U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

APRIL – JUNE 1996

NATIONAL EARTHQUAKE INFORMATION CENTER

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1997

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APRIL 1996

ORIGIN TIME				GEOGRAPHIC		DEPTH	MAGNITUDE	SD	NO.	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
UTC				COORDINATES			GS		STA	
DAY	HR	MN	SEC	LAT	LONG		MB Msz		USED	
01	00	21	32.7*	31.880 S	70.793 W	100 G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
01	02	33	55.1*	60.046 N	149.110 W	15			68	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC).
01	02	58	37.4*	17.585 S	178.800 W	600 G	4.3	0.8	28	FIJI ISLANDS REGION
01	03	43	03.1	16.666 N	95.835 W	57 D	4.9	1.1	158	OAXACA, MEXICO. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:43:02.4; Lat 16.42 N; Lon 96.06 W; Dep 57.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.78, Plg=17, Azm=51; (N) Val=1.86, Plg=18, Azm=315; (P) Val=-7.64, Plg=65, Azm=180; Best double couple: Mo=6.7*10**16 Nm; NP1: Strike=167, Dip=33, Slip=-54; NP2: Strike=306, Dip=64, Slip=-111.
01	04	07	51.3*	37.618 N	118.854 W	7			66	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK), 3.4 (GS).
01	04	13	36.4*	37.615 N	118.859 W	10	3.4		118	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.9 (GM). ML 4.1 (BRK), 3.9 (GS).
01	04	32	00.9*	61.044 N	151.442 W	63			60	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
01	04	39	31.4*	2.293 S	134.040 E	33 N	4.8	1.1	23	IRIAN JAYA REGION, INDONESIA
01	05	06	08.6	14.564 N	93.471 W	33 N	5.1 5.0	1.2	156	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:06:11.2; Lat 14.41 N; Lon 93.67 W; Dep 15.0 Fix; Half- duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.81, Plg=64, Azm=75; (N) Val=-0.29, Plg=13, Azm=315; (P) Val=-1.52, Plg=22, Azm=220; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=286, Dip=26, Slip=58; NP2: Strike=141, Dip=68, Slip=105.
01	05	07	12.5*	14.28 N	93.75 W	33 N	4.7	1.1	20	NEAR COAST OF CHIAPAS, MEXICO
01	05	38	30.0*	51.65 N	30.21 W	10 G	3.5	1.5	6	NORTHERN MID-ATLANTIC RIDGE
01	05	47	43.4*	36.472 N	121.038 W	5			13	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
01	06	10	52.9	14.551 N	93.530 W	33 N	5.2 5.4	1.1	155	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:10:55.9; Lat 14.57 N; Lon 93.85 W; Dep 16.2; Half- duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.24, Plg=61, Azm=49; (N) Val=-0.05, Plg=6, Azm=307; (P) Val=-5.19, Plg=28, Azm=214; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=287, Dip=18, Slip=69; NP2: Strike=129, Dip=73, Slip=97.
01	06	11	08.2*	38.673 S	175.193 E	303 *		0.4	30	NORTH ISLAND, NEW ZEALAND
01	06	42	22.5*	14.384 N	93.580 W	33 N	4.3	1.2	33	NEAR COAST OF CHIAPAS, MEXICO
01	08	08	02.6	31.496 N	73.461 E	43 D	5.5 4.8	1.0	204	PAKISTAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:08:06.5; Lat 31.32 N; Lon 73.12 E; Dep 91.7; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.87, Plg=76, Azm=153; (N) Val=-0.47, Plg=6, Azm=269; (P) Val=-7.40, Plg=12, Azm=0; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=98, Dip=33, Slip=101; NP2: Strike=265, Dip=58, Slip=83.
01	08	35	46.0*	51.89 N	30.33 W	10 G	3.8	1.5	9	NORTHERN MID-ATLANTIC RIDGE
01	08	48	35.7*	34.215 N	116.439 W	4			32	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 2.9 (GS).
01	09	32	04.1*	33.719 S	70.801 W	70 G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
01	10	16	24.8*	60.494 N	152.195 W	85			56	SOUTHERN ALASKA. <AEIC>.
01	11	42	06.9*	33.890 S	71.229 W	60 G		1.1	10	NEAR COAST OF CENTRAL CHILE
01	13	09	18.4*	11.219 S	165.740 E	33 N	4.1	0.8	12	SANTA CRUZ ISLANDS
01	13	36	41.0*	44.115 N	148.945 E	33 N	4.1	0.9	23	KURIL ISLANDS
01	13	52	35.6*	35.312 N	133.334 E	10 G		0.5	8	WESTERN HONSHU, JAPAN
01	14	20	52.7*	29.505 N	50.831 E	33 N	4.2	1.2	15	SOUTHERN IRAN. Felt in the Shabankareh area.
01	14	21	59.6*	29.47 N	50.98 E	33 N	4.2	1.2	10	SOUTHERN IRAN. Felt in the Shabankareh area.
01	14	24	52.0*	1.048 S	136.718 E	33 N	4.3	1.1	14	IRIAN JAYA REGION, INDONESIA
01	16	51	40.4*	29.683 N	50.678 E	33 N	4.2	1.2	18	SOUTHERN IRAN. Felt in the Shabankareh area.
01	18	35	28.9*	63.213 N	151.250 W	13	2.9		76	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC).
01	18	40	55.2	11.917 N	86.617 W	81 D	4.7	1.1	79	NEAR COAST OF NICARAGUA. Felt (II) at San Salvador, El Salvador.

01	18	46	39.2?	1.88	S	138.51	E	33	N	3.8	0.9	8	NEAR NORTH COAST OF IRIAN JAYA
01	19	45	25.9?	11.51	S	165.93	E	33	N	4.0	1.0	8	SANTA CRUZ ISLANDS
01	20	32	10.1	0.844	N	120.145	E	33	N	4.9	1.1	48	MINAHASSA PENINSULA, SULAWESI
01	21	25	28.2*	0.279	S	99.815	E	109	D	4.0	1.2	23	SOUTHERN SUMATERA, INDONESIA
01	21	37	53.0*	2.524	S	77.721	W	33	N	4.6	0.9	39	PERU-ECUADOR BORDER REGION. Felt in the epicentral area, Ecuador.
01	21	38	54.3*	11.247	S	165.705	E	33	N	4.2	1.0	26	SANTA CRUZ ISLANDS
01	22	54	14.2*	2.716	N	84.353	W	33	N	4.4	1.4	37	OFF COAST OF CENTRAL AMERICA
01	23	31	01.5	38.688	N	119.606	W	5	G		0.7	28	CALIFORNIA-NEVADA BORDER REGION. MD 3.0 (GM).
02	00	33	09.7	6.763	N	73.062	W	172	*	4.2	0.9	38	NORTHERN COLOMBIA
02	01	05	28.7%	32.965	S	70.295	W	110	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
02	01	09	40.8*	52.369	N	168.686	W	33	N	4.0	1.3	25	FOX ISLANDS, ALEUTIAN ISLANDS
02	01	10	35.2*	52.537	N	168.706	W	33	N	4.3	0.8	14	FOX ISLANDS, ALEUTIAN ISLANDS
02	01	17	05.3*	3.084	N	35.945	E	10	G	4.3	1.2	20	KENYA
02	01	50	07.6%	37.625	N	118.858	W	7		3.6	132	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.4 (BRK). MD 4.2 (GM). ML 4.4 (BRK). Felt at Mammoth Lakes, California and as far as Bishop, California. Scalar Moment (BRK): Mo=3.9*10**15 Nm.	
02	02	28	34.7?	41.23	N	77.65	E	33	N	4.3	1.5	16	KYRGYZSTAN-XINJIANG BORDER REG.
02	02	55	21.8	14.005	N	145.053	E	85		4.8	1.1	78	MARIANA ISLANDS. Felt (IV) in the southern part and (III) in the northern part of Guam.
02	03	02	09.6*	11.276	S	165.766	E	33	N	4.6	1.2	36	SANTA CRUZ ISLANDS
02	03	04	02.9	11.218	S	165.671	E	33	N	5.1 5.5	1.0	77	SANTA CRUZ ISLANDS. Mw 5.7 (GS), 5.5 (HRV). Moment Tensor (GS): Dep 4; Principal axes (scale 10**17 Nm): (T) Val=3.25, Plg=33, Azm=26; (N) Val=0.20, Plg=8, Azm=291; (P) Val=-3.45, Plg=56, Azm=189; Best double couple: Mo=3.4*10**17 Nm; NP1: Strike=143, Dip=14, Slip=-57; NP2: Strike=289, Dip=78, Slip=-98. Centroid, Moment Tensor (HRV): Centroid origin time 03:04:06.0; Lat 11.29 S; Lon 165.70 E; Dep 27.4; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.92, Plg=31, Azm=355; (N) Val=0.58, Plg=34, Azm=109; (P) Val=-2.50, Plg=40, Azm=234; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=30, Dip=35, Slip=-172; NP2: Strike=293, Dip=85, Slip=-56.
02	03	16	34.3*	11.623	S	165.569	E	33	N	4.3	0.9	13	SANTA CRUZ ISLANDS
02	03	38	33.6?	11.22	S	165.67	E	33	N	4.3	1.6	13	SANTA CRUZ ISLANDS
02	03	47	00.3%	33.738	N	115.922	W	7				32	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
02	04	04	09.1	9.842	S	120.068	E	57		5.0	1.3	49	SUMBA REGION, INDONESIA. Felt strongly at Waingapu.
02	04	07	06.2*	0.485	S	135.750	E	33	N	4.7	1.5	23	IRIAN JAYA REGION, INDONESIA
02	05	02	55.6*	9.035	S	156.153	E	33	N	3.7	0.7	7	SOLOMON ISLANDS
02	05	42	59.3*	11.155	S	165.501	E	33	N	4.4	0.9	24	SANTA CRUZ ISLANDS
02	05	58	22.0?	3.47	S	137.47	E	33	N	4.0	1.4	6	IRIAN JAYA, INDONESIA
02	06	03	18.0?	31.28	S	179.19	E	500	G	4.0	1.0	8	KERMADEC ISLANDS REGION
02	06	23	57.2?	30.46	S	72.15	W	33	N		0.1	11	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
02	07	32	02.3%	64.485	N	150.450	W	31			29	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.7 (PMR).	
02	07	59	26.1	37.827	N	26.995	E	33	N	4.9 5.1	1.1	190	DODECANESE ISLANDS. Mw 5.4 (HRV). ML 4.7 (THE). Some minor damage to buildings in the epicentral area. Felt in many parts of southwestern Turkey. Centroid, Moment Tensor (HRV): Centroid origin time 07:59:27.6; Lat 37.83 N; Lon 26.94 E; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.51, Plg=10, Azm=198; (N) Val=0.11, Plg=23, Azm=292; (P) Val=-1.62, Plg=64, Azm=86; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=262, Dip=41, Slip=-127; NP2: Strike=127, Dip=59, Slip=-62.
02	08	07	01.1?	45.26	N	144.04	E	33	N	4.1	1.1	7	HOKKAIDO, JAPAN REGION
02	08	25	56.2%	34.359	N	118.658	W	14			48	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). Felt.	
02	08	35	38.3%	44.220	N	7.431	E	5	G		5	NORTHERN ITALY. ML 1.7 (GEN).	
02	08	43	51.6	43.565	N	0.638	W	10	G		0.9	15	PYRENEES. mbLg 3.4 (MDD). ML 3.4 (LDG). Felt (II) in the Lacq Oilfield area, France. Mining induced.
02	10	16	13.6?	14.46	N	93.80	W	33	N	3.9	1.6	9	NEAR COAST OF CHIAPAS, MEXICO
02	10	24	38.0*	7.202	S	129.067	E	113		4.9	0.9	70	BANDA SEA
02	10	37	02.0	46.086	N	7.026	E	5	G		1.0	19	SWITZERLAND. ML 2.6 (LDG), 2.5 (GEN).
02	10	41	24.4*	29.427	N	51.705	E	33	N	3.9	1.4	15	SOUTHERN IRAN
02	10	45	24.6	30.988	N	41.270	W	10	G	4.5 3.9	0.8	42	NORTHERN MID-ATLANTIC RIDGE
02	11	00	39.7%	60.671	N	150.649	W	38				50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
02	11	12	36.1*	31.048	N	41.249	W	10	G	3.9	1.0	13	NORTHERN MID-ATLANTIC RIDGE
02	11	46	32.3?	24.24	N	123.45	E	51	*	3.7	0.7	7	SOUTHWESTERN RYUKYU ISLANDS
02	12	56	54.7%	44.385	N	7.393	E	10	G		0.2	5	NORTHERN ITALY. ML 2.1 (GEN).
02	14	01	17.2?	37.79	N	27.87	E	33	N	3.6	1.9	11	TURKEY
02	14	37	42.5*	22.680	N	144.239	E	33	N	4.0	1.1	20	VOLCANO ISLANDS REGION
02	14	46	49.3?	34.64	N	25.11	E	33	N	3.7	0.7	8	CRETE
02	14	47	42.3?	8.24	S	147.48	E	51	?	4.1	1.3	13	EASTERN NEW GUINEA REG., P.N.G.
02	16	03	27.5	27.879	N	130.202	E	33	N	4.1	1.0	34	RYUKYU ISLANDS
02	16	12	56.9*	7.302	N	79.928	W	49	*	4.4	1.1	36	SOUTH OF PANAMA. Felt (IV) at Tonosi and (III) at Las Tablas and Pedasi.
02	17	29	16.3%	47.685	N	121.928	W	23			78	WASHINGTON. <SEA-P>. MD 2.9 (SEA). Felt at Carnation and North Bend.	
02	17	34	23.2*	29.228	N	140.193	E	400	G	3.8	1.0	16	SOUTH OF HONSHU, JAPAN
02	17	36	43.7*	31.141	N	41.549	W	10	G	4.1	1.2	23	NORTHERN MID-ATLANTIC RIDGE
02	18	13	10.6?	20.78	S	178.21	W	600	G	3.8	1.1	12	FIJI ISLANDS REGION
02	18	50	36.6	3.065	N	126.286	E	41		5.7 5.4	1.2	167	TALAUD ISLANDS, INDONESIA. Mw 5.9 (HRV), 5.6 (GS). Moment Tensor (GS): Dep 34; Principal axes (scale 10**17 Nm): (T) Val=3.20, Plg=63, Azm=238; (N) Val=-0.02, Plg=22, Azm=21; (P) Val=-3.18, Plg=15, Azm=117; Best double couple: Mo=3.2*10**17 Nm; NP1: Strike=235, Dip=36, Slip=131; NP2: Strike=9, Dip=63, Slip=65. Centroid, Moment Tensor (HRV): Centroid origin time 18:50:43.4; Lat 3.13 N; Lon 126.43 E; Dep 15.0 Bdy; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=8.41, Plg=60, Azm=132; (N) Val=-0.23, Plg=11, Azm=23; (P) Val=-8.18, Plg=28, Azm=287; Best double couple:

Mo=8.3*10**17 Nm; NP1: Strike=351, Dip=20, Slip=56; NP2: Strike=206, Dip=74, Slip=101.

