*	4.2	1.1	60	CRETE
02	18	13	59.1?	49.87	N	178.37	E	33	N	3.9	0.8	11	SOUTH OF ALEUTIAN ISLANDS
02	18	45	30.5*	8.288	S	119.824	E	296	?	4.3	0.7	12	FLORES REGION, INDONESIA
02	19	35	54.7*	32.339	S	70.027	W	110	G		0.6	12	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
02	20	20	14.6?	15.63	S	173.32	W	33	N	4.0	0.7	9	TONGA ISLANDS
02	20	20	28.0*	51.648	N	16.347	E	10	G		1.1	9	POLAND. ML 2.6 (MOX).
02	20	50	50.1	46.188	N	7.408	E	5	G		0.8	32	SWITZERLAND. ML 2.6 (LDG), 2.5 (GEN).
02	22	19	58.7	21.632	N	143.058	E	319		4.2	0.8	36	MARIANA ISLANDS REGION
02	22	47	46.6%	44.403	N	7.297	E	10	G		0.4	10	NORTHERN ITALY. ML 2.4 (GEN).
02	22	52	05.9%	44.385	N	7.300	E	10	G			5	NORTHERN ITALY. ML 1.7 (GEN).
02	23	49	53.7	5.978	S	146.722	E	47		4.4	0.7	23	EASTERN NEW GUINEA REG., P.N.G.
03	00	27	46.5?	6.09	S	102.51	E	33	N	4.0	1.6	8	SOUTHWEST OF SUMATERA, INDONESIA
03	00	30	51.5%	44.387	N	7.298	E	10	G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
03	01	13	45.8	5.995	S	146.611	E	53		4.4	0.9	28	EASTERN NEW GUINEA REG., P.N.G.
03	01	32	38.1%	44.471	N	7.303	E	10	G		0.2	9	NORTHERN ITALY. ML 2.2 (GEN).
03	02	41	27.5	0.729	S	136.563	E	33	N	5.5 5.7	1.2	98	IRIAN JAYA REGION, INDONESIA. Mw 5.7 (HRV). Ms 5.7 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 02:41:30.4; Lat 0.70 S; Lon 136.42 E; Dep 15.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=3.90, Plg=18, Azm=327; (N) Val=0.67, Plg=40, Azm=221; (P) Val=-4.57, Plg=44, Azm=75; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=100, Dip=45, Slip=-23; NP2: Strike=207, Dip=74, Slip=-132.
03	03	26	52.2*	11.795	N	145.142	E	10	G	4.0	1.1	12	SOUTH OF MARIANA ISLANDS
03	04	03	31.3?	34.56	S	70.60	W	110	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
03	04	42	26.4	51.703	N	16.165	E	10	G		1.1	30	POLAND. ML 3.9 (GRF), 3.7 (VIE), 3.5 (FUR), 3.5 (MOX).
03	05	02	01.0*	32.732	N	83.011	E	33	N	3.9	1.3	10	XIZANG
03	05	11	44.2?	34.53	S	70.55	W	110	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
03	06	15	09.5%	33.639	S	71.573	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
03	07	38	35.9*	51.205	N	156.891	E	33	N	3.7	1.2	11	KAMCHATKA
03	08	45	36.3?	27.51	N	52.70	E	33	N	3.8	1.4	10	SOUTHERN IRAN
03	09	20	29.8	0.680	S	136.419	E	33	N	4.7	1.2	33	IRIAN JAYA REGION, INDONESIA
03	09	50	05.5?	7.05	N	73.28	W	200	G	3.7	1.3	10	NORTHERN COLOMBIA
03	10	15	21.4&	59.781	N	152.692	W	84		3.3		98	SOUTHERN ALASKA. <AEIC>.
03	10	25	08.2?	14.59	S	173.96	W	33	N	3.8	0.9	12	SAMOA ISLANDS REGION
03	11	26	37.9%	46.593	N	2.400	E	10	G		0.4	9	FRANCE. ML 1.9 (LDG).
03	12	29	11.7*	3.375	S	122.595	E	33	N	3.5	1.1	5	SULAWESI, INDONESIA
03	13	43	02.8*	2.691	S	129.227	E	33	N	4.1	1.4	8	SERAM, INDONESIA
03	14	24	04.3	10.411	N	122.397	E	33	N	4.3	0.9	33	PANAY, PHILIPPINE ISLANDS
03	14	55	11.8	11.657	N	86.856	W	33	N	5.7 6.5	1.3	307	NEAR COAST OF NICARAGUA. Mw 6.6 (GS), 6.6 (HRV). Me 5.9 (GS). Ms 6.4 (BRK). Broadband Source Parameters (GS): Dep 24; NP1: Strike=120, Dip=60, Slip=90; NP2: Strike=300, Dip=30, Slip=90; Radiated energy 1.7*10**13 Nm. Moment Tensor (GS): Dep 23; Principal axes (scale 10**18 Nm): (T) Val=8.59, Plg=66, Azm=43; (N) Val=0.10, Plg=11, Azm=286; (P) Val=-8.69, Plg=21, Azm=192; Best double couple: Mo=8.6*10**18 Nm; NP1: Strike=262, Dip=26, Slip=64; NP2: Strike=111, Dip=67, Slip=102. Centroid, Moment Tensor (HRV): Centroid origin time

14:55:21.3; Lat 11.55 N; Lon 87.13 W; Dep 35.5; Half-duration 4.9 sec; Principal axes (scale 10**18 Nm): (T) Val=8.81, Plg=70, Azm=13; (N) Val=0.35, Plg=7, Azm=121; (P) Val=-9.16, Plg=19, Azm=214; Best double couple: Mo=9.0*10**18 Nm; NP1: Strike=315, Dip=27, Slip=105; NP2: Strike=118, Dip=64, Slip=83.
Scalar Moment (PPT): Mo=1.1*10**19 Nm.

03	14	58	58.3	11.740	N	86.896	W	33	N	5.5	1.3	102	NEAR COAST OF NICARAGUA
03	15	28	11.1	11.410	N	86.953	W	33	N	4.6	1.2	52	NEAR COAST OF NICARAGUA
03	15	44	36.3?	38.13	N	22.47	E	10	G	3.6	0.7	10	GREECE
03	15	52	05.1?	11.49	N	87.40	W	33	N	4.1	1.4	15	NEAR COAST OF NICARAGUA
03	15	58	03.2&	43.970	N	7.119	E	10	G		0.2	6	NEAR SOUTH COAST OF FRANCE. ML 1.9 (GEN).
03	16	37	31.5	11.905	N	86.772	W	33	N	5.7 6.7	1.2	293	NEAR COAST OF NICARAGUA. Mw 6.7 (GS), 6.7 (HRV). Me 6.0 (GS). Ms 6.7 (BRK). Some damage at Chinandega and Granada. Felt strongly at Managua.

Broadband Source Parameters (GS): Dep 28; NP1: Strike=120, Dip=60, Slip=90; NP2: Strike=300, Dip=30, Slip=90; Radiated energy 2.5*10**13 Nm.
Moment Tensor (GS): Dep 36; Principal axes (scale 10**19 Nm): (T) Val=1.34, Plg=71, Azm=20; (N) Val=0.04, Plg=9, Azm=138; (P) Val=-1.38, Plg=16, Azm=231; Best double couple: Mo=1.4*10**19 Nm; NP1: Strike=334, Dip=30, Slip=108; NP2: Strike=133, Dip=62, Slip=80.
Centroid, Moment Tensor (HRV): Centroid origin time 16:37:42.4; Lat 11.76 N; Lon 87.31 W; Dep 38.9; Half-duration 5.5 sec; Principal axes (scale 10**19 Nm): (T) Val=1.26, Plg=72, Azm=23; (N) Val=0.02, Plg=3, Azm=121; (P) Val=-1.28, Plg=18, Azm=212; Best double couple: Mo=1.3*10**19 Nm; NP1: Strike=306, Dip=27, Slip=95; NP2: Strike=120, Dip=63, Slip=87.
Scalar Moment (PPT): Mo=1.5*10**19 Nm.

03	16	56	51.3?	12.04	N	86.99	W	33	N	4.1	1.5	15	NICARAGUA
03	17	46	52.0	6.963	S	129.480	E	159	*	4.4	1.2	32	BANDA SEA
03	17	58	50.5?	11.73	N	87.12	W	33	N	4.2	1.5	19	NEAR COAST OF NICARAGUA
03	18	30	29.3?	6.98	N	76.46	W	64	*	4.3	1.5	35	NORTHERN COLOMBIA
03	18	42	00.9	32.012	S	69.877	W	126		3.7	1.1	26	MENDOZA PROVINCE, ARGENTINA. MD 4.4 (SAN).
03	18	55	18.9*	11.216	N	86.869	W	33	N	4.0	1.3	17	NEAR COAST OF NICARAGUA
03	19	12	20.4*	11.896	N	86.183	W	33	N	3.9	0.8	14	NEAR COAST OF NICARAGUA
03	19	27	05.2*	28.101	N	66.382	E	33	N	4.4	1.1	39	PAKISTAN
03	19	51	38.0*	7.366	N	72.981	W	162	*	4.0	1.1	17	NORTHERN COLOMBIA
03	20	16	45.7*	6.175	S	129.907	E	160	*	4.4	0.9	15	BANDA SEA
03	21	00	40.7*	5.447	N	125.342	E	81	*	4.1	1.1	18	MINDANAO, PHILIPPINE ISLANDS
03	21	25	53.5*	20.650	S	178.879	W	600	G	4.0	0.9	15	FIJI ISLANDS REGION
03	22	24	06.5*	17.674	N	146.820	E	83	*	4.2	0.9	21	MARIANA ISLANDS
03	22	26	33.2&	61.058	N	151.483	W	65				78	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
03	22	27	48.6	51.623	N	16.214	E	10	G	3.5	0.9	27	POLAND. ML 3.7 (GRF), 3.5 (VIE), 3.2 (MOX), 3.0 (FUR).
03	22	45	47.7?	37.31	N	137.19	E	261	*	3.9	0.7	12	NEAR WEST COAST OF HONSHU, JAPAN
03	22	48	00.3*	12.550	N	88.182	W	33	N	4.3	1.4	28	OFF COAST OF CENTRAL AMERICA
03	23	44	36.3	56.553	N	152.354	W	33	N	5.2 5.0	1.0	291	KODIAK ISLAND REGION. Mw 5.4 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 23:44:36.0; Lat 57.03 N; Lon 152.83 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.53, Plg=42, Azm=306; (N) Val=0.01, Plg=1, Azm=214; (P) Val=-1.54, Plg=48, Azm=123; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=58, Dip=4, Slip=-66; NP2: Strike=214, Dip=87, Slip=-91.

03	23	48	43.4?	25.27	S	179.95	W	600	G	3.9	1.1	7	SOUTH OF FIJI ISLANDS
04	00	32	35.9?	11.51	N	86.50	W	33	N	3.2	1.1	8	NEAR COAST OF NICARAGUA
04	01	35	30.3	27.663	N	56.253	E	33	N	4.5 3.9	0.9	61	SOUTHERN IRAN
04	01	39	33.1	11.599	N	87.091	W	80	*	4.4	1.1	48	NEAR COAST OF NICARAGUA
04	02	30	52.7*	24.385	N	96.337	E	33	N	3.9	1.3	14	MYANMAR
04	03	18	30.9	6.214	S	155.029	E	33	N	4.3	0.8	21	SOLOMON ISLANDS
04	03	29	27.4*	10.740	N	41.253	W	10	G	4.0	1.1	12	NORTHERN MID-ATLANTIC RIDGE
04	03	52	09.8	6.762	N	73.126	W	173		4.1	0.9	21	NORTHERN COLOMBIA
04	04	35	13.8&	44.845	N	111.568	W	1				11	HEBGEN LAKE REGION. <BUT>. ML 2.2 (BUT). Felt at Wade Lake Resort.
04	05	25	23.6?	37.01	N	73.40	E	33	N	4.1	0.4	7	TAJIKISTAN
04	05	56	38.6	11.637	N	86.978	W	84	*	4.8	0.9	97	NEAR COAST OF NICARAGUA
04	06	44	34.9*	11.746	N	86.766	W	82	?	4.2	1.0	23	NEAR COAST OF NICARAGUA
04	07	18	44.1*	32.534	S	70.008	W	110	G		0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
04	07	58	07.4?	53.71	N	165.12	W	33	N	3.2	0.4	4	FOX ISLANDS, ALEUTIAN ISLANDS
04	08	39	17.4	36.384	N	141.712	E	33	N	5.0 4.2	1.0	122	NEAR EAST COAST OF HONSHU, JAPAN
04	08	51	20.3*	24.585	N	122.919	E	33	N	4.2	1.3	11	TAIWAN REGION
04	10	23	39.6*	24.791	N	141.399	E	33	N	4.3	0.7	7	VOLCANO ISLANDS REGION
04	10	37	35.1	38.704	N	119.592	W	5	G		0.6	24	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).
04	11	18	44.3?	11.18	N	87.58	W	21	D	4.2	1.5	13	NEAR COAST OF NICARAGUA
04	11	41	56.6*	0.629	S	135.611	E	33	N	4.5	1.3	13	IRIAN JAYA REGION, INDONESIA
04	12	02	14.1*	41.883	N	15.656	E	10	G		1.3	15	SOUTHERN ITALY. ML 3.3 (ROM).
04	12	34	24.0	28.190	N	130.369	E	33	N	3.9	1.1	22	RYUKYU ISLANDS
04	12	39	41.7	13.926	N	93.137	W	33	N	4.8 4.4	1.0	90	OFF COAST OF CHIAPAS, MEXICO
04	12	45	23.9	72.172	N	1.141	E	10	G	4.2 3.6	1.3	30	NORWEGIAN SEA
04	13	19	31.1	42.767	N	2.532	E	5	G		0.4	12	PYRENEES. ML 3.4 (LDG), 3.3 (STR). mbLg 3.2 (MDD).
04	14	02	22.9*	44.125	N	87.197	E	33	N	3.9	1.4	13	NORTHERN XINJIANG, CHINA
04	14	05	28.0?	0.96	S	135.51	E	33	N	4.0	0.9	6	IRIAN JAYA REGION, INDONESIA
04	14	22	12.2&	59.923	N	153.457	W	138		3.3		61	SOUTHERN ALASKA. <AEIC>.
04	14	58	14.3*	24.780	N	122.958	E	33	N	4.5	0.7	11	TAIWAN REGION
04	15	10	41.4	33.995	N	137.182	E	344		4.0	0.8	34	NEAR S. COAST OF HONSHU, JAPAN
04	15	25	51.9*	17.755	S	178.682	W	600	G	3.9	0.8	15	FIJI ISLANDS REGION
04	15	59	05.5	2.798	N	125.167	E	151	D	5.8	1.1	132	TALAUD ISLANDS, INDONESIA. Mw 5.9 (GS), 5.9 (HRV). Me 5.0 (GS). Felt on Ternate.

Broadband Source Parameters (GS): NP1: Strike=146, Dip=31, Slip=-139; NP2: Strike=19, Dip=70, Slip=-66; Radiated energy 8.1*10**11 Nm.

Moment Tensor (GS): Dep 148; Principal axes (scale 10**17 Nm): (T) Val=9.48, Plg=21, Azm=103; (N) Val=-1.48, Plg=24, Azm=203; (P) Val=-8.00, Plg=58, Azm=337; Best double couple: Mo=8.7*10**17 Nm; NP1: Strike=158, Dip=32, Slip=-139; NP2: Strike=32, Dip=70, Slip=-64.
Centroid, Moment Tensor (HRV): Centroid origin time 15:59:10.6; Lat 2.84 N; Lon 125.34 E; Dep 152.7; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=8.83, Plg=20, Azm=108; (N) Val=-1.47, Plg=28, Azm=210; (P) Val=-7.35, Plg=54, Azm=347; Best double couple: Mo=8.1*10**17 Nm; NP1: Strike=160, Dip=35, Slip=-145; NP2: Strike=40, Dip=71, Slip=-60.

04	17	13	18.1	17.383	S	172.654	W	33	N	4.8 5.2	1.3	62	TONGA ISLANDS REGION. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 17:13:24.3; Lat 17.10 S; Lon 172.19 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.55, Plg=76, Azm=278; (N) Val=0.58, Plg=4, Azm=24; (P) Val=-2.13, Plg=13, Azm=115; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=210, Dip=32, Slip=97; NP2: Strike=21, Dip=58, Slip=86.
Scalar Moment (PPT): Mo=3.4*10**17 Nm.

04	17	51	12.5*	34.367	N	24.077	E	33	N	3.8	1.3	22	CRETE
04	18	18	04.8*	35.574	N	56.906	E	33	N	3.9 4.2	0.8	18	NORTHERN IRAN
04	18	29	47.5*	3.511	S	150.579	E	33	N	4.1	1.0	10	NEW IRELAND REGION, P.N.G.
04	19	08	19.7?	1.75	S	138.72	E	33	N	4.2	1.3	9	NEAR NORTH COAST OF IRIAN JAYA
04	19	44	10.4*	6.099	S	147.394	E	97	*	4.1	0.9	13	EASTERN NEW GUINEA REG., P.N.G.
04	21	05	04.8&	65.753	N	155.960	W	15	G			48	NORTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR). Felt at Huslia.
04	22	04	02.6*	44.758	N	150.099	E	33	N	3.8	0.9	19	EAST OF KURIL ISLANDS
04	22	14	40.8&	60.792	N	149.948	W	39				72	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
04	22	22	57.0*	11.620	N	86.983	W	91	*	4.3	0.9	27	NEAR COAST OF NICARAGUA
04	22	47	21.5?	15.95	S	173.87	W	33	N	4.3	1.4	9	TONGA ISLANDS
05	00	47	10.6*	51.280	N	161.231	E	33	N	3.8	0.9	12	OFF EAST COAST OF KAMCHATKA
05	00	53	45.7	5.489	N	143.498	E	33	N	4.8	1.0	49	E. CAROLINE ISLANDS, MICRONESIA
05	01	10	41.7*	24.963	N	125.846	E	33	N	3.9	0.4	9	SOUTHWESTERN RYUKYU ISLANDS
05	02	21	51.2*	23.448	N	143.568	E	33	N	4.1	0.5	12	VOLCANO ISLANDS REGION
05	03	15	32.8*	3.973	S	153.201	E	33	N	4.5	0.7	26	NEW IRELAND REGION, P.N.G.
05	06	30	26.8	15.414	S	71.756	W	156		4.7	0.8	57	SOUTHERN PERU
05	07	21	41.0	52.191	N	170.385	E	33	N	4.7	0.8	84	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR).
05	07	28	49.5*	7.169	S	126.491	E	400	G	4.8	1.0	19	BANDA SEA
05	07	43	02.0?	27.79	N	140.28	E	500	G	3.8	1.0	11	BONIN ISLANDS REGION
05	08	41	35.9?	17.56	N	111.26	W	10	G	4.1	0.8	10	REVILLA GIGEDO ISLANDS REGION
05	08	56	15.9*	51.214	N	15.700	E	10	G		0.6	5	POLAND. ML 2.6 (MOX).
05	09	27	33.6*	26.480	N	92.960	E	33	N	4.1	1.0	10	NORTHEASTERN INDIA
05	09	35	33.6	44.481	N	7.352	E	5	G		0.8	34	NORTHERN ITALY. ML 3.0 (LDG), 2.8 (GEN).
05	10	21	07.3	31.889	N	116.440	W	5	G	3.8	1.0	48	BAJA CALIFORNIA, MEXICO. ML 3.9 (GS).
05	11	02	38.5*	52.940	N	168.266	W	33	N	3.7	0.9	14	FOX ISLANDS, ALEUTIAN ISLANDS
05	11	07	53.9&	19.454	N	155.265	W	22		3.9		15	HAWAII. <HVO-P>. MD 4.1 (HVO). Felt in the Kau and Puna Districts. Also felt at Hilo and Kailua-Kona.
05	11	31	36.9?	19.65	S	170.07	E	33	N	4.5	1.1	19	VANUATU ISLANDS
05	11	52	55.2*	14.948	S	166.259	E	73	?	4.5	1.0	29	VANUATU ISLANDS
05	12	19	37.6?	0.73	S	134.75	E	33	N	4.2	1.4	7	IRIAN JAYA REGION, INDONESIA
05	14	32	22.4*	31.526	S	71.641	W	57	*	4.1	1.1	22	NEAR COAST OF CENTRAL CHILE. MD 4.8 (SAN).
05	14	47	52.0	35.685	N	78.497	E	33	N	5.3	1.0	183	EASTERN KASHMIR
05	14	52	28.6	24.092	N	122.215	E	30		6.1 6.4	1.0	360	TAIWAN REGION. Mw 6.3 (GS), 6.3 (HRV). Me 6.0 (GS). Ms 5.9 (BRK). Felt strongly at Taipei. Felt in many parts of Taiwan.

Broadband Source Parameters (GS): Dep 15; NP1: Strike=294, Dip=22, Slip=152; NP2: Strike=50, Dip=80, Slip=70; Radiated energy 1.9*10**13 Nm.
Moment Tensor (GS): Dep 21; Principal axes (scale 10**18 Nm): (T) Val=3.52, Plg=58, Azm=310; (N) Val=0.00, Plg=3, Azm=44; (P) Val=-3.52, Plg=32, Azm=136; Best double couple: Mo=3.5*10**18 Nm; NP1: Strike=237, Dip=13, Slip=103; NP2: Strike=44, Dip=77, Slip=87.
Centroid, Moment Tensor (HRV): Centroid origin time 14:52:31.6; Lat 23.94 N; Lon 122.08 E; Dep 24.0 Bdy; Half-duration 3.9 sec; Principal axes (scale 10**18 Nm): (T) Val=3.37, Plg=57, Azm=321; (N) Val=0.44, Plg=14, Azm=74; (P) Val=-3.81, Plg=29, Azm=172; Best double couple: Mo=3.6*10**18 Nm; NP1: Strike=296, Dip=21, Slip=134; NP2: Strike=70, Dip=75, Slip=75.

05	16	16	24.3&	37.767	N	122.574	W	7				4	CENTRAL CALIFORNIA. <GM-P>. MD 2.4 (GM). Felt at San Francisco.
05	17	07	31.7?	35.99	N	78.15	E	33	N	3.8	1.4	8	EASTERN KASHMIR
05	17	10	08.8	10.216	S	80.092	W	33	N	4.7	0.8	45	OFF COAST OF PERU
05	17	32	10.1	24.033	N	122.241	E	33	N	5.6 5.6	0.9	284	TAIWAN REGION. Mw 5.9 (HRV). Ms 5.1 (BRK).

Centroid, Moment Tensor (HRV): Centroid origin time 17:32:11.6; Lat 23.78 N; Lon 122.08 E; Dep 20.1; Half-duration 2.3 sec; Principal axes (scale 10**17 Nm): (T) Val=6.91, Plg=55, Azm=323; (N) Val=0.84, Plg=12, Azm=71; (P) Val=-7.75, Plg=33, Azm=168; Best double couple: Mo=7.3*10**17 Nm; NP1: Strike=296, Dip=16, Slip=137; NP2: Strike=68, Dip=79, Slip=78.

05	19	43	39.9*	24.386	N	122.192	E	33	N	3.9	0.9	11	TAIWAN REGION
05	19	48	31.2	11.637	N	86.937	W	85	*	4.9	1.0	81	NEAR COAST OF NICARAGUA. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 19:48:34.6; Lat 11.64 N Fix; Lon 86.94 W Fix; Dep 36.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.10, Plg=57, Azm=92; (N) Val=-1.86, Plg=16, Azm=336; (P) Val=-7.24, Plg=28, Azm=237; Best double couple: Mo=8.2*10**16 Nm; NP1: Strike=293, Dip=22, Slip=45; NP2: Strike=160, Dip=74, Slip=106.

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05  20 32 22.8& 61.325 N  150.937 W   51                        54  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
05  21 08 31.6* 17.629 S   12.710 W   10 G  4.8 4.1  0.8   21  SOUTHERN MID-ATLANTIC RIDGE
05  21 15 54.2? 32.33  S   71.14  W   80 G        0.4    9  NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
05  21 18 14.3* 23.075 N  121.819 E   33 N  4.3   1.1   24  TAIWAN
05  21 53 29.1* 15.397 S   73.447 W   97 ?  4.1   0.7   15  SOUTHERN PERU
05  22 07 34.1  47.510 N   11.322 E   10 G        1.5   11  AUSTRIA. ML 2.3 (VIE).
05  22 46 47.8* 22.169 S   64.743 E   10 G  4.7   1.0   20  MAURITIUS-REUNION REGION
05  23 01 37.3& 64.708 N  151.088 W   15                        32  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
05  23 46 40.3*  7.145 S  129.087 E  150 G  4.6   1.5   13  BANDA SEA
05  23 54 50.8& 63.215 N  149.404 W   86                        63  CENTRAL ALASKA. <AEIC>.
06  01 35 03.0  18.656 S  174.864 W  134 D  5.4   0.9  136  TONGA ISLANDS. Mw 5.8 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                01:35:06.8; Lat 18.70 S; Lon 174.38 W; Dep 145.8; Half-
                                                                duration 2.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=5.76, Plg=21, Azm=332; (N) Val=0.53, Plg=1, Azm=62; (P)
                                                                Val=-6.28, Plg=69, Azm=155; Best double couple:
                                                                Mo=6.0*10**17 Nm; NP1: Strike=60, Dip=24, Slip=-92; NP2:
                                                                Strike=243, Dip=66, Slip=-89.
06  01 44 16.4* 11.559 N   86.793 W   90 ?  4.2   1.2   23  NEAR COAST OF NICARAGUA
06  05 18 21.6  42.835 N    1.764 W   10 G        0.9   14  PYRENEES. mbLg 3.0 (MDD). ML 2.7 (LDG).
06  05 24 49.9* 24.649 N   95.030 E  100 D  3.8   0.5   10  MYANMAR
06  05 34 55.6*  6.016 S  146.708 E   48 *  4.0   1.1   11  EASTERN NEW GUINEA REG., P.N.G.
06  06 48 04.0   9.201 N  125.720 E   33 N  4.2   1.3   17  MINDANAO, PHILIPPINE ISLANDS
06  07 03 25.0* 20.576 S   67.258 W  215 *  4.0   1.2   25  SOUTHERN BOLIVIA
06  07 08 48.4? 23.33  S  179.63  E  500 G  4.1   1.3   15  SOUTH OF FIJI ISLANDS
06  07 42 20.0  10.545 N   64.322 W   33 N  5.0 4.4  1.0  131  NEAR COAST OF VENEZUELA. MD 4.9 (TRN). Felt in the
                                                                epicentral area.
06  08 33 53.2* 69.387 S  110.332 W   10 G  5.3   0.9   21  SOUTHERN PACIFIC OCEAN. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                08:33:56.7; Lat 69.39 S Fix; Lon 110.33 W Fix; Dep 15.0
                                                                Fix; Half-duration 1.0 sec; Principal axes (scale 10**16
                                                                Nm): (T) Val=5.95, Plg=70, Azm=240; (N) Val=1.35, Plg=2,
                                                                Azm=337; (P) Val=-7.30, Plg=20, Azm=68; Best double couple:
                                                                Mo=6.6*10**16 Nm; NP1: Strike=162, Dip=25, Slip=96; NP2:
                                                                Strike=336, Dip=65, Slip=87.
06  09 29 01.8* 40.085 N   53.392 E   33 N  4.3   1.1   34  TURKMENISTAN
06  09 43 28.4* 11.759 N   87.130 W   62 ?  4.2   1.0   15  NEAR COAST OF NICARAGUA
06  10 50 20.9* 46.200 N   23.567 E   33 N        1.3    7  ROMANIA
06  12 11 52.4*  5.766 S  151.563 E   33 N  4.4   1.1   18  NEW BRITAIN REGION, P.N.G.
06  12 38 48.7* 51.554 N   16.238 E   10 G        0.4    6  POLAND. ML 2.6 (MOX).
06  14 06 37.8? 23.44  S  179.95  E  600 G  4.3   0.8   15  SOUTH OF FIJI ISLANDS
06  14 12 26.0  35.341 N  139.009 E   29 D  4.4   1.2   43  NEAR S. COAST OF HONSHU, JAPAN. Felt (IV JMA) in eastern
                                                                Yamanashi Prefecture.
06  14 16 28.9  46.134 N    6.953 E    5 G        1.2   42  SWITZERLAND. ML 3.1 (LDG), 3.1 (STR), 2.7 (GEN).
06  14 35 28.3  35.433 N  138.987 E   33 N  5.2 5.5  1.1  189  EASTERN HONSHU, JAPAN. Mw 5.6 (HRV). Felt (V JMA) in eastern
                                                                Yamanashi Prefecture. Felt in the Tokyo area.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                14:35:31.6; Lat 35.43 N; Lon 139.14 E; Dep 18.0 Bdy; Half-
                                                                duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.96, Plg=57, Azm=325; (N) Val=-0.29, Plg=15, Azm=211;
                                                                (P) Val=-2.67, Plg=29, Azm=113; Best double couple:
                                                                Mo=2.8*10**17 Nm; NP1: Strike=168, Dip=21, Slip=45; NP2:
                                                                Strike=35, Dip=75, Slip=105.
06  14 55 18.7  15.547 N  147.982 E   34 D  4.5   0.8   37  MARIANA ISLANDS REGION
06  17 31 12.8? 32.24  S   69.56  W  110 *  3.4   1.3    9  MENDOZA PROVINCE, ARGENTINA
06  17 55 33.8*  5.667 S  131.370 E   33 N  3.8   1.0    6  BANDA SEA
06  18 40 23.5   5.475 N  125.883 E  125    4.5   0.9   31  MINDANAO, PHILIPPINE ISLANDS
06  19 39 40.5* 19.671 S  178.038 W  600 G  4.3   1.1   34  FIJI ISLANDS REGION
06  20 03 13.2  50.711 N    6.294 E   10 G        0.6   18  GERMANY. ML 3.1 (LDG), 3.1 (STR), 2.8 (DBN), 2.8 (UCC).
06  20 31 13.7  38.666 N  117.038 W    5 G        0.7   20  NEVADA. ML 3.3 (GS).
06  21 55 18.4* 11.902 N   86.890 W   33 N  4.6 3.9  1.3   34  NEAR COAST OF NICARAGUA
06  22 33 35.1? 28.34  N  129.73  E   33 N  3.7   0.8    6  RYUKYU ISLANDS
06  22 56 40.2  44.093 N    6.916 E   10 G        0.8   13  FRANCE. ML 2.1 (GEN), 2.0 (LDG).
06  23 22 46.8& 59.608 N  153.466 W  116    2.9             96  SOUTHERN ALASKA. <AEIC>.
06  23 34 10.7* 18.364 S  175.855 W  300 G  4.1   0.9   28  TONGA ISLANDS
07  01 07 03.3? 12.37  N   86.54  W   33 N  3.8   1.1    6  NICARAGUA
07  01 18 12.4? 12.18  N   86.88  W   33 N  3.8   1.4    7  NICARAGUA
07  01 39 10.7* 24.073 S   66.674 W  200 G  3.9   1.1   11  SALTA PROVINCE, ARGENTINA
07  01 59 11.5  29.047 N  138.503 E  500 G  4.5   1.0   89  SOUTH OF HONSHU, JAPAN
07  03 28 14.1? 28.31  N   55.22  E   33 N  3.8   0.9   12  SOUTHERN IRAN
07  03 32 46.2* 11.521 N   85.345 W   33 N  4.0   0.5   11  NICARAGUA
07  04 03 42.6% 33.863 S   70.791 W   70 G        0.3   10  CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
07  04 27 52.9  11.015 N   85.903 W   64 *  4.7   1.2   80  NICARAGUA
07  04 40 30.5& 37.638 N  118.831 W   10                        36  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.9
                                                                (GS).
07  04 51 05.4? 11.35  N   85.74  W   33 N  3.8   1.2    9  NICARAGUA
07  05 04 28.4* 11.544 N   85.303 W   33 N  3.7   1.2   11  NICARAGUA
07  05 29 09.5* 11.402 N   86.960 W   33 N  4.3 3.7  1.3   26  NEAR COAST OF NICARAGUA
07  05 57 26.7  24.459 S  179.141 E  536 D  4.7   0.9   81  SOUTH OF FIJI ISLANDS
07  05 57 47.3? 11.55  N   86.37  W   33 N  4.0   1.1   11  NEAR COAST OF NICARAGUA
07  06 19 50.2? 12.52  N   86.29  W   33 N  3.4   1.4    6  NICARAGUA
07  06 30 32.6*  3.979 N   97.244 E  138 ?  4.3   0.8   27  NORTHERN SUMATERA, INDONESIA
07  07 13 13.5* 36.096 N   70.437 E  151 ?  3.8   0.4   12  HINDU KUSH REGION, AFGHANISTAN
07  07 28 33.1& 58.360 N  154.951 W  103                        51  ALASKA PENINSULA. <AEIC>.
07  07 40 03.9* 18.461 N  145.880 E  168 *  4.4   0.6   16  MARIANA ISLANDS
07  08 38 57.5  23.267 S   70.285 W   31 D  5.3 4.9  1.1  121  NEAR COAST OF NORTHERN CHILE. Mw 5.5 (HRV). Felt (III) at
                                                                Antofagasta, Baquedano, Calama, Mejillones and Tocopilla.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                08:39:03.8; Lat 23.45 S; Lon 70.75 W; Dep 27.7; Half-
                                                                duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.34, Plg=59, Azm=81; (N) Val=-0.08, Plg=2, Azm=175;
                                                                (P) Val=-2.26, Plg=31, Azm=266; Best double couple:
                                                                Mo=2.3*10**17 Nm; NP1: Strike=3, Dip=14, Slip=98; NP2:
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														Strike=174, Dip=76, Slip=88.
07	09	24	03.8	38.086	N	73.583	E	151	*	4.3		0.7	28	TAJIKISTAN-XINJIANG BORDER REG.
07	09	32	47.3	2.099	S	124.622	E	33	N	5.1	5.1	1.2	56	CERAM SEA. Mw 5.5 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 09:32:49.8; Lat 1.64 S; Lon 125.04 E; Dep 24.8; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.93, Plg=21, Azm=157; (N) Val=-0.22, Plg=62, Azm=19; (P) Val=-1.71, Plg=17, Azm=254; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=297, Dip=62, Slip=3; NP2: Strike=205, Dip=87, Slip=152.
07	09	41	33.9	1.000	S	136.762	E	33	N	4.6		1.1	22	IRIAN JAYA REGION, INDONESIA
07	09	48	27.9&	33.976	S	70.944	W	70	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
07	09	52	04.6?	31.45	S	69.69	W	130	G			0.6	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
07	09	54	26.8*	1.064	S	136.740	E	33	N	4.5		1.3	11	IRIAN JAYA REGION, INDONESIA
07	10	03	54.4*	13.426	N	49.691	E	10	G	4.2		0.9	19	EASTERN GULF OF ADEN
07	10	07	18.6?	10.11	S	78.54	W	33	N	4.4		1.1	17	NEAR COAST OF PERU
07	11	00	12.9&	44.408	N	8.305	E	5	G			0.2	9	NORTHERN ITALY. ML 2.3 (GEN).
07	11	48	35.5*	24.691	N	123.237	E	33	N	4.1		1.4	7	SOUTHWESTERN RYUKYU ISLANDS
07	11	58	53.5*	24.723	N	123.311	E	33	N	4.0		0.9	6	SOUTHWESTERN RYUKYU ISLANDS
07	12	01	51.6*	11.350	N	87.984	W	33	N	4.1		0.7	15	NEAR COAST OF NICARAGUA
07	12	08	06.8*	8.946	S	127.491	E	33	N	4.4		1.0	10	TIMOR REGION, INDONESIA
07	12	41	05.8	18.530	N	64.636	W	78	D	4.7		0.9	105	VIRGIN ISLANDS. MD 4.7 (TRN). Felt (IV) in the eastern part of Puerto Rico and throughout the U.S. and British Virgin Islands.
07	13	26	43.2*	9.878	N	125.989	E	95	*	4.3		0.9	24	MINDANAO, PHILIPPINE ISLANDS
07	14	04	06.9*	5.963	S	146.707	E	54	*	3.9		1.2	14	EASTERN NEW GUINEA REG., P.N.G.
07	14	52	34.2*	3.558	N	122.713	E	459	*	4.3		1.0	22	CELEBES SEA
07	15	09	44.1*	11.738	N	143.632	E	50	*	4.2		1.0	19	SOUTH OF MARIANA ISLANDS
07	16	30	04.2*	36.620	N	142.235	E	5	G	4.0		1.2	16	OFF EAST COAST OF HONSHU, JAPAN
07	16	46	33.7	44.805	N	114.798	W	5	G			0.7	42	WESTERN IDAHO. ML 3.5 (GS), 3.5 (BUT).
07	18	13	54.9	24.243	N	125.344	E	33	N	4.0		1.1	22	SOUTHWESTERN RYUKYU ISLANDS
07	19	04	44.1*	8.655	S	111.367	E	114	?	4.2		1.1	16	JAWA, INDONESIA
07	19	19	31.6?	17.69	S	178.68	W	600	G	4.5		0.7	24	FIJI ISLANDS REGION
07	20	17	16.4*	3.465	S	140.269	E	33	N	4.4		1.1	24	IRIAN JAYA, INDONESIA
07	21	20	57.7*	14.594	N	56.488	E	33	N	3.9		1.1	12	ARABIAN SEA
07	23	08	50.2*	24.924	N	122.503	E	40	*	3.9		0.6	11	TAIWAN REGION
07	23	27	44.9	28.126	N	139.893	E	379		4.7		0.8	108	BONIN ISLANDS REGION
07	23	35	13.0*	44.942	N	149.618	E	33	N	3.8		0.5	9	KURIL ISLANDS
07	23	41	22.8	52.791	N	2.768	W	10	G			1.0	32	UNITED KINGDOM. ML 3.8 (LDG), 3.4 (BGS). Felt (V) at Birmingham, Oswestry, Shrewsbury and Telford.
08	00	38	55.8&	61.383	N	150.572	W	58		4.9			86	SOUTHERN ALASKA. <AEIC>. ML 4.8 (AEIC), 4.6 (PMR). Felt (IV) at Anchorage, Eagle River and Tyonek. Also felt at Kenai, Nikiski, Palmer and Skwentna.
08	01	13	58.3*	6.357	S	147.864	E	33	N	4.5		0.9	14	EASTERN NEW GUINEA REG., P.N.G.
08	01	48	56.2*	28.061	N	51.950	E	33	N	4.1		1.0	21	SOUTHERN IRAN
08	01	53	23.9?	12.20	N	144.05	E	33	N	3.9		1.5	12	SOUTH OF MARIANA ISLANDS
08	03	51	17.8&	60.162	N	152.999	W	122		4.1			109	SOUTHERN ALASKA. <AEIC>.
08	04	10	20.6*	51.199	N	155.680	E	200	G	3.5		1.0	13	NORTHWEST OF KURIL ISLANDS
08	05	02	26.3&	33.602	S	71.651	W	40	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
08	06	04	22.6	49.093	N	150.568	E	353	?	3.9		0.6	30	NORTHWEST OF KURIL ISLANDS
08	06	29	15.6*	2.681	N	128.660	E	263	?	4.3		0.8	25	HALMAHERA, INDONESIA
08	06	34	06.1?	23.97	S	66.66	W	219	?	3.7		1.2	12	JUJUY PROVINCE, ARGENTINA
08	06	59	35.0	6.263	N	126.032	E	144		4.8		0.8	32	MINDANAO, PHILIPPINE ISLANDS
08	07	16	25.0*	11.104	S	112.389	E	33	N	4.1		1.0	10	SOUTH OF JAWA, INDONESIA
08	07	43	20.2?	31.73	S	71.63	W	33	N			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
08	07	47	14.6*	41.682	N	137.502	E	300	G	3.5		1.2	13	EASTERN SEA OF JAPAN
08	07	57	13.2*	0.656	S	135.349	E	33	N	4.7		1.0	19	IRIAN JAYA REGION, INDONESIA
08	08	10	37.5*	60.604	S	25.433	W	33	N	4.3		0.8	9	SOUTH SANDWICH ISLANDS REGION
08	08	16	28.9?	0.43	N	126.47	E	33	N	4.5		1.1	11	NORTHERN MOLUCCA SEA
08	08	36	40.2&	44.487	N	7.294	E	10	G			0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
08	09	41	08.7*	36.666	N	22.023	E	33	N	3.7		0.9	14	SOUTHERN GREECE
08	09	54	59.0&	59.501	N	152.720	W	13					22	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
08	10	21	22.9&	32.249	S	71.571	W	40	G			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
08	11	07	56.1*	3.570	S	138.281	E	33	N	4.5		1.2	10	IRIAN JAYA, INDONESIA
08	11	10	53.7*	0.291	N	124.708	E	100	G	4.4		0.9	15	MINAHASSA PENINSULA, SULAWESI
08	15	18	04.5	1.196	S	136.863	E	33	N	5.2	5.3	1.1	52	IRIAN JAYA REGION, INDONESIA. Mw 5.5 (HRV). Ms 5.3 (BRK). Felt on Biak.
														Centroid, Moment Tensor (HRV): Centroid origin time 15:18:07.2; Lat 1.11 S; Lon 136.87 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.05, Plg=35, Azm=155; (N) Val=0.22, Plg=47, Azm=294; (P) Val=-2.26, Plg=22, Azm=49; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=187, Dip=48, Slip=169; NP2: Strike=285, Dip=82, Slip=42.
08	16	45	07.4*	1.335	S	136.696	E	33	N	4.5		1.0	17	IRIAN JAYA REGION, INDONESIA
08	17	17	39.1	51.354	N	179.937	W	33	N	4.3		0.8	49	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
08	17	21	26.3	28.525	N	129.965	E	48	*	3.8		0.9	15	RYUKYU ISLANDS
08	18	19	24.8*	5.019	S	153.024	E	33	N	4.3		0.8	17	NEW IRELAND REGION, P.N.G.
08	18	25	34.2*	57.936	S	157.642	E	33	N	4.4		0.5	13	MACQUARIE ISLANDS REGION
08	20	38	55.1*	21.766	S	179.362	W	600	G	4.4		0.9	26	FIJI ISLANDS REGION
08	21	57	23.9*	9.535	S	79.597	W	33	N	4.1		1.0	13	OFF COAST OF NORTHERN PERU
08	22	08	24.1?	31.21	S	68.67	W	100	G			1.0	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
08	22	22	14.4*	21.362	S	68.315	W	133	*	4.4		0.9	13	CHILE-BOLIVIA BORDER REGION
08	23	45	47.4	1.061	S	136.804	E	33	N	4.7		1.1	24	IRIAN JAYA REGION, INDONESIA
08	23	46	21.2	47.137	N	11.278	E	10	G			0.7	8	AUSTRIA. ML 2.0 (FUR), 1.9 (VIE).
09	00	08	21.7	4.936	S	153.603	E	94	*	4.7		0.9	43	NEW IRELAND REGION, P.N.G.
09	00	26	33.9*	7.289	S	129.159	E	131	?	4.5		1.1	11	BANDA SEA
09	01	19	05.3	38.795	N	119.542	W	5	G	3.8		0.8	96	CALIFORNIA-NEVADA BORDER REGION. Mw 3.9 (BRK). ML 3.9 (GS), 4.3 (BRK). MD 4.0 (GM). Felt at Markleeville, California.
														Scalar Moment (BRK): Mo=7.2*10**14 Nm.
09	01	31	14.5?	0.06	S	126.20	E	33	N	4.5		1.4	12	SOUTHERN MOLUCCA SEA
09	01	40	47.1*	23.175	N	94.362	E	33	N	3.9		0.7	12	MYANMAR-INDIA BORDER REGION
09	02	19	15.1*	28.100	N	129.916	E	33	N	3.7		0.6	6	RYUKYU ISLANDS

09 03 34 57.4 47.338 N 11.768 E 10 G 0.7 6 AUSTRIA. ML 1.8 (FUR), 1.7 (VIE).
09 04 03 23.2* 51.714 N 16.311 E 10 G 0.7 5 POLAND. ML 2.5 (MOX).
09 04 22 15.1* 20.585 N 146.354 E 33 N 3.9 0.9 14 MARIANA ISLANDS REGION
09 04 38 01.0 30.409 S 177.811 W 33 N 5.3 4.9 1.1 60 KERMADEC ISLANDS, NEW ZEALAND. Mw 5.4 (HRV). Ms 5.0 (BRK).
Centroid, Moment Tensor (HRV): Centroid origin time 04:38:06.8; Lat 30.08 S; Lon 177.67 W; Dep 35.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.37, Plg=65, Azm=311; (N) Val=0.10, Plg=9, Azm=202; (P) Val=-1.47, Plg=23, Azm=108; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=181, Dip=23, Slip=68; NP2: Strike=25, Dip=69, Slip=99.
09 06 02 59.7* 36.350 N 70.516 E 200 G 3.5 0.5 11 HINDU KUSH REGION, AFGHANISTAN
09 06 15 20.6& 19.820 N 155.543 W 33 14 HAWAII. <HVO-P>. MD 4.0 (HVO). Felt at Kohala, Pahala, Volcano and Waimea.
09 07 07 11.0 21.916 N 143.429 E 247 4.4 1.0 61 MARIANA ISLANDS REGION
09 08 02 12.6* 10.761 N 86.221 W 33 N 4.3 1.4 28 OFF COAST OF COSTA RICA
09 08 24 49.3* 2.933 N 127.267 E 33 N 4.7 1.0 21 NORTHERN MOLUCCA SEA
09 08 55 33.3? 18.29 N 103.94 W 33 N 3.6 1.5 8 NEAR COAST OF MICHOACAN, MEXICO
09 08 55 44.3 39.701 N 52.532 E 33 N 4.4 0.9 47 CASPIAN SEA
09 09 09 52.2* 0.344 S 136.641 E 33 N 4.3 1.0 11 IRIAN JAYA REGION, INDONESIA
09 09 53 00.4* 9.756 N 126.484 E 33 N 4.0 0.7 12 MINDANAO, PHILIPPINE ISLANDS
09 10 22 26.6* 18.277 N 145.549 E 197 D 3.9 1.1 22 MARIANA ISLANDS
09 10 25 49.3* 24.038 N 122.444 E 33 N 3.7 0.9 9 TAIWAN REGION
09 10 37 50.2* 21.134 S 68.339 W 139 D 4.1 1.2 28 CHILE-BOLIVIA BORDER REGION
09 11 46 42.0& 33.636 S 70.443 W 18 * 0.2 9 CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
09 11 53 34.8? 3.76 N 63.29 E 24 D 3.9 1.3 8 CARLSBERG RIDGE
09 12 41 27.6 45.428 N 9.458 E 10 G 1.2 25 NORTHERN ITALY. ML 2.8 (STR), 2.7 (LDG).
09 14 50 41.8* 5.277 S 151.312 E 33 N 4.2 1.3 11 NEW BRITAIN REGION, P.N.G.
09 15 19 09.6? 28.59 N 53.51 E 33 N 3.8 1.2 6 SOUTHERN IRAN
09 15 19 39.7 4.946 S 152.682 E 104 * 4.9 5.5 1.2 40 NEW BRITAIN REGION, P.N.G. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 15:19:40.8; Lat 5.10 S; Lon 152.99 E; Dep 19.5; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.35, Plg=43, Azm=29; (N) Val=0.67, Plg=47, Azm=215; (P) Val=-3.02, Plg=3, Azm=122; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=174, Dip=58, Slip=31; NP2: Strike=67, Dip=64, Slip=144.
09 15 27 51.2* 5.084 S 153.027 E 33 N 4.4 1.1 19 NEW IRELAND REGION, P.N.G.
09 15 30 51.0* 5.015 S 152.966 E 33 N 4.8 0.9 23 NEW BRITAIN REGION, P.N.G.
09 15 41 58.2? 5.04 S 153.15 E 33 N 3.9 1.1 11 NEW IRELAND REGION, P.N.G.
09 16 15 36.2 43.425 N 148.009 E 33 N 5.6 5.9 1.0 373 EAST OF KURIL ISLANDS. Mw 6.1 (HRV), 6.0 (GS). Ms 5.5 (BRK).
Moment Tensor (GS): Dep 18; Principal axes (scale 10**18 Nm): (T) Val=1.34, Plg=55, Azm=290; (N) Val=-0.46, Plg=6, Azm=28; (P) Val=-0.88, Plg=35, Azm=122; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=238, Dip=12, Slip=120; NP2: Strike=27, Dip=80, Slip=84.
Centroid, Moment Tensor (HRV): Centroid origin time 16:15:39.0; Lat 43.56 N; Lon 148.00 E; Dep 20.0 Bdy; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.54, Plg=58, Azm=296; (N) Val=0.01, Plg=5, Azm=34; (P) Val=-1.55, Plg=32, Azm=127; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=236, Dip=14, Slip=112; NP2: Strike=33, Dip=77, Slip=85.
09 16 17 16.1 43.722 N 147.829 E 33 N 5.7 0.9 133 KURIL ISLANDS
09 16 24 11.7 43.606 N 147.512 E 33 N 4.4 1.1 29 KURIL ISLANDS
09 16 24 54.1* 43.486 N 147.973 E 33 N 4.4 1.3 14 KURIL ISLANDS
09 16 40 00.7 43.363 N 147.796 E 33 N 4.8 1.1 92 KURIL ISLANDS
09 16 41 12.0 43.366 N 147.872 E 33 N 5.0 1.2 105 KURIL ISLANDS
09 16 44 08.5* 43.512 N 147.898 E 33 N 4.5 1.1 29 KURIL ISLANDS
09 16 59 05.1* 43.428 N 147.941 E 33 N 3.9 1.3 24 KURIL ISLANDS
09 17 02 43.6 43.454 N 147.920 E 33 N 5.0 0.9 119 KURIL ISLANDS
09 17 03 34.8? 34.06 S 70.02 W 10 G 0.2 8 CHILE-ARGENTINA BORDER REGION
09 17 05 30.0 43.520 N 147.897 E 33 N 4.7 1.0 43 KURIL ISLANDS
09 17 21 35.0* 43.568 N 147.903 E 33 N 3.9 1.3 15 KURIL ISLANDS
09 17 32 43.1 51.608 N 16.145 E 10 G 3.3 1.1 21 POLAND. ML 3.5 (VIE), 3.4 (GRF).
09 18 02 11.2 43.404 N 147.818 E 33 N 4.8 1.2 87 KURIL ISLANDS
09 18 19 51.0* 15.177 S 167.449 E 126 ? 4.4 0.9 18 VANUATU ISLANDS
09 18 32 54.1* 51.607 N 16.182 E 10 G 0.9 8 POLAND. ML 2.3 (MOX).
09 18 39 20.8* 43.340 N 147.899 E 33 N 4.0 1.0 16 KURIL ISLANDS
09 18 40 19.9* 43.438 N 147.766 E 33 N 4.0 1.0 12 KURIL ISLANDS
09 18 52 48.0 51.716 N 16.177 E 10 0.8 19 POLAND. ML 3.4 (VIE), 3.1 (MOX).
09 19 42 22.5* 23.856 N 103.015 E 33 N 3.6 1.0 9 YUNNAN, CHINA
09 20 16 48.2 51.673 N 16.250 E 10 G 1.1 17 POLAND. ML 2.9 (MOX).
09 20 22 28.1 45.147 N 150.195 E 33 N 4.7 4.2 1.0 77 KURIL ISLANDS
09 20 36 54.2? 36.03 N 71.60 E 33 N 3.7 1.2 11 AFGHANISTAN-TAJIKISTAN BORD REG.
09 20 50 40.6* 1.048 N 120.301 E 33 N 4.8 · 1.4 17 MINAHASSA PENINSULA, SULAWESI
09 21 03 50.8? 41.95 N 143.19 E 63 ? 3.7 0.5 9 HOKKAIDO, JAPAN REGION
09 22 12 18.6 50.460 N 18.871 E 10 G 1.1 9 POLAND. ML 3.1 (CLL).
09 22 35 38.4 37.034 N 24.374 W 10 G 5.2 4.9 1.2 249 AZORES ISLANDS REGION. Mw 5.7 (HRV). Felt (V) in eastern and central Sao Miguel; (IV) on Santa Maria; (II) in southeastern Terceira.
Centroid, Moment Tensor (HRV): Centroid origin time 22:35:43.1; Lat 37.13 N; Lon 23.85 W; Dep 15.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.86, Plg=18, Azm=241; (N) Val=-0.23, Plg=7, Azm=333; (P) Val=-3.63, Plg=71, Azm=85; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=319, Dip=28, Slip=-106; NP2: Strike=157, Dip=63, Slip=-82.
09 22 35 58.2? 31.96 S 71.76 W 33 N 0.6 10 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
09 23 20 46.5& 34.349 N 116.469 W 4 40 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS). Felt in the epicentral area.
09 23 28 38.1* 15.869 S 167.990 E 33 N 4.8 1.1 31 VANUATU ISLANDS
09 23 31 38.8? 44.14 N 147.56 E 33 N 4.1 0.9 8 KURIL ISLANDS

10	00	02	54.5	1.053	S	137.061	E	33	N	4.7		1.2	26	NEAR NORTH COAST OF IRIAN JAYA
10	00	15	21.4*	0.670	S	136.954	E	33	N	4.5		1.3	12	IRIAN JAYA REGION, INDONESIA
10	00	19	44.4%	45.297	N	3.044	E	10	G			0.9	15	FRANCE. ML 2.7 (LDG).
10	00	28	18.5&	40.928	N	123.175	W	37					2	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
10	01	49	20.2	1.082	S	137.168	E	33	N	4.5		0.9	17	NEAR NORTH COAST OF IRIAN JAYA
10	02	29	36.7*	45.153	N	149.895	E	33	N	3.8		1.1	14	KURIL ISLANDS
10	02	32	38.5	43.300	N	126.961	W	10	G	2.7		0.5	73	OFF COAST OF OREGON
10	02	40	14.3?	7.08	N	73.15	W	150	G	3.6		0.9	7	NORTHERN COLOMBIA
10	02	48	45.0*	44.308	N	148.199	E	33	N	4.0		1.0	24	KURIL ISLANDS
10	02	50	15.9%	34.087	S	70.331	W	10	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
10	03	48	31.7?	4.81	S	152.29	E	121	?	3.9		1.5	14	NEW BRITAIN REGION, P.N.G.
10	04	57	52.6*	9.928	N	126.603	E	33	N	4.5		1.3	18	MINDANAO, PHILIPPINE ISLANDS
10	05	10	57.1*	6.012	S	151.516	E	33	N	4.5		1.2	15	NEW BRITAIN REGION, P.N.G.
10	05	23	35.0*	36.129	N	34.217	W	10	G	4.0		0.9	18	AZORES ISLANDS REGION
10	05	33	07.1	0.750	S	135.870	E	33	N	4.7		1.2	30	IRIAN JAYA REGION, INDONESIA
10	05	52	40.4	43.602	N	8.458	W	10	G	3.4		0.8	42	SPAIN. mbLg 3.6 (MDD). Felt (III) in the Cabo Prior area.
10	06	09	33.3	36.170	N	34.108	W	10	G	4.4	3.7	0.8	46	AZORES ISLANDS REGION
10	06	19	54.4*	15.850	N	98.195	W	33	N	4.3	4.0	1.0	37	OFF COAST OF GUERRERO, MEXICO
10	06	21	14.1*	36.271	N	34.235	W	10	G	3.8		0.7	8	AZORES ISLANDS REGION
10	07	35	39.8	45.200	N	7.454	E	5	G			0.7	43	NORTHERN ITALY. ML 3.0 (GEN), 2.8 (STR), 2.7 (LDG).
10	08	52	45.7	46.561	N	27.445	W	10	G	4.2	3.9	1.1	52	NORTHERN MID-ATLANTIC RIDGE
10	08	56	22.3	12.969	S	69.425	W	33	D	5.8	5.4	1.0	272	CENTRAL PERU. Mw 5.7 (GS), 5.7 (HRV). Me 5.7 (GS). Ms 5.2 (BRK). Minor damage to houses at Cobija, Bolivia. Felt (IV) at Puerto Maldonado, Peru and (II) at La Paz, Bolivia. Broadband Source Parameters (GS): Dep 31; NP1: Strike=310, Dip=55, Slip=75; NP2: Strike=155, Dip=38, Slip=110; Radiated energy 8.4*10**12 Nm. Moment Tensor (GS): Dep 28; Principal axes (scale 10**17 Nm): (T) Val=3.89, Plg=75, Azm=90; (N) Val=0.54, Plg=14, Azm=293; (P) Val=-4.43, Plg=6, Azm=202; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=277, Dip=41, Slip=69; NP2: Strike=124, Dip=52, Slip=108. Centroid, Moment Tensor (HRV): Centroid origin time 08:56:27.9; Lat 12.78 S; Lon 69.32 W; Dep 56.6; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.75, Plg=80, Azm=50; (N) Val=1.24, Plg=2, Azm=308; (P) Val=-4.99, Plg=9, Azm=218; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=305, Dip=36, Slip=87; NP2: Strike=129, Dip=54, Slip=92.
10	08	58	44.4*	32.577	S	70.100	W	110	G			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
10	10	03	51.7*	17.741	N	94.373	W	177	?	4.0		0.9	32	CHIAPAS, MEXICO
10	10	13	03.8	51.605	N	16.217	E	10	G			1.0	13	POLAND. ML 2.7 (MOX).
10	11	20	48.8*	45.868	N	147.555	E	33	N	3.8		0.6	14	KURIL ISLANDS
10	11	44	24.7*	5.972	N	128.334	E	33	N	4.1		1.1	14	EAST OF PHILIPPINE ISLANDS
10	12	05	28.2%	34.078	S	70.364	W	10	G			0.7	7	CHILE-ARGENTINA BORDER REGION
10	12	16	24.0&	44.773	N	112.712	W	8					32	EASTERN IDAHO. <BUT>. ML 4.0 (BUT), 3.5 (GS). Felt along Sage Creek, Montana.
10	12	38	01.2%	44.397	N	7.374	E	10	G			0.4	9	NORTHERN ITALY. ML 2.0 (GEN).
10	13	36	16.0*	49.441	N	158.804	E	33	N	3.8		1.0	13	EAST OF KURIL ISLANDS
10	13	39	40.5	43.362	N	147.870	E	33	N	4.7		1.1	56	KURIL ISLANDS
10	15	43	45.6*	5.146	S	139.976	E	33	N	3.9		1.3	8	IRIAN JAYA, INDONESIA
10	15	53	47.1*	31.552	N	138.221	E	369	*	3.6		0.9	10	SOUTH OF HONSHU, JAPAN
10	16	16	28.1*	5.956	S	128.895	E	237	*	4.5		1.2	20	BANDA SEA
10	16	26	14.1	4.941	N	62.067	E	10	G	4.7		0.7	36	CARLSBERG RIDGE
10	16	29	42.5?	5.04	S	152.72	E	33	N	4.0		1.2	9	NEW BRITAIN REGION, P.N.G.
10	16	32	48.0	43.548	N	7.831	E	10	G			0.3	10	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG), 2.1 (GEN).
10	17	31	30.0?	5.06	S	152.95	E	33	N	4.2		1.4	12	NEW BRITAIN REGION, P.N.G.
10	18	18	01.0*	9.623	N	126.648	E	114	?	4.1		1.1	18	MINDANAO, PHILIPPINE ISLANDS
10	20	05	17.2*	44.703	N	149.483	E	33	N	3.9		1.4	18	KURIL ISLANDS
10	21	12	16.2&	50.573	N	130.436	W	10	G	4.0	4.1		117	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.3 (PGC).
10	22	59	47.4?	15.35	S	67.27	E	10	G	3.9		1.2	10	MID-INDIAN RIDGE
10	23	11	46.8*	5.134	S	153.100	E	33	N	3.9		1.0	18	NEW IRELAND REGION, P.N.G.
10	23	43	17.2*	15.481	S	67.336	E	10	G	4.4		1.1	15	MID-INDIAN RIDGE
10	23	47	32.6	51.772	N	176.531	W	33	N	4.1		0.9	29	ANDREANOF ISLANDS, ALEUTIAN IS.
10	23	48	41.1%	34.004	S	70.807	W	70	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
10	23	51	41.0*	12.230	N	143.582	E	33	N	4.3		1.0	10	SOUTH OF MARIANA ISLANDS
11	01	56	58.1%	33.679	S	71.596	W	33	N			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
11	02	22	31.7	44.571	N	148.177	E	42	D	4.3		0.7	41	KURIL ISLANDS
11	02	47	03.7*	35.067	N	26.833	E	33	N	3.9		1.1	16	CRETE
11	02	59	50.9	3.506	N	122.781	E	556	*	4.6		0.8	22	CELEBES SEA
11	03	52	55.2*	16.063	N	47.559	W	10	G	4.1		0.9	13	NORTHERN MID-ATLANTIC RIDGE
11	05	41	51.5	54.133	N	166.043	W	5	G	4.1		1.4	22	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
11	06	10	18.0	54.231	N	166.087	W	5	G	4.7		1.0	71	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR). Felt (IV) on Akutan.
11	06	15	47.3	53.957	N	162.944	E	33	N	5.2	4.6	0.8	202	OFF EAST COAST OF KAMCHATKA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:15:46.4; Lat 53.96 N Fix; Lon 162.94 E Fix; Dep 21.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.28, Plg=25, Azm=162; (N) Val=1.41, Plg=14, Azm=65; (P) Val=-4.68, Plg=60, Azm=309; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=281, Dip=23, Slip=-52; NP2: Strike=61, Dip=72, Slip=-105.
11	06	24	22.7%	31.377	S	117.902	E	10	G			1.4	5	WESTERN AUSTRALIA
11	06	33	18.3	58.150	N	150.808	W	33	N	4.3		1.0	80	GULF OF ALASKA. ML 3.8 (PMR), 3.6 (AEIC).
11	06	46	15.0	54.249	N	166.391	W	5	G	4.0		1.0	26	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR). Felt (IV) on Akutan.
11	07	09	55.5	54.269	N	166.077	W	5	G	4.4		1.0	49	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
11	07	14	14.6	54.238	N	166.092	W	5	G	4.2		0.8	22	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
11	07	49	36.0?	45.42	N	149.95	E	55	D			0.9	10	KURIL ISLANDS
11	07	52	37.7*	5.601	S	145.569	E	33	N	4.1		1.4	11	EASTERN NEW GUINEA REG., P.N.G.