02	19	04	31.0?	33.01	S	72.01	W	10	G	0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).	
2	19	15	52.3	36.925	N	69.290	E	82	?	1.5	18	HINDU KUSH REGION, AFGHANISTAN	
2	19	17	47.9*	11.204	S	165.878	E	33	N	1.2	18	SANTA CRUZ ISLANDS	
02	19	34	45.7*	33.633	S	71.598	W	33	N	0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
02	19	56	39.0	38.743	N	119.590	W	5	G	0.7	39	CALIFORNIA-NEVADA BORDER REGION. MD 3.1 (GM). ML 3.1 (BRK), 3.1 (GS).	
02	20	35	32.5	40.225	N	143.770	E	33	N	1.1	36	OFF EAST COAST OF HONSHU, JAPAN	
02	20	53	53.6*	35.953	N	141.596	E	33	N	0.6	9	NEAR EAST COAST OF HONSHU, JAPAN	
02	21	08	57.4?	1.04	S	136.57	E	33	N	1.3	9	IRIAN JAYA REGION, INDONESIA	
02	21	32	31.0*	34.405	S	70.219	W	5	G	0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).	
02	23	18	34.4*	36.569	N	2.866	W	10	G	0.9	10	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).	
03	00	08	54.0*	23.048	S	66.797	W	210	*	0.7	10	JUJUY PROVINCE, ARGENTINA	
03	00	49	16.3*	41.340	N	50.111	E	33	N	0.9	13	CASPIAN SEA	
03	00	57	00.3?	34.70	S	70.58	W	120	G	0.1	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).	
03	01	06	50.8*	34.356	S	70.804	W	90	G	0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).	
03	01	24	03.8?	33.76	N	4.84	W	33	N	1.3	20	MOROCCO. mbLg 3.0 (MDD).	
03	01	39	37.7*	33.738	N	115.922	W	7			28	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 3.0 (GS).	
03	03	37	13.1*	3.126	N	35.940	E	10	G	0.7	17	KENYA	
03	03	40	54.6*	33.802	S	71.060	W	60	G	0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.3 (SAN).	
03	04	12	07.1?	25.67	N	123.83	E	150	G	0.8	12	NORTHEAST OF TAIWAN	
03	04	43	14.1	37.679	N	118.866	W	5	G	0.8	31	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS).	
03	06	04	21.5	37.701	N	118.873	W	5	G	0.9	47	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS).	
03	06	04	23.6?	37.19	N	138.55	E	186	*	1.0	11	NEAR WEST COAST OF HONSHU, JAPAN	
03	06	46	50.7*	59.507	N	152.758	W	95		3.3	83	SOUTHERN ALASKA. <AEIC>.	
03	07	00	29.1*	31.829	S	69.835	W	100	G	0.8	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).	
03	08	09	06.9*	5.608	S	148.951	E	166	*	0.9	14	NEW BRITAIN REGION, P.N.G.	
03	08	11	48.6?	33.23	N	138.24	E	188	?	0.4	8	SOUTH OF HONSHU, JAPAN	
03	08	22	12.3*	62.734	N	149.614	W	70			48	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).	
03	08	48	34.1?	7.99	S	129.44	E	100	G	1.1	9	BANDA SEA	
03	08	59	27.8*	23.745	S	177.411	W	170	D	1.2	29	SOUTH OF FIJI ISLANDS	
03	09	15	55.6*	40.429	N	125.139	W	5			28	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.2 (BRK).	
03	09	25	55.9?	22.92	S	170.77	E	33	N	1.7	11	LOYALTY ISLANDS REGION	
03	09	41	51.6?	32.16	S	71.48	W	33	N	0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
03	09	51	18.9*	0.994	S	136.872	E	33	N	1.3	16	IRIAN JAYA REGION, INDONESIA	
03	09	56	49.3?	21.36	S	68.39	W	133	D	1.6	9	CHILE-BOLIVIA BORDER REGION	
03	10	11	38.5?	1.15	S	136.71	E	33	N	1.0	9	IRIAN JAYA REGION, INDONESIA	
03	10	15	12.5*	0.893	S	136.131	E	33	N	1.5	20	IRIAN JAYA REGION, INDONESIA	
03	11	42	25.8*	2.788	S	129.033	E	33	N	1.3	9	SERAM, INDONESIA	
03	12	18	42.7?	51.71	N	30.13	W	10	G	1.8	6	NORTHERN MID-ATLANTIC RIDGE	
03	12	31	23.4*	51.832	N	30.231	W	10	G	0.9	10	NORTHERN MID-ATLANTIC RIDGE	
03	13	04	34.5	40.761	N	15.493	E	10	G	4.7	113	SOUTHERN ITALY. MD 4.9 (TRI). ML 4.7 (THE), 4.4 (ROM).	
03	13	11	37.2*	33.428	S	70.128	W	110	G	0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).	
03	15	44	08.2*	44.947	N	6.528	E	10	G	0.4	12	FRANCE. ML 2.6 (GEN).	
03	15	44	52.7?	44.94	N	6.67	E	10	G		4	FRANCE. ML 1.6 (GEN).	
03	16	27	45.0?	32.95	S	72.00	W	10	G	0.3	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
03	16	43	12.6*	31.409	S	117.718	E	10	G	0.6	5	WESTERN AUSTRALIA	
03	17	26	38.1	1.112	N	120.407	E	33	D	1.2	85	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (HRV). Felt strongly at Tolitoli.	
Centroid, Moment Tensor (HRV): Centroid origin time 17:26:43.4; Lat 1.55 N; Lon 120.35 E; Dep 41.9; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.59, Plg=64, Azm=190; (N) Val=0.43, Plg=9, Azm=81; (P) Val=-2.02, Plg=24, Azm=347; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=58, Dip=22, Slip=66; NP2: Strike=264, Dip=70, Slip=100.													
03	17	36	19.0?	16.55	S	173.59	W	33	N	1.1	15	TONGA ISLANDS	
03	19	04	24.1	1.062	N	120.295	E	33	N	1.1	35	MINAHASSA PENINSULA, SULAWESI	
03	19	43	26.4?	7.21	S	128.20	E	100	G	1.2	8	BANDA SEA	
03	19	53	44.8*	21.947	S	179.673	W	600	G	0.8	23	FIJI ISLANDS REGION	
03	20	16	45.0*	3.577	N	126.821	E	33	N	1.0	21	TALAUD ISLANDS, INDONESIA	
03	20	26	54.6*	52.432	S	140.211	E	10	G	1.0	27	WEST OF MACQUARIE ISLAND	
03	21	03	56.1*	6.090	S	146.494	E	33	N	1.8	11	EASTERN NEW GUINEA REG., P.N.G.	
03	22	22	29.8	51.657	N	16.125	E	10	G	0.6	10	POLAND. ML 2.8 (MOX).	
03	23	00	47.4	14.493	N	93.490	W	33	N	1.1	131	NEAR COAST OF CHIAPAS, MEXICO	
03	23	55	38.1*	58.262	N	151.709	W	15			48	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).	
04	00	15	29.0?	36.30	N	10.64	W	10	G	0.9	12	NORTH ATLANTIC OCEAN. mbLg 3.9 (MDD).	
04	00	19	05.7*	5.568	S	147.341	E	192		4.8	18	EASTERN NEW GUINEA REG., P.N.G.	
04	00	24	03.8*	51.685	N	168.160	W	33	N	1.1	28	FOX ISLANDS, ALEUTIAN ISLANDS	
04	00	33	38.7	23.376	S	177.337	W	170	D	4.5	0.8	45	SOUTH OF FIJI ISLANDS
04	00	59	57.9*	58.350	N	154.680	W	8		3.6	56	ALASKA PENINSULA. <AEIC>. ML 3.4 (AEIC), 3.8 (PMR).	
04	01	28	22.8?	34.34	S	178.80	W	33	N	1.2	15	SOUTH OF KERMADEC ISLANDS	
04	01	32	02.6?	43.44	N	147.87	E	33	N	1.5	17	KURIL ISLANDS	
04	01	56	42.2*	6.743	S	129.699	E	168	?	4.6	1.6	14	BANDA SEA
04	02	34	52.3?	33.13	S	178.92	W	33	N	1.2	9	SOUTH OF KERMADEC ISLANDS	
04	03	20	15.1*	34.381	S	71.222	W	60	G	0.1	10	NEAR COAST OF CENTRAL CHILE. MD 2.6 (SAN).	
04	04	15	57.8?	47.47	N	152.33	E	100	G	4.0	1.1	15	KURIL ISLANDS
04	04	18	51.0?	9.08	N	78.03	W	88	?	4.3	1.3	32	PANAMA
04	04	36	54.5*	44.472	N	149.504	E	33	N	3.9	1.1	16	KURIL ISLANDS
04	05	15	07.7*	65.024	N	146.052	W	3			55	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR). Felt at Chena Hot Springs.	
04	05	40	00.8?	23.45	N	108.51	W	10	G	3.8	1.5	17	GULF OF CALIFORNIA
04	05	45	58.6	12.177	N	143.844	E	8		5.4 5.3	1.1	135	SOUTH OF MARIANA ISLANDS. Mw 5.6 (HRV). Felt (III) at Santa Rita, Guam.
Centroid, Moment Tensor (HRV): Centroid origin time 05:46:03.0; Lat 11.72 N; Lon 144.54 E; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.96, Plg=23, Azm=239; (N) Val=-0.22, Plg=32, Azm=345; (P) Val=-2.74, Plg=49, Azm=120; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=286, Dip=36, Slip=-154; NP2: Strike=174, Dip=75, Slip=-57.													

04	06	03	24.5	36.595	N	71.287	E	200	D	3.7	0.8	18	AFGHANISTAN-TAJIKISTAN BORD REG.
04	06	25	38.8*	23.893	S	66.983	W	200	G	3.9	0.5	5	JUJUY PROVINCE, ARGENTINA
04	07	11	24.4	44.460	N	149.789	E	33	N	4.3	1.0	44	KURIL ISLANDS
04	08	08	59.7*	32.997	S	70.586	W	90	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
04	09	26	15.2*	40.91	N	80.20	E	33	N	3.9	1.3	11	SOUTHERN XINJIANG, CHINA
04	09	27	10.9*	38.53	N	28.47	E	10	G	3.8	1.7	9	TURKEY
04	09	38	11.1*	24.447	N	123.501	E	33	N	3.5	1.1	9	SOUTHWESTERN RYUKYU ISLANDS
04	10	12	12.6*	42.791	N	7.086	W	33	N		0.3	6	SPAIN. mblg 3.0 (MDD).
04	11	11	19.0	3.098	N	126.218	E	33	N	5.6 5.1	1.1	131	TALAUD ISLANDS, INDONESIA. Mw 5.6 (HRV), 5.4 (GS). Moment Tensor (GS): Dep 32; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=55, Azm=272; (N) Val=0.13, Plg=28, Azm=52; (P) Val=-1.47, Plg=19, Azm=152; Best double couple: Mo=1.4*10**17 Nm; NPl: Strike=279, Dip=36, Slip=143; NP2: Strike=40, Dip=69, Slip=60. Centroid, Moment Tensor (HRV): Centroid origin time 11:11:30.3; Lat 3.60 N; Lon 126.35 E; Dep 37.6; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.90, Plg=70, Azm=141; (N) Val=0.04, Plg=4, Azm=39; (P) Val=-2.94, Plg=20, Azm=307; Best double couple: Mo=2.9*10**17 Nm; NPl: Strike=30, Dip=26, Slip=80; NP2: Strike=221, Dip=65, Slip=95.
04	11	15	15.3	3.073	N	126.257	E	41	*	5.1	1.0	48	TALAUD ISLANDS, INDONESIA
04	11	26	12.5*	3.106	N	126.275	E	33	N	4.5	1.0	26	TALAUD ISLANDS, INDONESIA
04	12	30	52.1*	2.984	N	126.180	E	33	N	4.3	1.1	15	NORTHERN MOLUCCA SEA
04	13	04	07.9*	24.95	N	123.88	E	33	N	4.0	0.6	8	SOUTHWESTERN RYUKYU ISLANDS
04	13	04	34.8*	40.721	N	15.465	E	10	G		0.6	14	SOUTHERN ITALY. ML 4.4 (ROM).
04	13	10	27.1	3.024	N	126.217	E	45	*	5.1 4.7	1.1	63	TALAUD ISLANDS, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:10:33.6; Lat 3.02 N Fix; Lon 126.22 E Fix; Dep 45.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.36, Plg=57, Azm=159; (N) Val=-0.50, Plg=18, Azm=39; (P) Val=-6.86, Plg=27, Azm=300; Best double couple: Mo=7.1*10**16 Nm; NPl: Strike=354, Dip=24, Slip=43; NP2: Strike=224, Dip=74, Slip=108.
04	13	34	10.6*	3.061	N	126.139	E	33	N	4.3	0.9	17	TALAUD ISLANDS, INDONESIA
04	13	38	57.8	22.041	S	68.685	W	104	D	4.2	0.8	17	NORTHERN CHILE
04	14	11	29.9	51.100	N	178.783	E	33	N	4.1	1.0	28	RAT ISLANDS, ALEUTIAN ISLANDS
04	14	24	02.8*	1.135	N	123.027	E	33	N	4.4	1.2	18	MINAHASSA PENINSULA, SULAWESI
04	14	36	30.6*	7.07	S	112.44	E	100	G	4.0	1.2	11	JAWA, INDONESIA
04	14	45	38.6	47.952	N	153.511	E	123	*	4.1	0.8	31	KURIL ISLANDS
04	14	53	05.2*	61.286	N	150.690	W	47			62	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 2.9 (PMR).	
04	16	26	22.8*	42.790	N	7.194	W	10	G		0.9	13	SPAIN. mblg 3.5 (MDD). Felt (III) in the Sarria-Becerrea area.
04	16	39	09.0*	44.344	N	7.273	E	5	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
04	17	14	13.6*	17.58	S	72.76	W	106	D	4.2	1.8	17	NEAR COAST OF PERU
04	19	00	11.7	35.159	N	27.122	E	33	N	3.9	1.2	30	DODECANESE ISLANDS
04	19	20	33.4*	6.067	S	130.115	E	79	?	4.2	1.6	12	BANDA SEA
04	19	41	18.2*	34.016	S	70.485	W	90	G		0.2	9	CHILE-ARGENTINA BORDER REGION
04	20	45	02.7*	5.49	S	129.98	E	189	?	3.9	1.5	7	BANDA SEA
04	20	51	04.1*	31.95	S	68.58	W	100	G		1.1	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
04	21	01	34.3*	50.94	N	179.30	E	33	N	4.1	0.8	11	RAT ISLANDS, ALEUTIAN ISLANDS
04	21	43	56.9	51.636	N	16.108	E	10	G		1.3	10	POLAND. ML 3.3 (GRF), 2.7 (MOX).
04	22	12	39.4*	50.594	N	18.907	E	10	G		1.5	6	POLAND. MG 2.7 (WAR).
04	22	45	26.9*	51.427	N	178.854	W	33	N	3.9	0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.
04	22	45	37.5	45.867	N	7.440	E	5	G		1.2	20	NORTHERN ITALY. ML 2.6 (GEN).
04	23	03	06.4*	29.56	N	80.54	E	33	N	3.6	1.1	9	NEPAL-INDIA BORDER REGION
04	23	21	32.4*	40.749	N	124.266	W	23			10	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM). ML 2.9 (BRK). Felt at Eureka.	
04	23	53	23.3*	45.519	N	148.557	E	150	G	3.7	1.1	20	KURIL ISLANDS
04	23	55	22.6*	45.275	N	5.873	E	10	G		0.4	12	FRANCE. ML 2.6 (GEN).
05	00	14	58.0*	40.749	N	124.263	W	23			32	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).	
05	00	26	02.1	36.864	N	21.794	E	33	N	4.1	0.7	20	SOUTHERN GREECE
05	01	03	43.2*	34.588	N	140.529	E	33	N	4.0	0.8	9	NEAR EAST COAST OF HONSHU, JAPAN
05	01	09	07.7	45.279	N	150.246	E	33	N	4.8 4.2	0.8	104	KURIL ISLANDS
05	02	03	42.6*	10.334	N	125.952	E	33	N	4.3	1.2	22	LEYTE, PHILIPPINE ISLANDS
05	02	04	05.7	45.342	N	6.012	E	5	G		0.9	16	FRANCE. ML 2.6 (GEN).
05	02	14	44.8*	34.74	N	32.26	E	33	N	3.7	1.0	13	CYPRUS REGION. Felt (II) at Paphos.
05	03	28	56.5*	34.00	S	179.21	W	33	N	4.2	0.6	9	SOUTH OF KERMADEC ISLANDS
05	03	51	10.8*	34.03	S	179.04	W	33	N	4.3	1.1	13	SOUTH OF KERMADEC ISLANDS
05	04	01	59.3*	27.01	S	26.67	E	5	G	4.4	1.5	8	REPUBLIC OF SOUTH AFRICA
05	04	21	19.0*	33.85	S	72.06	W	10	G		0.8	12	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
05	04	30	54.7*	8.250	N	38.564	W	10	G	4.3 4.3	1.2	21	CENTRAL MID-ATLANTIC RIDGE
05	04	42	46.6*	51.528	N	16.231	E	10	G		0.9	7	POLAND. ML 2.3 (MOX).
05	05	47	30.6*	65.718	N	145.210	W	24			13	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
05	06	17	19.9*	31.426	S	117.680	E	10	G		0.3	5	WESTERN AUSTRALIA
05	06	42	14.5*	24.58	S	67.20	W	150	G	3.6	1.3	13	CHILE-ARGENTINA BORDER REGION
05	07	08	42.9*	17.08	S	175.32	W	33	N	4.5	1.4	14	TONGA ISLANDS
05	08	55	11.2*	9.017	N	93.943	E	33	N	3.9	1.2	22	NICOBAR ISLANDS, INDIA
05	09	51	07.0*	41.707	N	139.738	E	181	*	3.8	0.9	16	HOKKAIDO, JAPAN REGION
05	10	38	04.9*	11.82	N	125.94	E	33	N	4.1	1.3	10	SAMAR, PHILIPPINE ISLANDS
05	10	43	37.1*	40.752	N	124.262	W	22		3.4	55	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mw 3.9 (BRK). MD 3.5 (GM). ML 3.5 (BRK). Felt in the Eureka area. Scalar Moment (BRK): Mo=7.0*10**14 Nm.	
05	11	02	20.4	34.171	N	135.114	E	33	N	3.7	0.7	17	NEAR S. COAST OF WESTERN HONSHU
05	11	20	27.2*	58.252	S	26.885	W	150	G	4.3	0.3	10	SOUTH SANDWICH ISLANDS REGION
05	11	45	48.5	0.982	S	136.676	E	33	N	4.6	1.1	33	IRIAN JAYA REGION, INDONESIA
05	11	59	37.3	6.857	S	128.555	E	33	N	5.1	1.2	44	BANDA SEA
05	12	08	27.2*	44.315	N	7.466	E	10	G		0.3	9	NORTHERN ITALY. ML 1.9 (GEN).
05	12	24	11.3*	38.787	S	15.951	W	10	G	4.7 4.3	1.5	16	TRISTAN DA CUNHA REGION
05	12	55	10.3	7.173	N	94.817	E	33	N	4.2	0.9	26	NICOBAR ISLANDS, INDIA
05	13	21	26.3*	55.20	N	162.60	W	33	N	3.6	1.1	9	ALASKA PENINSULA
05	13	22	26.5*	0.974	N	126.093	E	33	N	3.6	0.7	8	NORTHERN MOLUCCA SEA
05	15	29	28.7*	37.153	N	142.344	E	10	G	3.7	1.4	12	OFF EAST COAST OF HONSHU, JAPAN