11	08	17	16.4	54.282	N	166.219	W	5	G	4.3	0.7	30	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
11	08	30	48.3*	54.180	N	165.995	W	5	G	4.0	1.3	20	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt (IV) on Akutan.
11	08	43	52.1*	18.247	S	178.272	W	600	G	4.6	1.1	36	FIJI ISLANDS REGION
11	08	52	44.5	54.204	N	166.107	W	5	G	4.2	1.0	26	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (IV) on Akutan.
11	09	41	10.0?	7.46	S	127.13	E	33	N	4.5	1.5	16	BANDA SEA
11	10	10	40.9&	31.525	S	117.604	E	10	G		1.1	5	WESTERN AUSTRALIA
11	10	16	34.6*	54.235	N	166.050	W	5	G	3.8	0.8	18	FOX ISLANDS, ALEUTIAN ISLANDS
11	10	54	37.9*	40.222	N	71.969	E	33	N	4.0	0.7	11	TAJIKISTAN
11	11	46	00.2?	4.28	S	148.21	E	231	*	5.0	1.6	14	BISMARCK SEA
11	11	48	18.1?	20.71	S	174.49	W	33	N	4.4	1.1	10	TONGA ISLANDS
11	11	56	07.8*	42.184	S	71.888	W	126	D	5.2	1.1	78	S. CHILE-ARGENTINA BORDER REGION. Mw 5.4 (HRV). MD 5.1 (SAN). Centroid, Moment Tensor (HRV): Centroid origin time 11:56:11.4; Lat 42.34 S; Lon 71.45 W; Dep 134.4; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=52, Azm=0; (N) Val=0.38, Plg=10, Azm=257; (P) Val=-1.40, Plg=36, Azm=160; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=208, Dip=13, Slip=40; NP2: Strike=79, Dip=82, Slip=100.
11	12	30	34.8*	54.134	N	166.269	W	5	G	3.8	0.7	12	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt (IV) on Akutan.
11	13	05	16.8*	33.432	S	71.858	W	10	G		1.1	12	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
11	14	31	49.1*	5.205	S	153.012	E	33	N	4.2	0.9	13	NEW IRELAND REGION, P.N.G.
11	14	38	11.6*	17.546	S	179.245	E	600	G	4.3	0.9	14	FIJI ISLANDS
11	15	18	51.5	6.063	S	153.887	E	61	D	4.7	1.1	24	NEW BRITAIN REGION, P.N.G.
11	18	02	14.9*	6.023	S	146.671	E	48		3.8	0.7	14	EASTERN NEW GUINEA REG., P.N.G.
11	18	30	10.7&	47.793	N	1.422	E	5	G		0.5	13	FRANCE. ML 2.1 (LDG).
11	19	06	31.3*	36.443	N	70.627	E	200	G		1.4	13	HINDU KUSH REGION, AFGHANISTAN
11	19	36	26.4&	64.779	N	148.008	W	26				9	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
11	19	42	09.8?	7.18	N	73.42	W	150	G	4.1	1.5	15	NORTHERN COLOMBIA
11	20	12	37.9*	42.409	N	139.250	E	24	D	4.0	1.0	15	HOKKAIDO, JAPAN REGION
11	21	01	05.5?	51.49	N	15.85	E	10	G		1.1	6	POLAND. MG 2.2 (WAR).
11	22	37	20.7*	54.338	N	166.129	W	5	G	3.3	1.2	11	FOX ISLANDS, ALEUTIAN ISLANDS. Felt (IV) on Akutan.
11	22	51	28.7?	8.10	S	118.30	E	66	?	4.7	1.5	15	SUMBAWA REGION, INDONESIA
11	23	00	54.1*	31.513	N	141.839	E	37	*	4.4	1.0	21	SOUTH OF HONSHU, JAPAN
11	23	24	30.5?	16.63	S	127.30	E	10	G		1.4	9	WESTERN AUSTRALIA
11	23	53	12.9&	63.463	N	151.076	W	10				11	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
12	00	32	17.9?	53.99	N	166.17	W	5	G	3.4	0.9	11	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR). Felt (IV) on Akutan.
12	02	06	22.2	54.184	N	165.967	W	5	G	4.0	1.1	34	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR). Felt (IV) on Akutan.
12	02	25	49.4?	3.51	S	143.76	E	42	*	4.1	1.3	14	NEAR N COAST OF NEW GUINEA, PNG.
12	02	50	39.1	52.022	N	158.294	E	33	N	4.3	0.9	41	NEAR EAST COAST OF KAMCHATKA
12	03	24	37.4*	53.338	N	153.496	E	500	G		0.7	13	SEA OF OKHOTSK
12	03	44	25.1&	37.640	N	118.828	W	10				40	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
12	03	44	26.0	9.020	N	126.346	E	55	D	5.2	1.2	69	MINDANAO, PHILIPPINE ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:44:29.4; Lat 8.88 N; Lon 126.45 E; Dep 72.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=76, Azm=192; (N) Val=0.11, Plg=12, Azm=341; (P) Val=-1.17, Plg=7, Azm=73; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=177, Dip=39, Slip=110; NP2: Strike=332, Dip=53, Slip=75.
12	04	49	08.6*	0.664	S	136.132	E	33	N	4.6	1.6	19	IRIAN JAYA REGION, INDONESIA
12	05	24	18.8	15.946	N	97.633	W	33	N	4.6	1.0	69	NEAR COAST OF OAXACA, MEXICO
12	05	58	25.6*	3.026	S	130.081	E	33	N	4.1	1.1	15	SERAM, INDONESIA
12	07	19	28.8&	44.735	N	7.166	E	10	G		0.3	6	NORTHERN ITALY. ML 2.0 (GEN).
12	08	36	34.9?	54.23	N	166.44	W	5	G	3.9	0.7	13	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
12	09	29	47.9&	37.639	N	118.828	W	9				42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.3 (BRK).
12	10	44	29.3&	63.221	N	150.936	W	21				12	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.9 (PMR).
12	13	44	53.6*	15.989	S	172.816	W	33	N	4.5	0.9	33	SAMOA ISLANDS REGION Scalar Moment (PPT): Mo=1.1*10**17 Nm.
12	15	10	41.1	35.661	N	27.641	E	36	*	4.2	1.3	41	DODECANESE ISLANDS
12	15	52	57.9	6.836	N	72.993	W	160	D	4.3	1.0	21	NORTHERN COLOMBIA
12	17	51	08.2?	32.70	S	71.88	W	10	G		0.5	8	NEAR COAST OF CENTRAL CHILE
12	17	51	53.6?	32.69	S	71.82	W	10	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
12	18	43	42.8	48.442	N	88.143	E	17	D	5.6 5.3	1.1	275	MONGOLIA. Mw 5.6 (GS), 5.6 (HRV). Moment Tensor (GS): Dep 17; Principal axes (scale 10**17 Nm): (T) Val=3.11, Plg=20, Azm=82; (N) Val=-0.03, Plg=70, Azm=275; (P) Val=-3.07, Plg=4, Azm=173; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=219, Dip=73, Slip=11; NP2: Strike=126, Dip=79, Slip=163. Centroid, Moment Tensor (HRV): Centroid origin time 18:43:48.3; Lat 48.46 N; Lon 88.27 E; Dep 17.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.40, Plg=20, Azm=93; (N) Val=0.30, Plg=65, Azm=309; (P) Val=-2.71, Plg=13, Azm=188; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=231, Dip=66, Slip=5; NP2: Strike=139, Dip=85, Slip=156.
12	18	49	00.5*	26.826	S	26.501	E	5	G	4.5	1.2	15	REPUBLIC OF SOUTH AFRICA
12	19	28	24.4*	51.486	N	15.799	E	10	G		0.6	7	POLAND. ML 2.4 (MOX).
12	19	37	29.4&	63.528	N	150.521	W	14				45	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
12	20	11	23.6	51.634	N	16.121	E	10	G		1.0	25	POLAND. ML 3.6 (VIE), 3.6 (GRF).
12	20	44	58.5*	6.479	S	154.553	E	33	N	4.4	1.0	15	SOLOMON ISLANDS
12	21	20	15.2	30.014	N	88.151	E	12	D	4.9 4.4	0.8	74	XIZANG
12	22	06	03.3*	2.905	N	126.542	E	29	D	5.1 5.2	1.0	91	NORTHERN MOLUCCA SEA. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:06:11.0; Lat 3.00 N; Lon 126.82 E; Dep 44.6; Half-

													duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.63, Plg=66, Azm=292; (N) Val=0.75, Plg=2, Azm=196; (P) Val=-8.38, Plg=24, Azm=106; Best double couple: Mo=8.0*10**17 Nm; NP1: Strike=191, Dip=21, Slip=84; NP2: Strike=17, Dip=69, Slip=92.
12	22	46	39.4*	3.058	N	126.629	E	33	N	4.3	1.1	15	TALAUD ISLANDS, INDONESIA
12	23	16	45.3&	31.386	S	117.840	E	10	G		1.0	6	WESTERN AUSTRALIA
12	23	32	18.9*	27.566	N	139.867	E	488	*	3.9	0.6	16	BONIN ISLANDS REGION
13	00	37	19.2*	7.064	S	117.340	E	500	G	4.3	1.4	11	BALI SEA
13	00	47	45.5*	42.389	N	130.911	E	588	?	4.0	0.7	22	E. RUSSIA-N.E. CHINA BORDER REG.
13	01	42	28.5&	61.756	N	149.646	W	39				54	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
13	02	15	58.8&	44.680	N	7.719	E	10	G		0.8	8	NORTHERN ITALY. ML 2.2 (GEN).
13	02	41	57.9*	51.609	N	16.183	E	10	G		1.4	7	POLAND. MG 2.6 (WAR).
13	03	23	01.6&	59.858	N	152.837	W	95				60	SOUTHERN ALASKA. <AEIC>.
13	03	38	38.2*	54.071	N	166.207	W	5	G	3.9	0.8	19	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
13	03	52	14.3	27.039	N	100.389	E	33	N	4.7	0.5	40	YUNNAN, CHINA
13	03	53	52.8	42.718	N	111.305	W	5	G		0.6	12	EASTERN IDAHO. ML 2.8 (GS).
13	04	01	30.8&	38.736	N	119.623	W	6				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
13	04	22	44.4&	33.729	S	70.437	W	10	G		0.5	8	CHILE-ARGENTINA BORDER REGION
13	06	04	21.1*	35.504	N	79.028	E	33	N	4.2	0.8	15	KASHMIR-XIZANG BORDER REGION
13	07	47	41.2&	33.035	S	70.422	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
13	08	05	30.0?	28.87	N	51.61	E	33	N	4.0	1.4	13	SOUTHERN IRAN
13	08	37	40.3*	43.286	N	8.184	E	10	G		0.7	11	CORSICA. ML 2.4 (LDG), 2.4 (GEN).
13	09	19	20.9&	36.974	N	3.746	W	5	G		0.7	8	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
13	09	44	57.2*	22.661	S	68.583	W	104	D	4.1	1.0	14	NORTHERN CHILE
13	11	15	18.1*	11.251	S	161.806	E	33	N	4.1	1.1	14	SOLOMON ISLANDS
13	13	15	03.9*	21.011	S	176.518	W	201	?	4.7	1.1	26	FIJI ISLANDS REGION
13	13	23	17.2*	28.891	S	71.402	W	28	D	4.5	1.3	28	NEAR COAST OF CENTRAL CHILE. MD 4.9 (SAN).
13	13	34	17.9?	45.17	N	149.03	E	33	N	4.3	0.9	25	KURIL ISLANDS
13	14	20	30.0?	10.76	S	161.93	E	79	?	4.3	1.4	19	SOLOMON ISLANDS
13	14	20	36.9?	3.02	N	127.07	E	33	N	4.4	1.5	7	TALAUD ISLANDS, INDONESIA
13	16	12	01.3&	36.431	N	117.858	W	6	G			36	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
13	16	27	04.7	6.760	S	127.727	E	308		5.3	0.9	83	BANDA SEA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:27:10.8; Lat 6.68 S; Lon 127.83 E; Dep 324.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=15, Azm=173; (N) Val=0.12, Plg=24, Azm=270; (P) Val=-1.18, Plg=61, Azm=55; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=234, Dip=37, Slip=-133; NP2: Strike=103, Dip=64, Slip=-63.
13	20	06	19.5*	1.060	S	136.735	E	33	N	3.9	0.3	7	IRIAN JAYA REGION, INDONESIA
13	20	11	43.9*	51.618	N	16.233	E	10	G		0.4	12	POLAND
13	20	43	32.5*	9.909	N	126.036	E	33	N	4.2	1.2	16	MINDANAO, PHILIPPINE ISLANDS
13	21	04	17.9	16.704	N	98.870	W	25	D	5.2 4.4	1.0	113	NEAR COAST OF GUERRERO, MEXICO. Mw 5.2 (HRV). Felt slightly at Mexico City. Centroid, Moment Tensor (HRV): Centroid origin time 21:04:23.3; Lat 16.93 N; Lon 98.86 W; Dep 29.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.59, Plg=73, Azm=194; (N) Val=-0.43, Plg=5, Azm=300; (P) Val=-6.16, Plg=17, Azm=31; Best double couple: Mo=6.4*10**16 Nm; NP1: Strike=128, Dip=29, Slip=100; NP2: Strike=297, Dip=62, Slip=85.
13	21	12	18.0?	17.88	S	178.58	W	600	G	4.2	1.0	19	FIJI ISLANDS REGION
13	22	17	25.6?	12.22	S	76.48	W	33	N		1.1	5	NEAR COAST OF PERU. Felt (II) at Lima.
13	23	05	16.4*	12.382	N	125.542	E	33	N	4.2	1.2	14	SAMAR, PHILIPPINE ISLANDS
14	00	11	26.2*	51.790	N	30.028	W	10	G	4.5	1.3	20	NORTHERN MID-ATLANTIC RIDGE
14	00	51	56.5&	18.180	N	66.789	W	10	G		0.8	5	PUERTO RICO REGION
14	01	43	04.4*	54.411	N	166.048	W	5	G		1.2	19	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
14	01	56	36.3	44.287	N	11.499	E	10	G		1.2	64	NORTHERN ITALY. ML 3.9 (STR), 3.6 (VIE), 3.5 (LDG).
14	02	33	49.4	51.787	N	30.142	W	10	G	4.1	1.1	33	NORTHERN MID-ATLANTIC RIDGE
14	03	12	02.4*	3.244	S	77.817	W	33	N	4.4	1.2	22	PERU-ECUADOR BORDER REGION
14	03	55	36.1	54.220	N	166.003	W	5	G	4.0	1.0	28	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR). Felt (IV) on Akutan.
14	04	09	26.8	51.804	N	30.095	W	10	G	4.4 4.6	0.9	47	NORTHERN MID-ATLANTIC RIDGE
14	04	10	48.3	51.740	N	30.197	W	10	G	4.4	1.0	41	NORTHERN MID-ATLANTIC RIDGE
14	04	11	24.4*	51.727	N	30.229	W	10	G	4.2	1.4	12	NORTHERN MID-ATLANTIC RIDGE
14	04	12	42.4?	51.37	N	30.60	W	10	G	4.4	1.4	9	NORTHERN MID-ATLANTIC RIDGE
14	04	15	28.7*	51.952	N	30.116	W	10	G	4.5 4.7	1.7	22	NORTHERN MID-ATLANTIC RIDGE. Ms 4.7 (BRK).
14	04	20	47.7*	51.684	N	30.143	W	10	G	4.1	1.1	20	NORTHERN MID-ATLANTIC RIDGE
14	04	24	37.1	51.706	N	30.251	W	10	G	4.3	1.0	21	NORTHERN MID-ATLANTIC RIDGE
14	04	28	21.1	51.796	N	30.070	W	10	G	4.4	0.9	39	NORTHERN MID-ATLANTIC RIDGE
14	04	32	20.8*	51.694	N	30.105	W	10	G	4.2	1.1	13	NORTHERN MID-ATLANTIC RIDGE
14	04	42	47.4	51.870	N	30.175	W	10	G	4.6 4.3	0.9	63	NORTHERN MID-ATLANTIC RIDGE
14	04	51	12.8	51.827	N	30.101	W	10	G	4.6 4.5	0.9	69	NORTHERN MID-ATLANTIC RIDGE
14	05	00	23.7	51.829	N	30.046	W	10	G	4.6 4.7	0.8	52	NORTHERN MID-ATLANTIC RIDGE
14	05	07	50.9	51.887	N	30.129	W	10	G	4.3 4.0	0.8	27	NORTHERN MID-ATLANTIC RIDGE
14	05	08	21.8*	51.865	N	30.259	W	10	G	4.0	1.1	19	NORTHERN MID-ATLANTIC RIDGE
14	05	12	14.9*	43.292	N	0.723	W	10	G		1.2	49	PYRENEES. ML 3.6 (LDG), 3.1 (STR). mbLg 3.5 (MDD). Felt (III) in the western Pyrenees, France.
14	05	23	54.3*	51.776	N	30.236	W	10	G	3.9	1.3	15	NORTHERN MID-ATLANTIC RIDGE
14	05	26	30.0	51.862	N	30.077	W	10	G	4.7 4.1	0.7	81	NORTHERN MID-ATLANTIC RIDGE
14	05	35	56.5*	43.106	N	146.897	E	33	N	4.0	1.4	17	KURIL ISLANDS
14	05	40	56.8	51.862	N	29.992	W	10	G	4.5 4.1	0.9	45	NORTHERN MID-ATLANTIC RIDGE
14	05	43	53.6	54.204	N	166.001	W	5	G	4.6 4.7	1.2	72	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR). Felt (V) on Akutan and (III) on Unalaska.
14	06	12	29.6*	51.393	N	30.455	W	10	G	4.0	1.3	9	NORTHERN MID-ATLANTIC RIDGE
14	06	12	45.8&	33.011	N	117.855	W	6	G			25	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS).
14	06	25	21.0	51.825	N	30.032	W	10	G	4.4 4.1	0.9	47	NORTHERN MID-ATLANTIC RIDGE
14	06	26	32.0*	51.893	N	30.169	W	10	G	4.4	1.2	25	NORTHERN MID-ATLANTIC RIDGE
14	06	44	09.5*	54.344	N	165.937	W	5	G	3.5	1.2	19	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt (IV) on

Akutan.
14 07 01 40.9 44.910 N 9.918 E 10 G 1.1 65 NORTHERN ITALY. ML 3.8 (STR), 3.6 (LDG), 3.6 (VIE).
14 07 04 57.1 51.974 N 30.171 W 10 G 4.4 4.3 0.9 56 NORTHERN MID-ATLANTIC RIDGE
14 07 10 34.6* 54.634 N 166.340 W 5 G 3.5 1.1 12 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 07 19 11.8 54.236 N 165.765 W 5 G 3.9 0.8 28 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
14 07 28 44.2* 54.313 N 166.101 W 5 G 3.9 1.3 26 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (IV) on Akutan.
14 07 29 03.4* 10.128 S 79.085 W 33 N 4.5 1.1 28 OFF COAST OF PERU
14 07 33 23.0 54.535 N 166.053 W 5 G 0.9 19 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR). Felt (IV) on Akutan.
14 07 50 35.9* 51.748 N 30.359 W 10 G 0.8 11 NORTHERN MID-ATLANTIC RIDGE
14 08 08 06.5 51.933 N 30.067 W 10 G 4.5 4.6 1.0 51 NORTHERN MID-ATLANTIC RIDGE
14 08 12 39.9 54.401 N 166.043 W 5 G 4.1 0.9 27 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR). Felt (IV) on Akutan.
14 08 15 37.0* 54.372 N 166.170 W 5 G 0.9 12 FOX ISLANDS, ALEUTIAN ISLANDS
14 08 31 00.5 52.056 N 30.068 W 10 G 4.1 1.0 21 NORTHERN MID-ATLANTIC RIDGE
14 08 37 02.5* 51.984 N 30.346 W 10 G 1.3 15 NORTHERN MID-ATLANTIC RIDGE
14 09 07 51.8 54.197 N 165.894 W 5 G 3.8 0.7 19 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (IV) on Akutan.
14 09 12 11.9* 19.532 N 92.003 W 33 N 4.3 1.3 40 BAY OF CAMPECHE
14 09 18 10.2 54.076 N 165.917 W 5 G 3.8 0.7 16 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt (IV) on Akutan.
14 09 57 11.8* 51.631 N 30.755 W 10 G 4.1 3.8 1.3 17 NORTHERN MID-ATLANTIC RIDGE
14 10 00 18.2 54.230 N 165.963 W 5 G 4.2 0.9 25 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
14 10 00 59.0& 37.258 N 3.662 W 10 G 0.5 5 SPAIN. mbLg 2.5 (MDD).
14 10 08 11.6* 32.713 S 71.729 W 33 N 0.8 12 NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN). Felt (III) at Quillota, Quintero and Valparaiso; (II) at Vina del Mar.
14 10 21 06.9? 54.02 N 166.53 W 5 G 3.4 0.9 10 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 10 31 43.4* 54.260 N 165.965 W 5 G 3.5 1.4 18 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 10 35 07.2* 51.727 N 30.144 W 10 G 4.0 0.9 13 NORTHERN MID-ATLANTIC RIDGE
14 10 42 26.0& 45.990 N 74.430 W 18 G 28 SOUTHERN ONTARIO, CANADA. <OTT-P>. mbLg 4.5 (OTT), 4.1 (GS). Felt in the Montreal-Ottawa area.
14 10 50 20.9& 59.232 N 152.490 W 64 2.9 44 SOUTHERN ALASKA. <AEIC>.
14 10 51 15.3* 54.209 N 165.984 W 5 G 4.2 1.3 7 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (IV) on Akutan.
14 11 00 11.2& 33.681 S 70.450 W 10 G 1.1 8 CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
14 11 01 55.6* 54.478 N 166.227 W 5 G 3.1 1.2 7 FOX ISLANDS, ALEUTIAN ISLANDS
14 11 05 39.9 52.020 N 30.023 W 10 G 4.4 0.7 26 NORTHERN MID-ATLANTIC RIDGE
14 11 07 18.1? 54.28 N 165.91 W 5 G 3.7 0.9 14 FOX ISLANDS, ALEUTIAN ISLANDS
14 11 21 20.8* 54.129 N 165.878 W 5 G 3.7 1.3 18 FOX ISLANDS, ALEUTIAN ISLANDS. ML 3.5 (PMR). Felt (IV) on Akutan.
14 11 33 49.6* 54.313 N 165.979 W 5 G 3.3 0.8 8 FOX ISLANDS, ALEUTIAN ISLANDS
14 11 51 03.3? 54.11 N 166.14 W 5 G 3.3 1.3 9 FOX ISLANDS, ALEUTIAN ISLANDS
14 11 56 13.9 54.125 N 165.826 W 5 G 4.3 0.7 23 FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR). Felt (IV) on Akutan.
14 12 02 19.1 51.965 N 30.166 W 10 G 4.7 4.7 1.1 75 NORTHERN MID-ATLANTIC RIDGE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:02:23.3; Lat 51.80 N; Lon 29.52 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.79, Plg=19, Azm=264; (N) Val=0.26, Plg=24, Azm=3; (P) Val=-1.05, Plg=58, Azm=141; Best double couple: Mo=9.2*10**16 Nm; NP1: Strike=321, Dip=34, Slip=-138; NP2: Strike=194, Dip=68, Slip=-64.
14 12 08 13.4* 54.454 N 165.844 W 5 G 3.9 1.3 13 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (IV) on Akutan.
14 12 27 05.8 51.924 N 30.127 W 10 G 4.3 0.8 22 NORTHERN MID-ATLANTIC RIDGE
14 12 35 07.1* 54.229 N 165.795 W 5 G 3.8 1.0 12 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 13 13 38.0 54.114 N 165.990 W 5 G 4.3 1.0 38 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR). Felt (IV) on Akutan.
14 13 17 57.6* 54.177 N 166.139 W 5 G 4.0 0.9 15 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 13 36 46.1* 52.022 N 30.170 W 10 G 4.0 0.8 12 NORTHERN MID-ATLANTIC RIDGE
14 14 35 30.9 51.884 N 30.056 W 10 G 4.5 4.0 1.2 57 NORTHERN MID-ATLANTIC RIDGE
14 14 39 47.9& 18.171 N 66.799 W 10 G 0.9 5 PUERTO RICO REGION
14 14 52 04.9* 29.374 S 71.193 W 33 N 4.9 1.2 57 NEAR COAST OF CENTRAL CHILE. MD 5.0 (SAN). Felt (V) at Andacollo, Coquimbo, La Higuera, La Serena and Vicuna; (IV) at Monte Patria and Ovalle.
14 14 58 16.9* 54.047 N 165.881 W 5 G 3.9 1.2 16 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR). Felt (IV) on Akutan.
14 15 00 57.5* 51.550 N 30.309 W 10 G 1.1 12 NORTHERN MID-ATLANTIC RIDGE
14 15 06 30.5* 6.485 S 105.333 E 33 N 4.2 1.0 18 SUNDA STRAIT
14 15 21 31.3 54.156 N 165.906 W 5 G 4.3 0.9 58 FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR). Felt (V) on Akutan.
14 16 01 48.8& 37.880 N 1.391 W 10 G 0.3 10 SPAIN. mbLg 3.0 (MDD).
14 16 09 45.0* 54.035 N 165.929 W 5 G 0.9 12 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 16 13 51.6 54.134 N 165.844 W 5 G 4.6 1.1 62 FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.2 (PMR). Felt (V) on Akutan.
14 16 15 56.0 51.939 N 30.136 W 10 G 4.3 0.9 25 NORTHERN MID-ATLANTIC RIDGE
14 16 20 58.0* 51.890 N 30.232 W 10 G 1.2 10 NORTHERN MID-ATLANTIC RIDGE
14 16 32 23.0* 54.284 N 166.109 W 5 G 3.5 0.8 9 FOX ISLANDS, ALEUTIAN ISLANDS
14 16 40 13.2* 34.099 N 26.489 E 33 N 4.0 0.9 16 CRETE
14 17 00 08.3* 54.181 N 165.997 W 5 G 3.9 1.1 24 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (IV) on Akutan.
14 17 29 59.3* 54.245 N 165.982 W 5 G 3.4 1.4 18 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR). Felt (IV) on Akutan.
14 18 23 20.2* 54.136 N 165.993 W 5 G 3.7 1.1 17 FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt (IV) on