05	15	29	57.8	16.076	N	61.051	W	76	D	3.8	1.2	19	LEEWARD ISLANDS. MD 3.5 (TRN).	
05	16	09	27.6	33.897	S	70.637	W	90	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).	
05	17	07	39.0	14.280	S	170.405	E	605	D	4.3	0.8	33	VANUATU ISLANDS REGION	
05	17	20	51.9	28.483	N	139.184	E	473	?	3.6	1.2	19	BONIN ISLANDS REGION	
05	17	43	31.0	23.205	S	176.723	W	140	D	4.2	1.1	36	SOUTH OF FIJI ISLANDS	
05	18	34	45.5	55.946	S	27.682	W	100	G	4.3	1.3	25	SOUTH SANDWICH ISLANDS REGION	
05	19	31	11.2	40.413	N	125.389	W	3		3.7		47	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.8 (GM). ML 3.7 (BRK).	
05	20	12	26.2	35.480	N	140.185	E	71		4.5	1.0	55	NEAR EAST COAST OF HONSHU, JAPAN	
05	22	24	58.8	39.508	N	122.033	W	21				40	NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (GS), 3.1 (BRK).	
06	00	02	56.3	5.84	S	101.68	E	33	N	4.2	1.5	10	SOUTHWEST OF SUMATERA, INDONESIA	
06	01	29	51.7	11.196	S	165.661	E	33	N	4.6	1.1	20	SANTA CRUZ ISLANDS	
06	02	53	36.8	0.997	S	136.476	E	33	N	4.6	0.9	11	IRIAN JAYA REGION, INDONESIA	
06	03	07	33.2	12.478	N	87.430	W	86		4.0	1.3	39	NEAR COAST OF NICARAGUA. MD 4.7 (SSS). Felt (II) at San Salvador, El Salvador.	
06	04	00	59.2	61.700	N	150.130	W	39		3.3		91	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.4 (PMR).	
06	04	04	35.0	10.273	N	125.984	E	45		5.1	4.7	1.2	87	LEYTE, PHILIPPINE ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:04:36.1; Lat 10.02 N; Lon 126.34 E; Dep 45.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.23, Plg=70, Azm=257; (N) Val=-0.75, Plg=3, Azm=355; (P) Val=-5.48, Plg=20, Azm=86; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=182, Dip=25, Slip=97; NP2: Strike=354, Dip=65, Slip=87.
06	04	15	13.1	10.447	N	126.147	E	59	*	5.0	1.2	76	PHILIPPINE ISLANDS REGION	
06	05	59	44.1	6.846	N	73.058	W	182	*	4.0	0.9	37	NORTHERN COLOMBIA	
06	07	10	31.9	15.442	S	173.494	W	33	N	4.7	1.0	52	TONGA ISLANDS	
06	07	11	04.5	11.430	N	86.112	W	33	N	3.9	1.1	15	NEAR COAST OF NICARAGUA	
06	07	57	58.2	2.76	N	128.10	E	100	G	4.1	1.3	9	HALMAHERA, INDONESIA	
06	08	56	36.5	38.739	N	21.521	E	33	N	3.7	0.8	17	GREECE	
06	09	18	51.9	10.197	S	75.122	W	51		4.9	4.9	0.9	108	CENTRAL PERU. Mw 5.2 (HRV). Felt (IV) at Oxapampa and (II) at La Merced. Centroid, Moment Tensor (HRV): Centroid origin time 09:18:53.9; Lat 9.85 S; Lon 74.72 W; Dep 39.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.69, Plg=69, Azm=66; (N) Val=-0.58, Plg=8, Azm=316; (P) Val=-6.11, Plg=20, Azm=223; Best double couple: Mo=6.4*10**16 Nm; NP1: Strike=299, Dip=26, Slip=72; NP2: Strike=139, Dip=65, Slip=99.
06	09	30	45.6	11.139	S	165.714	E	33	N	4.5	1.1	37	SANTA CRUZ ISLANDS	
06	10	53	25.3	11.45	S	165.66	E	33	N	4.2	1.5	10	SANTA CRUZ ISLANDS	
06	10	59	37.8	20.848	S	178.227	W	500	G	4.1	1.3	25	FIJI ISLANDS REGION	
06	11	09	44.3	3.05	N	97.44	E	84	?	4.0	1.1	19	NORTHERN SUMATERA, INDONESIA	
06	11	52	59.4	4.087	N	127.604	E	33	N	4.1	1.1	14	TALAUD ISLANDS, INDONESIA	
06	11	58	15.4	43.025	N	0.179	W	10	G		0.6	5		PYRENEES. mbLg 2.9 (MDD).
06	12	17	29.3	53.449	S	76.351	W	10	G	5.1	5.0	1.0	61	OFF COAST OF SOUTHERN CHILE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:17:35.1; Lat 53.39 S; Lon 77.26 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.57, Plg=65, Azm=201; (N) Val=-0.29, Plg=12, Azm=320; (P) Val=-1.28, Plg=21, Azm=55; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=166, Dip=27, Slip=119; NP2: Strike=315, Dip=67, Slip=76.
06	12	53	47.8	34.798	N	24.327	E	55		4.4	1.2	83	CRETE. Felt in southwestern Crete and at Khania.	
06	13	07	37.5	44.924	N	6.430	E	5	G		0.7	11	FRANCE. ML 2.5 (GEN).	
06	13	12	55.9	40.225	N	144.296	E	46	D	3.8	1.0	17	OFF EAST COAST OF HONSHU, JAPAN	
06	15	01	59.5	21.71	S	179.63	W	600	G	4.1	1.1	18	FIJI ISLANDS REGION	
06	15	18	28.6	6.78	S	129.82	E	76	?	4.4	1.3	9	BANDA SEA	
06	15	24	35.7	21.707	N	121.087	E	51	?	3.9	1.0	18	TAIWAN REGION	
06	16	08	10.5	30.00	N	96.42	E	33	N	3.9	1.3	12	EASTERN XIZANG-INDIA BORDER REG.	
06	16	10	50.7	5.095	S	151.138	E	194		4.6	0.9	43	NEW BRITAIN REGION, P.N.G.	
06	16	58	48.8	43.019	N	17.987	E	10	G		0.8	24	NORTHWESTERN BALKAN REGION	
06	17	04	28.2	42.252	N	143.043	E	61	*	4.2	0.9	41	HOKKAIDO, JAPAN REGION. Felt (II JMA) at Urakawa. Also felt at Kushiro, Otaru and Tomakomai.	
06	17	34	52.3	51.578	N	16.059	E	10	G		1.5	13	POLAND. ML 3.3 (VIE).	
06	20	26	09.0	18.117	N	111.481	W	10	G	4.5	4.2	0.8	40	REVILLA GIGEDO ISLANDS REGION
06	20	28	41.2	5.25	S	151.89	E	33	N	4.0	0.9	9	NEW BRITAIN REGION, P.N.G.	
06	21	30	54.3	79.715	N	3.726	E	10	G	4.6	3.8	0.9	59	GREENLAND SEA
06	21	37	44.3	24.896	N	125.926	E	45	*	4.1	1.1	22	SOUTHWESTERN RYUKYU ISLANDS	
06	21	49	24.0	44.159	N	7.761	E	10	G		0.3	8		NORTHERN ITALY. ML 1.9 (GEN).
06	22	04	41.5	44.170	N	149.184	E	33	N	5.2	5.4	1.0	182	KURIL ISLANDS. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:04:46.5; Lat 44.29 N; Lon 149.60 E; Dep 27.9; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.76, Plg=73, Azm=299; (N) Val=0.45, Plg=1, Azm=34; (P) Val=-4.20, Plg=17, Azm=124; Best double couple: Mo=4.0*10**17 Nm; NP1: Strike=216, Dip=28, Slip=93; NP2: Strike=33, Dip=62, Slip=88.
06	22	21	14.2	44.166	N	7.743	E	10	G		1.0	6		NORTHERN ITALY. ML 2.0 (GEN).
06	23	08	13.7	39.417	N	119.965	W	9				25	NEVADA. <GM-P>. MD 2.9 (GM).	
06	23	35	06.7	44.206	N	149.146	E	33	N	4.8	1.1	85	KURIL ISLANDS	
06	23	42	58.2	43.330	N	16.541	E	10	G		1.3	29		NORTHWESTERN BALKAN REGION. ML 3.3 (VIE).
07	00	07	24.9	44.318	N	149.204	E	33	N	5.2	5.1	0.9	173	KURIL ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:07:28.6; Lat 44.27 N; Lon 149.58 E; Dep 23.2; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.31, Plg=75, Azm=315; (N) Val=0.25, Plg=3, Azm=215; (P) Val=-1.56, Plg=14, Azm=125; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=211, Dip=31, Slip=85; NP2: Strike=37, Dip=59, Slip=93.
07	00	20	54.8	44.264	N	149.064	E	33	N	4.2	1.1	36	KURIL ISLANDS	
07	00	27	40.5	62.752	N	148.799	W	2				16	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).	