													Akutan.
14	19	27	57.8	54.117	N	166.123	W	5	G	4.2	0.7	30	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR). Felt (IV) on Akutan.
14	20	21	00.2	51.949	N	29.891	W	10	G	4.0	0.8	26	NORTHERN MID-ATLANTIC RIDGE
14	20	29	11.1*	47.722	N	16.322	E	10	G		0.4	5	AUSTRIA. ML 2.9 (VIE). Felt (IV) at Neudorfl.
14	21	18	52.5	51.981	N	29.972	W	10	G	4.7 4.0	1.1	91	NORTHERN MID-ATLANTIC RIDGE
14	21	47	57.8	14.741	N	55.741	E	10	G	5.0	1.2	65	ARABIAN SEA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:48:01.3; Lat 14.75 N; Lon 55.35 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.37, Plg=27, Azm=4; (N) Val=1.18, Plg=9, Azm=98; (P) Val=-7.55, Plg=62, Azm=206; Best double couple: Mo=7.0*10**16 Nm; NP1: Strike=72, Dip=20, Slip=-118; NP2: Strike=282, Dip=72, Slip=-80.
14	22	40	07.4*	52.051	N	30.108	W	10	G	4.0	0.9	14	NORTHERN MID-ATLANTIC RIDGE
14	22	42	19.7	52.049	N	30.016	W	10	G	4.4	1.0	55	NORTHERN MID-ATLANTIC RIDGE
14	22	47	22.3*	5.330	N	72.952	W	33	N	4.2	1.2	15	COLOMBIA
14	22	56	25.0?	43.69	N	147.57	E	33	N	4.1	1.0	8	KURIL ISLANDS
14	23	06	16.7*	14.786	N	55.902	E	10	G	4.0	0.5	9	ARABIAN SEA
14	23	25	28.6*	0.669	S	136.589	E	33	N	4.3	1.1	13	IRIAN JAYA REGION, INDONESIA
14	23	47	49.5*	51.942	N	30.101	W	10	G	4.1	1.0	16	NORTHERN MID-ATLANTIC RIDGE
15	00	11	24.8	21.600	N	142.978	E	332		4.4	1.0	67	MARIANA ISLANDS REGION
15	01	05	45.0*	14.829	N	55.872	E	33	N	4.0	1.0	11	ARABIAN SEA
15	01	33	00.4&	37.869	N	1.457	W	5	G		0.7	8	SPAIN. mbLg 2.7 (MDD).
15	02	06	41.8*	35.313	S	17.261	W	10	G	5.0 4.9	1.3	15	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:06:50.2; Lat 35.56 S; Lon 17.29 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.51, Plg=15, Azm=125; (N) Val=0.16, Plg=70, Azm=263; (P) Val=-2.67, Plg=13, Azm=32; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=168, Dip=70, Slip=178; NP2: Strike=259, Dip=88, Slip=20.
15	02	07	08.6*	52.085	N	30.156	W	10	G		0.9	12	NORTHERN MID-ATLANTIC RIDGE
15	04	34	22.7	8.438	N	82.705	W	33	N	4.6 4.7	1.0	72	PANAMA-COSTA RICA BORDER REGION
15	05	53	50.9*	51.845	N	30.158	W	10	G		0.6	6	NORTHERN MID-ATLANTIC RIDGE
15	06	38	30.0*	52.100	N	30.215	W	10	G		1.3	9	NORTHERN MID-ATLANTIC RIDGE
15	07	02	08.4*	16.671	S	174.188	W	268	*	4.0	1.0	12	TONGA ISLANDS
15	07	08	46.7*	44.334	N	147.613	E	33	N	4.0	1.2	15	KURIL ISLANDS
15	07	27	18.9?	51.56	N	16.24	E	10	G		1.4	4	POLAND. ML 2.4 (MOX).
15	07	33	40.9*	51.915	N	30.315	W	10	G	4.0	1.1	14	NORTHERN MID-ATLANTIC RIDGE
15	07	36	03.8&	32.604	S	71.306	W	40	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
15	08	06	25.7?	0.97	S	135.13	E	33	N	4.3	1.3	9	IRIAN JAYA REGION, INDONESIA
15	08	09	11.8*	36.206	N	71.199	E	145	*		0.8	12	AFGHANISTAN-TAJIKISTAN BORD REG.
15	08	32	37.1*	52.189	N	30.048	W	10	G	4.0	0.7	7	NORTHERN MID-ATLANTIC RIDGE
15	08	38	49.9*	51.907	N	30.198	W	10	G		1.3	11	NORTHERN MID-ATLANTIC RIDGE
15	09	40	17.6&	63.002	N	151.028	W	121				67	CENTRAL ALASKA. <AEIC>.
15	09	43	33.3	52.147	N	30.010	W	8	D	5.1 4.5	1.0	184	NORTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:43:36.6; Lat 52.13 N; Lon 29.54 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.54, Plg=15, Azm=234; (N) Val=-1.09, Plg=70, Azm=14; (P) Val=-7.45, Plg=12, Azm=141; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=277, Dip=71, Slip=177; NP2: Strike=8, Dip=88, Slip=19.
15	10	41	22.1?	54.20	N	166.06	W	5	G	3.7	1.2	15	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
15	11	17	45.0	7.456	S	128.265	E	139		4.8	0.9	58	BANDA SEA
15	12	38	16.0	21.320	N	120.135	E	33	N	4.4 4.7	0.9	32	TAIWAN REGION
15	12	45	44.1	8.989	S	77.665	W	29	D	5.0 4.5	1.0	107	CENTRAL PERU. Felt (V) at Caraz; (IV) at Carhuaz and Yungay; (III) at Casma, Chimbote, Corongo and Pomabamba; (II) at Huaraz, Huarmey and Trujillo.
15	13	02	02.5?	36.45	N	67.50	E	33	N	4.0	1.2	9	HINDU KUSH REGION, AFGHANISTAN
15	13	17	57.2&	33.586	N	105.694	W	10	G			18	NEW MEXICO. <SNM-P>. mbLg 2.9 (GS). MD 2.7 (SNM). Felt in the Capitan-Carrizozo area.
15	13	18	08.2	52.098	N	30.272	W	10	G	4.3	1.3	42	NORTHERN MID-ATLANTIC RIDGE
15	13	22	48.2&	37.979	N	3.778	W	10	G		0.9	11	SPAIN. mbLg 2.7 (MDD).
15	13	54	34.0*	10.809	N	86.322	W	33	N	4.4	1.4	41	OFF COAST OF COSTA RICA
15	14	10	34.4	51.753	N	175.447	E	33	N	4.2	1.2	40	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).
15	15	40	20.8*	1.083	S	136.986	E	33	N	4.9	0.9	37	IRIAN JAYA REGION, INDONESIA
15	15	42	43.5	0.861	S	136.171	E	33	N	4.8	1.3	33	IRIAN JAYA REGION, INDONESIA
15	17	48	37.4*	43.316	N	141.934	E	160	?	3.9	1.1	17	HOKKAIDO, JAPAN REGION
15	18	32	55.3?	0.74	S	136.22	E	33	N	4.3	1.7	9	IRIAN JAYA REGION, INDONESIA
15	18	33	56.7*	40.643	N	21.970	E	10	G	3.9	0.9	24	GREECE
15	18	40	16.2&	45.445	N	0.143	W	5	G		0.9	8	FRANCE. ML 2.5 (LDG).
15	18	41	08.3*	3.447	S	145.427	E	33	N	4.0	1.2	15	NEAR N COAST OF NEW GUINEA, PNG.
15	20	03	24.3*	52.103	N	30.359	W	10	G	4.0	1.1	15	NORTHERN MID-ATLANTIC RIDGE
15	20	34	49.4*	51.640	N	16.176	E	10	G		0.6	15	POLAND
15	21	16	51.8&	62.813	N	149.512	W	75				61	CENTRAL ALASKA. <AEIC>.
15	21	20	40.8?	10.97	S	160.16	E	33	N	4.3	1.5	9	SOLOMON ISLANDS
15	21	39	09.4	42.814	N	2.567	E	10	G		0.8	16	PYRENEES. ML 3.0 (STR), 2.8 (LDG).
15	22	16	54.0?	27.13	S	177.66	W	33	N	4.1	1.5	11	KERMADEC ISLANDS REGION
15	22	41	21.1*	43.253	N	126.549	W	10	G	3.1	0.8	7	OFF COAST OF OREGON
15	23	00	39.0*	0.473	S	135.250	E	33	N	4.3	1.1	11	IRIAN JAYA REGION, INDONESIA
15	23	33	51.0?	16.32	N	98.17	W	33	N	4.3	1.2	24	NEAR COAST OF GUERRERO, MEXICO
15	23	50	23.5*	19.369	N	70.339	W	33	N	3.9	1.1	11	DOMINICAN REPUBLIC REGION
16	00	04	29.5	62.010	N	149.587	W	33	N		0.5	34	CENTRAL ALASKA. ML 3.5 (AEIC), 3.2 (PMR).
16	01	28	54.6*	51.923	N	30.080	W	10	G	4.2	1.0	15	NORTHERN MID-ATLANTIC RIDGE
16	01	39	34.0*	32.666	S	71.624	W	33	N		1.0	11	NEAR COAST OF CENTRAL CHILE
16	01	54	12.3*	5.200	S	153.866	E	205	*	4.3	0.7	22	NEW IRELAND REGION, P.N.G.
16	02	31	43.5*	28.291	N	56.631	E	33	N	4.0	0.8	13	SOUTHERN IRAN
16	02	32	59.9?	52.37	N	29.71	W	10	G		0.8	7	NORTHERN MID-ATLANTIC RIDGE
16	02	55	34.9?	14.57	S	178.09	W	300	G	4.0	0.9	20	FIJI ISLANDS REGION
16	03	24	51.8?	29.17	N	51.43	E	33	N	4.0	1.4	10	SOUTHERN IRAN
16	03	39	45.6*	20.154	S	177.898	W	500	G	4.3	0.8	24	FIJI ISLANDS REGION

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16  04 08 18.5  36.321 N   71.081 E  252 *  4.0      0.7   22  AFGHANISTAN-TAJIKISTAN BORD REG.
16  04 15 30.6* 41.579 S   16.677 W   10 G  5.2 4.4  1.3   50  SOUTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                04:15:35.2; Lat 41.78 S; Lon 16.63 W; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=0.67, Plg=4, Azm=230; (N) Val=0.34, Plg=24, Azm=138;
                                                                (P) Val=-1.00, Plg=66, Azm=329; Best double couple:
                                                                Mo=8.4*10**16 Nm; NP1: Strike=343, Dip=46, Slip=-56; NP2:
                                                                Strike=119, Dip=53, Slip=-120.
16  04 16 09.7*  8.662 S  118.406 E  141    4.5      1.2   34  SUMBAWA REGION, INDONESIA
16  05 09 33.4* 51.626 N   16.242 E   10 G             0.8   22  POLAND
16  05 21 06.9* 36.218 N   71.575 E   33 N  4.0      1.2   13  AFGHANISTAN-TAJIKISTAN BORD REG.
16  06 17 00.6?  5.63  S  145.26  E   83 ?  3.8      1.1    7  EASTERN NEW GUINEA REG., P.N.G.
16  06 19 35.0?  5.87  S  150.01  E   33 N  4.0      0.9    9  NEW BRITAIN REGION, P.N.G. ML 4.2 (PMG).
16  06 33 30.4? 46.06  N  151.64  E   33 N  4.2      0.4    9  KURIL ISLANDS
16  06 46 53.5* 27.139 N  100.625 E   33 N  4.1      0.6   11  YUNNAN, CHINA
16  07 29 01.9  34.420 N   24.900 E   33 N           1.1   25  CRETE
16  07 55 36.4   6.901 N   94.292 E   33 N  4.3      1.2   27  NICOBAR ISLANDS, INDIA
16  08 22 58.6& 44.779 N    7.226 E   10 G             0.6    8  NORTHERN ITALY. ML 2.2 (GEN).
16  09 16 29.8?  5.44  S  131.83  E   33 N  4.8      1.3   26  BANDA SEA
16  09 34 57.4? 64.35  N   18.07  W   10 G  3.9      1.5   11  ICELAND
16  09 54 06.0*  5.192 S  152.880 E   33 N  4.3      0.9   17  NEW BRITAIN REGION, P.N.G.
16  11 42 26.7* 51.604 N   16.310 E   10 G             1.1   12  POLAND
16  11 43 53.3? 11.53  S  166.75  E   33 N  4.1      1.2   15  SANTA CRUZ ISLANDS
16  11 49 43.6* 21.150 S  174.510 W   33 N  4.9      0.8   71  TONGA ISLANDS. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                11:49:47.2; Lat 21.39 S; Lon 174.00 W; Dep 19.2; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=5.30, Plg=73, Azm=293; (N) Val=2.05, Plg=1, Azm=201;
                                                                (P) Val=-7.36, Plg=17, Azm=110; Best double couple:
                                                                Mo=6.3*10**16 Nm; NP1: Strike=199, Dip=28, Slip=88; NP2:
                                                                Strike=21, Dip=62, Slip=91.
16  12 18 35.8* 16.893 N  147.462 E   33 N  4.0      1.0   13  MARIANA ISLANDS REGION
16  12 19 27.3& 36.688 N  121.315 W    5                     37  CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
16  12 24 45.5* 51.953 N   30.148 W   10 G  4.1      0.9   16  NORTHERN MID-ATLANTIC RIDGE
16  12 33 33.3*  1.028 N  121.892 E   69 *  4.6      1.2   22  MINAHASSA PENINSULA, SULAWESI
16  13 02 18.3* 11.956 N  141.299 E  110 ?  4.1      1.1   22  WESTERN CAROLINE ISLANDS
16  13 25 22.9& 43.965 N    8.600 E    5 G             0.8   12  CORSICA
16  13 53 46.0& 44.041 N    7.630 E    5 G             0.9    6  NORTHERN ITALY. ML 2.1 (GEN).
16  14 36 22.3  36.915 N   30.405 E   83     4.4      0.9  104  TURKEY. Felt in Antalya.
16  15 37 04.5* 43.509 N  147.655 E   33 N  4.3      1.3   31  KURIL ISLANDS
16  15 54 56.2& 36.678 N  121.297 W    5                     68  CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (GS), 3.2
                                                                (BRK).
16  16 14 54.3& 36.693 N  121.319 W    5                     60  CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 3.0
                                                                (GS).
16  16 27 34.6?  6.62  S  129.58  E   88 ?  4.0      1.1   16  BANDA SEA
16  16 34 20.7? 23.89  S  179.92  W  500 G  4.1      0.9   15  SOUTH OF FIJI ISLANDS
16  16 40 38.8  40.161 N  142.227 E   33 N  4.7      1.3   57  NEAR EAST COAST OF HONSHU, JAPAN
16  16 47 08.6*  4.152 N  126.568 E   93 *  4.2      1.0   21  TALAUD ISLANDS, INDONESIA
16  16 49 23.4  65.482 N  168.384 W   10 G  3.9      1.0   33  BERING STRAIT
16  17 04 17.3* 21.162 S  174.004 W   33 N  4.4      0.9   21  TONGA ISLANDS
16  17 29 50.1*  3.685 S  144.300 E   33 N  4.0      1.2    9  NEAR N COAST OF NEW GUINEA, PNG.
16  17 36 01.9? 23.02  S  169.29  E   33 N  4.1      1.0   10  LOYALTY ISLANDS REGION
16  18 02 25.7& 45.741 N    4.189 W   10 G             0.6   17  BAY OF BISCAY. ML 2.9 (LDG).
16  18 46 19.6?  5.12  S  154.51  E  117 ?  4.1      0.4   11  SOLOMON ISLANDS
16  18 47 41.0& 37.425 N  118.617 W    9                      6  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
16  20 18 33.0* 29.315 N   51.027 E   33 N  4.3      1.3   40  SOUTHERN IRAN
16  20 21 41.5* 29.408 N   50.893 E   33 N  4.0      0.9   13  SOUTHERN IRAN
16  21 05 46.4* 52.213 N   30.342 W   10 G  4.0      1.4   17  NORTHERN MID-ATLANTIC RIDGE
16  21 08 16.7  26.635 S   70.913 W   33 N  4.6      1.0   28  NEAR COAST OF NORTHERN CHILE
16  22 01 42.3& 34.027 S   70.613 W  100 G             0.9   10  CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
16  22 04 06.2  28.983 N  138.944 E  477 D  5.9      0.9  348  BONIN ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Me 6.4 (GS).
                                                                mb 6.1 (BRK).
                                                               Broadband Source Parameters (GS): NP1: Strike=73, Dip=21,
                                                                Slip=-166; NP2: Strike=330, Dip=85, Slip=-70; Radiated
                                                                energy 7.8*10**13 Nm.
                                                               Moment Tensor (GS): Dep 483; Principal axes (scale 10**19
                                                                Nm): (T) Val=1.21, Plg=32, Azm=36; (N) Val=0.00, Plg=27,
                                                                Azm=145; (P) Val=-1.21, Plg=46, Azm=267; Best double
                                                                couple: Mo=1.2*10**19 Nm; NP1: Strike=74, Dip=28, Slip=-
                                                                163; NP2: Strike=329, Dip=82, Slip=-63.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                22:04:11.9; Lat 29.12 N; Lon 139.12 E; Dep 477.9; Half-
                                                                duration 5.0 sec; Principal axes (scale 10**19 Nm): (T)
                                                                Val=0.97, Plg=35, Azm=34; (N) Val=0.16, Plg=22, Azm=140;
                                                                (P) Val=-1.13, Plg=47, Azm=255; Best double couple:
                                                                Mo=1.1*10**19 Nm; NP1: Strike=68, Dip=23, Slip=-163; NP2:
                                                                Strike=322, Dip=84, Slip=-68.
                                                               Scalar Moment (PPT): Mo=5.6*10**18 Nm.
16  22 29 18.9  28.761 N  139.011 E  477    4.0      0.9   24  BONIN ISLANDS REGION
16  22 39 35.5  32.971 N   60.189 E   16 D  4.2      0.7   21  NORTHERN IRAN
16  22 53 31.7? 30.59  S  178.07  W   33 N  4.6      1.0   17  KERMADEC ISLANDS, NEW ZEALAND
16  22 58 33.9? 52.91  N   30.01  W   10 G  3.8      1.5   10  NORTHERN MID-ATLANTIC RIDGE
16  23 18 37.1& 50.471 N  130.331 W   10 G  4.3           90  VANCOUVER ISLAND REGION. <PGC-P>.
16  23 45 22.6*  2.446 S  140.091 E   33 N  4.0      0.7   11  NEAR NORTH COAST OF IRIAN JAYA
16  23 48 30.9* 51.990 N   30.079 W   10 G  4.1      0.9   14  NORTHERN MID-ATLANTIC RIDGE
16  23 59 57.3& 33.315 N  118.302 W    0                     28  SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS).
17  00 07 42.1  37.391 N   71.711 E  121 D  4.5      0.9   69  AFGHANISTAN-TAJIKISTAN BORD REG.
17  00 38 35.0? 53.70  N  160.47  E   33 N  4.1      0.6   11  NEAR EAST COAST OF KAMCHATKA
17  00 48 17.1*  5.433 S  152.652 E   33 N  4.1      1.5   17  NEW BRITAIN REGION, P.N.G.
17  01 00 30.4* 36.838 N   21.971 E   33 N           1.2   17  SOUTHERN GREECE
17  03 10 22.8& 37.639 N  118.954 W    9                     45  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2
                                                                (GS), 3.1 (BRK).
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17	03	18	22.5&	37.633	N	118.949	W	9					70	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.3 (BRK), 3.3 (GS).
17	03	47	07.6*	33.808	N	25.748	E	33	N			1.1	14	EASTERN MEDITERRANEAN SEA
17	04	20	44.5&	37.638	N	118.931	W	8					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
17	04	59	11.4*	9.325	S	124.836	E	33	N	4.3		1.5	13	TIMOR REGION, INDONESIA
17	05	14	58.5*	51.624	N	16.237	E	10	G			0.9	20	POLAND. ML 3.3 (VIE), 3.0 (MOX).
17	05	20	06.7&	62.931	N	150.611	W	113		2.7			39	CENTRAL ALASKA. <AEIC>.
17	06	16	26.3*	52.130	N	30.286	W	10	G	3.9		1.1	10	NORTHERN MID-ATLANTIC RIDGE
17	06	38	18.8*	38.407	N	20.981	E	33	N	4.1		1.3	25	GREECE
17	07	49	22.5	35.575	N	137.179	E	10	G	3.9		1.3	19	EASTERN HONSHU, JAPAN
17	08	14	07.5*	8.997	N	126.204	E	33	N	4.1		1.2	21	MINDANAO, PHILIPPINE ISLANDS
17	09	00	09.9	52.798	N	158.831	E	86	D	4.5		0.9	74	NEAR EAST COAST OF KAMCHATKA
17	09	05	37.0*	38.255	N	21.160	E	54	*	3.9		1.0	16	GREECE
17	09	18	46.9?	39.89	N	70.74	E	33	N			1.5	9	TAJIKISTAN
17	09	21	20.3?	4.75	S	153.11	E	33	N	4.1		1.3	10	NEW IRELAND REGION, P.N.G.
17	11	04	55.7	16.418	N	96.168	E	23	D	4.1		1.0	20	NEAR SOUTH COAST OF MYANMAR
17	11	20	25.7*	51.480	N	30.830	W	10	G	4.0		1.0	17	NORTHERN MID-ATLANTIC RIDGE
17	11	25	18.7?	15.55	N	98.64	W	33	N	4.0		1.0	10	OFF COAST OF GUERRERO, MEXICO
17	12	06	40.3	39.616	N	73.330	E	33	N	4.1		0.8	22	TAJIKISTAN-XINJIANG BORDER REG.
17	12	25	57.9?	37.07	N	72.22	E	160	?	4.0		1.1	8	TAJIKISTAN
17	12	30	48.2?	20.23	S	178.74	W	500	G	4.1		1.0	11	FIJI ISLANDS REGION
17	12	49	32.8*	13.017	N	89.729	W	66		4.2		1.1	36	EL SALVADOR. Felt (II) at San Salvador.
17	13	17	26.0?	6.39	N	124.08	E	537	?	4.0		0.8	14	MINDANAO, PHILIPPINE ISLANDS
17	13	52	59.9?	52.24	N	29.63	W	10	G	4.1		0.7	20	NORTHERN MID-ATLANTIC RIDGE
17	14	12	55.9	40.630	N	35.415	E	15	D	4.2		1.0	48	TURKEY. Felt in Amasya, Corum, Samsun and Yozgat.
17	14	19	15.9	33.278	S	71.210	W	60	G			0.5	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
17	14	24	11.3?	57.27	S	148.10	E	16	D	4.2		1.7	8	WEST OF MACQUARIE ISLAND
17	14	41	23.4	51.969	N	29.992	W	10	G	3.8		0.7	15	NORTHERN MID-ATLANTIC RIDGE
17	14	48	56.7	14.705	S	167.297	E	164	D	5.8	6.0	0.9	162	VANUATU ISLANDS. Mw 6.7 (GS), 6.7 (HRV). Me 6.4 (GS). Broadband Source Parameters (GS): NP1: Strike=315, Dip=45, Slip=65; NP2: Strike=168, Dip=50, Slip=113; Radiated energy 1.0*10**14 Nm. Moment Tensor (GS): Dep 156; Principal axes (scale 10**19 Nm): (T) Val=1.29, Plg=71, Azm=160; (N) Val=-0.20, Plg=19, Azm=329; (P) Val=-1.09, Plg=3, Azm=60; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=169, Dip=45, Slip=117; NP2: Strike=313, Dip=51, Slip=66. Centroid, Moment Tensor (HRV): Centroid origin time 14:49:04.4; Lat 14.57 S; Lon 167.19 E; Dep 171.4; Half-duration 5.4 sec; Principal axes (scale 10**19 Nm): (T) Val=1.26, Plg=63, Azm=155; (N) Val=-0.02, Plg=27, Azm=336; (P) Val=-1.24, Plg=0, Azm=246; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=311, Dip=51, Slip=54; NP2: Strike=180, Dip=51, Slip=126. Scalar Moment (PPT): Mo=1.7*10**19 Nm.
17	15	53	32.1?	0.56	S	135.05	E	33	N	4.2		1.3	11	IRIAN JAYA REGION, INDONESIA
17	16	17	51.0&	44.318	N	7.423	E	10	G			0.6	6	NORTHERN ITALY. ML 1.7 (GEN).
17	16	32	13.7&	44.466	N	7.245	E	10	G			0.3	6	NORTHERN ITALY. ML 1.9 (GEN).
17	17	13	29.4&	44.566	N	7.187	E	10	G			0.2	9	NORTHERN ITALY. ML 2.1 (GEN).
17	17	58	20.3*	6.269	S	147.904	E	33	N	5.5	6.0	1.7	80	EASTERN NEW GUINEA REG., P.N.G. Mw 6.1 (HRV), 6.0 (GS). ML 6.2 (PMG). Ms 6.0 (BRK). Broadband Source Parameters (GS): Dep 36; NP1: Strike=140, Dip=30, Slip=100; NP2: Strike=308, Dip=61, Slip=84. Moment Tensor (GS): Dep 34; Principal axes (scale 10**18 Nm): (T) Val=1.17, Plg=88, Azm=346; (N) Val=0.05, Plg=1, Azm=101; (P) Val=-1.22, Plg=2, Azm=191; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=282, Dip=43, Slip=91; NP2: Strike=100, Dip=47, Slip=89. Centroid, Moment Tensor (HRV): Centroid origin time 17:58:29.5; Lat 6.46 S; Lon 147.89 E; Dep 35.0 Fix; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.44, Plg=76, Azm=31; (N) Val=0.18, Plg=5, Azm=281; (P) Val=-1.61, Plg=13, Azm=190; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=273, Dip=32, Slip=81; NP2: Strike=104, Dip=58, Slip=96.
17	18	11	08.0?	34.07	S	70.36	W	10	G			0.3	5	CHILE-ARGENTINA BORDER REGION
17	18	31	21.8*	50.670	N	156.110	E	92	D	4.1		1.0	26	KURIL ISLANDS
17	19	25	24.1?	6.28	S	147.41	E	33	N	4.2		0.9	11	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
17	20	04	46.5*	6.289	S	147.878	E	33	N	4.3		1.7	13	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
17	20	11	41.9&	63.169	N	150.344	W	117					31	CENTRAL ALASKA. <AEIC>.
17	21	20	50.0*	84.784	N	2.783	E	10	G	4.0		1.2	26	NORTH OF SVALBARD
17	21	20	51.8	54.016	N	162.757	W	33	N	4.2		1.1	37	ALASKA PENINSULA
17	21	56	39.2	52.074	N	30.612	W	10	G	4.0		0.9	23	NORTHERN MID-ATLANTIC RIDGE
17	23	45	36.6?	12.82	N	89.74	W	99	?	4.2		1.2	12	OFF COAST OF CENTRAL AMERICA
17	23	47	34.8?	22.05	S	114.70	E	10	G			1.1	6	WESTERN AUSTRALIA
17	23	50	46.7*	12.843	N	89.566	W	125	?	4.0		0.9	12	OFF COAST OF CENTRAL AMERICA
18	00	17	17.2*	37.086	N	141.157	E	65	*	4.0		1.0	19	NEAR EAST COAST OF HONSHU, JAPAN
18	00	40	36.9?	6.76	S	148.04	E	33	N	3.9		1.7	11	NEW BRITAIN REGION, P.N.G. ML 3.8 (PMG).
18	01	36	32.7&	60.010	N	152.150	W	67		2.9			50	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
18	02	06	16.9	35.625	N	141.108	E	33	N	4.9	4.3	1.0	121	NEAR EAST COAST OF HONSHU, JAPAN
18	02	14	33.9*	51.761	N	30.156	W	10	G	4.2		1.1	16	NORTHERN MID-ATLANTIC RIDGE
18	02	34	01.8?	3.14	S	136.10	E	33	N	4.1		1.4	9	IRIAN JAYA, INDONESIA
18	03	11	42.7*	29.476	N	51.012	E	33	N	4.0		1.0	27	SOUTHERN IRAN
18	03	15	16.7*	24.027	S	67.972	W	149		4.9		1.5	94	CHILE-ARGENTINA BORDER REGION
18	03	21	50.8&	36.053	N	117.721	W	2					15	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 2.9 (PAS). ML 2.9 (GS).
18	05	53	21.2*	6.815	S	75.364	W	19	D	4.5		0.8	26	NORTHERN PERU
18	06	21	04.6?	0.41	S	135.33	E	20	D	4.3		1.3	14	IRIAN JAYA REGION, INDONESIA
18	06	58	12.5?	36.79	N	71.86	E	175	?			0.9	10	AFGHANISTAN-TAJIKISTAN BORD REG.
18	07	09	23.5*	32.014	S	72.068	W	33	N	4.3		1.0	17	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
18	07	30	06.2	38.096	N	30.278	E	10	G	4.3		1.1	43	TURKEY. Felt at Dinar.
18	08	01	58.3	49.897	N	126.876	W	10	G	4.8	4.3	0.9	227	VANCOUVER ISLAND REGION

18	08	45	33.4%	44.389	N	7.352	E	5	G			0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
18	09	04	49.8	21.569	S	178.072	W	403	D	4.8		0.8	114	FIJI ISLANDS REGION
18	09	21	51.0	27.888	S	66.667	W	157	*	4.2		1.1	38	CATAMARCA PROVINCE, ARGENTINA
18	09	43	39.8*	0.532	S	135.687	E	19	D	4.5	4.2	1.2	19	IRIAN JAYA REGION, INDONESIA
18	10	30	15.6	6.170	S	147.807	E	33	N	5.5	5.6	1.2	101	EASTERN NEW GUINEA REG., P.N.G. Mw 5.8 (HRV), 5.7 (GS). ML 6.0 (PMG). Ms 5.6 (BRK). Broadband Source Parameters (GS): Dep 32; NP1: Strike=280, Dip=30, Slip=80; NP2: Strike=112, Dip=61, Slip=96. Moment Tensor (GS): Dep 31; Principal axes (scale 10**17 Nm): (T) Val=4.47, Plg=76, Azm=21; (N) Val=0.45, Plg=2, Azm=281; (P) Val=-4.93, Plg=14, Azm=191; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=278, Dip=31, Slip=86; NP2: Strike=103, Dip=59, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 10:30:22.9; Lat 6.47 S; Lon 147.90 E; Dep 37.0 Bdy; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=5.98, Plg=76, Azm=352; (N) Val=0.51, Plg=3, Azm=96; (P) Val=-6.49, Plg=14, Azm=187; Best double couple: Mo=6.2*10**17 Nm; NP1: Strike=281, Dip=31, Slip=97; NP2: Strike=94, Dip=59, Slip=86.
18	10	53	00.1%	44.274	N	7.462	E	5	G			0.5	7	NORTHERN ITALY. ML 1.7 (GEN).
18	11	24	30.5?	12.93	N	89.37	W	130	?	4.1		1.5	14	OFF COAST OF CENTRAL AMERICA
18	12	30	22.0*	51.922	N	30.138	W	10	G	4.1		1.1	17	NORTHERN MID-ATLANTIC RIDGE
18	12	50	19.1*	51.873	N	30.148	W	10	G	4.0		0.8	7	NORTHERN MID-ATLANTIC RIDGE
18	13	10	31.0?	20.31	N	145.81	E	33	N	4.1		1.6	8	MARIANA ISLANDS
18	13	12	24.8*	4.472	N	126.792	E	145	?	4.0		1.3	13	TALAUD ISLANDS, INDONESIA
18	13	38	29.1*	59.807	S	23.487	W	32	D	4.2		1.1	18	SOUTH SANDWICH ISLANDS REGION
18	14	06	55.9?	8.82	S	128.80	E	33	N	3.9		1.0	7	TIMOR SEA
18	17	13	21.5?	5.70	S	148.42	E	33	N	3.8		1.4	7	NEW BRITAIN REGION, P.N.G. ML 3.8 (PMG).
18	17	18	49.5*	43.670	N	147.582	E	33	N	4.0		1.1	11	KURIL ISLANDS
18	19	56	31.6	12.792	N	123.297	E	33	N	4.5	4.5	1.1	44	LUZON, PHILIPPINE ISLANDS
18	21	14	03.1*	45.410	N	150.143	E	33	N	4.3		0.7	31	KURIL ISLANDS
18	21	43	52.7*	0.951	S	135.939	E	33	N	4.4		1.2	15	IRIAN JAYA REGION, INDONESIA
18	21	59	33.6?	3.63	S	149.95	E	101	?	4.0		1.3	16	BISMARCK SEA
18	22	05	06.0	43.230	N	147.044	E	33	N	5.0		0.8	111	KURIL ISLANDS
18	22	06	57.6?	7.29	S	131.91	E	33	N	4.4		1.6	14	TANIMBAR ISLANDS REG., INDONESIA
18	22	49	40.5*	2.640	N	66.395	E	10	G	4.5		1.2	19	CARLSBERG RIDGE
18	22	58	28.4%	33.537	S	69.989	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
19	00	00	39.8&	60.890	N	150.660	W	41		3.8			109	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.1 (AEIC), 4.0 (PMR). Felt at Anchorage and Tyonek.
19	00	05	35.7*	51.926	N	29.888	W	10	G	3.8		1.0	8	NORTHERN MID-ATLANTIC RIDGE
19	01	35	57.2	51.927	N	30.097	W	10	G	4.0		1.1	23	NORTHERN MID-ATLANTIC RIDGE
19	01	50	04.5*	3.208	S	138.734	E	61	?	4.6		1.5	23	IRIAN JAYA, INDONESIA
19	01	51	02.4*	51.464	N	30.448	W	10	G	4.0		1.1	20	NORTHERN MID-ATLANTIC RIDGE
19	01	56	52.3	6.808	N	73.139	W	164	D	4.3		0.9	38	NORTHERN COLOMBIA
19	04	17	50.3*	52.023	N	30.182	W	10	G	4.0		1.0	24	NORTHERN MID-ATLANTIC RIDGE
19	04	27	35.4?	42.61	N	146.55	E	33	N	4.2		1.5	10	OFF COAST OF HOKKAIDO, JAPAN
19	04	28	44.0?	9.28	S	125.74	E	33	N	4.3		1.3	13	TIMOR REGION, INDONESIA
19	05	09	51.3*	51.670	N	16.041	E	10	G			1.3	9	POLAND
19	06	09	53.5*	18.912	S	67.433	E	10	G	4.2		1.0	17	MID-INDIAN RIDGE
19	06	15	14.7&	60.270	N	150.980	W	60		2.6			44	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
19	07	25	06.4*	24.061	N	122.309	E	33	N	4.8		1.2	67	TAIWAN REGION. Felt in northeastern Taiwan.
19	07	33	28.1	23.998	N	122.221	E	33	N	4.9	5.1	1.0	86	TAIWAN REGION
19	10	48	38.8?	24.95	N	96.42	E	33	N	4.4	3.8	1.4	33	MYANMAR
19	12	35	40.6	10.613	S	161.258	E	86	*	4.8		0.8	54	SOLOMON ISLANDS
19	13	34	25.4?	1.55	N	126.82	E	33	N	3.8		1.0	9	NORTHERN MOLUCCA SEA
19	14	05	28.6*	3.330	S	149.917	E	33	N	4.3		1.5	20	BISMARCK SEA
19	14	06	54.6?	17.56	N	105.69	W	33	N	4.2		1.2	24	OFF COAST OF JALISCO, MEXICO
19	15	00	26.0	39.993	N	76.696	E	28	D	5.7	6.0	1.0	273	SOUTHERN XINJIANG, CHINA. Mw 6.3 (HRV), 6.1 (GS). Me 5.7 (GS). At least twenty-four people killed, 128 injured and more than 15,314 houses destroyed in the Artux-Jiashi area. Also felt in the Bachu, Kashi, Wuqia and Yecheng areas. Broadband Source Parameters (GS): Dep 12; NP1: Strike=45, Dip=63, Slip=120; NP2: Strike=173, Dip=39, Slip=46; Radiated energy 8.8*10**12 Nm. Two events about 8 seconds apart. Moment Tensor (GS): Dep 19; Principal axes (scale 10**18 Nm): (T) Val=1.48, Plg=66, Azm=12; (N) Val=-0.01, Plg=19, Azm=233; (P) Val=-1.47, Plg=15, Azm=137; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=203, Dip=34, Slip=55; NP2: Strike=63, Dip=62, Slip=111. Centroid, Moment Tensor (HRV): Centroid origin time 15:00:36.3; Lat 39.93 N; Lon 76.80 E; Dep 22.2; Half-duration 3.9 sec; Principal axes (scale 10**18 Nm): (T) Val=3.63, Plg=68, Azm=325; (N) Val=-0.07, Plg=8, Azm=75; (P) Val=-3.57, Plg=20, Azm=169; Best double couple: Mo=3.6*10**18 Nm; NP1: Strike=273, Dip=26, Slip=109; NP2: Strike=72, Dip=66, Slip=81.
19	15	12	31.7	40.016	N	76.701	E	33	N	4.4		1.1	30	KYRGYZSTAN-XINJIANG BORDER REG.
19	15	31	36.4	25.006	N	109.329	W	10	G	5.0		1.2	127	GULF OF CALIFORNIA. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:31:43.6; Lat 25.51 N; Lon 109.16 W; Dep 15.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.24, Plg=15, Azm=270; (N) Val=-0.08, Plg=58, Azm=26; (P) Val=-5.16, Plg=27, Azm=172; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=314, Dip=60, Slip=-171; NP2: Strike=219, Dip=82, Slip=-31.
19	16	32	54.0?	39.85	N	76.76	E	33	N	4.1		0.5	7	SOUTHERN XINJIANG, CHINA
19	17	12	43.0	15.850	N	97.306	W	33	N	5.8	5.2	1.1	277	NEAR COAST OF OAXACA, MEXICO. Mw 5.9 (HRV). Felt at Mexico City. Centroid, Moment Tensor (HRV): Centroid origin time 17:12:45.8; Lat 16.14 N; Lon 96.79 W; Dep 15.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T)

Val=5.82, Plg=49, Azm=40; (N) Val=2.19, Plg=16, Azm=291; (P) Val=-8.01, Plg=37, Azm=189; Best double couple: Mo=6.9*10**17 Nm; NP1: Strike=224, Dip=17, Slip=22; NP2: Strike=113, Dip=84, Slip=106.

19	17	24	09.3*	52.038	N	29.943	W	10	G	4.1	0.9	11	NORTHERN MID-ATLANTIC RIDGE
19	17	32	24.1*	40.060	N	76.466	E	33	N	3.9	1.5	9	KYRGYZSTAN-XINJIANG BORDER REG.
19	18	44	07.9*	39.887	N	76.897	E	33	N	4.0	1.2	19	SOUTHERN XINJIANG, CHINA
19	20	34	09.6&	44.206	N	7.527	E	5	G		0.6	6	NORTHERN ITALY. ML 1.6 (GEN).
19	21	47	26.6*	44.546	N	148.204	E	33	N	3.8	0.7	9	KURIL ISLANDS
19	21	48	29.8?	6.58	S	129.57	E	33	N	4.4	1.4	20	BANDA SEA
19	23	30	34.4?	51.81	N	30.00	W	10	G		1.6	9	NORTHERN MID-ATLANTIC RIDGE
20	00	14	52.3	40.086	N	76.769	E	21	D	4.6	1.1	46	KYRGYZSTAN-XINJIANG BORDER REG.
20	00	23	06.0	43.574	N	8.457	E	10	G		1.0	12	CORSICA. ML 2.7 (GEN), 2.2 (LDG).
20	00	46	49.4?	24.16	S	176.52	W	33	N	4.4	1.4	15	SOUTH OF FIJI ISLANDS
20	01	26	53.3	45.504	N	150.092	E	53	D	4.3	0.9	50	KURIL ISLANDS
20	01	54	53.7?	28.40	N	51.41	E	41	D	3.9	1.5	11	SOUTHERN IRAN
20	02	11	21.9	42.182	N	87.627	E	25	D	4.8	0.8	66	NORTHERN XINJIANG, CHINA
20	02	38	28.2*	3.972	S	129.314	E	129	?	4.2	1.0	12	SERAM, INDONESIA
20	03	03	41.0?	54.04	N	156.23	W	33	N	3.3	0.9	6	SOUTH OF ALASKA
20	03	11	23.1*	41.263	N	140.244	E	33	N	3.9	1.0	16	HOKKAIDO, JAPAN REGION
20	03	42	47.6*	11.320	S	118.287	E	33	N	4.1	1.5	9	SOUTH OF SUMBAWA, INDONESIA
20	04	25	13.0	34.180	N	137.788	E	309		4.2	0.7	30	NEAR S. COAST OF HONSHU, JAPAN
20	04	44	46.4*	15.993	N	97.128	W	33	N	4.3	1.2	29	NEAR COAST OF OAXACA, MEXICO
20	04	46	44.6?	0.30	S	136.97	E	33	N	4.2	1.0	11	IRIAN JAYA REGION, INDONESIA
20	04	53	01.2	65.884	N	134.916	W	10	G		1.4	10	NORTHERN YUKON TERRITORY, CANADA
20	04	53	27.0	15.960	N	97.258	W	33	N	5.3 4.5	1.0	158	NEAR COAST OF OAXACA, MEXICO. Mw 5.4 (HRV). Ms 4.5 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 04:53:25.9; Lat 16.15 N; Lon 97.72 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.22, Plg=56, Azm=51; (N) Val=-0.03, Plg=6, Azm=312; (P) Val=-1.19, Plg=33, Azm=218; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=283, Dip=13, Slip=60; NP2: Strike=133, Dip=79, Slip=96.
20	05	03	09.3*	31.901	N	115.807	W	5	G		0.8	13	BAJA CALIFORNIA, MEXICO. ML 4.0 (GS).
20	05	22	16.1*	48.397	N	154.253	E	33	N	4.6	1.0	12	KURIL ISLANDS
20	07	37	59.7&	34.362	N	118.615	W	13		3.8		80	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.1 (PAS). ML 4.1 (BRK), 4.0 (GS). Felt in the San Fernando area.
20	07	40	43.6&	34.364	N	118.607	W	10				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
20	08	03	26.6?	0.83	S	135.48	E	33	N	4.1	1.0	18	IRIAN JAYA REGION, INDONESIA
20	08	30	00.0&	36.692	N	121.319	W	5				80	CENTRAL CALIFORNIA. <GM-P>. Mw 3.6 (BRK). MD 3.6 (GM). ML 3.6 (GS), 3.5 (BRK). Scalar Moment (BRK): Mo=3.0*10**14 Nm.
20	10	03	49.5*	31.844	S	70.008	W	150	G		0.5	13	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
20	10	09	12.5?	12.60	N	88.40	W	168	?	4.0	0.7	14	OFF COAST OF CENTRAL AMERICA
20	10	26	53.2*	5.385	S	152.531	E	33	N	4.4	0.9	22	NEW BRITAIN REGION, P.N.G.
20	10	32	40.3*	5.339	S	152.594	E	33	N	4.2	1.0	17	NEW BRITAIN REGION, P.N.G.
20	11	48	41.7*	36.911	N	36.013	E	10	G	3.9	0.7	11	JORDAN - SYRIA REGION
20	12	20	59.7?	25.66	S	179.13	W	500	G	4.4	1.1	17	SOUTH OF FIJI ISLANDS
20	12	27	43.6*	3.733	S	102.965	E	33	N	4.5	1.1	19	SOUTHERN SUMATERA, INDONESIA
20	12	49	17.1?	32.40	S	179.50	E	500	G	4.5	0.8	20	SOUTH OF KERMADEC ISLANDS
20	12	51	05.6?	30.10	N	88.47	E	33	N	4.0	1.4	9	XIZANG
20	12	56	52.9	19.221	N	66.746	W	33	N	4.1	0.7	15	PUERTO RICO REGION
20	13	43	33.3*	51.598	N	29.577	W	10	G	4.1	1.0	13	NORTHERN MID-ATLANTIC RIDGE
20	13	57	19.7	51.880	N	30.106	W	10	G	4.1	0.9	19	NORTHERN MID-ATLANTIC RIDGE
20	14	30	41.0	37.756	N	142.132	E	46	D	4.1	0.9	28	OFF EAST COAST OF HONSHU, JAPAN
20	14	37	02.4*	67.915	N	159.672	W	10	G		0.4	6	NORTHERN ALASKA. ML 3.3 (PMR).
20	14	56	20.6*	27.883	N	140.076	E	33	N	4.0	1.1	17	BONIN ISLANDS REGION
20	17	16	06.0*	0.640	S	67.494	E	10	G	4.4	0.9	9	CARLSBERG RIDGE
20	17	35	47.9	21.310	S	175.608	W	58	D	4.7	0.8	43	TONGA ISLANDS
20	17	59	12.8&	34.890	N	132.070	E	33	N		1.4	6	WESTERN HONSHU, JAPAN
20	18	08	41.8	15.980	N	97.220	W	33	N	5.2 4.5	1.0	103	NEAR COAST OF OAXACA, MEXICO. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:08:39.0; Lat 15.76 N; Lon 96.83 W; Dep 25.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.43, Plg=55, Azm=33; (N) Val=0.28, Plg=11, Azm=287; (P) Val=-9.71, Plg=32, Azm=190; Best double couple: Mo=9.6*10**16 Nm; NP1: Strike=246, Dip=16, Slip=47; NP2: Strike=109, Dip=78, Slip=101.
20	18	40	40.7*	22.695	N	94.065	E	129	*	4.3	1.2	20	MYANMAR
20	19	14	03.4	27.990	N	130.117	E	33	N	4.2	1.1	29	RYUKYU ISLANDS
20	19	21	14.6	52.215	N	29.967	W	10	G	4.3	0.9	47	NORTHERN MID-ATLANTIC RIDGE
20	19	51	28.8*	17.574	S	174.836	W	33	N	4.2	1.2	17	TONGA ISLANDS
20	20	27	13.6	51.860	N	30.143	W	10	G	4.3	1.1	46	NORTHERN MID-ATLANTIC RIDGE
20	21	06	33.6?	10.72	S	163.60	E	33	N	4.2	1.2	15	SOLOMON ISLANDS
20	22	03	53.2*	45.410	N	150.655	E	33	N	4.0	0.7	10	KURIL ISLANDS
20	22	22	42.7	50.960	N	30.015	W	10	G	5.1 4.7	1.0	106	NORTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:22:45.6; Lat 50.89 N; Lon 29.57 W; Dep 15.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.52, Plg=25, Azm=268; (N) Val=-1.90, Plg=11, Azm=3; (P) Val=-6.62, Plg=62, Azm=115; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=335, Dip=22, Slip=-121; NP2: Strike=187, Dip=71, Slip=-78.
20	22	24	04.4	29.474	N	50.992	E	33	N	4.5 4.3	1.1	34	SOUTHERN IRAN
20	22	30	59.1	44.364	N	7.251	E	5	G		0.5	11	NORTHERN ITALY. ML 2.2 (GEN), 2.0 (LDG).
20	22	54	57.7*	41.505	N	142.221	E	63		4.0	0.8	17	HOKKAIDO, JAPAN REGION
20	23	10	07.3*	36.473	N	28.340	E	102	?	3.9	1.0	22	DODECANESE ISLANDS
20	23	28	24.1?	19.09	S	175.20	W	33	N	4.4	1.5	16	TONGA ISLANDS
21	02	02	11.8&	40.446	N	124.652	W	6				22	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
21	02	49	00.3?	21.60	N	143.10	E	304	*	3.8	1.0	12	MARIANA ISLANDS REGION
21	04	11	18.2*	52.192	N	30.109	W	10	G	3.7	1.4	13	NORTHERN MID-ATLANTIC RIDGE
21	04	15	12.2*	0.140	N	123.178	E	199	D	4.4	1.2	22	MINAHASSA PENINSULA, SULAWESI
21	04	18	03.8*	51.971	N	29.581	W	10	G	3.4	1.2	12	NORTHERN MID-ATLANTIC RIDGE

21	04	21	33.9*	31.081	S	179.994	E	434	D	4.2	1.3	20	KERMADEC ISLANDS REGION
21	04	32	27.1	39.852	N	69.418	E	33	N	4.5	1.0	44	TAJIKISTAN
21	05	01	20.3*	36.236	N	21.894	E	10	G	3.8	1.3	18	SOUTHERN GREECE
21	05	05	06.7*	10.918	S	165.887	E	49	D	4.7	1.0	22	SANTA CRUZ ISLANDS
21	05	07	12.8	51.968	N	29.954	W	10	G	4.6	1.2	93	NORTHERN MID-ATLANTIC RIDGE
21	06	04	15.7*	30.187	N	87.933	E	33	N	4.0	0.5	11	XIZANG
21	06	17	44.6?	39.84	N	25.59	E	10	G		0.8	8	AEGEAN SEA
21	07	43	07.7?	0.74	S	121.47	E	33	N	3.5	1.4	9	MINAHASSA PENINSULA, SULAWESI
21	07	55	46.6&	61.514	N	149.978	W	37				90	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.6 (PMR). Felt at Anchorage, Eagle River and Palmer.
21	08	19	39.4*	51.072	N	30.980	W	10	G	3.4	1.0	8	NORTHERN MID-ATLANTIC RIDGE
21	08	25	40.7?	17.34	N	86.60	W	33	N	4.0	1.4	11	CARIBBEAN SEA
21	08	33	32.8	52.185	N	30.200	W	10	G	3.8	0.9	21	NORTHERN MID-ATLANTIC RIDGE
21	08	41	01.8	8.973	N	126.450	E	88	*	4.7	1.2	53	MINDANAO, PHILIPPINE ISLANDS
21	09	01	40.6*	9.020	N	126.828	E	26	*	4.2	1.1	21	MINDANAO, PHILIPPINE ISLANDS
21	10	08	58.5*	31.796	S	69.237	W	10	G	3.7	1.1	5	SAN JUAN PROVINCE, ARGENTINA
21	11	00	09.8?	52.82	N	152.43	E	554	?	3.3	0.5	10	NORTHWEST OF KURIL ISLANDS
21	11	48	19.1*	31.971	S	67.812	W	130	*	3.4	1.0	13	SAN JUAN PROVINCE, ARGENTINA
21	12	11	09.9	51.379	N	178.645	W	33	N	4.2	1.1	41	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
21	13	02	19.6	40.244	N	29.567	E	10	G	3.9	1.2	23	TURKEY
21	14	21	33.0*	11.485	N	60.327	W	63	*	4.3	1.0	16	WINDWARD ISLANDS. MD 3.9 (TRN).
21	15	00	30.8?	30.29	N	88.42	E	33	N	3.9	1.3	10	XIZANG
21	15	09	16.4*	39.943	N	77.117	E	33	N	4.0	1.2	13	SOUTHERN XINJIANG, CHINA
21	15	34	35.7&	34.412	S	70.133	W	5	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
21	15	41	20.9?	47.85	N	15.69	E	10	G		1.6	5	AUSTRIA. ML 2.8 (VIE). Felt (IV) at Mitterdorf.
21	15	43	15.0	14.662	S	167.912	E	33	N	4.9 5.1	1.0	88	VANUATU ISLANDS. Mw 5.6 (HRV). Ms 4.9 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 15:43:18.0; Lat 14.51 S; Lon 167.93 E; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.87, Plg=70, Azm=302; (N) Val=-0.07, Plg=14, Azm=171; (P) Val=-2.80, Plg=15, Azm=78; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=149, Dip=32, Slip=64; NP2: Strike=359, Dip=61, Slip=106. Scalar Moment (PPT): Mo=4.8*10**17 Nm.
21	16	30	48.8	51.687	N	16.131	E	15		3.3	1.1	25	POLAND. ML 3.7 (VIE), 3.6 (GRF).
21	17	28	00.6*	55.150	S	28.257	W	10	G	4.3	0.8	10	SOUTH SANDWICH ISLANDS REGION
21	17	59	17.5*	9.065	N	126.583	E	68	?	4.6	1.2	28	MINDANAO, PHILIPPINE ISLANDS
21	18	02	13.1*	21.219	S	68.370	W	144	?	4.1	1.1	11	CHILE-BOLIVIA BORDER REGION
21	18	06	51.7	51.476	N	6.627	E	10	G		0.3	11	GERMANY. ML 2.9 (LDG).
21	18	38	01.4*	5.121	S	152.532	E	33	N	3.9	0.7	14	NEW BRITAIN REGION, P.N.G.
21	19	05	47.0	50.818	N	30.004	W	33	N	4.3	0.9	42	NORTHERN MID-ATLANTIC RIDGE
21	19	09	39.8*	6.914	S	128.616	E	33	N	3.9	1.4	12	BANDA SEA
21	19	17	31.8*	36.735	N	22.155	E	33	N	3.7	0.9	9	SOUTHERN GREECE
21	19	31	25.1?	1.61	N	102.63	W	10	G	3.7	0.5	7	EAST CENTRAL PACIFIC OCEAN
21	19	36	59.4&	33.693	S	69.987	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
21	19	47	19.2?	34.42	S	70.17	W	10	G		1.1	8	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
21	19	52	59.0	0.347	N	119.633	E	69		4.8	1.2	41	MINAHASSA PENINSULA, SULAWESI
21	20	01	10.6*	23.124	N	144.086	E	33	N	3.9	0.5	9	VOLCANO ISLANDS REGION
21	20	18	24.5*	47.095	N	11.340	E	10	G		1.0	6	AUSTRIA. ML 2.1 (VIE). Felt (III) at Gschnitz.
21	20	19	30.6	51.630	N	16.190	E	10	G	3.1	0.9	18	POLAND. ML 3.3 (GRF), 2.6 (CLL).
21	21	10	58.6?	23.26	S	179.71	W	584	?	4.7	1.3	28	SOUTH OF FIJI ISLANDS
21	21	18	55.1&	33.509	S	70.256	W	100	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
21	21	22	22.2&	44.327	N	7.366	E	10	G		0.5	6	NORTHERN ITALY. ML 1.9 (GEN).
21	21	27	22.8*	9.020	N	126.543	E	33	N	4.5	1.0	25	MINDANAO, PHILIPPINE ISLANDS
21	21	43	26.5	8.977	N	126.603	E	73	*	4.8	1.1	49	MINDANAO, PHILIPPINE ISLANDS
21	21	48	13.3	53.362	N	142.705	E	33	N	4.4	0.9	25	SAKHALIN ISLAND
21	22	29	07.4&	36.695	N	121.322	W	4				56	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
21	22	34	04.8?	26.35	N	98.45	E	10	D	4.3	1.0	7	MYANMAR-CHINA BORDER REGION
21	22	44	10.0*	50.750	N	30.098	W	23	D	4.1	0.9	19	NORTHERN MID-ATLANTIC RIDGE
21	23	23	16.7?	21.25	S	179.17	W	500	G	4.4	1.5	25	FIJI ISLANDS REGION
22	01	35	37.0&	33.410	S	71.353	W	50	?		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.0 (SAN).
22	02	09	47.6?	4.97	S	152.50	E	33	N	3.5	1.1	8	NEW BRITAIN REGION, P.N.G.
22	03	24	20.0	51.221	N	178.695	E	20	G	5.7 6.6	1.2	477	RAT ISLANDS, ALEUTIAN ISLANDS. Mw 6.8 (GS), 6.7 (HRV). Me 6.3 (GS). ML 6.6 (PMR). Ms 6.5 (BRK). Felt on Adak. Broadband Source Parameters (GS): Dep 20; NP1: Strike=300, Dip=45, Slip=100; NP2: Strike=106, Dip=46, Slip=80; Radiated energy 6.7*10**13 Nm. Two events about 2.0 seconds apart. Moment Tensor (GS): Dep 7; Principal axes (scale 10**19 Nm): (T) Val=1.67, Plg=60, Azm=331; (N) Val=0.02, Plg=1, Azm=63; (P) Val=-1.69, Plg=30, Azm=153; Best double couple: Mo=1.7*10**19 Nm; NP1: Strike=247, Dip=15, Slip=94; NP2: Strike=62, Dip=75, Slip=89. Centroid, Moment Tensor (HRV): Centroid origin time 03:24:28.0; Lat 51.24 N; Lon 178.72 E; Dep 19.1; Half-duration 5.6 sec; Principal axes (scale 10**19 Nm): (T) Val=1.38, Plg=64, Azm=329; (N) Val=0.07, Plg=7, Azm=73; (P) Val=-1.45, Plg=25, Azm=166; Best double couple: Mo=1.4*10**19 Nm; NP1: Strike=271, Dip=21, Slip=109; NP2: Strike=71, Dip=70, Slip=83. Scalar Moment (PPT): Mo=2.0*10**19 Nm.
22	03	28	32.8	51.162	N	178.648	E	33	N	5.0	1.1	50	RAT ISLANDS, ALEUTIAN ISLANDS
22	03	36	13.0*	51.138	N	178.824	E	33	N	4.4	1.1	22	RAT ISLANDS, ALEUTIAN ISLANDS
22	03	37	14.3*	51.139	N	178.633	E	33	N	3.9	0.6	8	RAT ISLANDS, ALEUTIAN ISLANDS
22	03	46	05.1	51.233	N	178.712	E	33	N	4.2	0.8	39	RAT ISLANDS, ALEUTIAN ISLANDS
22	03	49	02.5	51.264	N	178.818	E	33	N	4.8	0.8	100	RAT ISLANDS, ALEUTIAN ISLANDS
22	03	54	14.8&	51.205	N	178.582	E	33	N	4.2	0.7	16	RAT ISLANDS, ALEUTIAN ISLANDS
22	04	01	42.7	51.088	N	178.820	E	33	N	5.2	0.9	233	RAT ISLANDS, ALEUTIAN ISLANDS. Felt on Adak.
22	04	11	11.2	51.070	N	178.905	E	33	N	4.4	0.8	31	RAT ISLANDS, ALEUTIAN ISLANDS
22	04	18	40.3?	44.74	N	7.14	E	5	G		0.4	4	NORTHERN ITALY. ML 1.8 (GEN).
22	04	21	22.3	51.172	N	178.753	E	33	N	4.7	0.8	98	RAT ISLANDS, ALEUTIAN ISLANDS
22	04	39	10.7?	51.38	N	178.55	E	33	N	3.6	1.4	6	RAT ISLANDS, ALEUTIAN ISLANDS
22	04	46	08.1	51.153	N	178.747	E	33	N	4.6	0.9	93	RAT ISLANDS, ALEUTIAN ISLANDS

22	05	09	33.7	37.232	N	142.129	E	10	G	4.2	1.0	33	OFF EAST COAST OF HONSHU, JAPAN
22	05	13	52.3*	51.084	N	178.760	E	33	N	4.0	0.9	11	RAT ISLANDS, ALEUTIAN ISLANDS
22	05	19	11.8?	1.59	S	137.57	E	33	N	4.0	1.2	8	NEAR NORTH COAST OF IRIAN JAYA
22	05	20	53.1	51.206	N	178.805	E	33	N	4.4	0.6	44	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
22	05	26	59.9	51.269	N	178.889	E	33	N	5.0 5.8	1.0	172	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.6 (PMR).
22	05	27	52.9*	7.646	S	117.318	E	298	*	4.4	1.0	19	BALI SEA
22	05	31	36.4	51.112	N	178.958	E	33	N	4.3	0.9	28	RAT ISLANDS, ALEUTIAN ISLANDS
22	07	06	23.0?	3.65	S	130.95	E	33	N	3.5	1.3	7	SERAM, INDONESIA
22	07	10	43.1	51.290	N	178.787	E	33	N	4.4	0.8	68	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
22	07	13	08.2*	51.048	N	178.871	E	33	N	3.9	0.6	9	RAT ISLANDS, ALEUTIAN ISLANDS
22	07	18	46.4*	51.121	N	178.577	E	33	N	3.7	0.7	15	RAT ISLANDS, ALEUTIAN ISLANDS
22	07	32	24.2*	51.073	N	178.825	E	33	N	4.0	0.9	25	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
22	08	06	55.1?	12.79	N	87.68	W	33	N	4.1	1.4	13	NEAR COAST OF NICARAGUA
22	08	26	38.4	40.001	N	76.749	E	33	N	5.0 4.8	0.9	127	KYRGYZSTAN-XINJIANG BORDER REG.
22	08	50	32.0*	51.026	N	178.764	E	33	N	3.5	1.0	11	RAT ISLANDS, ALEUTIAN ISLANDS
22	09	03	27.4*	22.044	N	143.938	E	114	*	4.5	0.8	24	VOLCANO ISLANDS REGION
22	09	06	47.7	51.173	N	178.798	E	33	N	4.7 4.8	1.2	82	RAT ISLANDS, ALEUTIAN ISLANDS
22	09	08	38.5	51.057	N	178.666	E	33	N	4.5	1.1	37	RAT ISLANDS, ALEUTIAN ISLANDS
22	09	12	34.6	51.113	N	178.680	E	33	N	4.6	0.9	72	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
22	09	22	02.2	37.938	N	1.434	W	10	G		0.9	30	SPAIN. mbLg 3.5 (MDD). Felt (IV) in the Alhama de Murcia area.
22	09	39	00.0*	44.045	S	167.339	E	56	?	4.2	1.0	16	SOUTH ISLAND, NEW ZEALAND
22	09	51	26.2*	3.370	S	146.811	E	33	N	4.1	0.8	12	BISMARCK SEA
22	10	30	29.5	16.254	N	97.863	W	56	*	4.7	1.0	76	OAXACA, MEXICO
22	10	32	19.9*	9.341	S	112.758	E	101	*	3.9	1.4	16	SOUTH OF JAWA, INDONESIA
22	10	34	15.7?	45.18	N	25.48	E	10	G		1.6	4	ROMANIA
22	11	06	01.1*	12.634	N	89.599	W	33	N	4.2	1.4	18	OFF COAST OF CENTRAL AMERICA
22	11	17	37.2*	23.255	N	143.731	E	33	N	3.8	1.2	11	VOLCANO ISLANDS REGION
22	11	21	00.7*	11.449	N	86.699	W	85	*	4.4	1.1	40	NEAR COAST OF NICARAGUA
22	11	38	17.8	44.630	N	148.165	E	33	N	3.8	0.9	19	KURIL ISLANDS
22	13	30	08.0*	46.738	N	151.615	E	33	N	3.6	0.9	14	KURIL ISLANDS
22	14	28	40.1	49.188	N	6.707	E	10	G		1.0	12	GERMANY. Mining induced event in the Lorraine region, France.
22	14	44	14.2*	51.170	N	178.843	E	33	N	4.1	1.0	15	RAT ISLANDS, ALEUTIAN ISLANDS
22	14	46	27.1	51.131	N	178.850	E	33	N	4.3	0.9	53	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR).
22	15	09	13.1	42.873	N	2.978	E	10	G		0.7	16	PYRENEES. ML 3.0 (LDG), 2.9 (STR).
22	15	28	28.8	40.274	N	25.956	E	10	G	3.8	0.9	43	AEGEAN SEA
22	15	31	57.2?	54.97	N	165.41	E	33	N	3.6	1.0	6	KOMANDORSKY ISLANDS REGION
22	15	33	35.0	51.623	N	16.185	E	21		3.3	0.9	25	POLAND. ML 3.6 (VIE), 3.4 (MOX).
22	15	38	23.5	51.117	N	178.757	E	33	N	4.7 4.2	0.9	100	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).
22	15	55	06.9*	19.399	N	145.731	E	202	*	3.6	0.9	17	MARIANA ISLANDS
22	16	04	23.3*	7.756	N	77.111	W	36	D	3.8	1.2	11	PANAMA-COLOMBIA BORDER REGION
22	16	13	08.5*	51.178	N	179.029	E	33	N	3.8	0.8	11	RAT ISLANDS, ALEUTIAN ISLANDS
22	16	26	51.8&	33.731	S	70.412	W	15	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
22	16	35	25.4*	3.764	S	140.405	E	74	*	3.8	1.3	13	IRIAN JAYA, INDONESIA
22	16	39	06.5&	62.080	N	149.120	W	11		2.5		68	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
22	16	54	05.8?	32.11	S	68.81	W	70	G		1.2	12	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
22	17	17	04.9	51.209	N	178.781	E	33	N	4.5	1.0	64	RAT ISLANDS, ALEUTIAN ISLANDS
22	17	31	06.3	35.241	S	179.212	W	33	N	5.6 5.7	1.0	115	EAST OF NORTH ISLAND, N.Z. Mw 5.8 (GS), 5.8 (HRV). Ms 5.7 (BRK). Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm): (T) Val=5.38, Plg=32, Azm=257; (N) Val=0.02, Plg=5, Azm=350; (P) Val=-5.40, Plg=57, Azm=88; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=328, Dip=14, Slip=-112; NP2: Strike=171, Dip=78, Slip=-85. Centroid, Moment Tensor (HRV): Centroid origin time 17:31:06.4; Lat 35.17 S; Lon 178.36 W; Dep 15.0 Bdy; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.88, Plg=8, Azm=288; (N) Val=-1.02, Plg=18, Azm=196; (P) Val=-4.86, Plg=70, Azm=41; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=38, Dip=40, Slip=-62; NP2: Strike=183, Dip=55, Slip=-112. Scalar Moment (PPT): Mo=1.1*10**18 Nm.
22	17	57	49.4	6.272	S	128.363	E	337		4.5	1.1	53	BANDA SEA
22	18	15	44.8	19.478	N	105.116	W	33	N	4.1	1.3	18	NEAR COAST OF JALISCO, MEXICO
22	18	45	25.8	26.399	S	13.690	W	10	G	5.1 5.2	0.9	113	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:45:33.2; Lat 26.59 S; Lon 13.72 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.33, Plg=8, Azm=255; (N) Val=-0.13, Plg=22, Azm=349; (P) Val=-2.20, Plg=66, Azm=147; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=322, Dip=42, Slip=-125; NP2: Strike=184, Dip=57, Slip=-63.
22	19	35	41.7?	51.15	N	179.32	E	33	N	3.8	0.7	6	RAT ISLANDS, ALEUTIAN ISLANDS
22	19	46	35.5?	51.54	N	170.66	W	33	N	3.3	1.0	5	FOX ISLANDS, ALEUTIAN ISLANDS
22	19	49	23.3?	52.15	N	169.18	W	33	N	3.5	0.9	8	FOX ISLANDS, ALEUTIAN ISLANDS
22	20	22	12.5&	41.690	N	71.242	W	12				12	SOUTHERN NEW ENGLAND. <WES-P>. MD 3.1 (WES). mbLg 3.1 (GS), 3.0 (OTT). Felt in parts of southeastern Massachusetts and in parts of Rhode Island.
22	20	53	00.6&	46.029	N	7.372	E	10	G		0.4	9	SWITZERLAND. ML 2.3 (LDG).
22	21	01	15.7?	32.63	N	139.04	E	207	*	3.8	1.0	12	SOUTH OF HONSHU, JAPAN
22	22	03	37.1	63.300	N	154.293	W	10	G		0.6	47	CENTRAL ALASKA. ML 3.3 (AEIC).
22	22	04	59.6	24.378	S	69.475	W	78	D	4.2	0.8	21	NORTHERN CHILE
22	22	37	00.7?	46.49	N	0.83	E	10	G		0.3	5	FRANCE. ML 2.0 (LDG).
22	22	54	12.7	30.443	N	132.527	E	19	D	4.7	0.9	59	SOUTHEAST OF SHIKOKU, JAPAN
22	23	01	15.6?	47.20	N	1.68	W	10	G		1.4	12	FRANCE. ML 2.4 (LDG).
22	23	06	35.3	36.746	N	21.853	E	10	G	4.1	1.1	61	SOUTHERN GREECE
22	23	12	43.0*	6.440	S	154.944	E	92	?	4.1	0.9	16	SOLOMON ISLANDS
22	23	30	17.4?	51.59	N	178.68	E	33	N	3.8	1.3	8	RAT ISLANDS, ALEUTIAN ISLANDS
23	00	53	38.1*	40.448	N	63.480	E	33	N	4.0	1.0	18	NORTHWESTERN UZBEKISTAN
23	01	58	50.1*	25.952	N	102.257	E	33	N	3.7	0.7	11	YUNNAN, CHINA
23	02	29	34.4*	49.487	N	142.083	E	33	N	3.6	0.6	7	SAKHALIN ISLAND
23	02	34	25.0&	32.847	S	71.662	W	50	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
23	03	05	53.9	8.429	N	72.614	W	204	D	4.3	0.9	88	VENEZUELA