07	00	31	00.4	22.925	N	143.226	E	107	D	4.4	1.2	45	VOLCANO ISLANDS REGION
07	00	52	56.8	44.555	N	147.981	E	33	N	4.7	0.8	49	KURIL ISLANDS
07	01	16	32.5	1.614	N	124.596	E	232	?	4.5	1.1	42	MINAHASSA PENINSULA, SULAWESI
07	04	31	19.7	52.207	N	30.135	W	10	G	4.4	0.9	79	NORTHERN MID-ATLANTIC RIDGE
07	05	24	16.3?	8.01	S	114.95	E	208		3.5	0.7	7	BALI REGION, INDONESIA
07	05	36	00.4*	29.330	S	71.303	W	43	D	4.2	1.0	21	NEAR COAST OF CENTRAL CHILE
07	05	53	27.2?	2.37	S	122.28	E	33	N	4.4	1.7	14	SULAWESI, INDONESIA
07	05	57	52.7*	15.703	N	42.328	E	10	G	4.1	1.0	20	WESTERN ARABIAN PENINSULA
07	05	58	02.1	44.283	N	149.106	E	33	N	5.2	5.0	188	KURIL ISLANDS
07	06	02	04.2	44.295	N	149.056	E	33	N	5.1	0.9	149	KURIL ISLANDS
07	06	09	09.9	44.299	N	149.113	E	33	N	5.0	0.9	155	KURIL ISLANDS
07	06	12	24.2	39.413	N	119.965	W	9				18	NEVADA. <GM-P>. MD 2.8 (GM).
07	06	27	49.2*	35.143	N	36.959	W	10	G	4.4	1.1	18	NORTHERN MID-ATLANTIC RIDGE
07	11	12	56.2	60.876	N	150.830	W	49				79	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
07	11	46	30.7	34.340	N	118.458	W	4				31	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). Felt in the San Fernando area.
07	12	01	11.5	41.291	N	140.100	E	33	N	4.1	1.0	21	HOKKAIDO, JAPAN REGION
07	12	03	06.0?	41.23	N	140.53	E	33	N	3.9	1.8	7	HOKKAIDO, JAPAN REGION
07	13	10	16.1?	32.63	S	178.82	W	33	N	4.2	0.3	9	SOUTH OF KERMADEC ISLANDS
07	13	17	14.9	45.372	N	121.716	W	7				76	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 3.0 (SEA).
07	13	23	20.7	37.069	N	3.957	W	10	G		0.4	7	SPAIN. mblg 2.6 (MDD).
07	13	55	17.9*	30.038	N	96.507	E	33	N	3.7	0.9	10	XIZANG
07	14	10	13.8?	28.20	N	143.44	E	33	N	3.9	1.4	8	BONIN ISLANDS REGION
07	14	18	59.0	53.260	N	159.781	E	52	D	5.1	0.9	211	NEAR EAST COAST OF KAMCHATKA. Mw 5.3 (HRV). Felt (IV) at Petropavlovsk-Kamchatskiy. Centroid, Moment Tensor (HRV): Centroid origin time 14:19:04.6; Lat 53.01 N; Lon 160.27 E; Dep 56.4; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.04, Plg=77, Azm=317; (N) Val=0.20, Plg=4, Azm=211; (P) Val=-1.24, Plg=13, Azm=121; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=206, Dip=33, Slip=83; NP2: Strike=34, Dip=58, Slip=94.
07	14	43	58.9?	32.75	S	178.29	W	33	N	4.7	1.3	17	SOUTH OF KERMADEC ISLANDS
07	15	45	41.9	27.932	N	141.784	E	33	N	4.6	0.9	56	BONIN ISLANDS REGION
07	15	46	37.1?	45.55	N	10.70	E	10	G		1.6	9	NORTHERN ITALY. ML 2.4 (VIE).
07	15	52	31.3*	40.568	S	176.266	E	33	N	4.5	1.0	20	NORTH ISLAND, NEW ZEALAND. Felt at Palmerston North, Waikanae and Waipukurau.
07	16	19	31.7	14.000	N	124.550	E	33	N	4.6	1.1	49	LUZON, PHILIPPINE ISLANDS
07	16	55	39.1	23.244	N	120.540	E	33	N	4.5	1.2	30	TAIWAN
07	17	23	37.5	44.480	N	7.293	E	10	G		0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
07	18	08	17.2	34.361	N	118.657	W	14				55	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.0 (GS).
07	18	34	00.8	42.154	N	124.492	W	20	G	3.3	0.9	50	NEAR COAST OF OREGON. ML 3.5 (GS). MD 3.8 (SEA). Felt at Gold Beach.
07	19	13	43.6	1.608	S	100.311	E	81	*	4.3	1.0	41	SOUTHERN SUMATERA, INDONESIA
07	19	50	53.9	17.136	S	167.800	E	30	D	4.7	1.1	43	VANUATU ISLANDS
07	20	45	08.1?	5.15	S	145.75	E	33	N	3.9	1.4	9	EASTERN NEW GUINEA REG., P.N.G.
07	22	23	51.0	59.235	N	151.696	W	52				73	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
07	22	24	47.2	34.378	N	116.461	W	1				15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS).
07	22	29	10.9?	31.34	N	41.10	W	10	G	3.6	0.8	9	NORTHERN MID-ATLANTIC RIDGE
07	23	12	27.0?	33.10	S	178.81	W	33	N	4.4	1.1	12	SOUTH OF KERMADEC ISLANDS
07	23	41	00.6	53.473	N	167.439	W	33	N	4.0	1.0	22	FOX ISLANDS, ALEUTIAN ISLANDS
08	00	05	00.8	25.820	N	140.644	E	397	*	4.6	0.9	95	VOLCANO ISLANDS REGION
08	00	07	28.1*	21.708	N	121.503	E	33	N	4.0	0.7	10	TAIWAN REGION
08	01	03	08.1?	3.57	S	150.77	E	33	N	4.2	1.5	15	NEW IRELAND REGION, P.N.G.
08	01	10	15.5*	34.502	N	121.130	W	10	G		0.8	20	OFF COAST OF CALIFORNIA. ML 2.8 (GS).
08	01	17	19.8	31.442	S	117.669	E	10	G		0.5	5	WESTERN AUSTRALIA
08	01	50	02.1	33.228	S	70.425	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
08	02	01	56.8?	38.30	N	38.94	E	10	G	3.1	1.4	6	TURKEY
08	02	20	43.5*	38.232	N	38.978	E	10	G	3.8	1.2	28	TURKEY
08	02	52	13.1	12.799	S	74.037	W	72	D	5.0	0.9	114	CENTRAL PERU. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:52:17.4; Lat 12.39 S; Lon 74.10 W; Dep 78.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.07, Plg=18, Azm=42; (N) Val=-0.19, Plg=19, Azm=305; (P) Val=-0.88, Plg=63, Azm=172; Best double couple: Mo=9.7*10**16 Nm; NP1: Strike=159, Dip=32, Slip=52; NP2: Strike=296, Dip=66, Slip=111.
08	03	09	57.7*	4.042	S	136.249	E	33	N	4.2	1.0	8	IRIAN JAYA REGION, INDONESIA
08	03	21	22.2	8.815	S	74.692	W	141	D	5.0	1.0	125	PERU-BRAZIL BORDER REGION
08	03	29	36.0	63.494	N	153.441	W	17				11	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
08	03	35	25.3*	37.223	S	17.362	W	10	G	4.5	1.3	15	SOUTHERN MID-ATLANTIC RIDGE
08	04	09	12.5?	12.20	N	143.78	E	33	N	3.8	1.0	8	SOUTH OF MARIANA ISLANDS
08	04	19	00.3?	55.83	S	129.41	W	10	G	4.2	1.2	12	PACIFIC-ANTARCTIC RIDGE
08	04	49	14.7	44.099	N	7.368	E	10	G		0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
08	04	52	32.5	59.830	N	153.190	W	115				81	SOUTHERN ALASKA. <AEIC>.
08	04	58	22.9	6.495	S	145.881	E	62	*	4.5	1.0	27	NEW GUINEA, PAPUA NEW GUINEA
08	06	01	10.8?	21.50	S	170.57	E	33	N	3.6	1.0	8	LOYALTY ISLANDS REGION
08	06	04	54.2*	21.613	N	142.910	E	284	?	3.8	0.8	21	MARIANA ISLANDS REGION
08	06	10	45.5?	6.81	S	130.01	E	100	G	3.7	1.4	9	BANDA SEA
08	06	17	38.6?	6.64	S	155.11	E	33	N	3.8	1.0	12	SOLOMON ISLANDS
08	06	35	43.8?	12.06	N	88.47	W	33	N	4.1	1.6	17	OFF COAST OF CENTRAL AMERICA
08	06	43	10.3?	12.59	S	65.46	E	10	G	4.2	1.3	17	MID-INDIAN RIDGE
08	06	52	39.2?	62.65	S	158.27	W	10	G	4.6	1.3	11	PACIFIC-ANTARCTIC RIDGE
08	07	17	03.0	45.187	N	16.989	E	10	G		1.2	17	NORTHWESTERN BALKAN REGION. ML 3.3 (ROM), 2.9 (VIE). Felt (V) at Banja Luka, Bosnia and Herzegovina.
08	08	58	52.9?	20.27	S	177.39	W	500	G	3.9	0.7	9	FIJI ISLANDS REGION
08	09	31	39.5	52.759	S	27.183	E	10	G	5.1	1.1	54	SOUTH OF AFRICA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:31:46.5; Lat 52.49 S; Lon 27.21 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.75, Plg=19, Azm=41; (N) Val=1.69, Plg=11, Azm=134; (P) Val=-7.44, Plg=68, Azm=253; Best double couple: Mo=6.6*10**16 Nm; NP1: Strike=114, Dip=28, Slip=113; NP2:

Strike=320, Dip=64, Slip=-78.

08	10	18	25.2	1.763	S	138.615	E	33	N	4.6	1.2	36	NEAR NORTH COAST OF IRIAN JAYA
08	10	27	20.2*	4.049	S	135.035	E	33	N	4.3	1.1	13	IRIAN JAYA REGION, INDONESIA
08	11	07	39.9	36.386	N	71.141	E	245	*	4.4	1.0	43	AFGHANISTAN-TAJIKISTAN BORD REG.
08	11	34	50.1*	47.974	N	28.094	W	10	G	3.8	1.1	16	NORTHERN MID-ATLANTIC RIDGE
08	11	44	54.4*	36.296	N	27.222	E	150	G	3.4	1.5	16	DODECANESE ISLANDS
08	12	32	04.8*	9.495	N	126.459	E	33	N	3.8	1.0	10	MINDANAO, PHILIPPINE ISLANDS
08	14	03	10.5?	18.49	S	174.62	W	200	G	4.3	1.2	18	TONGA ISLANDS
08	14	12	08.0*	15.132	S	167.430	E	122	D	4.3	1.0	42	VANUATU ISLANDS
08	15	20	49.4*	34.379	N	116.461	W	1			37	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).	
08	16	49	42.4	6.252	S	154.858	E	58	D	5.5 5.5	1.1	175	SOLOMON ISLANDS. Mw 5.8 (GS), 5.8 (HRV).
													Moment Tensor (GS): Dep 43; Principal axes (scale 10**17 Nm): (T) Val=-5.83, Plg=82, Azm=199; (N) Val=0.16, Plg=5, Azm=326; (P) Val=-5.99, Plg=7, Azm=56; Best double couple: Mo=5.9*10**17 Nm; NP1: Strike=152, Dip=38, Slip=98; NP2: Strike=322, Dip=52, Slip=84.
													Centroid, Moment Tensor (HRV): Centroid origin time 16:49:47.0; Lat 6.39 S; Lon 154.73 E; Dep 66.5; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.29, Plg=88, Azm=295; (N) Val=0.02, Plg=2, Azm=137; (P) Val=-5.31, Plg=1, Azm=47; Best double couple: Mo=5.3*10**17 Nm; NP1: Strike=136, Dip=44, Slip=88; NP2: Strike=319, Dip=46, Slip=92.
08	16	55	08.4	15.043	N	61.509	W	181	D	4.7	0.9	165	LEEWARD ISLANDS. MD 5.2 (TRN). Felt (III) on Martinique.
08	17	45	06.4?	12.82	N	124.97	E	33	N	4.0	0.8	7	SAMAR, PHILIPPINE ISLANDS
08	18	25	00.8	26.775	N	67.332	E	33	N	4.1	1.1	36	PAKISTAN
08	18	36	50.2	52.126	N	30.119	W	10	G	4.6 4.2	0.9	93	NORTHERN MID-ATLANTIC RIDGE
08	19	27	11.3*	62.183	N	153.288	W	6			10	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).	
08	19	41	36.9*	24.970	N	121.751	E	45	?	4.2	0.9	8	TAIWAN
08	20	08	30.6	6.070	S	148.458	E	87	*	4.9	0.8	50	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 20:08:34.8; Lat 5.83 S; Lon 148.78 E; Dep 20.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.52, Plg=70, Azm=8; (N) Val=-1.77, Plg=12, Azm=131; (P) Val=-6.75, Plg=17, Azm=225; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=332, Dip=30, Slip=114; NP2: Strike=125, Dip=63, Slip=77.
08	20	23	12.2*	44.119	N	7.111	E	15	G		0.5	6	NORTHERN ITALY. ML 1.8 (GEN).
08	20	36	30.0*	34.378	N	116.459	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 2.7 (GS). Felt.
08	20	46	33.5	52.174	N	30.036	W	10	G	3.8	0.9	24	NORTHERN MID-ATLANTIC RIDGE
08	20	46	39.1	10.696	S	161.830	E	62	D	5.1 4.9	1.0	110	SOLOMON ISLANDS. Mw 5.5 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 20:46:42.6; Lat 10.68 S; Lon 161.80 E; Dep 68.4; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.01, Plg=10, Azm=319; (N) Val=0.00, Plg=56, Azm=214; (P) Val=-2.01, Plg=32, Azm=56; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=93, Dip=60, Slip=-17; NP2: Strike=191, Dip=76, Slip=-149.
08	20	58	21.2	0.018	S	123.225	E	170	*	4.6	1.1	41	MINAHASSA PENINSULA, SULAWESI
08	22	17	05.9?	43.01	N	29.17	W	10	G	3.8	1.6	11	NORTHERN MID-ATLANTIC RIDGE
08	22	17	35.4?	36.47	S	52.46	E	10	G	4.6	1.4	14	SOUTHWEST INDIAN RIDGE
08	22	30	14.3	51.694	N	16.261	E	10	G		0.5	9	POLAND
08	23	27	58.1*	21.058	S	69.412	W	100	G	3.9	1.0	13	NORTHERN CHILE
08	23	46	41.3*	34.377	N	116.460	W	1			69	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.9 (PAS). ML 4.2 (BRK), 3.9 (GS). Felt in the epicentral area.	
08	23	51	10.2?	36.69	N	5.95	W	10	G		0.7	6	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
09	00	14	22.6*	39.657	N	2.839	E	10	G		0.3	8	BALEARIC ISLANDS. mbLg 2.6 (MDD). Felt (III) in the Sineu area.
09	00	35	31.3*	63.059	N	150.654	W	116				55	CENTRAL ALASKA. <AEIC>.
09	00	37	35.6*	38.854	N	140.828	E	33	N	3.9	1.0	15	EASTERN HONSHU, JAPAN
09	01	12	16.7*	38.808	N	140.801	E	44	?	3.8	1.0	16	EASTERN HONSHU, JAPAN
09	01	29	21.8	16.337	N	98.679	W	33	N	4.5	1.0	47	NEAR COAST OF GUERRERO, MEXICO
09	02	04	44.0	32.339	S	69.582	W	120	D	4.3	1.0	62	MENDOZA PROVINCE, ARGENTINA. MD 4.9 (SAN).
09	02	11	02.5*	64.030	N	150.180	W	24		3.8	95	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 4.3 (PMR).	
09	02	11	09.8*	4.962	S	153.442	E	66	D	4.0	0.9	16	NEW IRELAND REGION, P.N.G.
09	02	23	15.9*	56.287	N	163.723	E	33	N	3.9	1.2	17	NEAR EAST COAST OF KAMCHATKA
09	02	48	08.1*	43.069	N	104.102	W	5	G		0.6	9	WYOMING. mbLg 3.7 (GS). Felt (III) at Lusk.
09	03	00	14.2	16.357	N	98.683	W	33	N	4.5	1.1	73	NEAR COAST OF GUERRERO, MEXICO
09	03	19	50.1*	21.327	N	120.884	E	33	N	4.0	1.1	16	TAIWAN REGION
09	03	24	54.8?	8.42	S	159.11	E	90	?	4.1	1.0	15	SOLOMON ISLANDS
09	03	56	31.7	3.795	N	63.768	E	10	G	4.5 4.2	0.8	43	CARLSBERG RIDGE
09	05	51	59.7*	43.585	N	148.027	E	91	D	3.9	1.1	17	EAST OF KURIL ISLANDS
09	05	56	38.3?	4.56	S	134.77	E	33	N	3.9	1.8	14	IRIAN JAYA REGION, INDONESIA
09	06	12	49.2	16.988	S	168.621	E	255	D	4.8	1.0	114	VANUATU ISLANDS
09	07	11	43.0?	34.17	S	70.43	W	110	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).
09	07	21	20.3*	28.441	N	128.795	E	33	N	3.9	0.7	8	RYUKYU ISLANDS
09	07	48	50.3	44.085	N	128.689	W	10	G	4.0	0.9	109	OFF COAST OF OREGON
09	07	49	07.5*	5.276	S	152.639	E	77	?	4.1	0.9	16	NEW BRITAIN REGION, P.N.G.
09	08	44	51.3	0.943	N	125.023	E	33	N	4.5	1.2	33	NORTHERN MOUCCA SEA
09	09	22	15.9?	39.98	N	77.36	E	33	N	3.8	1.6	13	SOUTHERN XINJIANG, CHINA
09	09	39	28.0?	22.24	S	171.48	E	150	G	4.5	1.3	21	LOYALTY ISLANDS REGION
09	09	48	09.0*	44.773	N	6.724	E	10	G		0.3	6	FRANCE. ML 1.8 (GEN).
09	09	54	39.3*	33.599	S	71.109	W	60	G		0.2	11	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
09	12	00	04.7*	21.900	N	121.080	E	33	N	4.0	1.3	18	TAIWAN REGION
09	12	08	04.9*	33.179	S	68.864	W	10	G		0.6	10	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
09	12	33	05.2?	13.14	S	116.93	E	10	G	3.9	1.1	14	NORTHWEST OF AUSTRALIA
09	13	33	06.1*	14.587	S	72.162	W	157	*	3.9	1.3	13	CENTRAL PERU
09	13	54	42.2?	17.76	S	179.33	W	600	G	4.2	0.9	8	FIJI ISLANDS REGION
09	15	13	58.0	6.199	S	154.838	E	68	D	4.2	1.1	29	SOLOMON ISLANDS
09	15	42	13.8?	51.29	N	175.95	W	33	N	3.7	0.4	5	ANDREANOF ISLANDS, ALEUTIAN IS.
09	16	19	26.8?	17.73	S	178.47	W	600	G	4.1	0.8	10	FIJI ISLANDS REGION
09	17	38	23.6*	28.168	N	56.863	E	33	N	4.0	0.9	23	SOUTHERN IRAN

09	18	07	24.9%		63.990 N	150.250 W	20						55	CENTRAL ALASKA.	<AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
09	18	47	18.4*		51.775 S	30.111 W	10 G	3.8	1.0			16	NORTHERN MID-ATLANTIC RIDGE		
09	19	17	41.5		36.511 S	71.670 W	88 D	4.4	0.8			40	CENTRAL CHILE. MD 4.7 (SAN). Felt at Linares and Parral.		
09	19	21	17.9		6.499 S	153.217 E	33 N	4.3	0.9			19	NEW BRITAIN REGION, P.N.G.		
09	19	28	30.5?		6.70 S	129.60 E	155 ?	3.6	0.9			7	BANDA SEA		
09	19	47	36.7		18.876 N	69.721 W	88 D	4.1	0.9			27	DOMINICAN REPUBLIC REGION. Felt in the epicentral area.		
09	19	52	31.1*		2.615 S	134.581 E	33 N	4.3	0.9			8	IRIAN JAYA REGION, INDONESIA		
09	20	24	46.1*		44.377 N	7.306 E	10 G		0.1			6	NORTHERN ITALY. ML 1.7 (GEN).		
09	20	31	30.7*		51.776 N	30.161 W	10 G	3.8	0.9			17	NORTHERN MID-ATLANTIC RIDGE		
09	20	42	51.1%		60.011 N	153.212 W	130					71	SOUTHERN ALASKA. <AEIC>.		
09	20	50	44.0%		59.915 N	152.289 W	70					51	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).		
09	21	17	50.6?		10.14 N	84.96 W	33 N	3.9	0.9			9	COSTA RICA		
09	21	19	21.6		34.339 N	27.447 E	33 N	3.5	0.8			20	EASTERN MEDITERRANEAN SEA		
09	21	42	38.0?		34.06 S	70.06 W	10 G		0.1			6	CHILE-ARGENTINA BORDER REGION		
09	21	56	50.0?		17.96 N	111.34 W	10 G	4.0	1.1			15	REVILLA GIGEDO ISLANDS REGION		
09	22	00	46.1*		20.282 N	98.719 E	33 N	4.0	1.4			15	MYANMAR		
09	22	40	30.2		6.249 S	154.812 E	78 *	4.4	0.7			25	SOLOMON ISLANDS		
10	01	07	40.4?		1.82 S	135.64 E	33 N	3.8	1.2			7	IRIAN JAYA REGION, INDONESIA		
10	02	10	51.6		17.161 S	174.136 W	111 D	5.3	1.0			188	TONGA ISLANDS. Mw 5.7 (HRV).		
Centroid, Moment Tensor (HRV): Centroid origin time 02:10:56.9; Lat 17.03 S; Lon 173.64 W; Dep 117.6; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.50, Plg=31, Azm=224; (N) Val=-0.52, Plg=27, Azm=332; (P) Val=-3.98, Plg=46, Azm=95; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=262, Dip=29, Slip=-162; NP2: Strike=157, Dip=82, Slip=-62.															
10	02	40	40.6*		36.006 N	69.076 E	116 ?	3.7	1.3			14	HINDU KUSH REGION, AFGHANISTAN		
10	03	29	14.0*		6.393 S	142.356 E	33 N	3.9	1.6			10	NEW GUINEA, PAPUA NEW GUINEA		
10	03	43	04.4?		11.21 N	86.10 W	69 ?	3.9	1.3			13	NEAR COAST OF NICARAGUA		
10	04	05	26.8*		16.351 N	97.186 W	33 N	4.0	0.6			15	OAXACA, MEXICO		
10	04	10	31.8?		37.91 N	43.26 E	10 G	3.6	0.6			7	TURKEY. Felt at Van.		
10	04	13	18.4?		24.03 N	96.71 E	33 N	4.1	1.2			6	MYANMAR		
10	05	51	19.8		5.114 S	103.200 E	54 D	5.0	1.0			59	SOUTHERN SUMATERA, INDONESIA		
10	06	03	43.4%		35.004 N	24.626 E	33 N	3.5	1.0			8	CRETE		
10	06	54	13.8*		15.334 S	173.439 W	33 N	4.4	0.7			26	TONGA ISLANDS		
10	08	07	43.9		5.748 N	126.821 E	122 *	5.0	1.1			68	MINDANAO, PHILIPPINE ISLANDS		
10	08	15	09.5%		34.461 S	71.105 W	60 G		0.2			10	NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).		
10	08	25	21.7%		65.216 N	148.471 W	19					17	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).		
10	09	06	10.0*		9.590 S	161.310 E	89 *	4.5	1.1		</				

11	07	17	14.1*	7.190	N	94.971	E	33	N	3.8	1.0	19	NICOBAR ISLANDS, INDIA	
11	08	26	30.1*	12.665	N	125.159	E	33	N	4.3	1.3	22	SAMAR, PHILIPPINE ISLANDS	
11	08	34	41.4	7.204	N	94.770	E	33	N	4.5	4.6	1.0	52	NICOBAR ISLANDS, INDIA
11	08	40	48.0*	7.021	N	94.589	E	33	N	4.2	1.2	16	NICOBAR ISLANDS, INDIA	
11	08	45	05.5	5.573	S	153.300	E	56	D	4.1	0.8	22	NEW IRELAND REGION, P.N.G.	
11	09	03	20.3*	6.908	N	94.568	E	33	N	4.0	0.6	12	NICOBAR ISLANDS, INDIA	
11	09	07	15.4*	24.024	N	122.805	E	63	*	3.8	0.9	10	TAIWAN REGION	
11	09	11	20.5*	6.819	N	94.433	E	33	N	4.2	1.1	26	NICOBAR ISLANDS, INDIA	
11	09	17	53.1*	12.445	S	41.325	E	10	G	4.1	0.9	13	NORTHWEST OF MADAGASCAR	
11	10	47	03.7?	12.66	N	125.57	E	33	N	4.2	1.2	6	SAMAR, PHILIPPINE ISLANDS	
11	10	51	14.9	56.986	N	33.745	W	10	G	4.9	4.7	0.9	139	NORTH ATLANTIC OCEAN. Mw 5.0 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 10:51:20.7; Lat 56.99 N Fix; Lon 33.74 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.33, Plg=0, Azm=119; (N) Val=-0.44, Plg=0, Azm=29; (P) Val=-3.89, Plg=90, Azm=180; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=209, Dip=45, Slip=-90; NP2: Strike=29, Dip=45, Slip=-90.														
11	11	24	26.9	10.803	S	161.543	E	43	D	5.9	5.8	0.9	248	SOLOMON ISLANDS. Mw 5.9 (HRV), 5.8 (GS). Felt (III) at Honiara.
Moment Tensor (GS): Dep 31; Principal axes (scale 10**17 Nm): (T) Val=7.10, Plg=60, Azm=297; (N) Val=-1.10, Plg=1, Azm=28; (P) Val=-6.00, Plg=30, Azm=118; Best double couple: Mo=6.5*10**17 Nm; NP1: Strike=210, Dip=15, Slip=93; NP2: Strike=28, Dip=75, Slip=89.														
Centroid, Moment Tensor (HRV): Centroid origin time 11:24:30.3; Lat 10.91 S; Lon 161.64 E; Dep 38.0 Bdy; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=8.40, Plg=52, Azm=319; (N) Val=-2.55, Plg=33, Azm=174; (P) Val=-5.84, Plg=17, Azm=72; Best double couple: Mo=7.1*10**17 Nm; NP1: Strike=124, Dip=40, Slip=32; NP2: Strike=8, Dip=70, Slip=125.														
Scalar Moment (PPT): Mo=1.4*10**18 Nm.														
11	11	46	03.8?	27.52	N	34.59	E	10	G		0.2	5	RED SEA. MD 3.5 (RYD).	
11	14	07	52.4%	35.167	N	135.824	E	10	G		0.7	5	WESTERN HONSHU, JAPAN	
11	14	37	27.3%	61.637	N	151.991	W	100		2.9		103	SOUTHERN ALASKA. <AEIC>.	
11	14	59	02.5%	47.714	N	147.335	E	400	G	3.6	1.1	11	NORTHWEST OF KURIL ISLANDS	
11	15	32	16.2*	6.977	N	94.568	E	33	N	4.1	1.0	23	NICOBAR ISLANDS, INDIA	
11	15	34	28.7%	29.247	N	34.964	E	10	G		0.5	5	EGYPT. MD 3.2 (RYD).	
11	15	46	55.9%	6.944	N	94.653	E	33	N	4.0	0.9	13	NICOBAR ISLANDS, INDIA	
11	18	54	20.5*	44.225	N	148.777	E	33	N	4.2	1.1	35	KURIL ISLANDS	
11	18	58	29.2*	44.250	N	148.934	E	33	N	4.0	1.0	21	KURIL ISLANDS	
11	19	10	07.8%	34.050	S	70.903	W	70	G		0.1	9	CHILE-ARGENTINA BORDER REGION	
11	19	24	18.7	7.062	N	94.514	E	33	N	4.7	4.1	1.0	76	NICOBAR ISLANDS, INDIA
11	19	25	01.2%	60.440	N	143.140	W	12				54	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).	
11	19	50	02.2*	6.996	N	94.485	E	33	N	4.3	1.3	30	NICOBAR ISLANDS, INDIA	
11	20	00	02.3*	7.014	N	94.402	E	33	N	3.8	1.2	9	NICOBAR ISLANDS, INDIA	
11	20	00	12.2*	32.494	N	49.025	E	33	N	3.8	0.9	12	WESTERN IRAN	
11	21	39	03.9*	7.097	N	94.806	E	33	N	4.2	1.5	25	NICOBAR ISLANDS, INDIA	
11	21	54	57.6*	34.969	N	91.162	W	5	G		0.3	5	ARKANSAS. mbLg 3.3 (GS). Felt (V) at Brinkley and (III) at Hunter.	
11	21	57	50.9*	13.963	N	91.657	W	33	N	4.5	1.0	42	NEAR COAST OF GUATEMALA	
11	22	05	08.6*	1.920	S	102.596	E	224	*	4.0	0.9	12	SOUTHERN SUMATERA, INDONESIA	
11	23	15	05.0*	34.622	N	32.125	E	33	N	3.7	1.1	14	CYPRUS REGION. Felt (III) at Paphos.	
11	23	42	35.6%	63.122	N	150.660	W	124				57	CENTRAL ALASKA. <AEIC>.	
12	00	22	23.2	36.426	N	70.588	E	219	*	4.2	1.1	28	HINDU KUSH REGION, AFGHANISTAN	
12	01	00	18.4?	15.68	S	166.94	E	33	N	3.8	1.6	11	VANUATU ISLANDS	
12	01	26	06.2	36.419	N	70.888	E	199	D	4.1	0.9	21	HINDU KUSH REGION, AFGHANISTAN	
12	01	37	55.2?	35.03	N	32.42	E	33	N	3.7	0.9	9	CYPRUS REGION. Felt (III) at Paphos.	
12	02	02	03.0?	20.84	S	178.03	W	500	G	4.0	0.7	7	FIJI ISLANDS REGION	
12	02	12	00.2?	11.70	S	117.80	E	33	N	3.5	1.5	9	SOUTH OF SUMBAWA, INDONESIA	
12	03	20	21.6	7.007	N	94.496	E	33	N	4.5	4.2	1.2	32	NICOBAR ISLANDS, INDIA
12	03	42	46.8	35.452	N	0.209	W	10	G	3.7	1.0	36	NORTHERN ALGERIA. mbLg 3.8 (MDD).	
12	03	59	51.7?	5.16	N	72.80	W	33	N	3.8	1.3	8	COLOMBIA	
12	05	27	32.2	7.046	N	94.479	E	33	N	4.5	4.2	1.2	39	NICOBAR ISLANDS, INDIA
12	06	42	07.8*	25.630	N	141.011	E	200	G	3.9	0.8	11	VOLCANO ISLANDS REGION	
12	06	44	50.2%	44.573	N	7.275	E	10	G		0.4	11	NORTHERN ITALY. ML 2.7 (GEN).	
12	07	40	25.3*	17.854	S	178.653	W	600	G	4.2	0.7	12	FIJI ISLANDS REGION	
12	07	54	13.6?	13.65	S	73.68	W	118	*	3.5	1.1	9	CENTRAL PERU	
12	07	55	42.4*	21.905	S	174.613	E	33	N	4.1	1.2	21	VANUATU ISLANDS REGION	
12	09	45	09.7	6.973	N	94.513	E	33	N	5.2	1.3	125	NICOBAR ISLANDS, INDIA. Mw 5.8 (HRV).	
Centroid, Moment Tensor (HRV): Centroid origin time 09:45:12.2; Lat 7.25 N; Lon 94.63 E; Dep 43.8; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.31, Plg=1, Azm=286; (N) Val=-0.51, Plg=86, Azm=28; (P) Val=-5.79, Plg=4, Azm=196; Best double couple: Mo=6.1*10**17 Nm; NP1: Strike=331, Dip=86, Slip=-178; NP2: Strike=241, Dip=88, Slip=4.														
12	10	02	14.3%	6.775	N	94.999	E	33	N	3.7	1.0	12	NICOBAR ISLANDS, INDIA	
12	10	11	05.9*	6.820	N	94.880	E	33	N	3.6	1.4	10	NICOBAR ISLANDS, INDIA	
12	10	16	17.6%	6.912	N	94.439	E	33	N	3.8	1.0	9	NICOBAR ISLANDS, INDIA	
12	10	22	10.4*	35.454	N	0.176	E	10	G	3.1	0.8	14	NORTHERN ALGERIA. mbLg 3.7 (MDD).	
12	10	23	26.3	70.983	N	6.708	W	10	G	4.7	4.2	1.0	103	JAN MAYEN ISLAND REGION
12	10	30	34.3*	13.184	N	142.890	E	185	*	4.2	1.1	18	SOUTH OF MARIANA ISLANDS	
12	10	31	02.8	6.827	N	94.323	E	33	N	4.3	1.1	41	NICOBAR ISLANDS, INDIA	
12	10	32	07.8?	5.88	S	147.40	E	187	*	3.9	1.7	7	EASTERN NEW GUINEA REG., P.N.G.	
12	10	34	49.4	7.051	N	94.449	E	33	N	4.7	0.9	64	NICOBAR ISLANDS, INDIA	
12	11	04	20.9%	6.926	N	94.815	E	33	N	3.7	0.6	11	NICOBAR ISLANDS, INDIA	
12	11	19	37.7*	23.763	S	179.781	W	500	G	4.2	0.9	16	SOUTH OF FIJI ISLANDS	
12	13	31	17.7%	6.555	N	123.500	E	33	N	4.0	0.6	7	MINDANAO, PHILIPPINE ISLANDS	
12	14	31	00.3	6.968	N	94.303	E	33	N	4.5	1.2	39	NICOBAR ISLANDS, INDIA	
12	14	59	39.9%	2.471	N	128.389	E	300	G	4.0	1.0	13	HALMAHERA, INDONESIA	
12	15	17	48.9	24.338	N	125.324	E	33	N	4.3	0.9	36	SOUTHWESTERN RYUKYU ISLANDS	