23	03	19	40.0?	10.72	N	62.43	W	33	N		0.5	8	NEAR COAST OF VENEZUELA. MD 4.8 (TRN). Felt (IV) on Trinidad.
23	03	41	12.2	51.594	N	16.259	E	10	G		1.2	12	POLAND. ML 2.7 (MOX).
23	03	41	41.6*	37.066	N	11.850	W	10	G	3.3	0.9	37	NORTH ATLANTIC OCEAN
23	03	48	47.5*	34.207	N	25.753	E	33	N	3.6	1.2	20	CRETE
23	03	52	47.7*	53.308	N	159.738	E	33	N	3.8	0.8	10	NEAR EAST COAST OF KAMCHATKA
23	04	02	11.3	28.880	N	52.766	E	33	N	4.3	0.8	46	SOUTHERN IRAN
23	04	47	29.9?	12.55	N	92.52	E	33	N	3.9	0.3	7	ANDAMAN ISLANDS, INDIA
23	05	04	41.3?	32.30	S	71.76	W	30	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
23	05	54	18.8	52.070	N	30.065	W	10	G	4.2	0.9	55	NORTHERN MID-ATLANTIC RIDGE
23	06	27	34.7*	21.769	S	174.811	W	34	D	4.8 5.1	1.0	37	TONGA ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:27:37.1; Lat 21.77 S Fix; Lon 174.81 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.91, Plg=45, Azm=300; (N) Val=0.06, Plg=3, Azm=208; (P) Val=-1.97, Plg=45, Azm=115; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=124, Dip=3, Slip=7; NP2: Strike=28, Dip=90, Slip=93. Scalar Moment (PPT): Mo=1.1*10**17 Nm.
23	07	10	37.9	51.055	N	157.195	E	33	N	4.8 4.6	1.0	93	NEAR EAST COAST OF KAMCHATKA
23	07	24	00.0?	44.46	N	147.76	E	116	?	3.7	0.6	8	KURIL ISLANDS
23	07	32	03.9	9.393	S	113.071	E	81	*	5.0	1.2	35	SOUTH OF JAWA, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:32:11.9; Lat 9.39 S Fix; Lon 113.07 E Fix; Dep 71.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.59, Plg=47, Azm=293; (N) Val=-2.44, Plg=5, Azm=29; (P) Val=-7.15, Plg=43, Azm=124; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=279, Dip=6, Slip=160; NP2: Strike=29, Dip=88, Slip=85.
23	07	32	52.3	51.672	N	176.210	W	50	G	4.8	0.9	73	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR). Felt on Adak.
23	07	35	37.4&	63.230	N	150.930	W	17				65	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
23	10	46	45.9*	62.722	S	164.876	E	10	G	5.0 5.5	0.8	17	BALLENY ISLANDS REGION. Mw 5.8 (HRV). Ms 5.7 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 10:46:56.4; Lat 62.46 S; Lon 165.46 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=6.30, Plg=4, Azm=12; (N) Val=-0.12, Plg=80, Azm=126; (P) Val=-6.18, Plg=9, Azm=281; Best double couple: Mo=6.2*10**17 Nm; NP1: Strike=57, Dip=80, Slip=-176; NP2: Strike=326, Dip=86, Slip=-10.
23	10	56	13.6*	33.575	N	135.232	E	33	N		0.6	6	NEAR S. COAST OF WESTERN HONSHU
23	11	14	14.8&	45.491	N	26.455	E	104	?		1.0	7	ROMANIA
23	11	18	48.6?	50.26	N	19.04	E	10	G		1.1	6	POLAND. ML 2.8 (CLL).
23	11	59	14.7?	40.06	N	26.08	E	10	G		0.9	9	TURKEY
23	12	05	34.5*	51.013	N	178.619	E	33	N	4.1	1.2	21	RAT ISLANDS, ALEUTIAN ISLANDS
23	12	13	50.0&	33.485	S	72.343	W	5	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
23	12	35	45.3*	51.774	N	30.756	W	10	G	3.5	1.1	12	NORTHERN MID-ATLANTIC RIDGE
23	13	03	22.0*	28.286	N	138.892	E	537	*	3.7	0.9	22	BONIN ISLANDS REGION
23	13	05	26.5	52.086	N	30.057	W	10	G	3.9	0.8	21	NORTHERN MID-ATLANTIC RIDGE
23	14	33	21.7	30.555	S	71.292	W	33	N	4.6	0.7	33	NEAR COAST OF CENTRAL CHILE. Felt (IV) at Combarbala, La Serena and Punitaqui; (III) at Vicuna; (II) at Los Vilos.
23	15	15	13.4?	62.44	S	165.38	E	10	G	4.5	0.8	8	BALLENY ISLANDS REGION
23	16	07	34.2?	27.17	N	88.30	E	33	N	4.0	0.3	8	SIKKIM, INDIA
23	16	42	22.6*	36.460	N	70.142	E	231	?	3.6	0.8	15	HINDU KUSH REGION, AFGHANISTAN
23	19	04	10.7&	33.221	S	70.916	W	70	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
23	19	24	41.2	51.987	N	170.506	W	33	N	4.8 4.3	1.0	103	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
23	20	49	29.5*	35.762	N	78.651	E	33	N	3.6	1.2	17	EASTERN KASHMIR
23	21	29	28.5	45.229	N	7.470	E	10	G		1.0	18	NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG).
23	21	53	46.1	55.715	N	150.536	W	33	N	3.6	0.8	80	GULF OF ALASKA. ML 4.2 (AEIC).
23	23	25	58.7*	51.289	N	178.872	E	33	N	4.0	1.3	12	RAT ISLANDS, ALEUTIAN ISLANDS
23	23	28	30.0	39.354	N	20.800	E	10	G	3.8	1.0	26	GREECE-ALBANIA BORDER REGION. ML 3.8 (ROM).
24	00	40	29.4*	45.941	N	7.440	E	16	*		1.2	11	NORTHERN ITALY. ML 2.2 (LDG).
24	00	43	32.8	46.125	N	7.031	E	5	G		1.0	25	SWITZERLAND. ML 2.7 (LDG).
24	00	46	32.4	16.218	N	119.391	E	33	N	4.5	0.7	35	LUZON, PHILIPPINE ISLANDS
24	00	46	52.2&	45.933	N	7.606	E	10	G		0.6	8	NORTHERN ITALY. ML 2.1 (LDG).
24	01	57	21.0*	45.945	N	7.525	E	10	G		0.8	9	NORTHERN ITALY. ML 2.0 (LDG).
24	02	41	42.0?	32.11	S	70.13	W	125	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
24	02	41	42.7*	9.513	S	112.967	E	67	*	4.0	1.3	23	SOUTH OF JAWA, INDONESIA
24	03	00	04.8	51.955	N	29.989	W	10	G	4.4	0.8	74	NORTHERN MID-ATLANTIC RIDGE
24	03	17	58.2*	50.750	N	154.320	E	251	?	3.6	1.2	15	KURIL ISLANDS
24	03	19	35.9	10.646	N	62.606	W	72	D	4.7	0.9	113	NEAR COAST OF VENEZUELA
24	03	41	07.0&	37.006	N	3.594	W	10	G		1.2	7	SPAIN. mbLg 2.4 (MDD).
24	06	04	58.6?	37.27	N	72.25	E	33	N	3.8	1.1	10	TAJIKISTAN
24	06	19	14.5	38.332	N	26.633	W	10	G	4.9	1.2	103	AZORES ISLANDS. Felt (V) in western Sao Miguel and (IV) in eastern Terceira.
24	07	51	58.3?	23.52	S	170.04	E	33	N	4.0	1.2	15	LOYALTY ISLANDS REGION
24	08	24	24.3	0.565	N	30.169	E	10	G	5.0	1.0	72	UGANDA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:24:31.7; Lat 0.27 N; Lon 29.93 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=21, Azm=92; (N) Val=-0.31, Plg=2, Azm=182; (P) Val=-1.04, Plg=69, Azm=276; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=179, Dip=24, Slip=-94; NP2: Strike=3, Dip=66, Slip=-88.
24	09	13	28.0*	45.623	N	21.023	E	23	*	4.8	1.1	19	ROMANIA
24	09	47	59.1*	43.867	N	11.240	E	26	*		0.4	7	CENTRAL ITALY. ML 2.5 (LDG).
24	10	01	58.5?	0.62	S	136.26	E	33	N	4.2	0.9	8	IRIAN JAYA REGION, INDONESIA
24	10	53	43.8	8.780	N	126.651	E	33	N	4.8	1.2	56	MINDANAO, PHILIPPINE ISLANDS
24	10	57	42.0?	34.63	N	3.86	W	10	G		0.6	10	MOROCCO
24	11	26	04.7?	23.43	S	179.63	W	629	?	4.3	0.4	22	SOUTH OF FIJI ISLANDS
24	12	51	36.0	47.591	N	7.725	E	10	G		1.4	17	SWITZERLAND. ML 3.0 (LDG).
24	13	15	14.9*	43.185	N	146.682	E	47	?	3.9	1.1	26	KURIL ISLANDS
24	13	23	18.4	14.173	S	166.386	E	28	D	4.3	0.9	41	VANUATU ISLANDS
24	13	51	49.5?	9.71	S	130.31	E	33	N	4.2	1.1	9	TIMOR SEA
24	14	01	00.5?	23.22	N	144.21	E	33	N	3.5	0.6	6	VOLCANO ISLANDS REGION

24	14	17	15.5*	14.895	S	174.656	W	33	N	4.6	4.6	1.3	35	SAMOA ISLANDS REGION
24	14	26	38.7	45.082	N	153.216	E	33	N	4.9	4.0	1.2	70	EAST OF KURIL ISLANDS
24	15	46	25.4&	37.353	N	3.400	W	10	G			0.4	8	SPAIN. mbLg 2.6 (MDD).
24	15	49	21.3*	60.342	S	27.065	W	90	G	4.1		1.0	23	SOUTH SANDWICH ISLANDS REGION
24	16	14	47.4?	37.50	N	3.34	W	10	G			0.3	4	SPAIN. mbLg 2.0 (MDD).
24	16	43	45.5*	27.257	N	127.704	E	39	?	4.0		1.2	17	RYUKYU ISLANDS
24	16	44	59.7*	0.126	S	136.776	E	33	N	3.9		0.9	13	IRIAN JAYA REGION, INDONESIA
24	16	52	45.1*	7.242	S	128.537	E	155	?	4.1		0.8	14	BANDA SEA
24	17	29	22.0*	51.444	N	15.909	E	10	G			0.7	13	POLAND. ML 3.3 (GRF).
24	17	46	30.9&	44.101	N	7.097	E	5	G			0.5	6	NORTHERN ITALY. ML 1.9 (GEN).
24	18	48	27.9?	5.12	S	144.53	E	33	N	3.7		1.5	7	NEW GUINEA, PAPUA NEW GUINEA
24	19	37	40.4*	1.020	S	136.628	E	33	N	4.4		0.9	16	IRIAN JAYA REGION, INDONESIA
24	19	43	21.3?	0.24	S	137.69	E	33	N	4.2		1.5	7	IRIAN JAYA REGION, INDONESIA
24	19	45	22.2*	13.601	N	121.033	E	33	N	4.0		1.1	13	MINDORO, PHILIPPINE ISLANDS
24	20	00	27.7?	4.57	S	144.52	E	118	?	4.2		1.5	9	NEAR N COAST OF NEW GUINEA, PNG.
24	20	05	33.0?	32.31	S	71.32	W	50	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
24	20	06	31.1*	6.536	S	153.706	E	33	N	3.8		1.1	10	NEW BRITAIN REGION, P.N.G.
24	20	07	21.1?	47.89	N	1.77	W	10	G			0.5	5	FRANCE. ML 2.3 (LDG).
24	20	11	28.3	21.487	S	66.702	W	229	D	4.4		0.9	31	SOUTHERN BOLIVIA
24	20	15	49.2&	44.084	N	7.030	E	10	G			0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
24	20	16	12.7&	34.255	N	105.681	W	10	G				18	NEW MEXICO. <SNM-P>. MD 2.8 (SNM). mbLg 3.5 (GS). Felt in the Corona area.
24	20	19	23.1&	34.270	N	105.689	W	10	G				13	NEW MEXICO. <SNM-P>. MD 3.3 (SNM). mbLg 3.7 (GS). Felt in the Corona area.
24	20	48	52.5?	33.58	N	25.18	E	10	G	3.0		1.3	8	EASTERN MEDITERRANEAN SEA
24	20	51	23.3	51.274	N	178.725	E	33	N	4.3		1.0	36	RAT ISLANDS, ALEUTIAN ISLANDS
24	21	36	45.3*	3.500	S	145.640	E	33	N	4.5		1.1	19	NEAR N COAST OF NEW GUINEA, PNG.
24	21	58	50.4?	26.67	N	143.76	E	33	N	4.3		1.1	11	BONIN ISLANDS REGION
24	21	59	59.3?	21.92	N	142.99	E	321	*	3.8		0.7	15	MARIANA ISLANDS REGION
24	22	18	15.1*	55.394	S	146.838	E	10	G	4.4		1.4	22	WEST OF MACQUARIE ISLAND
24	22	19	02.6	55.420	S	146.006	E	10	G	5.3	5.8	1.2	73	WEST OF MACQUARIE ISLAND. Mw 6.1 (HRV), 6.0 (GS). Ms 5.9 (BRK). Moment Tensor (GS): Dep 14; Principal axes (scale 10**18 Nm): (T) Val=1.09, Plg=6, Azm=37; (N) Val=0.07, Plg=80, Azm=161; (P) Val=-1.17, Plg=8, Azm=306; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=82, Dip=80, Slip=-178; NP2: Strike=351, Dip=88, Slip=-10. Centroid, Moment Tensor (HRV): Centroid origin time 22:19:09.6; Lat 55.42 S; Lon 146.16 E; Dep 15.0 Fix; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.52, Plg=14, Azm=33; (N) Val=-0.18, Plg=70, Azm=258; (P) Val=-1.35, Plg=13, Azm=126; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=170, Dip=70, Slip=1; NP2: Strike=80, Dip=89, Slip=160. Scalar Moment (PPT): Mo=1.4*10**18 Nm.
24	23	11	22.0?	40.16	N	21.26	E	33	N	3.4		1.6	14	GREECE
25	00	09	38.1	51.780	N	30.062	W	10	G	4.1		0.6	20	NORTHERN MID-ATLANTIC RIDGE
25	00	44	03.9	55.521	N	161.708	E	66	D	4.5		0.8	72	NEAR EAST COAST OF KAMCHATKA
25	00	49	36.7*	22.027	S	171.624	E	33	N	4.8		1.3	27	LOYALTY ISLANDS REGION
25	01	39	35.7*	39.718	N	32.623	E	33	N	3.6		1.0	14	TURKEY
25	02	15	41.0&	47.703	N	120.216	W	7					34	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
25	02	35	15.1?	6.68	S	153.89	E	77	?	3.8		0.8	9	NEW BRITAIN REGION, P.N.G.
25	02	36	19.0	31.224	N	142.388	E	10	G	4.0		0.8	19	SOUTH OF HONSHU, JAPAN
25	02	45	44.0	68.938	N	16.649	W	10	G	4.0		1.2	33	ICELAND REGION
25	03	35	18.2	8.776	N	93.786	E	33	N	4.3		1.0	34	NICOBAR ISLANDS, INDIA
25	03	46	21.3?	8.69	S	148.01	E	127	*	3.7		1.4	7	EASTERN NEW GUINEA REG., P.N.G.
25	03	51	47.1	44.411	N	149.673	E	33	N	4.8		0.8	76	KURIL ISLANDS
25	04	05	37.2*	55.764	S	28.179	W	125	?	4.5		1.1	18	SOUTH SANDWICH ISLANDS REGION
25	04	27	30.2	43.978	N	4.664	E	10	G			0.9	36	NEAR SOUTH COAST OF FRANCE. ML 3.1 (LDG).
25	05	00	53.3	9.015	N	126.470	E	86	*	4.8		1.1	64	MINDANAO, PHILIPPINE ISLANDS
25	05	58	35.5*	23.019	S	170.089	E	33	N	4.1		1.0	17	LOYALTY ISLANDS REGION
25	06	12	48.9*	9.030	N	126.723	E	42	D	4.1		1.1	21	MINDANAO, PHILIPPINE ISLANDS
25	06	31	21.3	33.135	N	73.374	E	19	*	4.6		1.0	53	PAKISTAN
25	06	43	46.8	35.610	N	102.601	W	5	G			0.5	11	TEXAS PANHANDLE REGION. mbLg 3.5 (GS), 3.1 (TUL).
25	06	57	22.1&	63.235	N	150.651	W	131		4.1			134	CENTRAL ALASKA. <AEIC>.
25	07	13	46.8?	44.31	N	149.57	E	33	N	3.8		1.2	11	KURIL ISLANDS
25	07	17	43.8*	15.000	S	174.403	W	20	D	4.5	4.7	0.8	25	TONGA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:17:49.2; Lat 14.76 S; Lon 174.69 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.22, Plg=28, Azm=148; (N) Val=2.01, Plg=42, Azm=266; (P) Val=-7.23, Plg=35, Azm=36; Best double couple: Mo=6.2*10**16 Nm; NP1: Strike=185, Dip=42, Slip=-173; NP2: Strike=90, Dip=85, Slip=-48.
25	07	21	32.2*	66.531	N	158.066	W	10	G	2.9		0.8	14	NORTHERN ALASKA. Second event about 50 seconds later.
25	07	45	58.5	19.985	S	133.986	E	10	G	4.3		1.4	14	NORTHERN TERRITORY, AUSTRALIA
25	07	51	47.4	9.024	N	126.547	E	76	*	4.7		1.2	39	MINDANAO, PHILIPPINE ISLANDS
25	08	38	32.6?	1.44	S	136.71	E	33	N	4.4		1.4	11	IRIAN JAYA REGION, INDONESIA
25	09	24	18.1	4.369	S	103.004	E	117	*	4.6		0.8	37	SOUTHERN SUMATERA, INDONESIA
25	10	00	56.5	4.839	N	95.685	E	33	N	4.1		1.0	23	NORTHERN SUMATERA, INDONESIA
25	10	12	04.1	68.048	N	18.502	W	10	G	3.2		1.5	8	ICELAND REGION
25	10	12	33.7	33.302	N	137.935	E	319		4.0		1.0	36	NEAR S. COAST OF HONSHU, JAPAN
25	10	22	27.6?	32.04	S	69.88	W	150	G			0.4	10	MENDOZA PROVINCE, ARGENTINA. MD 3.3 (SAN).
25	11	10	04.8	27.941	N	130.275	E	28		4.0		0.9	18	RYUKYU ISLANDS
25	11	17	11.9&	37.578	N	122.427	W	7					8	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). Felt from Moss Beach to western parts of Burlingame.
25	11	31	27.5&	61.565	N	150.539	W	50					52	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
25	12	24	52.9&	33.987	S	70.155	W	13				0.9	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
25	13	08	56.9?	5.67	S	150.76	E	112	?	4.2		1.1	7	NEW BRITAIN REGION, P.N.G.
25	13	54	39.6&	34.236	N	118.605	W	19					58	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.2 (GS). Felt in the Chatsworth area.
25	13	56	28.4*	0.783	S	136.771	E	33	N	4.3		0.7	12	IRIAN JAYA REGION, INDONESIA
25	14	01	51.7	0.872	S	135.793	E	78		4.9		0.9	52	IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 14:01:53.6; Lat 1.04 S; Lon 135.79 E; Dep 87.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.03, Plg=5, Azm=288; (N) Val=1.17, Plg=67, Azm=187; (P) Val=-9.20, Plg=22, Azm=20; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=62, Dip=71, Slip=-13; NP2: Strike=156, Dip=78, Slip=-161.

25	14	15	35.5*	2.710	N	128.625	E	240	*	4.2	0.7	22	HALMAHERA, INDONESIA
25	14	15	50.5*	32.131	N	88.671	W	5	G		1.1	6	MISSISSIPPI. mbLg 3.5 (GS), 3.1 (TUL). Felt at Quitman and in much of Clarke County.
25	17	05	39.6*	51.478	N	15.995	E	10	G		0.9	12	POLAND. ML 3.4 (VIE), 3.0 (MOX).
25	17	44	50.9&	37.721	N	2.454	W	10	G		0.6	13	SPAIN. mbLg 2.9 (MDD).
25	18	20	33.2*	3.723	S	122.437	E	33	N	4.1	1.7	5	SULAWESI, INDONESIA
25	18	24	21.5*	0.733	S	135.275	E	33	N	4.1	1.5	12	IRIAN JAYA REGION, INDONESIA
25	19	37	15.3?	0.69	S	135.70	E	33	N	3.9	1.4	8	IRIAN JAYA REGION, INDONESIA
25	20	31	42.1	51.599	N	16.181	E	10		3.9	1.0	58	POLAND. ML 4.2 (VIE), 4.2 (FUR), 4.0 (MOX).
25	20	34	14.8*	51.827	N	30.094	W	33	N	3.9	0.8	12	NORTHERN MID-ATLANTIC RIDGE
25	20	55	05.1	44.407	N	148.869	E	58	*	4.5	1.0	62	KURIL ISLANDS
25	22	50	32.5?	22.00	S	171.20	E	33	N	4.3	0.8	12	LOYALTY ISLANDS REGION
26	01	16	44.6&	60.113	N	151.978	W	59				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
26	01	20	13.4*	3.456	S	149.086	E	33	N	4.0	0.9	8	BISMARCK SEA
26	01	51	59.6*	25.974	S	179.744	E	536	?	4.6	1.1	34	SOUTH OF FIJI ISLANDS
26	02	26	02.7*	32.425	S	71.462	W	33	N		0.5	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
26	03	04	14.8*	43.901	N	149.294	E	44	D	3.9	0.8	15	EAST OF KURIL ISLANDS
26	03	47	53.5*	39.471	S	79.265	E	10	G	4.3	0.9	18	MID-INDIAN RIDGE
26	04	03	52.0?	19.05	S	177.62	W	550	?	3.9	0.9	21	FIJI ISLANDS REGION
26	05	05	51.0	6.685	N	125.816	E	164		4.6	0.7	34	MINDANAO, PHILIPPINE ISLANDS
26	05	23	51.3*	8.977	N	127.753	E	33	N	3.8	0.7	9	PHILIPPINE ISLANDS REGION
26	05	54	49.9?	2.18	N	74.60	W	62	?	3.9	1.1	6	COLOMBIA
26	06	01	46.8?	53.57	N	158.52	E	130	G	3.4	0.9	8	NEAR EAST COAST OF KAMCHATKA
26	06	51	32.8*	43.461	N	10.122	E	10	G		1.1	17	CENTRAL ITALY. ML 3.0 (STR), 2.8 (LDG).
26	06	58	49.1*	10.237	S	80.174	W	36	D	4.0	1.0	16	OFF COAST OF PERU
26	08	04	57.4*	68.984	N	17.850	W	10	G	3.7	1.1	9	ICELAND REGION
26	08	26	18.9	3.402	S	148.907	E	10	G	4.3	1.0	20	BISMARCK SEA
26	08	30	25.2	30.651	N	79.102	E	47	D	4.8	0.8	59	XIZANG-INDIA BORDER REGION
26	09	16	31.8*	6.250	S	105.098	E	76	?	4.5	1.0	31	SUNDA STRAIT
26	10	15	08.5&	45.159	N	7.130	E	10	G		0.7	6	NORTHERN ITALY. ML 2.0 (GEN).
26	10	35	05.0*	2.754	S	122.463	E	33	N	4.4	1.3	21	SULAWESI, INDONESIA
26	10	48	32.5	7.154	S	155.603	E	33	N	4.6	0.9	39	SOLOMON ISLANDS
26	10	52	57.5&	33.676	S	70.609	W	80	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
26	10	58	17.3?	32.76	S	71.74	W	10	G		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
26	11	11	00.1&	61.398	N	150.785	W	56				56	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
26	11	14	44.8*	3.314	S	150.471	E	33	N	4.3	1.2	13	NEW IRELAND REGION, P.N.G.
26	11	33	02.3&	60.948	N	150.661	W	38				56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
26	11	37	44.4	2.752	N	99.070	E	210	?	3.9	0.6	24	NORTHERN SUMATERA, INDONESIA
26	11	47	32.7?	34.28	S	70.19	W	10	G		0.2	6	CHILE-ARGENTINA BORDER REGION
26	11	48	20.1	45.360	N	150.115	E	33	N	4.9 4.3	0.8	122	KURIL ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:48:29.6; Lat 45.36 N Fix; Lon 150.12 E Fix; Dep 54.9; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=6.15, Plg=49, Azm=209; (N) Val=-2.36, Plg=41, Azm=23; (P) Val=-3.79, Plg=3, Azm=115; Best double couple: Mo=5.0*10**16 Nm; NP1: Strike=240, Dip=55, Slip=143; NP2: Strike=353, Dip=60, Slip=41.
26	12	15	37.3*	42.775	S	83.707	E	10	G	4.3	0.8	12	MID-INDIAN RIDGE
26	12	30	08.8*	21.740	S	174.739	W	33	N	4.5	1.1	17	TONGA ISLANDS
26	12	31	07.4&	61.542	N	150.627	W	49				78	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.8 (PMR).
26	13	02	07.8?	1.40	S	77.97	W	33	N	4.3	1.0	12	ECUADOR
26	13	07	58.7	30.056	N	141.318	E	71	D	4.1	0.8	16	SOUTH OF HONSHU, JAPAN
26	13	58	13.6*	50.085	N	77.097	E	33	N	4.2	1.1	21	EASTERN KAZAKHSTAN
26	16	21	33.6	7.234	S	144.954	E	33	N	4.0	0.8	12	NEAR S COAST OF NEW GUINEA, PNG.
26	17	27	15.0*	6.027	S	154.453	E	77	*	3.8	0.7	13	SOLOMON ISLANDS
26	18	59	44.4?	21.30	S	69.00	W	100	G	4.1	0.7	8	CHILE-BOLIVIA BORDER REGION
26	20	58	11.7	1.000	S	136.698	E	33	N	4.9	1.0	42	IRIAN JAYA REGION, INDONESIA
26	21	25	41.4	52.166	N	168.724	W	33	N	5.1 4.8	1.1	175	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.4 (HRV). ML 4.7 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 21:25:37.6; Lat 51.77 N; Lon 168.13 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.18, Plg=66, Azm=338; (N) Val=0.03, Plg=0, Azm=69; (P) Val=-1.21, Plg=24, Azm=159; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=250, Dip=21, Slip=91; NP2: Strike=69, Dip=69, Slip=90.
26	21	42	18.5*	9.144	S	119.506	E	116	*	4.3	1.2	20	SUMBA REGION, INDONESIA
26	21	56	29.8	52.497	N	168.770	W	33	N	4.1	0.8	22	FOX ISLANDS, ALEUTIAN ISLANDS
26	22	36	30.1&	35.795	N	2.615	W	10	G		0.9	16	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
26	22	55	02.7	44.338	N	15.404	E	33	N		1.1	106	NORTHWESTERN BALKAN REGION. ML 4.0 (LDG), 4.0 (VIE). Felt in the Starigrad area, Croatia and at Ljubljana, Slovenia.
26	22	58	30.7	44.335	N	15.380	E	33	N		1.1	152	NORTHWESTERN BALKAN REGION. ML 4.7 (VIE), 4.6 (LDG). Felt (V-VI) in the Starigrad area, Croatia. Felt at Grosuplje, Koper and Ljubljana, Slovenia.
26	23	13	13.0*	18.373	S	71.288	W	101	?	4.1	1.0	12	OFF COAST OF NORTHERN CHILE
26	23	35	45.6*	19.157	N	121.546	E	33	N	4.0	1.2	10	PHILIPPINE ISLANDS REGION
27	00	35	21.1&	63.555	N	150.633	W	13				52	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
27	00	36	54.8*	52.400	N	29.018	W	10	G	4.1	0.8	30	NORTHERN MID-ATLANTIC RIDGE
27	00	54	58.0*	18.515	N	66.965	W	10	G		1.0	5	PUERTO RICO REGION
27	01	01	04.7	50.563	N	18.868	E	10	G		1.2	10	POLAND. MG 2.8 (WAR).
27	01	47	21.6?	52.43	N	168.79	W	33	N	3.9	1.2	7	FOX ISLANDS, ALEUTIAN ISLANDS
27	01	54	32.4	3.255	N	126.507	E	33	N	4.9	0.8	52	TALAUD ISLANDS, INDONESIA
27	02	04	30.6	50.459	N	16.099	E	10	G		0.8	8	POLAND. ML 2.6 (MOX).
27	02	51	13.1	59.025	N	145.712	W	10	G		0.9	64	GULF OF ALASKA. ML 2.9 (AEIC).
27	02	56	50.6*	33.284	S	177.992	W	33	N	4.7	1.2	17	SOUTH OF KERMADEC ISLANDS
27	03	05	13.0?	51.26	N	15.78	E	10	G		1.2	5	POLAND. ML 2.1 (MOX).
27	03	06	40.7*	45.306	S	167.008	E	156	?		0.3	15	SOUTH ISLAND, NEW ZEALAND