12	15	39	10.0	36.615	N	27.087	E	159	5.4	1.1	284	DODECANESE ISLANDS. Mw 5.2 (HRV). Felt on Crete. Centroid, Moment Tensor (HRV): Centroid origin time 15:39:10.7; Lat 36.47 N; Lon 27.14 E; Dep 151.9; Half- duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=9.10, Plg=35, Azm=283; (N) Val=-2.18, Plg=43, Azm=54; (P) Val=-6.92, Plg=27, Azm=173; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=315, Dip=44, Slip=173; NP2: Strike=50, Dip=85, Slip=46.		
12	16	01	30.9*	44.326	N	148.971	E	33	N	3.9	0.9	14	KURIL ISLANDS	
12	16	32	53.6%	28.021	N	140.076	E	427	*	3.4	0.5	11	BONIN ISLANDS REGION	
12	17	20	15.1	44.868	N	148.281	E	33	N	4.1	0.7	18	KURIL ISLANDS	
12	18	00	35.3?	7.36	N	77.63	W	33	N	4.4	0.6	9	PANAMA-COLOMBIA BORDER REGION	
12	18	45	52.0	6.306	S	154.861	E	55	D	5.3	5.8	1.2	89	SOLOMON ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Moment Tensor (GS): Dep 35; Principal axes (scale 10**17 Nm): (T) Val=8.85, Plg=81, Azm=246; (N) Val=-0.41, Plg=3, Azm=138; (P) Val=-8.45, Plg=8, Azm=48; Best double couple: Mo=8.6*10**17 Nm; NP1: Strike=135, Dip=37, Slip=85; NP2: Strike=320, Dip=53, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 18:45:57.6; Lat 6.47 S; Lon 154.78 E; Dep 51.4; Half- duration 2.3 sec; Principal axes (scale 10**17 Nm): (T) Val=9.37, Plg=84, Azm=3; (N) Val=-0.35, Plg=4, Azm=136; (P) Val=-9.02, Plg=5, Azm=227; Best double couple: Mo=9.2*10**17 Nm; NP1: Strike=322, Dip=41, Slip=97; NP2: Strike=133, Dip=50, Slip=84.
12	20	09	25.5*	18.899	N	145.438	E	244	*	4.0	1.0	28	MARIANA ISLANDS	
12	20	46	53.8*	19.866	S	66.476	E	10	G	4.3	0.9	10	MAURITIUS-REUNION REGION	
12	22	31	07.6	56.958	N	33.682	W	10	G	4.5	4.6	0.9	70	NORTH ATLANTIC OCEAN
12	22	46	00.7*	11.773	N	93.128	E	33	N	3.8	0.7	10	ANDAMAN ISLANDS, INDIA	
12	23	00	35.3%	63.050	N	150.444	W	96				57	CENTRAL ALASKA. <AEIC>.	
12	23	31	22.5?	20.70	S	177.91	W	500	G	3.9	1.4	10	FIJI ISLANDS REGION	
12	23	39	51.7*	2.990	N	126.228	E	33	N	4.5	1.0	24	NORTHERN MOLUCCA SEA	
13	00	01	11.7	31.449	N	73.514	E	49	D	4.4	3.8	1.0	30	PAKISTAN
13	00	12	42.9*	8.709	S	124.291	E	33	N	3.7	1.2	11	TIMOR REGION, INDONESIA	
13	00	48	11.5*	40.554	N	79.364	E	39	D	3.9	0.9	16	SOUTHERN XINJIANG, CHINA	
13	00	50	31.6*	10.952	S	166.447	E	169	D	3.9	1.1	17	SANTA CRUZ ISLANDS	
13	02	06	30.0?	65.16	N	132.52	W	10	G		1.7	7	NORTHERN YUKON TERRITORY, CANADA	
13	03	44	46.4%	62.640	N	149.924	W	74				59	CENTRAL ALASKA. <AEIC>.	
13	03	55	04.0*	22.326	S	112.892	W	10	G	4.4	1.1	34	EASTER ISLAND REGION	
13	03	57	56.9?	21.80	N	121.26	E	33	N	3.9	1.5	11	TAIWAN REGION	
13	04	09	20.1%	28.866	N	34.855	E	10	G		0.4	5	EGYPT. MD 2.8 (RYD).	
13	04	19	04.3	50.478	N	18.869	E	10	G		0.9	10	POLAND. MG 2.6 (WAR).	
13	04	22	30.2	35.957	N	70.719	E	105	D	4.0	0.7	18	HINDU KUSH REGION, AFGHANISTAN	
13	04	26	31.4?	31.76	S	69.59	W	100	G		1.0	10	SAN JUAN PROVINCE, ARGENTINA	
13	04	50	53.8*	14.751	S	173.806	W	33	N	4.6	1.0	49	SAMOA ISLANDS REGION	
13	05	10	16.5*	13.017	N	88.736	W	107	D	4.0	1.3	18	EL SALVADOR	
13	05	15	15.8*	6.968	S	129.851	E	100	G	4.3	1.3	14	BANDA SEA	
13	05	58	13.1*	55.962	S	27.640	W	33	N	4.7	1.3	26	SOUTH SANDWICH ISLANDS REGION	
13	06	40	13.5	51.704	N	16.171	E	10	G		1.3	13	POLAND. ML 2.8 (MOX).	
13	07	38	16.9	26.655	S	70.326	W	33	N	4.5	0.8	18	NEAR COAST OF NORTHERN CHILE	
13	07	43	54.3?	42.82	N	7.21	W	10	G		0.4	4	SPAIN. mbLg 3.2 (MDD).	
13	08	07	38.7?	6.79	S	147.30	E	68	*	3.8	0.9	10	EASTERN NEW GUINEA REG., P.N.G.	
13	08	54	01.8?	11.96	S	165.82	E	33	N	3.7	1.2	10	SANTA CRUZ ISLANDS	
13	09	06	58.5	51.643	N	16.195	E	10	G		1.0	19	POLAND. ML 3.3 (VIE), 3.1 (MOX), 3.0 (CLL), 2.8 (GRF).	
13	10	01	38.7?	15.24	N	97.29	W	33	N	3.7	0.6	9	NEAR COAST OF OAXACA, MEXICO	
13	10	02	48.8?	10.67	S	161.79	E	33	N	3.6	1.5	8	SOLOMON ISLANDS	
13	10	10	33.8	43.087	N	144.908	E	57	D	4.1	0.8	37	HOKKAIDO, JAPAN REGION	
13	10	45	19.9	7.134	N	94.477	E	33	N	4.9	4.8	1.3	69	NICOBAR ISLANDS, INDIA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:45:22.4; Lat 7.28 N; Lon 94.57 E; Dep 48.1; Half- duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.30, Plg=2, Azm=101; (N) Val=-0.08, Plg=87, Azm=223; (P) Val=-1.21, Plg=3, Azm=11; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=146, Dip=87, Slip=-179; NP2: Strike=56, Dip=89, Slip=3.
13	10	54	57.7%	60.331	N	152.281	W	80				80	SOUTHERN ALASKA. <AEIC>.	
13	11	04	53.7*	7.082	N	94.477	E	33	N	3.7	0.6	8	NICOBAR ISLANDS, INDIA	
13	11	06	01.5*	26.266	N	70.461	E	236	*	4.0	0.8	21	HINDU KUSH REGION, AFGHANISTAN	
13	12	54	02.4?	35.68	N	123.32	E	232	?	3.9	0.8	16	NORTHEAST OF TAIWAN	
13	13	00	22.0	46.286	N	12.578	E	10	G	4.0	1.2	90	NORTHERN ITALY. ML 4.4 (MOX), 4.3 (VIE), 4.2 (CLL), 4.1 (LJU), 4.1 (ROM), 3.8 (BRA). MD 4.0 (TRI). Felt (III) at Ljubljana, Slovenia.	
13	13	15	45.2%	4.077	S	129.254	E	100	G	4.0	1.1	13	BANDA SEA	
13	13	51	30.7*	26.365	S	75.268	E	10	G	4.4	0.7	10	MID-INDIAN RIDGE	
13	14	37	08.5?	16.92	N	91.27	W	33	N	3.9	1.6	9	MEXICO-GUATEMALA BORDER REGION	
13	14	43	24.0?	34.72	S	71.09	W	90	G		0.2	9	NEAR COAST OF CENTRAL CHILE	
13	15	29	04.5*	38.638	N	71.088	E	33	N	3.8	1.3	10	AFGHANISTAN-TAJIKISTAN BORD REG.	
13	15	32	19.5?	32.13	S	70.92	W	90	G		0.4	9	CHILE-ARGENTINA BORDER REGION	
13	15	39	56.4*	5.362	S	151.739	E	56	?	4.3	1.0	24	NEW BRITAIN REGION, P.N.G.	
13	16	00	12.1?	16.26	S	174.23	W	33	N	4.1	0.8	9	TONGA ISLANDS	
13	16	24	36.5?	31.59	S	69.63	W	100	G		1.0	10	SAN JUAN PROVINCE, ARGENTINA	
13	16	43	42.4%	33.720	S	70.480	W	90	G		0.2	9	CHILE-ARGENTINA BORDER REGION	
13	16	50	40.3%	28.851	N	34.900	E	10	G		0.5	5	EGYPT	
13	16	55	03.9?	48.90	N	128.86	W	10	G	3.6	1.2	7	VANCOUVER ISLAND REGION	
13	17	05	59.4	30.019	N	139.085	E	429		3.5	0.8	21	SOUTH OF HONSHU, JAPAN	
13	17	11	08.9?	11.59	S	165.32	E	121	?	3.9	1.1	14	SANTA CRUZ ISLANDS	
13	17	23	15.1*	9.155	S	123.656	E	100	G	3.8	0.9	9	TIMOR REGION, INDONESIA	
13	17	43	14.9%	27.868	N	130.096	E	33	N		0.5	5	RYUKYU ISLANDS	
13	18	42	57.1?	41.59	N	142.30	E	121	?	3.7	1.0	13	HOKKAIDO, JAPAN REGION	
13	18	46	18.5?	0.12	N	123.81	E	33	N	3.8	0.9	9	MINAHASSA PENINSULA, SULAWESI	
13	19	34	15.6*	6.837	S	153.674	E	33	N	4.0	0.7	11	NEW BRITAIN REGION, P.N.G.	
13	19	49	38.0*	16.208	N	98.810	W	25	D	4.4	1.3	42	NEAR COAST OF GUERRERO, MEXICO	
13	20	45	28.0	46.642	N	7.545	E	10	G		1.2	19	SWITZERLAND	

13	20	48	20.5*	5.711 S	147.791 E	181	4.8	1.0	16	EASTERN NEW GUINEA REG., P.N.G.
13	21	08	43.4%	33.150 S	70.167 W	5 G		0.5	6	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
13	21	32	20.7	7.370 S	156.130 E	54 D	4.4	1.0	38	SOLOMON ISLANDS
13	22	00	48.1*	24.872 N	122.649 E	33 N	3.7	0.7	10	TAIWAN REGION
13	22	14	20.1	7.407 S	156.113 E	63 *	4.4	1.0	35	SOLOMON ISLANDS
13	22	52	13.2%	61.224 N	149.707 W	40			58	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
13	23	03	39.6*	7.209 S	155.863 E	33 N	3.9	1.1	15	SOLOMON ISLANDS
13	23	06	51.8?	7.10 N	94.95 E	33 N	3.7	1.8	7	NICOBAR ISLANDS, INDIA
13	23	26	22.0*	51.308 N	15.513 E	10 G		0.4	6	POLAND. ML 2.8 (MOX).
13	23	32	11.7	20.071 S	176.125 W	213 D	4.7	1.1	54	FIJI ISLANDS REGION
13	23	33	48.7*	16.222 S	173.822 W	100 G	4.5	0.6	34	TONGA ISLANDS
14	00	11	58.9	28.095 N	130.296 E	33 D	3.7	1.2	12	RYUKYU ISLANDS
14	00	35	50.2	7.126 N	94.464 E	33 N	4.5	0.8	35	NICOBAR ISLANDS, INDIA
14	01	15	50.8%	59.711 N	153.451 W	95	2.8		87	SOUTHERN ALASKA. <AEIC>.
14	01	28	28.8%	40.846 N	1.403 E	10 G		1.2	7	BALEARIC ISLANDS. mbLg 3.1 (MDD).
14	02	08	12.1?	23.13 S	169.18 E	33 N	3.8	1.3	12	LOYALTY ISLANDS REGION
14	02	48	01.5	34.301 N	139.236 E	33 N	3.6	0.7	21	NEAR S. COAST OF HONSHU, JAPAN
14	03	29	13.2*	28.778 N	139.845 E	400 *		0.4	10	BONIN ISLANDS REGION
14	03	53	51.3*	43.430 N	146.824 E	33 N	4.2	0.8	20	KURIL ISLANDS
14	03	58	40.0	1.267 S	136.671 E	33 N	4.3	0.8	20	IRIAN JAYA REGION, INDONESIA
14	04	27	22.0*	22.537 S	175.462 W	33 N	4.7	1.1	27	TONGA ISLANDS REGION
14	04	38	11.6*	9.437 S	117.915 E	110 *	4.1	0.9	10	SUMBAWA REGION, INDONESIA
14	04	49	52.1?	13.66 N	120.66 E	33 N	4.3	0.5	6	MINDORO, PHILIPPINE ISLANDS
14	04	50	44.9*	44.379 N	9.762 E	10 G		1.2	27	NORTHERN ITALY. ML 3.2 (GEN).
14	05	08	17.9?	0.36 N	127.25 E	162 *	4.5	0.9	13	HALMAHERA, INDONESIA
14	06	17	27.2?	52.67 S	113.19 W	10 G	3.9	1.8	7	SOUTHERN EAST PACIFIC RISE
14	08	16	40.1*	20.369 S	169.662 E	132 D	4.2	1.1	22	VANUATU ISLANDS
14	08	31	04.4	40.706 N	27.614 E	10 G	4.0	1.3	41	TURKEY. Felt in the Tekirdag area.
14	09	46	09.7%	58.881 N	154.529 W	121	2.7		70	ALASKA PENINSULA. <AEIC>.
14	10	05	34.6*	25.756 N	144.712 E	10 G	4.0	1.1	22	VOLCANO ISLANDS REGION
14	11	01	15.7?	8.83 S	120.00 E	172 *	3.6	0.7	9	FLORES REGION, INDONESIA
14	11	11	37.3*	11.081 S	165.486 E	33 N	4.3	1.0	21	SANTA CRUZ ISLANDS
14	11	32	20.4*	2.333 S	101.816 E	100 G	4.1	1.1	19	SOUTHERN SUMATERA, INDONESIA
14	11	58	17.0*	9.511 S	150.969 E	33 N	3.8	1.0	9	EASTERN NEW GUINEA REG., P.N.G.
14	11	58	53.8	51.592 N	16.467 E	10 G		0.9	18	POLAND. ML 3.8 (GRF), 3.4 (MOX), 3.4 (VIE).
14	12	01	25.6%	44.777 N	7.207 E	10 G		0.4	6	NORTHERN ITALY. ML 2.1 (GEN).
14	12	34	41.4*	6.705 S	130.647 E	72	4.8	1.2	52	BANDA SEA
14	12	59	00.2*	30.106 N	83.971 E	33 N	3.8	0.5	8	XIZANG
14	13	10	48.0*	4.012 S	135.490 E	33 N	4.5	1.2	20	IRIAN JAYA REGION, INDONESIA
14	13	47	05.8*	17.023 S	72.749 W	33 N	4.6 4.3	1.3	28	NEAR COAST OF PERU
14	14	45	50.3%	65.080 N	148.503 W	22			16	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
14	15	10	27.0?	20.42 S	178.92 W	600 G	3.8	0.5	12	FIJI ISLANDS REGION
14	15	50	06.3	50.477 N	19.101 E	10 G		0.4	7	POLAND. MG 2.7 (WAR).
14	17	37	55.8?	9.61 N	79.06 W	33 N	4.2	1.1	15	PANAMA
14	18	33	53.6*	59.035 S	148.659 E	10 G	4.6	0.7	19	WEST OF MACQUARIE ISLAND
14	19	24	46.3*	5.615 S	151.811 E	52 ?	4.5	1.0	22	NEW BRITAIN REGION, P.N.G.
14	19	36	51.2	6.393 S	154.988 E	55 D	4.2	0.9	20	SOLOMON ISLANDS
14	21	44	12.6	42.118 N	142.423 E	59	4.8	1.0	112	HOKKAIDO, JAPAN REGION. Felt (III JMA) at Urakawa; (II JMA) at Noboribetsu, Obihiro and Tomakomai; (I JMA) at Kushiro, Muroran and Sapporo. Also felt (I JMA) at Aomori and Hachinohe, Honshu.
14	22	51	39.4%	50.416 N	84.438 E	10 G	3.7	0.8	8	SOUTHWESTERN SIBERIA, RUSSIA
14	23	32	30.7?	15.01 S	70.12 W	245 *	3.6	1.9	11	SOUTHERN PERU
14	23	39	56.1	4.355 N	125.459 E	139 D	4.3	0.9	24	TALAUD ISLANDS, INDONESIA
14	23	54	12.3	13.612 N	120.883 E	166 D	4.6	1.3	58	MINDORO, PHILIPPINE ISLANDS
15	03	47	51.0?	15.13 N	118.72 E	33 N	3.7	0.6	9	PHILIPPINE ISLANDS REGION
15	04	23	37.5%	35.660 N	75.676 E	33 N	3.7	1.3	15	EASTERN KASHMIR
15	05	02	01.1%	61.689 N	151.855 W	100			62	SOUTHERN ALASKA. <AEIC>.
15	05	30	10.5*	11.550 S	166.715 E	33 N	4.2	1.0	25	SANTA CRUZ ISLANDS
15	05	52	23.0?	41.26 S	88.52 W	10 G	4.2	1.4	6	WEST CHILE RISE
15	05	56	17.8	36.842 N	141.466 E	50 *	3.6	0.4	15	NEAR EAST COAST OF HONSHU, JAPAN
15	06	00	47.0*	11.966 N	125.324 E	219 ?	4.3	1.5	23	SAMAR, PHILIPPINE ISLANDS
15	06	03	23.8%	37.620 N	118.861 W	7			29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.9 (GS).
15	06	24	27.0%	61.701 N	151.991 W	101	2.9		74	SOUTHERN ALASKA. <AEIC>.
15	06	56	36.1*	11.456 S	117.672 E	33 N	4.0	1.5	8	SOUTH OF SUMBAWA, INDONESIA
15	07	05	30.7?	5.709 S	146.88 E	197 *	4.6	1.2	16	EASTERN NEW GUINEA REG., P.N.G.
15	07	27	35.5	44.336 N	133.602 E	459 *	3.8	0.7	25	E. RUSSIA-N.E. CHINA BORDER REG.
15	07	46	25.2*	5.249 S	131.355 E	33 N	4.6	1.4	14	BANDA SEA
15	09	15	33.1	44.134 N	149.119 E	33 N	4.5	1.1	49	KURIL ISLANDS
15	09	46	30.3	5.415 N	125.442 E	191 D	4.4	1.3	51	MINDANAO, PHILIPPINE ISLANDS
15	09	51	00.2?	26.47 S	179.55 E	500 G	4.3	1.2	13	SOUTH OF FIJI ISLANDS
15	09	52	16.9*	51.779 N	30.115 W	10 G	3.9	1.0	12	NORTHERN MID-ATLANTIC RIDGE
15	10	26	13.6?	0.08 N	123.54 E	33 N	3.8	1.3	6	MINAHASSA PENINSULA, SULAWESI
15	11	41	52.1	1.299 S	137.132 E	33 N	4.4	0.9	21	NEAR NORTH COAST OF IRIAN JAYA
15	12	03	11.5	28.947 N	130.120 E	46	4.2	1.0	27	RYUKYU ISLANDS
15	12	29	20.5	43.662 N	127.503 W	10 G	4.7 4.8	0.8	195	OFF COAST OF OREGON. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:29:22.6; Lat 43.39 N; Lon 127.84 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.38, Plg=12, Azm=69; (N) Val=-0.18, Plg=74, Azm=207; (P) Val=-1.20, Plg=10, Azm=337; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=113, Dip=74, Slip=179; NP2: Strike=203, Dip=89, Slip=16.
15	12	51	43.2	0.490 S	135.796 E	33 N	5.1 4.8	1.0	63	IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:51:43.8; Lat 0.69 S; Lon 136.12 E; Dep 27.2; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.59, Plg=55, Azm=164; (N) Val=-0.12, Plg=74, Azm=287; (P) Val=-1.47, Plg=27, Azm=28; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=158, Dip=26, Slip=144; NP2: Strike=281, Dip=75, Slip=68.
15	13	07	47.5*	46.580 N	12.583 E	10 G		0.8	10	NORTHERN ITALY. ML 3.3 (GRF), 2.9 (VIE).

15	13	29	48.0*	23.390 S	179.849 E	600 G	4.5	0.6	27	SOUTH OF FIJI ISLANDS
15	14	10	42.5*	26.593 N	54.382 E	33 N	4.0	0.9	13	SOUTHERN IRAN
15	14	55	32.6	6.188 S	154.832 E	56 D	5.7	1.0	199	SOLOMON ISLANDS. Mw 5.5 (GS), 5.5 (HRV). Moment Tensor (GS): Dep 46; Principal axes (scale 10**17 Nm): (T) Val=-2.01, Plg=79, Azm=178; (N) Val=0.34, Plg=9, Azm=321; (P) Val=-2.36, Plg=7, Azm=52; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=153, Dip=39, Slip=105; NP2: Strike=314, Dip=52, Slip=78. Centroid, Moment Tensor (HRV): Centroid origin time 14:55:35.8; Lat 6.37 S; Lon 154.87 E; Dep 65.9; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.23, Plg=85, Azm=207; (N) Val=-0.07, Plg=2, Azm=319; (P) Val=-2.16, Plg=5, Azm=49; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=141, Dip=40, Slip=93; NP2: Strike=318, Dip=50, Slip=88.
15	15	37	29.9%	37.471 N	118.814 W	8			28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.8 (GS). Small precursor about 14 seconds prior to this event.
15	16	51	08.07	10.88 S	162.05 E	33 N	3.8	1.6	10	SOLOMON ISLANDS
15	18	23	08.0	6.193 S	154.850 E	52 D	4.5	1.0	38	SOLOMON ISLANDS
15	18	42	47.1*	2.323 N	84.551 W	33 N	4.0	1.2	15	OFF COAST OF CENTRAL AMERICA
15	19	43	58.3*	28.206 N	139.526 E	426 *	3.6	1.2	16	BONIN ISLANDS REGION
15	19	44	10.97	11.99 S	166.21 E	155 ?	4.5	1.0	19	SANTA CRUZ ISLANDS
15	19	44	32.2*	51.307 N	15.769 E	10 G		1.4	8	POLAND. ML 2.7 (MOX).
15	20	02	46.2	25.949 S	68.683 W	109 D	4.4	1.0	39	CHILE-ARGENTINA BORDER REGION
15	20	03	49.6	0.186 S	18.318 W	10 G	4.7 4.2	1.0	73	CENTRAL MID-ATLANTIC RIDGE
15	20	28	10.1%	42.994 N	7.509 W	10 G		0.8	6	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Sarria-Becerrea area.
15	20	37	07.0%	33.308 S	70.955 W	70 G		0.3	9	CHILE-ARGENTINA BORDER REGION
15	21	51	20.6%	62.771 N	150.749 W	88	3.2		93	CENTRAL ALASKA. <AEIC>.
15	22	03	00.8%	33.351 S	71.927 W	20 G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
15	22	16	56.1*	39.909 N	21.107 E	10 G	3.4	1.4	8	GREECE
15	22	46	52.9*	2.231 N	84.804 W	33 N	4.3	0.9	21	OFF COAST OF CENTRAL AMERICA
15	22	50	09.7%	40.370 N	125.031 W	7	3.4		54	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. Mw 4.4 (BRK). MD 3.8 (GM). ML 4.0 (BRK). Scalar Moment (BRK): Mo=4.2*10**15 Nm.
15	23	13	02.4*	12.622 N	87.661 W	33 N	4.2	1.1	14	NEAR COAST OF NICARAGUA
15	23	33	52.5%	62.882 N	150.755 W	100	3.3		88	CENTRAL ALASKA. <AEIC>.
16	00	12	02.2*	28.941 N	34.674 E	16 D	3.9	1.0	24	EGYPT
16	00	20	42.27	39.46 N	24.36 E	10 G	3.4	1.8	12	AEGEAN SEA
16	00	30	26.9*	51.746 N	151.564 E	500 G	3.8	0.8	23	SEA OF OKHOTSK
16	00	30	54.6	24.061 S	177.036 W	111 D	6.4 6.8	1.0	376	SOUTH OF FIJI ISLANDS. Mw 7.2 (GS), 7.2 (HRV). Me 6.9 (GS). Broadband Source Parameters (GS): NP1: Strike=315, Dip=75, Slip=125; NP2: Strike=65, Dip=38, Slip=25; Radiated energy 5.8*10**14 Nm. Two events about 2.0 seconds apart observed on broadband displacement seismograms. Moment Tensor (GS): Dep 95; Principal axes (scale 10**19 Nm): (T) Val=5.63, Plg=44, Azm=262; (N) Val=1.72, Plg=37, Azm=125; (P) Val=-7.35, Plg=23, Azm=17; Best double couple: Mo=6.5*10**19 Nm; NP1: Strike=60, Dip=40, Slip=20; NP2: Strike=315, Dip=78, Slip=128. Centroid, Moment Tensor (HRV): Centroid origin time 00:31:04.6; Lat 23.98 S; Lon 176.47 W; Dep 116.2; Half-duration 9.3 sec; Principal axes (scale 10**19 Nm): (T) Val=5.99, Plg=49, Azm=257; (N) Val=0.86, Plg=32, Azm=122; (P) Val=-6.85, Plg=23, Azm=17; Best double couple: Mo=6.4*10**19 Nm; NP1: Strike=63, Dip=36, Slip=26; NP2: Strike=311, Dip=75, Slip=123. Scalar Moment (PPT): Mo=9.5*10**19 Nm.
16	01	07	14.17	20.32 S	173.62 W	33 N	4.2	0.7	8	TONGA ISLANDS
16	01	13	59.5%	33.803 S	70.913 W	70 G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
16	01	29	16.5	51.679 N	16.246 E	10 G		0.6	12	POLAND. ML 3.2 (GRF), 2.5 (MOX).
16	02	41	45.9%	37.619 N	118.858 W	9			39	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).
16	02	45	55.7*	13.976 N	120.920 E	33 N	4.5	1.2	17	MINDORO, PHILIPPINE ISLANDS
16	05	06	05.0*	30.516 S	71.247 W	10 G		0.8	13	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
16	05	07	32.9%	34.622 N	116.564 W	8			33	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.0 (GS).
16	05	21	51.7*	2.381 S	128.247 E	33 N	4.3	1.5	11	CERAM SEA
16	05	33	11.4*	54.190 S	42.562 W	10 G	4.7	1.0	21	SOUTH ATLANTIC OCEAN
16	05	55	57.1*	24.637 S	68.950 W	104 D	4.0	1.1	29	CHILE-ARGENTINA BORDER REGION
16	06	05	14.27	12.78 N	143.02 E	154 ?	3.5	0.4	6	SOUTH OF MARIANA ISLANDS
16	06	35	09.4*	31.483 S	4.723 W	10 G	4.7	1.0	38	SOUTH ATLANTIC OCEAN
16	06	35	21.47	43.88 N	150.60 E	33 N	3.9	1.3	9	EAST OF KURIL ISLANDS
16	07	47	12.7	38.917 N	143.448 E	33 N	3.7	0.9	22	OFF EAST COAST OF HONSHU, JAPAN
16	08	24	11.27	31.94 S	71.63 W	15 G		0.6	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
16	10	24	29.6%	62.029 N	149.450 W	45			67	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
16	10	32	11.6*	7.409 S	128.470 E	150 G	4.0	1.2	11	BANDA SEA
16	12	32	48.5*	15.760 N	39.369 E	10 G	3.9	0.8	19	ETHIOPIA
16	12	52	47.5	52.145 N	152.639 E	498 ?	3.8	0.8	21	NORTHWEST OF KURIL ISLANDS
16	12	58	29.87	17.74 S	173.10 W	33 N	4.5	1.1	19	TONGA ISLANDS
16	14	03	25.4	33.373 S	57.331 E	10 G	5.1	1.2	48	SOUTHWEST INDIAN RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:03:30.6; Lat 33.20 S; Lon 57.02 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.74, Plg=9, Azm=316; (N) Val=-0.05, Plg=74, Azm=192; (P) Val=-1.69, Plg=13, Azm=49; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=92, Dip=75, Slip=3; NP2: Strike=183, Dip=87, Slip=164.
16	14	31	46.47	34.65 S	70.48 W	120 G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
16	15	12	22.9*	59.821 S	26.357 W	33 N	4.5	0.8	19	SOUTH SANDWICH ISLANDS REGION
16	16	00	20.5	22.463 S	177.287 W	230 ?	4.8	0.9	77	SOUTH OF FIJI ISLANDS
16	18	06	52.2	46.293 N	12.665 E	10 G		0.9	43	NORTHERN ITALY. ML 4.0 (GRF), 3.7 (VIE), 3.4 (CLL), 3.4 (LJU). MD 3.5 (ROM), 3.4 (TRI).
16	19	20	11.1*	24.015 S	70.209 W	33 N	3.6	0.4	10	NEAR COAST OF NORTHERN CHILE