27	03	11	48.0?	20.47	S	177.80	W	522	?	4.3	1.0	27	FIJI ISLANDS REGION
27	03	33	47.7*	28.742	N	51.999	E	33	N	4.0	0.8	17	SOUTHERN IRAN
27	04	07	24.0?	8.69	S	108.74	W	10	G	4.1	0.9	16	CENTRAL EAST PACIFIC RISE
27	04	08	49.0?	8.89	S	109.54	W	10	G	4.0	1.1	8	CENTRAL EAST PACIFIC RISE
27	05	09	05.5?	7.11	S	129.86	E	33	N	4.2	1.5	9	BANDA SEA
27	06	46	30.9&	49.636	N	129.081	W	10	G		1.4	11	VANCOUVER ISLAND REGION
27	06	53	42.5*	28.490	S	177.521	W	57	D	4.3	1.0	21	KERMADEC ISLANDS REGION
27	07	05	19.9	31.712	N	40.889	W	10	G	4.7 4.2	0.9	64	NORTHERN MID-ATLANTIC RIDGE
27	07	26	34.6*	45.067	N	150.001	E	39	D	4.0	0.8	19	KURIL ISLANDS
27	07	41	58.7?	2.54	S	140.26	E	33	N	3.8	1.1	8	NEAR NORTH COAST OF IRIAN JAYA
27	07	43	58.3*	23.806	S	66.579	W	221	*	3.5	0.9	12	JUJUY PROVINCE, ARGENTINA
27	08	21	25.5?	44.64	N	142.16	E	246	?	3.3	1.0	9	HOKKAIDO, JAPAN REGION
27	08	21	42.6&	32.856	S	70.176	W	110	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
27	09	01	27.1	52.432	N	168.585	W	33	N	4.6	1.0	75	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.1 (PMR).
27	09	08	05.9*	31.635	S	76.659	E	10	G	4.2	0.9	15	MID-INDIAN RIDGE
27	09	14	39.9	34.584	N	27.749	E	33	N	3.8	1.0	32	EASTERN MEDITERRANEAN SEA. MD 3.8 (HLW).
27	09	18	19.6	44.331	N	15.444	E	10	G		1.1	29	NORTHWESTERN BALKAN REGION. ML 3.5 (VIE), 3.5 (LDG), 3.2 (BRA), 3.2 (ROM). Felt in the epicentral area.
27	09	27	14.4&	36.455	N	120.485	W	12				13	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM), 2.8 (PAS).
27	09	47	46.9&	33.986	S	70.344	W	100	G		0.2	8	CHILE-ARGENTINA BORDER REGION
27	09	50	31.8*	51.104	N	15.778	E	10	G		1.3	5	POLAND. ML 2.9 (MOX).
27	10	00	33.7*	38.076	S	175.886	E	252	*		0.6	30	NORTH ISLAND, NEW ZEALAND
27	10	28	28.5	38.757	S	70.331	W	177		3.9	1.0	22	SOUTHERN ARGENTINA
27	10	49	52.2&	62.960	N	148.354	W	80				75	CENTRAL ALASKA. <AEIC>.
27	11	07	52.6?	36.47	N	2.81	W	10	G		0.7	6	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
27	11	33	08.1*	52.472	N	168.656	W	33	N	4.1	0.9	16	FOX ISLANDS, ALEUTIAN ISLANDS
27	11	52	50.6	16.387	N	121.046	E	49	?	4.3	0.6	43	LUZON, PHILIPPINE ISLANDS
27	12	34	48.8	16.413	N	98.079	W	29	D	5.5 4.9	0.9	222	NEAR COAST OF GUERRERO, MEXICO. Mw 5.6 (GS), 5.6 (HRV). Ms 4.9 (BRK). Felt at Mexico City. Moment Tensor (GS): Dep 19; Principal axes (scale 10**17 Nm): (T) Val=2.42, Plg=66, Azm=3; (N) Val=-0.07, Plg=13, Azm=124; (P) Val=-2.34, Plg=20, Azm=218; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=329, Dip=28, Slip=118; NP2: Strike=118, Dip=66, Slip=76. Centroid, Moment Tensor (HRV): Centroid origin time 12:34:52.6; Lat 16.44 N; Lon 97.95 W; Dep 21.0 Bdy; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.31, Plg=64, Azm=30; (N) Val=0.16, Plg=7, Azm=285; (P) Val=-2.47, Plg=25, Azm=191; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=266, Dip=21, Slip=70; NP2: Strike=107, Dip=70, Slip=98.
27	14	49	11.2?	34.21	S	70.58	W	100	G		0.3	7	CHILE-ARGENTINA BORDER REGION
27	14	56	52.0	52.383	N	168.733	W	33	N	5.0 4.3	1.2	103	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
27	15	38	45.8	52.298	N	168.672	W	33	N	5.1 4.5	1.1	128	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.3 (HRV). ML 4.7 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 15:38:43.3; Lat 51.95 N; Lon 168.98 W; Dep 26.2; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=8.82, Plg=52, Azm=310; (N) Val=-0.30, Plg=5, Azm=46; (P) Val=-8.52, Plg=37, Azm=140; Best double couple: Mo=8.7*10**16 Nm; NP1: Strike=257, Dip=9, Slip=121; NP2: Strike=45, Dip=82, Slip=85.
27	16	30	29.1&	43.338	N	7.130	W	10	G		0.6	5	SPAIN. mbLg 3.0 (MDD). Felt (III) in the epicentral area.
27	16	39	03.3?	2.77	S	137.29	E	33	N	3.8	1.4	8	IRIAN JAYA, INDONESIA
27	16	56	42.4*	6.775	S	129.388	E	91	?	4.6	1.7	19	BANDA SEA
27	17	15	39.0*	0.605	S	133.513	E	33	N	4.5	1.3	15	IRIAN JAYA REGION, INDONESIA
27	18	01	29.0&	46.320	N	5.661	E	10	G		0.9	8	FRANCE. ML 2.0 (LDG).
27	18	08	07.2?	8.25	S	149.75	E	88	?	3.8	1.7	11	EASTERN NEW GUINEA REG., P.N.G.
27	19	08	12.5?	17.74	S	178.79	W	572	?	4.3	0.9	27	FIJI ISLANDS REGION
27	20	01	56.4*	29.960	N	88.086	E	33	N	3.8	0.9	12	XIZANG
27	20	52	06.6	11.777	N	87.935	W	33	N	5.5 5.5	1.1	210	NEAR COAST OF NICARAGUA. Mw 6.0 (GS), 6.0 (HRV). Ms 5.4 (BRK). Felt (II) at San Salvador, El Salvador. Moment Tensor (GS): Dep 6; Principal axes (scale 10**18 Nm): (T) Val=1.09, Plg=12, Azm=32; (N) Val=-0.09, Plg=22, Azm=127; (P) Val=-1.01, Plg=65, Azm=275; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=96, Dip=38, Slip=-127; NP2: Strike=320, Dip=60, Slip=-65. Centroid, Moment Tensor (HRV): Centroid origin time 20:52:10.5; Lat 11.73 N; Lon 88.61 W; Dep 15.0 Fix; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.33, Plg=7, Azm=221; (N) Val=0.00, Plg=8, Azm=130; (P) Val=-1.33, Plg=79, Azm=351; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=320, Dip=39, Slip=-77; NP2: Strike=124, Dip=52, Slip=-100. Scalar Moment (PPT): Mo=3.4*10**18 Nm.
27	22	48	12.4	40.189	N	142.576	E	47	D	4.6	1.1	48	NEAR EAST COAST OF HONSHU, JAPAN
27	22	54	21.3?	36.89	S	178.48	W	33	N	3.7	0.7	5	EAST OF NORTH ISLAND, N.Z.
27	22	58	23.9*	44.284	N	15.867	E	10	G		1.2	32	NORTHWESTERN BALKAN REGION
28	00	33	48.2*	4.651	S	137.873	E	112	?	4.4	1.1	10	IRIAN JAYA, INDONESIA
28	00	54	47.3*	18.556	N	106.404	W	33	N	4.3 4.3	1.2	36	OFF COAST OF JALISCO, MEXICO. Ms 4.3 (BRK).
28	01	03	59.0?	34.81	S	71.84	W	50	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
28	01	36	21.6&	37.624	N	118.858	W	10				61	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK), 3.0 (GS). Felt at Mammoth Lakes, California.
28	01	48	22.8	52.318	N	168.668	W	33	N	5.3 5.0	1.1	252	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.4 (HRV). ML 5.2 (PMR). Felt (IV) at Nikolski. Centroid, Moment Tensor (HRV): Centroid origin time 01:48:21.8; Lat 51.92 N; Lon 168.42 W; Dep 16.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.63, Plg=70, Azm=337; (N) Val=0.02, Plg=0, Azm=67; (P) Val=-1.65, Plg=20, Azm=157; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=247, Dip=25, Slip=90; NP2: Strike=67, Dip=65, Slip=90.
28	01	56	18.7	52.245	N	168.742	W	33	N	5.2	1.0	200	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.2 (PMR). Felt (III) at Nikolski.

28	02	16	02.8?	46.67	N	148.06	E	490	?	3.5	1.2	17	NORTHWEST OF KURIL ISLANDS
28	03	55	12.8*	38.664	N	142.879	E	10	G	3.9	0.8	10	NEAR EAST COAST OF HONSHU, JAPAN
28	03	56	48.0*	45.240	N	148.981	E	33	N	4.7	1.0	36	KURIL ISLANDS
28	05	03	00.2	43.402	N	17.484	E	33	N		1.1	29	NORTHWESTERN BALKAN REGION. ML 3.4 (VIE).
28	05	22	16.5	43.162	N	139.621	E	46	?	4.1	1.2	18	EASTERN SEA OF JAPAN
28	06	09	10.3	54.201	N	165.849	W	5	G	4.2	1.2	38	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR). Felt on Akutan.
28	06	23	24.8	44.359	N	149.605	E	33	N	4.3	1.0	35	KURIL ISLANDS
28	06	32	40.8*	52.402	N	170.361	W	33	N	4.2	0.9	16	FOX ISLANDS, ALEUTIAN ISLANDS
28	07	28	28.1	11.919	N	57.805	E	10	G	5.8 5.6	1.0	197	ARABIAN SEA. Mw 6.1 (HRV), 6.0 (GS). Me 6.2 (GS). Ms 5.2 (BRK).
													Broadband Source Parameters (GS): Dep 14; NP1: Strike=235, Dip=73, Slip=40; NP2: Strike=131, Dip=52, Slip=158; Radiated energy 5.0*10**13 Nm. Two events about 4.0 seconds apart.
													Moment Tensor (GS): Dep 17; Principal axes (scale 10**18 Nm): (T) Val=1.07, Plg=20, Azm=74; (N) Val=0.00, Plg=70, Azm=244; (P) Val=-1.07, Plg=3, Azm=342; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=116, Dip=74, Slip=168; NP2: Strike=210, Dip=78, Slip=17.
													Centroid, Moment Tensor (HRV): Centroid origin time 07:28:31.0; Lat 12.01 N; Lon 57.72 E; Dep 15.0 Bdy; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.66, Plg=19, Azm=70; (N) Val=-0.13, Plg=64, Azm=295; (P) Val=-1.53, Plg=17, Azm=166; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=208, Dip=64, Slip=2; NP2: Strike=118, Dip=89, Slip=154.
28	08	04	29.3	42.830	N	2.625	E	10	G		0.7	37	PYRENEES. ML 3.6 (LDG), 3.4 (STR). mbLg 3.3 (MDD).
28	09	52	49.3	43.331	N	147.009	E	33	N	5.4	0.8	211	KURIL ISLANDS. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 09:52:51.7; Lat 43.33 N Fix; Lon 147.01 E Fix; Dep 34.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=2.47, Plg=50, Azm=293; (N) Val=0.38, Plg=0, Azm=24; (P) Val=-2.85, Plg=40, Azm=114; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=208, Dip=5, Slip=95; NP2: Strike=24, Dip=85, Slip=90.
28	10	30	27.5&	32.014	N	116.372	W	6	G			9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 3.0 (PAS).
28	10	31	27.0*	52.483	N	168.536	W	33	N	3.9	1.3	16	FOX ISLANDS, ALEUTIAN ISLANDS
28	10	43	03.6?	34.65	S	71.62	W	50	G		0.3	7	NEAR COAST OF CENTRAL CHILE
28	11	26	22.0	52.449	N	168.581	W	33	N	5.2 4.7	1.2	168	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.4 (HRV). ML 4.9 (PMR). Felt (III) at Nikolski.
													Centroid, Moment Tensor (HRV): Centroid origin time 11:26:22.7; Lat 52.21 N; Lon 168.41 W; Dep 18.3; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.49, Plg=61, Azm=348; (N) Val=-0.10, Plg=7, Azm=244; (P) Val=-1.39, Plg=28, Azm=150; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=221, Dip=18, Slip=66; NP2: Strike=66, Dip=73, Slip=98.
28	11	40	06.1?	52.43	N	168.81	W	33	N	3.6	0.6	9	FOX ISLANDS, ALEUTIAN ISLANDS
28	11	41	41.4	43.201	N	127.117	W	10	G	3.0	0.7	74	OFF COAST OF OREGON
28	12	03	10.3	52.393	N	168.572	W	33	N	5.1	1.1	162	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR). Felt (III) at Nikolski.
28	12	09	13.6?	34.89	S	71.08	W	100	G		0.1	9	NEAR COAST OF CENTRAL CHILE
28	12	09	19.4?	44.61	N	148.96	E	33	N	3.6	0.9	11	KURIL ISLANDS
28	12	42	53.0?	23.71	S	69.58	E	18	D	4.5	1.0	17	MID-INDIAN RIDGE
28	12	54	09.5	52.423	N	168.546	W	33	N	4.6	0.9	53	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
28	13	39	41.4*	17.609	N	96.597	E	33	N	4.2	1.2	15	MYANMAR
28	14	05	49.8?	13.86	S	170.75	E	578	?	4.1	1.2	35	VANUATU ISLANDS REGION
28	14	13	44.0	9.702	S	114.105	E	65		4.7	1.1	37	SOUTH OF BALI, INDONESIA
28	15	07	10.6*	52.322	N	168.523	W	33	N	4.4	1.4	48	FOX ISLANDS, ALEUTIAN ISLANDS
28	16	07	16.5	52.368	N	168.575	W	33	N	4.1	0.9	31	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.2 (PMR).
28	16	14	02.5*	46.836	N	153.730	E	86	?	3.9	0.8	21	KURIL ISLANDS
28	17	10	25.5?	5.86	N	82.36	W	10	G	3.6	1.2	6	SOUTH OF PANAMA
28	17	44	00.8*	52.266	N	168.380	W	33	N	4.2	0.9	18	FOX ISLANDS, ALEUTIAN ISLANDS
28	17	53	22.4	24.338	N	122.143	E	39	D	4.9 5.0	1.1	73	TAIWAN REGION
28	17	53	50.4&	34.107	S	71.524	W	40	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
28	18	11	37.6?	39.70	N	23.52	E	10	G		0.7	8	AEGEAN SEA
28	18	19	57.5*	46.712	N	153.721	E	36	D	4.4	1.3	37	KURIL ISLANDS
28	18	45	33.3	50.631	N	129.865	W	10	G	3.5	0.6	38	VANCOUVER ISLAND REGION
28	18	55	52.0*	13.797	N	45.543	W	10	G	4.6	1.0	11	NORTHERN MID-ATLANTIC RIDGE
28	18	56	47.8*	13.841	N	144.728	E	192		3.6	0.7	11	MARIANA ISLANDS
28	19	02	15.9?	3.44	S	127.70	E	86	?	4.0	1.0	7	SERAM, INDONESIA
28	19	17	22.2*	46.960	N	153.881	E	33	N	3.8	1.5	11	KURIL ISLANDS
28	19	24	00.2*	13.294	N	50.759	E	10	G	4.3	0.8	13	EASTERN GULF OF ADEN
28	19	27	12.2*	13.313	N	50.725	E	10	G	4.5	0.9	16	EASTERN GULF OF ADEN
28	19	27	13.5	53.000	N	168.932	W	33	N	4.5	1.0	34	FOX ISLANDS, ALEUTIAN ISLANDS
28	19	37	19.2	51.892	N	2.482	E	10	G		1.2	33	NORTH SEA. ML 3.0 (LDG).
28	19	51	07.8	52.307	N	168.778	W	33	N	5.7 5.4	1.0	308	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Me 5.3 (GS). ML 5.7 (PMR). Ms 5.1 (BRK). Felt (IV) at Nikolski.
													Broadband Source Parameters (GS): Dep 14; NP1: Strike=274, Dip=18, Slip=123; NP2: Strike=60, Dip=75, Slip=80; Radiated energy 1.7*10**12 Nm.
													Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=5.78, Plg=49, Azm=340; (N) Val=-0.68, Plg=3, Azm=246; (P) Val=-5.10, Plg=41, Azm=153; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=208, Dip=5, Slip=52; NP2: Strike=66, Dip=86, Slip=93.
													Centroid, Moment Tensor (HRV): Centroid origin time 19:51:08.7; Lat 52.03 N; Lon 168.65 W; Dep 18.0 Bdy; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=5.97, Plg=65, Azm=330; (N) Val=-0.19, Plg=1, Azm=63; (P) Val=-5.77, Plg=25, Azm=154; Best double couple: Mo=5.9*10**17 Nm; NP1: Strike=247, Dip=20, Slip=94; NP2: Strike=63, Dip=70, Slip=89.

Scalar Moment (PPT): Mo=7.3*10**17 Nm.

28	20	36	42.0	43.576	N	146.937	E	64	?	4.2	1.1	32	KURIL ISLANDS
28	21	13	21.5	52.553	N	168.750	W	33	N	4.1	1.1	33	FOX ISLANDS, ALEUTIAN ISLANDS
28	21	18	58.8*	3.279	N	125.172	E	33	N	4.6	1.4	24	TALAUD ISLANDS, INDONESIA
28	21	29	26.0*	41.099	N	7.160	W	10	G		1.1	9	PORTUGAL. mbLg 3.2 (MDD).
28	21	32	50.1	52.290	N	168.762	W	33	N	5.6 5.0	1.1	280	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.5 (HRV). ML 5.3 (PMR). Ms 4.7 (BRK). Felt (III) at Nikolski.

Centroid, Moment Tensor (HRV): Centroid origin time 21:32:50.0; Lat 51.97 N; Lon 168.71 W; Dep 21.5; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.08, Plg=65, Azm=320; (N) Val=0.21, Plg=2, Azm=54; (P) Val=-2.28, Plg=25, Azm=145; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=240, Dip=21, Slip=96; NP2: Strike=53, Dip=70, Slip=88.

28	21	34	08.8%	42.841	N	7.128	W	10	G		0.9	6	SPAIN. mbLg 3.1 (MDD).
28	21	49	35.3	52.443	N	168.682	W	33	N	4.0	0.9	26	FOX ISLANDS, ALEUTIAN ISLANDS
28	22	11	02.1%	42.839	N	7.161	W	10	G		0.5	7	SPAIN. mbLg 2.8 (MDD).
28	22	18	21.5*	52.153	N	30.002	W	10	G	3.5	1.1	8	NORTHERN MID-ATLANTIC RIDGE
28	22	52	50.3	52.168	N	168.531	W	33	N	4.8	1.0	85	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR).
28	23	03	49.8	1.036	S	78.737	W	33	N	5.8 5.2	0.8	296	ECUADOR. Mw 6.0 (GS), 5.9 (HRV). Me 5.6 (GS). Ms 5.1 (BRK). At least 27 people killed, about 100 injured, several thousand homeless and considerable damage and destruction to homes, bridges and water pipes in Cotopaxi, Pastaza and Tungurahua Provinces. Landslides blocked several roads in the epicentral area. Minor damage (VI) at Ambato, Latacunga and San Miguel de Salcedo. Felt (IV) at Quito; (III) at Ibarra; (II) at Cuenca and Guayaquil. Felt in many parts of Ecuador.

Broadband Source Parameters (GS): Dep 9; NP1: Strike=20, Dip=50, Slip=140; NP2: Strike=138, Dip=61, Slip=48; Radiated energy 5.0*10**12 Nm.

Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm): (T) Val=9.62, Plg=83, Azm=76; (N) Val=-0.07, Plg=1, Azm=177; (P) Val=-9.55, Plg=7, Azm=267; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=358, Dip=38, Slip=92; NP2: Strike=176, Dip=52, Slip=88.

Centroid, Moment Tensor (HRV): Centroid origin time 23:03:50.8; Lat 1.19 S; Lon 78.66 W; Dep 15.0 Bdy; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=8.21, Plg=66, Azm=87; (N) Val=0.42, Plg=2, Azm=182; (P) Val=-8.63, Plg=24, Azm=273; Best double couple: Mo=8.4*10**17 Nm; NP1: Strike=8, Dip=21, Slip=96; NP2: Strike=182, Dip=69, Slip=88.

28	23	13	30.8	42.989	N	137.173	E	279		4.4	0.6	71	EASTERN SEA OF JAPAN
28	23	18	43.0?	36.40	N	2.80	W	10	G		1.0	8	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
29	00	19	11.0?	32.33	S	71.46	W	40	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
29	02	53	48.4	45.211	N	150.442	E	33	N	4.7	0.9	79	KURIL ISLANDS. Felt (IV) on Shikotan.
29	03	21	36.8*	4.418	S	102.955	E	96	*	4.4	1.0	29	SOUTHERN SUMATERA, INDONESIA
29	03	28	56.8	24.141	N	122.195	E	33	N	5.4 5.5	1.1	161	TAIWAN REGION. Mw 5.8 (HRV), 5.7 (GS). Felt (III JMA) at I-lan and (II JMA) at Hua-lien and Taipei.

Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=4.94, Plg=53, Azm=313; (N) Val=-0.69, Plg=8, Azm=54; (P) Val=-4.25, Plg=35, Azm=151; Best double couple: Mo=4.6*10**17 Nm; NP1: Strike=277, Dip=12, Slip=133; NP2: Strike=53, Dip=81, Slip=81.

Centroid, Moment Tensor (HRV): Centroid origin time 03:28:58.8; Lat 24.02 N; Lon 122.00 E; Dep 21.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.12, Plg=53, Azm=318; (N) Val=0.15, Plg=14, Azm=68; (P) Val=-5.27, Plg=34, Azm=167; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=302, Dip=17, Slip=145; NP2: Strike=65, Dip=80, Slip=76.

29	04	15	59.6%	31.395	S	117.726	E	10	G		0.8	5	WESTERN AUSTRALIA
29	04	27	34.7?	10.99	N	62.07	W	100	G		0.5	5	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
29	04	57	56.1*	52.766	N	169.092	W	33	N	3.8	0.8	12	FOX ISLANDS, ALEUTIAN ISLANDS
29	04	58	16.5	32.849	S	71.195	W	50	G		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
29	04	59	57.0	10.429	N	126.186	E	33	N	5.4 5.4	0.9	115	PHILIPPINE ISLANDS REGION. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 04:59:59.8; Lat 10.28 N; Lon 126.51 E; Dep 20.8; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.40, Plg=75, Azm=262; (N) Val=-0.08, Plg=6, Azm=15; (P) Val=-2.31, Plg=13, Azm=107; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=205, Dip=32, Slip=101; NP2: Strike=12, Dip=59, Slip=83.

29	05	05	27.8*	51.158	N	15.765	E	10	G		1.3	9	POLAND
29	05	20	31.8?	8.21	S	130.76	E	96	?	4.2	1.0	9	TANIMBAR ISLANDS REG., INDONESIA
29	05	29	39.3*	10.386	N	126.168	E	49	?	4.5	0.9	27	PHILIPPINE ISLANDS REGION
29	05	41	20.5?	52.59	N	168.74	W	33	N	3.4	0.3	8	FOX ISLANDS, ALEUTIAN ISLANDS
29	05	41	39.0%	31.395	S	117.815	E	10	G		1.0	7	WESTERN AUSTRALIA
29	06	12	17.6%	31.417	S	117.705	E	10	G		0.7	5	WESTERN AUSTRALIA
29	06	28	09.1*	23.134	S	170.383	E	33	N	4.6	1.2	21	LOYALTY ISLANDS REGION
29	07	29	40.7?	7.66	S	130.30	E	152	?	4.3	1.5	10	TANIMBAR ISLANDS REG., INDONESIA
29	08	07	32.8&	61.850	N	150.950	W	60				72	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
29	09	04	41.1*	13.000	N	88.742	W	86	*	4.5	1.3	23	EL SALVADOR
29	09	10	56.0	49.031	N	128.069	W	10	G	3.9	0.9	41	VANCOUVER ISLAND REGION
29	10	01	48.8	50.942	N	179.082	E	33	N	4.1	1.0	29	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
29	10	41	24.7	33.630	S	14.454	W	10	G	5.2 4.5	0.7	47	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 10:41:31.8; Lat 33.51 S; Lon 14.18 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.94, Plg=4, Azm=105; (N) Val=-0.23, Plg=31, Azm=197; (P) Val=-1.71, Plg=59, Azm=8; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=166, Dip=49, Slip=-133; NP2:

Strike=41, Dip=56, Slip=-52.

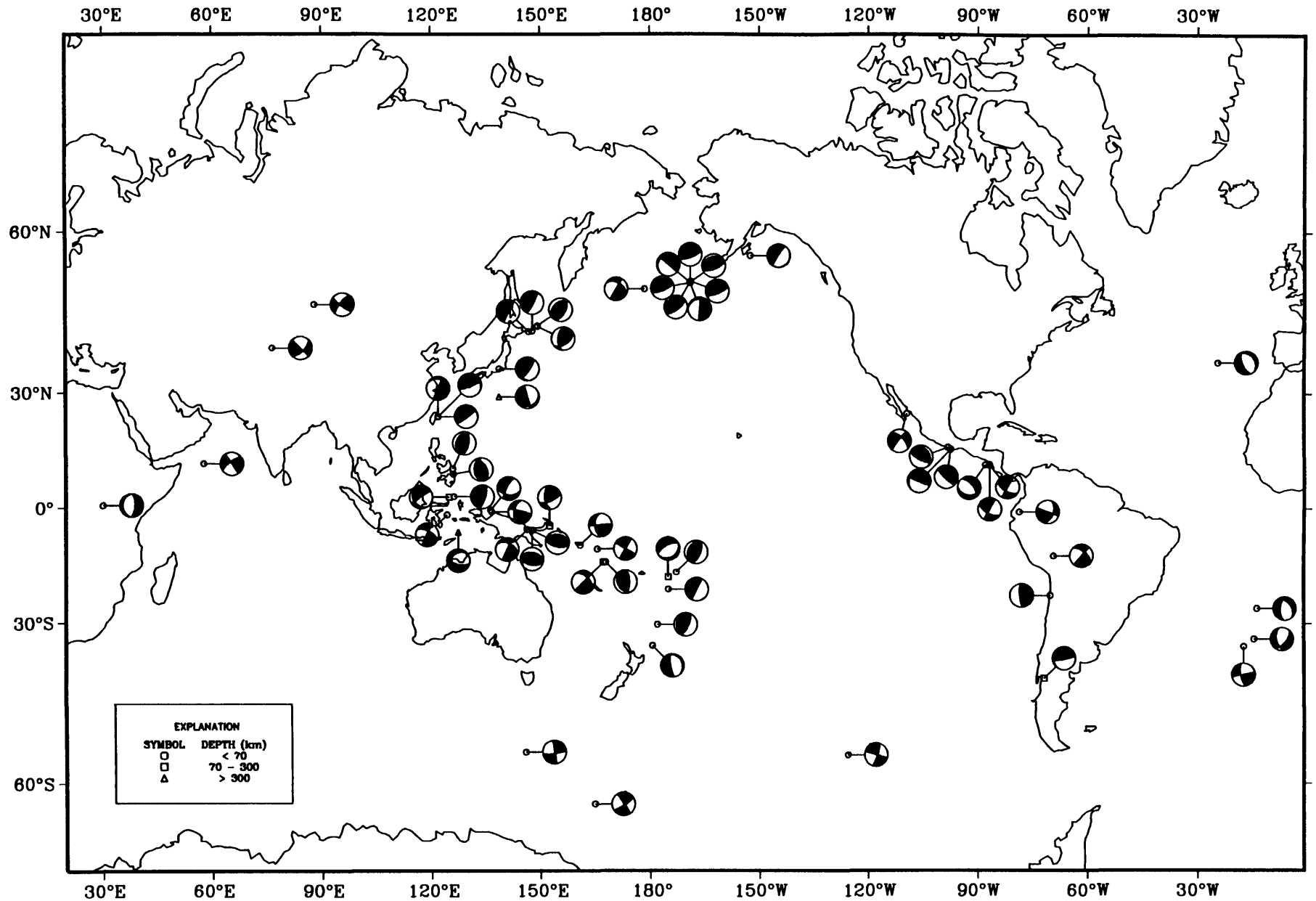
29 11 07 45.6? 2.27 N 128.01 E 33 N 3.7 0.7 7 HALMAHERA, INDONESIA
29 11 45 09.1 42.946 N 3.046 E 10 G 0.9 52 PYRENEES. ML 3.9 (STR), 3.8 (LDG). Felt (III) along the Mediterranean coast of France.
29 11 49 55.0* 43.207 N 127.166 W 10 G 2.8 0.4 36 OFF COAST OF OREGON
29 12 08 44.5? 31.19 S 69.10 W 200 G 0.4 10 SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).
29 13 04 05.1* 9.879 N 84.346 W 33 N 4.0 1.3 14 COSTA RICA
29 13 23 33.8* 38.616 S 176.698 E 140 ? 1.3 26 NORTH ISLAND, NEW ZEALAND
29 13 23 40.5 8.645 S 116.881 E 141 4.9 1.1 46 SUMBAWA REGION, INDONESIA
29 13 55 59.4 7.254 S 128.589 E 126 4.6 1.2 34 BANDA SEA
29 13 57 24.4? 1.26 S 78.54 W 33 N 4.3 1.2 8 ECUADOR
29 14 37 09.3* 50.633 N 12.060 E 10 G 0.6 5 GERMANY
29 15 27 43.0 82.903 N 43.508 W 10 G 4.8 1.1 99 NEAR NORTH COAST OF GREENLAND
29 15 35 47.8 24.796 S 69.793 W 33 N 4.5 0.8 29 NORTHERN CHILE. Felt (III) at Taltal and in the Cerro Paranal area; (II) at Antofagasta, Mejillones and at the La Escondida copper mine.
29 16 08 09.1* 40.650 N 47.715 E 33 N 3.9 1.0 15 EASTERN CAUCASUS
29 16 30 28.0? 36.67 S 177.24 E 33 N 3.9 0.8 11 OFF E. COAST OF N. ISLAND, N.Z.
29 16 35 02.0 38.052 N 72.946 E 126 * 4.1 0.9 40 TAJIKISTAN
29 18 14 49.4& 37.625 N 118.856 W 9 3.2 103 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.9 (BRK). MD 3.9 (GM). ML 4.1 (BRK), 4.0 (GS).
Scalar Moment (BRK): Mo=8.1*10**14 Nm.
29 18 28 45.2& 46.852 N 3.872 E 5 G 0.2 7 FRANCE. ML 1.6 (LDG).
29 19 04 47.8* 52.338 N 30.220 W 10 G 3.6 1.4 13 NORTHERN MID-ATLANTIC RIDGE
29 19 28 58.8? 52.60 N 168.93 W 33 N 3.5 1.1 7 FOX ISLANDS, ALEUTIAN ISLANDS
29 20 31 08.4* 44.506 S 167.596 E 10 G 1.0 17 SOUTH ISLAND, NEW ZEALAND
29 20 38 06.0 34.920 N 9.272 E 33 N 3.8 1.0 51 TUNISIA
29 20 53 15.1& 37.622 N 118.857 W 9 63 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.7 (GS), 3.6 (BRK).
29 21 08 25.9* 38.854 N 144.741 E 13 4.3 0.8 15 OFF EAST COAST OF HONSHU, JAPAN
29 21 13 55.1* 35.400 S 54.048 E 10 G 4.4 0.9 17 SOUTH INDIAN OCEAN
29 21 30 49.2* 43.964 N 147.307 E 33 N 3.9 1.0 14 KURIL ISLANDS
29 22 05 06.9* 17.818 S 178.399 W 553 D 4.5 1.0 35 FIJI ISLANDS REGION
29 22 33 26.1? 10.35 S 161.42 E 109 ? 3.8 0.7 7 SOLOMON ISLANDS
29 22 47 11.1? 28.37 N 142.77 E 33 N 3.9 0.7 6 BONIN ISLANDS REGION
29 23 27 32.3? 38.40 N 70.53 E 33 N 3.7 0.8 7 AFGHANISTAN-TAJIKISTAN BORD REG.
30 00 54 29.9 43.939 N 15.475 E 33 N 3.6 1.3 104 ADRIATIC SEA. ML 4.3 (LDG), 4.1 (VIE).
30 01 12 58.5& 63.240 N 151.100 W 13 2.6 49 CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.5 (PMR).
30 02 32 19.3& 37.629 N 118.854 W 9 47 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).
30 02 54 34.7* 43.160 N 2.656 W 10 G 1.3 7 SPAIN. mbLg 2.9 (MDD). ML 2.5 (LDG).
30 02 55 20.0? 0.84 N 126.71 E 33 N 4.7 1.3 10 NORTHERN MOLUCCA SEA
30 03 24 09.5* 19.261 N 73.749 W 33 N 3.9 1.0 18 HAITI REGION
30 03 31 53.6? 27.25 N 55.30 E 33 N 3.8 0.6 8 SOUTHERN IRAN
30 04 20 28.6* 51.848 N 30.241 W 10 G 3.9 0.9 18 NORTHERN MID-ATLANTIC RIDGE
30 04 32 50.9& 60.281 N 148.475 W 24 4.3 144 KENAI PENINSULA, ALASKA. <AEIC>. ML 4.2 (AEIC), 4.1 (PMR). Felt (III) at Moose Pass and Seward; (II) at Anchorage and Eagle River.
30 05 05 07.1 33.771 N 25.627 E 33 N 4.0 1.2 52 EASTERN MEDITERRANEAN SEA
30 05 50 03.1* 51.592 N 16.487 E 10 G 1.1 6 POLAND. ML 2.5 (MOX).
30 05 57 29.7& 37.627 N 118.860 W 8 102 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK).
30 06 06 39.0* 32.799 S 69.988 W 110 G 0.4 12 MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
30 06 14 23.3& 37.630 N 118.861 W 9 69 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.4 (BRK). Two events about 8 seconds apart.
30 06 46 04.6 51.417 N 158.008 E 43 D 4.2 1.0 36 NEAR EAST COAST OF KAMCHATKA
30 06 49 27.2& 37.627 N 118.864 W 9 70 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (BRK).
30 07 01 49.7 4.233 S 140.781 E 101 4.3 1.0 32 IRIAN JAYA, INDONESIA
30 07 17 16.8& 30.694 S 121.440 E 10 G 0.6 7 WESTERN AUSTRALIA
30 09 56 59.4? 55.85 S 125.67 W 10 G 4.7 5.1 1.3 28 SOUTHERN EAST PACIFIC RISE. Mw 6.1 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 09:57:06.5; Lat 55.82 S; Lon 124.33 W; Dep 15.0 Fix; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.61, Plg=6, Azm=332; (N) Val=-0.14, Plg=81, Azm=103; (P) Val=-1.47, Plg=7, Azm=241; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=17, Dip=81, Slip=-179; NP2: Strike=287, Dip=89, Slip-9.
30 12 34 13.1 11.928 S 165.230 E 82 ? 4.2 0.6 12 SANTA CRUZ ISLANDS
30 12 56 00.3 52.214 N 168.639 W 33 N 5.4 1.0 270 FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.7 (HRV). ML 5.2 (PMR). Felt (IV) at Nikolski.
Centroid, Moment Tensor (HRV): Centroid origin time 12:55:59.0; Lat 51.99 N; Lon 168.54 W; Dep 18.5; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=3.39, Plg=64, Azm=331; (N) Val=0.18, Plg=4, Azm=69; (P) Val=-3.57, Plg=26, Azm=161; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=260, Dip=20, Slip=101; NP2: Strike=68, Dip=71, Slip=86.
30 13 05 17.4 52.214 N 168.734 W 33 N 5.9 6.2 1.2 392 FOX ISLANDS, ALEUTIAN ISLANDS. Mw 6.3 (HRV), 6.2 (GS). Me 6.0 (GS). ML 6.1 (PMR). Felt (V) at Nikolski.
Broadband Source Parameters (GS): Dep 16; NP1: Strike=220, Dip=15, Slip=90; NP2: Strike=40, Dip=75, Slip=90; Radiated energy 2.5*10**13 Nm.
Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=2.52, Plg=51, Azm=348; (N) Val=0.04, Plg=19, Azm=234; (P) Val=-2.57, Plg=33, Azm=131; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=172, Dip=21, Slip=27; NP2: Strike=57, Dip=81, Slip=109.
Centroid, Moment Tensor (HRV): Centroid origin time 13:05:19.8; Lat 52.16 N; Lon 168.62 W; Dep 16.0; Half-duration 3.6 sec; Principal axes (scale 10**18 Nm): (T) Val=3.29, Plg=61, Azm=334; (N) Val=0.10, Plg=1, Azm=242; (P) Val=-3.39, Plg=29, Azm=152; Best double couple:

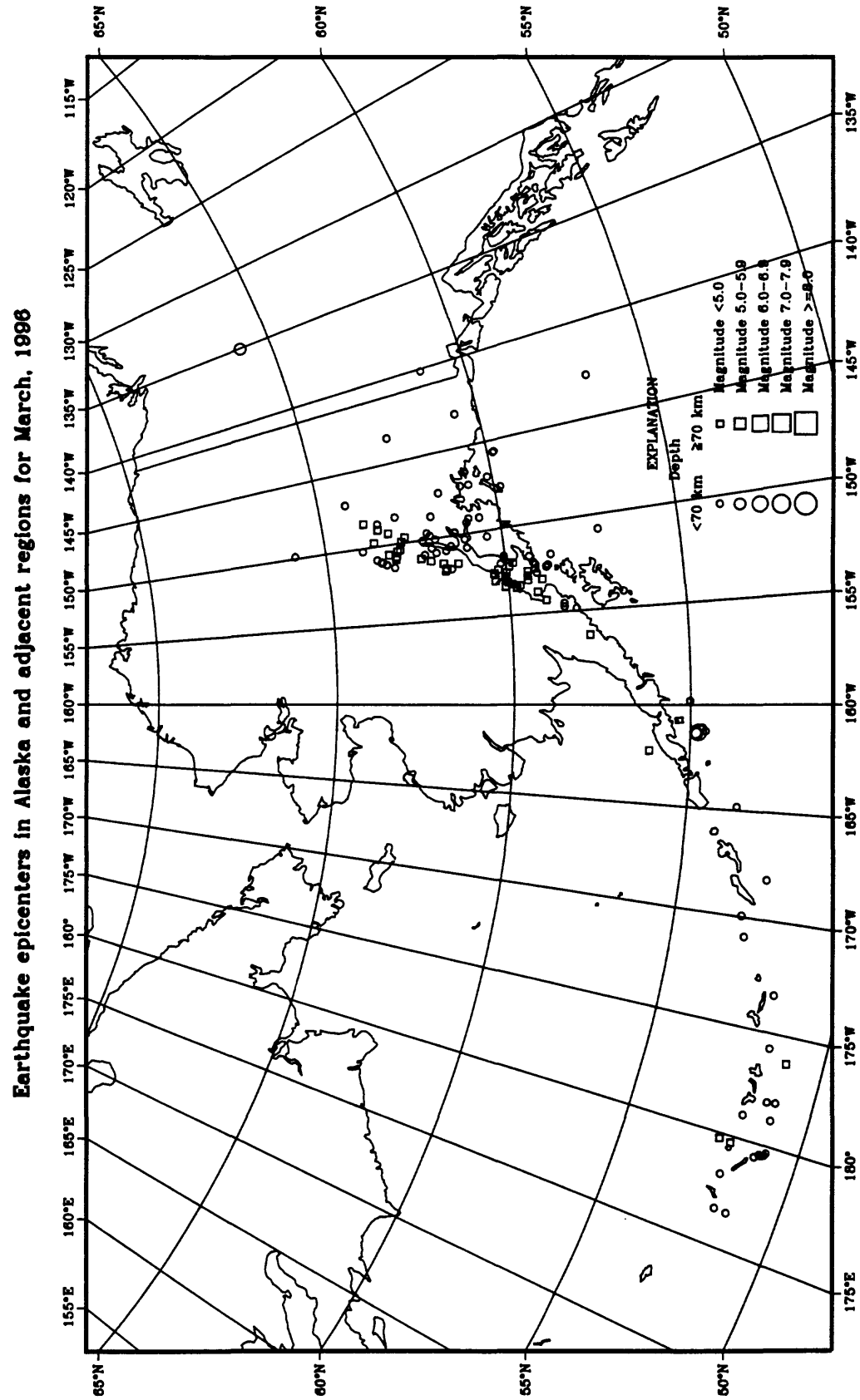
													Mo=3.3*10**18 Nm; NP1: Strike=239, Dip=17, Slip=87; NP2: Strike=62, Dip=74, Slip=91. Scalar Moment (PPT): Mo=4.3*10**18 Nm.
30	13	58	53.3&	37.626	N	118.868	W	9				55	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.7 (BRK), 3.6 (GS).
30	14	25	17.1*	56.973	S	24.882	W	33	N	4.3	0.9	19	SOUTH SANDWICH ISLANDS REGION
30	14	55	43.6*	50.048	S	131.597	E	33	N	4.6	1.3	26	SOUTH OF AUSTRALIA
30	15	00	18.3*	26.631	N	128.321	E	33	N	4.0	0.7	7	RYUKYU ISLANDS
30	15	03	50.5	44.778	N	150.268	E	33	N	4.5	1.2	48	EAST OF KURIL ISLANDS
30	15	14	13.9	43.162	N	146.456	E	46	D	5.0	0.9	84	KURIL ISLANDS
30	15	19	59.9	52.091	N	168.540	W	33	N	5.0 5.2	1.0	84	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (II) at Nikolski.
30	15	22	23.7&	37.624	N	118.860	W	8				128	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.1 (BRK). MD 4.0 (GM). ML 4.2 (BRK), 4.0 (GS). Scalar Moment (BRK): Mo=1.5*10**15 Nm.
30	16	23	44.3	10.485	N	126.378	E	33	N	4.8	1.2	43	PHILIPPINE ISLANDS REGION
30	17	24	08.9	37.186	N	71.800	E	157	?	4.3	0.8	39	AFGHANISTAN-TAJIKISTAN BORD REG.
30	17	37	02.4?	7.84	N	126.96	E	33	N	3.9	1.5	11	MINDANAO, PHILIPPINE ISLANDS
30	18	37	30.1	42.866	N	2.636	E	10	G		0.7	20	PYRENEES. mbLg 3.6 (MDD). ML 3.5 (LDG).
30	19	19	19.0*	28.210	N	143.236	E	33	N	3.9	1.3	10	BONIN ISLANDS REGION
30	19	53	59.3	56.157	S	27.523	W	109	D	4.7	0.9	47	SOUTH SANDWICH ISLANDS REGION
30	20	21	05.2&	63.296	N	148.963	W	7				53	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
30	20	40	23.5?	43.15	N	139.45	E	41	?	3.7	0.6	8	EASTERN SEA OF JAPAN
30	21	06	27.2*	2.160	N	148.885	E	33	N	4.4	1.1	20	E. CAROLINE ISLANDS, MICRONESIA
30	21	34	53.9?	6.86	N	34.06	W	10	G	4.0	1.2	11	CENTRAL MID-ATLANTIC RIDGE
30	22	21	29.8&	37.627	N	118.855	W	7				51	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.3 (BRK).
30	22	38	51.9*	33.540	N	25.426	E	10	G	3.9	1.1	33	EASTERN MEDITERRANEAN SEA
30	23	15	18.5&	37.627	N	118.865	W	7		3.2		119	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.2 (BRK). MD 4.0 (GM). ML 4.3 (BRK), 3.9 (GS). Scalar Moment (BRK): Mo=2.5*10**15 Nm.
30	23	16	40.2	44.481	N	149.434	E	53	D	5.4	0.9	238	KURIL ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:16:42.5; Lat 44.43 N; Lon 149.82 E; Dep 43.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.53, Plg=76, Azm=261; (N) Val=0.25, Plg=10, Azm=34; (P) Val=-1.78, Plg=10, Azm=125; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=227, Dip=36, Slip=106; NP2: Strike=27, Dip=56, Slip=78.
30	23	22	19.8	44.339	N	149.448	E	52	D	5.3	1.0	216	KURIL ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:22:23.4; Lat 44.47 N; Lon 149.63 E; Dep 40.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.16, Plg=62, Azm=33; (N) Val=-0.34, Plg=28, Azm=206; (P) Val=-1.81, Plg=3, Azm=298; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=54, Dip=49, Slip=128; NP2: Strike=184, Dip=54, Slip=55.
30	23	24	13.1&	37.631	N	118.875	W	7				30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
30	23	31	10.4	44.440	N	149.292	E	33	N	4.8	1.0	86	KURIL ISLANDS
31	00	09	47.4?	45.94	N	149.16	E	234	?	3.2	1.4	10	KURIL ISLANDS
31	01	04	37.4?	32.58	S	71.64	W	50	G		0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
31	01	26	30.5*	44.536	N	149.503	E	44	?	3.7	1.2	22	KURIL ISLANDS
31	01	39	31.7	10.191	S	161.016	E	64	D	5.2	1.0	100	SOLOMON ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:39:34.9; Lat 10.70 S; Lon 161.49 E; Dep 71.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.18, Plg=30, Azm=138; (N) Val=-0.01, Plg=50, Azm=271; (P) Val=-1.17, Plg=24, Azm=33; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=174, Dip=50, Slip=176; NP2: Strike=267, Dip=87, Slip=40.
31	02	00	14.3&	37.624	N	118.875	W	7				80	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.5 (BRK).
31	02	03	59.4*	16.593	S	179.612	W	538		4.1	0.5	21	FIJI ISLANDS REGION
31	02	06	32.0?	56.57	N	151.22	W	33	N	3.5	1.4	8	KODIAK ISLAND REGION
31	02	12	50.5	35.302	N	21.401	E	10	G	4.0	0.9	56	CENTRAL MEDITERRANEAN SEA
31	02	35	45.1&	37.590	N	118.888	W	3				56	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.9 (BRK).
31	02	36	35.0&	37.590	N	118.888	W	3	G			31	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.4 (BRK). Hypocenter held to event 50 seconds earlier.
31	03	07	14.0	43.019	N	88.680	E	33	N	4.2	0.9	23	NORTHERN XINJIANG, CHINA
31	03	09	29.3?	55.53	S	25.24	W	33	N	4.5	1.0	12	SOUTH SANDWICH ISLANDS REGION
31	03	38	52.1&	37.613	N	118.880	W	3				36	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
31	03	59	00.6%	33.489	S	70.583	W	90	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
31	04	54	13.7?	14.65	S	179.12	W	428	?	3.7	0.7	12	FIJI ISLANDS REGION
31	06	08	01.7	45.935	N	7.397	E	5	G	4.3	1.2	119	NORTHERN ITALY. ML 4.5 (LDG), 4.5 (VIE), 4.4 (FUR).
31	07	34	30.6*	51.570	N	7.094	E	10	G		0.4	5	GERMANY. ML 1.8 (UCC).
31	07	49	19.2%	33.690	S	70.765	W	80	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
31	08	20	25.9&	37.620	N	118.863	W	7				50	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.2 (BRK). Two events about 8 seconds apart. Hypocenter is for the first event and magnitudes are for the second and larger event.
31	08	22	46.9	23.179	N	143.869	E	27	D	4.1	0.9	25	VOLCANO ISLANDS REGION
31	08	40	31.5?	36.87	N	7.71	W	33	N		0.9	20	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
31	09	27	14.7*	11.187	N	87.686	W	33	N	3.6	1.0	11	NEAR COAST OF NICARAGUA
31	09	33	42.1	41.996	N	20.077	E	10	G	3.5	1.1	50	ALBANIA. ML 3.5 (THE).
31	10	09	30.7*	53.586	N	162.982	E	33	D	3.8	1.3	12	OFF EAST COAST OF KAMCHATKA
31	10	35	10.9	3.902	S	127.028	E	44	*	5.0	1.3	59	SERAM, INDONESIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:35:12.5; Lat 3.93 S; Lon 127.03 E; Dep 36.2; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.87, Plg=76, Azm=337; (N) Val=0.16, Plg=6, Azm=90; (P) Val=-1.03, Plg=13, Azm=182; Best double couple: Mo=9.5*10**16 Nm; NP1: Strike=279, Dip=33, Slip=101; NP2: Strike=87, Dip=58, Slip=83.

31	11	50	24.9?	34.04	S	70.34	W	110	G			0.2	5	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
31	13	05	55.6?	41.16	S	88.73	E	10	G	4.1		0.9	10	SOUTHEAST INDIAN RIDGE
31	14	09	35.8&	37.622	N	118.865	W	7					53	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
31	14	12	50.5	38.818	N	117.926	W	5	G			0.9	23	NEVADA. ML 3.3 (GS), 3.2 (BRK). MD 3.2 (REN).
31	14	14	55.7*	6.746	S	72.424	E	16	D	4.5		0.9	23	CHAGOS ARCHIPELAGO REGION
31	14	54	46.5?	7.21	S	129.37	E	168	?	4.4		1.4	11	BANDA SEA
31	15	07	24.5?	29.44	N	50.83	E	33	N	3.7		1.0	7	SOUTHERN IRAN
31	15	12	16.8*	29.657	N	50.621	E	10	D	4.3		1.1	26	SOUTHERN IRAN
31	15	28	30.4?	52.42	N	168.81	W	33	N	3.6		1.2	14	FOX ISLANDS, ALEUTIAN ISLANDS
31	15	42	36.2?	44.59	N	149.22	E	57	?	3.6		1.1	12	KURIL ISLANDS
31	16	02	06.0	32.052	N	49.468	E	33	N	4.3		0.7	28	WESTERN IRAN
31	16	05	27.8?	46.35	N	8.09	E	10	G			1.1	6	SWITZERLAND. ML 2.0 (LDG).
31	16	20	26.9&	60.150	N	153.050	W	123		3.3			51	SOUTHERN ALASKA. <AEIC>.
31	17	20	55.0	43.099	N	0.474	E	10	G			1.0	21	FRANCE. ML 3.2 (LDG), 2.6 (STR). mbLg 3.2 (MDD).
31	18	21	03.6?	5.20	S	152.10	E	33	N	3.8		1.5	9	NEW BRITAIN REGION, P.N.G.
31	19	18	06.7&	37.627	N	118.876	W	7					53	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.5 (GS), 3.3 (BRK).
31	19	27	38.4&	37.621	N	118.876	W	7					74	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.8 (BRK), 3.7 (GS).
31	20	09	11.9*	30.059	N	88.315	E	33	N	3.9		1.2	21	XIZANG
31	21	13	28.2*	29.774	N	50.515	E	37	?	4.1		1.1	24	SOUTHERN IRAN
31	21	20	12.7?	5.30	S	150.47	E	33	N	4.5		1.0	11	NEW BRITAIN REGION, P.N.G.
31	21	31	37.2	30.468	N	131.083	E	43	D	4.6	4.5	1.0	63	KYUSHU, JAPAN
31	21	34	37.7*	15.956	N	92.021	W	33	N	3.9		1.3	13	MEXICO-GUATEMALA BORDER REGION
31	21	43	53.1	14.477	N	93.564	W	53	*	4.3		1.0	35	NEAR COAST OF CHIAPAS, MEXICO
31	21	51	49.3*	14.433	N	93.667	W	33	N	4.1		0.8	13	NEAR COAST OF CHIAPAS, MEXICO
31	22	09	27.4*	11.174	S	165.596	E	50	?	4.6		1.0	30	SANTA CRUZ ISLANDS
31	23	30	59.0?	17.15	N	101.31	W	33	N	4.0		0.7	7	NEAR COAST OF GUERRERO, MEXICO
31	23	32	37.7*	44.661	N	148.042	E	90	?	3.6		0.7	9	KURIL ISLANDS
31	23	39	00.3*	17.066	N	101.131	W	32		4.0		1.2	29	NEAR COAST OF GUERRERO, MEXICO
31	23	41	43.1	11.178	S	165.644	E	33	N	5.6	6.1	1.0	196	SANTA CRUZ ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Me 6.1 (GS). Broadband Source Parameters (GS): Dep 18; NP1: Strike=120, Dip=90, Slip=30; NP2: Strike=30, Dip=60, Slip=180; Radiated energy 3.5*10**13 Nm. Moment Tensor (GS): Dep 15; Principal axes (scale 10**17 Nm): (T) Val=9.44, Plg=36, Azm=13; (N) Val=0.09, Plg=8, Azm=109; (P) Val=-9.52, Plg=52, Azm=209; Best double couple: Mo=9.5*10**17 Nm; NP1: Strike=65, Dip=11, Slip=-134; NP2: Strike=290, Dip=82, Slip=-82. Centroid, Moment Tensor (HRV): Centroid origin time 23:41:47.5; Lat 11.18 S; Lon 165.70 E; Dep 25.9; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=0.97, Plg=26, Azm=347; (N) Val=0.21, Plg=37, Azm=99; (P) Val=-1.18, Plg=42, Azm=231; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=28, Dip=38, Slip=-165; NP2: Strike=286, Dip=81, Slip=-53.
31	23	44	39.8*	16.934	N	101.291	W	10	G	3.7		1.1	15	NEAR COAST OF GUERRERO, MEXICO
31	23	50	31.9*	52.481	N	168.711	W	33	N	4.2		0.5	16	FOX ISLANDS, ALEUTIAN ISLANDS

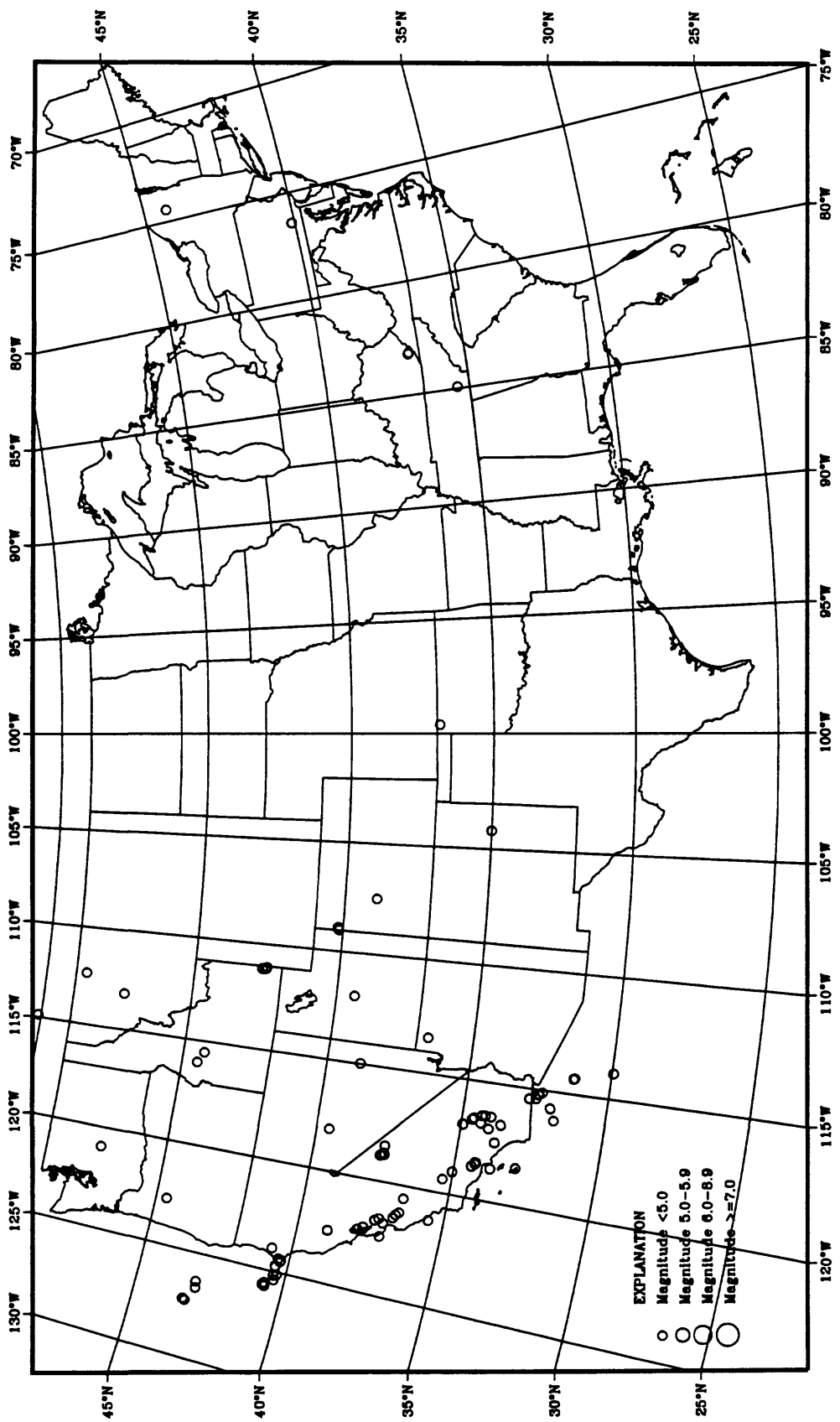
Compiled by Francis W. Baldwin, Pamela J. Benfield, Don L. Blakeman, George L. Choy, Stuart K. Koyanagi, John H. Minsch, Waverly J. Person, Stuart A. Sipkin and Madeleine D. Zirbes.

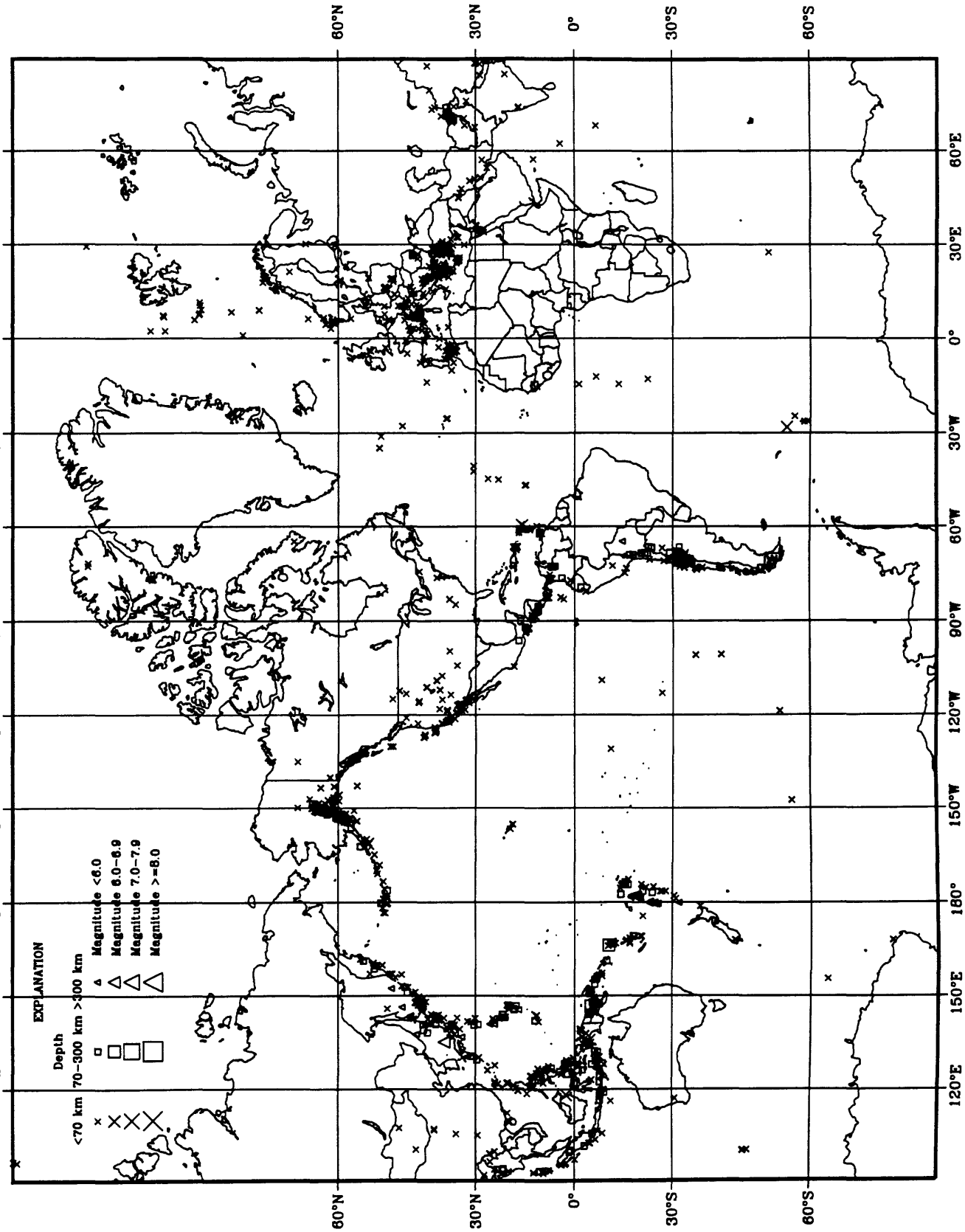
Earthquake Focal Mechanisms for March 1996




Earthquake epicenters in Alaska and adjacent regions for March, 1996
EXPLANATION
Depth
<70 km ≥70 km
Magnitude <5.0
Magnitude 5.0-5.9
Magnitude 6.0-6.9
Magnitude 7.0-7.9
Magnitude >=8.0
65°N
60°N
55°N
50°N
115°W
120°W
125°W
130°W
135°W
140°W
145°W
150°W
155°W
160°W
165°W
170°W
175°W
180°
175°E
170°E
165°E
160°E
155°E

Earthquake epicenters in the conterminous United States and adjacent regions for March, 1998




Earthquakes located in March, 1996
EXPLANATION
Depth
<70 km 70-300 km >300 km
Magnitude <6.0
Magnitude 6.0-6.9
Magnitude 7.0-7.9
Magnitude >=8.0
60°N
30°N
0°
30°S
60°S
120°E
150°E
180°
150°W
120°W
90°W
60°W
30°W
0°
30°E
60°E