16	21	04	30.4?	6.02	N	126.09	E	154 *	4.0	1.0	8	MINDANAO, PHILIPPINE ISLANDS
16	21	11	13.8*	9.145	S	117.188	E	33 N	4.1	1.2	10	SUMBAWA REGION, INDONESIA
16	21	14	54.2*	37.626	N	118.887	W	5		26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).	
16	21	24	22.6*	26.659	N	100.152	E	10 G	4.2	0.4	8	YUNNAN, CHINA
16	21	26	56.7*	19.845	N	121.521	E	43 D	4.4	1.1	27	PHILIPPINE ISLANDS REGION
16	22	43	34.6	37.644	N	4.661	W	10 G	4.0	1.2	66	SPAIN. mblg 4.3 (MDD). Felt (VI) in the Montilla area.
16	22	54	56.1*	17.767	S	178.319	W	600 G	4.1	0.7	17	FIJI ISLANDS REGION
16	23	35	49.9*	37.693	N	139.704	E	10 G		0.8	5	EASTERN HONSHU, JAPAN
17	00	15	31.3?	16.31	S	74.02	W	33 N	4.2	1.6	9	NEAR COAST OF PERU
17	00	22	49.4	52.243	N	173.515	W	73 D	4.6	1.2	78	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) at Atka Village.
17	00	36	12.6*	37.547	N	4.674	W	10 G		0.5	6	SPAIN. mblg 2.2 (MDD).
17	00	43	08.7	28.445	N	142.711	E	33 N	4.5	1.2	51	BONIN ISLANDS REGION
17	01	29	48.5*	21.772	S	68.234	W	136 *	4.3	1.3	32	CHILE-BOLIVIA BORDER REGION
17	04	11	55.1	1.508	N	29.594	W	10 G	4.6	0.9	39	CENTRAL MID-ATLANTIC RIDGE
17	05	39	34.1?	34.27	N	33.67	E	33 N	4.0	0.8	10	CYPRUS REGION
17	06	51	42.5*	17.550	S	179.128	W	600 G	4.6	1.1	47	FIJI ISLANDS REGION
17	08	34	41.8*	40.858	N	123.932	W	7		27	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.2 (BRK).	
17	09	51	03.1*	44.159	N	149.028	E	33 N	4.2	1.1	39	KURIL ISLANDS
17	10	07	33.3*	20.410	S	178.595	W	600 G	4.1	0.9	33	FIJI ISLANDS REGION
17	10	30	31.5?	44.06	N	149.02	E	33 N	3.8	0.9	12	KURIL ISLANDS
17	13	01	41.0?	5.49	S	145.87	E	33 N	3.6	0.5	5	EASTERN NEW GUINEA REG., P.N.G.
17	13	11	44.1*	37.603	N	118.824	W	2		45	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 2.9 (GS).	
17	13	17	59.4	25.237	N	128.033	E	13	4.1	0.6	22	RYUKYU ISLANDS
17	13	54	51.8*	62.806	N	149.802	W	77	2.6	84	CENTRAL ALASKA. <AEIC>.	
17	14	06	45.7*	34.011	N	135.530	E	60 G		0.6	6	NEAR S. COAST OF WESTERN HONSHU
17	14	14	58.0*	24.249	S	176.855	W	100 G	5.0	1.4	35	SOUTH OF FIJI ISLANDS
17	14	57	14.3	38.805	N	119.577	W	5 G		0.9	12	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).
17	15	43	56.3*	3.668	S	140.211	E	33 N	3.8	0.8	13	IRIAN JAYA, INDONESIA
17	15	46	53.5	50.770	N	85.389	E	33 N	4.4	1.1	38	SOUTHWESTERN SIBERIA, RUSSIA
17	16	08	45.9?	34.14	S	70.53	W	100 G		0.1	7	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
17	16	39	06.4*	24.250	S	67.163	W	178 *	3.6	0.6	17	CHILE-ARGENTINA BORDER REGION
17	18	07	57.2*	37.648	N	4.638	W	5		0.7	29	SPAIN. mblg 4.2 (MDD). Felt (IV) in the Montilla area.
17	18	26	19.0*	33.966	S	69.932	W	5 G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
17	20	56	51.6*	31.424	S	117.711	E	10 G		0.3	5	WESTERN AUSTRALIA
17	21	48	31.2*	35.764	N	70.480	E	93 ?	4.0	1.1	19	HINDU KUSH REGION, AFGHANISTAN
17	21	57	51.4	36.360	N	25.207	E	33 N	4.4	1.4	80	DODECANESE ISLANDS
17	22	27	17.7*	33.155	S	70.315	W	5 G		0.3	6	CHILE-ARGENTINA BORDER REGION
17	23	09	29.6?	27.42	N	128.78	E	64 ?	3.9	1.3	13	RYUKYU ISLANDS
17	23	40	37.0*	40.321	N	123.964	W	27		24	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).	
17	23	56	24.2	11.701	N	126.195	E	57 *	4.6	1.1	44	PHILIPPINE ISLANDS REGION
18	00	01	18.1	16.107	S	87.279	E	10 G	5.0	1.0	51	SOUTH INDIAN OCEAN. Mw 5.5 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time												
00:01:24.2; Lat 15.94 S; Lon 87.23 E; Dep 15.0 Fix; Half-												
duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)												
Val=-1.93, Plg=2, Azm=34; (N) Val=0.04, Plg=87, Azm=253; (P)												
Val=-1.97, Plg=2, Azm=124; Best double couple:												
Mo=2.0*10**17 Nm; NP1: Strike=169, Dip=87, Slip=0; NP2:												
Strike=79, Dip=90, Slip=177.												
18	00	18	38.9	36.718	N	21.724	E	33 N	3.8	0.8	21	SOUTHERN GREECE
18	00	52	04.5	46.940	N	152.912	E	80 ?	4.3	1.0	48	KURIL ISLANDS
18	01	14	17.0*	50.665	N	129.508	W	10 G	3.3	1.1	23	VANCOUVER ISLAND REGION
18	01	54	50.8?	34.60	S	70.74	W	100 G		0.1	6	CHILE-ARGENTINA BORDER REGION
18	02	21	37.4?	34.21	S	179.01	W	33 N	4.1	1.0	9	SOUTH OF KERMADEC ISLANDS
18	03	25	05.4*	32.396	N	131.849	E	10 G		0.5	6	KYUSHU, JAPAN
18	03	47	58.4	24.204	S	176.948	W	108 D	4.9	1.1	48	SOUTH OF FIJI ISLANDS
18	05	31	39.4	44.169	N	6.832	E	10 G		1.3	26	FRANCE. ML 3.5 (GEN).
18	05	42	07.4?	35.94	N	140.15	E	33 N		0.3	4	NEAR EAST COAST OF HONSHU, JAPAN
18	06	12	57.5	12.816	N	124.982	E	33 N	5.5 5.7	1.0	152	SAMAR, PHILIPPINE ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Me 5.5 (GS).
Broadband Source Parameters (GS): Dep 22; NP1: Strike=160,												
Dip=40, Slip=80; NP2: Strike=353, Dip=51, Slip=98; Radiated												
energy 4.0*10**12 Nm.												
Moment Tensor (GS): Dep 28; Principal axes (scale 10**17												
Nm): (T) Val=6.17, Plg=72, Azm=271; (N) Val=0.85, Plg=6,												
Azm=161; (P) Val=-7.03, Plg=16, Azm=69; Best double couple:												
Mo=6.6*10**17 Nm; NP1: Strike=150, Dip=29, Slip=77; NP2:												
Strike=345, Dip=62, Slip=97.												
Centroid, Moment Tensor (HRV): Centroid origin time												
06:13:00.4; Lat 12.83 N; Lon 125.38 E; Dep 35.0; Half-												
duration 2.2 sec; Principal axes (scale 10**17 Nm): (T)												
Val=6.50, Plg=67, Azm=270; (N) Val=0.15, Plg=8, Azm=161;												
(P) Val=-6.65, Plg=22, Azm=68; Best double couple:												
Mo=6.6*10**17 Nm; NP1: Strike=143, Dip=24, Slip=70; NP2:												
Strike=345, Dip=67, Slip=99.												
18	07	03	52.6?	32.61	S	70.10	W	100 G		0.1	5	CHILE-ARGENTINA BORDER REGION
18	07	52	49.6*	17.011	S	71.015	W	105 D	4.0	1.6	15	NEAR COAST OF PERU
18	08	19	49.5	52.450	N	168.741	W	33 N	4.1	1.0	31	FOX ISLANDS, ALEUTIAN ISLANDS
18	08	51	07.9	7.268	S	129.047	E	140	4.4	1.0	23	BANDA SEA
18	09	25	49.0?	11.35	N	88.71	W	33 N	4.1	1.0	14	OFF COAST OF CENTRAL AMERICA
18	09	58	10.3*	33.070	S	71.295	W	50 G		0.3	7	NEAR COAST OF CENTRAL CHILE
18	10	01	59.7*	34.224	S	70.892	W	80 G		0.2	8	CHILE-ARGENTINA BORDER REGION
18	10	33	49.4	4.589	S	153.096	E	38	5.0 5.0	1.0	80	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time												
10:33:53.2; Lat 5.02 S; Lon 152.99 E; Dep 57.2; Half-												
duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)												
Val=-1.42, Plg=39, Azm=3; (N) Val=-0.49, Plg=24, Azm=251;												
(P) Val=-0.93, Plg=41, Azm=139; Best double couple:												
Mo=1.2*10**17 Nm; NP1: Strike=159, Dip=24, Slip=3; NP2:												
Strike=251, Dip=89, Slip=-114.												
18	11	54	32.0	38.384	N	69.630	E	33 N	4.6	1.1	34	TAJIKISTAN
18	12	38	51.3?	54.06	N	166.19	W	81 *	3.6	0.8	9	FOX ISLANDS, ALEUTIAN ISLANDS
18	13	09	21.6	6.270	S	154.426	E	33 N	5.2 5.0	0.9	91	SOLOMON ISLANDS. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 13:09:23.6; Lat 6.64 S; Lon 154.45 E; Dep 42.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.30, Plg=67, Azm=50; (N) Val=0.70, Plg=6, Azm=305; (P) Val=-8.00, Plg=22, Azm=212; Best double couple: Mo=7.7*10**16 Nm; NP1: Strike=290, Dip=24, Slip=74; NP2: Strike=128, Dip=67, Slip=97.

18 13 32 34.9* 7.855 N 123.057 E 33 N 4.1 1.0 22 MINDANAO, PHILIPPINE ISLANDS
 18 13 52 01.6 48.330 N 154.458 E 33 N 4.5 1.0 51 KURIL ISLANDS
 18 14 48 55.76 60.105 N 153.570 W 139 83 SOUTHERN ALASKA. <AEIC>.
 18 15 01 48.9* 13.866 S 13.989 W 10 G 4.3 1.2 11 SOUTHERN MID-ATLANTIC RIDGE
 18 15 14 23.2* 19.442 N 146.393 E 69 * 4.1 1.1 21 MARIANA ISLANDS REGION
 18 16 15 14.2? 10.63 N 62.03 W 50 G 0.5 6 NEAR COAST OF VENEZUELA
 18 16 33 47.8* 14.825 S 173.570 W 33 N 3.9 0.8 16 SAMOA ISLANDS REGION
 18 16 52 52.8? 9.48 N 124.85 E 83 ? 4.0 1.1 10 MINDANAO, PHILIPPINE ISLANDS
 18 17 08 26.1 47.345 N 154.171 E 33 N 5.3 4.8 1.0 160 KURIL ISLANDS. Mw 5.3 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 17:08:27.7; Lat 47.06 N; Lon 154.42 E; Dep 37.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.05, Plg=84, Azm=330; (N) Val=0.03, Plg=5, Azm=164; (P) Val=-1.09, Plg=1, Azm=74; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=158, Dip=44, Slip=82; NP2: Strike=349, Dip=47, Slip=97.

18 19 16 04.4* 38.333 N 139.374 E 186 * 3.8 0.8 13 NEAR WEST COAST OF HONSHU, JAPAN
 18 20 13 04.5* 27.865 N 56.868 E 33 N 4.0 1.1 24 SOUTHERN IRAN
 18 20 17 00.7? 12.16 N 142.43 E 117 ? 3.8 1.3 15 SOUTH OF MARIANA ISLANDS
 18 20 47 13.6* 12.470 N 141.905 E 100 G 4.1 1.3 23 SOUTH OF MARIANA ISLANDS
 18 20 47 34.6? 1.49 N 127.06 E 100 * 3.8 1.0 9 HALMAHERA, INDONESIA
 18 21 05 03.0 51.608 N 7.426 E 10 G 0.9 10 GERMANY. ML 2.6 (DBN).
 18 21 55 31.3% 34.076 S 71.438 W 33 N 0.2 7 NEAR COAST OF CENTRAL CHILE
 18 21 58 29.3 36.224 N 4.666 E 10 G 4.8 4.6 1.2 140 NORTHERN ALGERIA. mbLg 4.1 (MDD).
 18 22 16 23.6 17.406 N 101.032 W 33 N 4.5 0.9 69 NEAR COAST OF GUERRERO, MEXICO. Felt at Mexico City.
 18 22 21 54.5* 36.162 N 71.449 E 150 G 3.8 0.9 8 AFGHANISTAN-TAJIKISTAN BORD REG.
 18 22 39 58.46 59.294 N 152.203 W 61 36 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
 18 23 08 51.6? 33.70 S 178.85 W 33 N 4.3 0.8 8 SOUTH OF KERMADEC ISLANDS
 18 23 21 51.96 36.875 N 121.607 W 5 81 CENTRAL CALIFORNIA. <GM-P>. Mw 4.4 (BRK). MD 3.8 (GM). ML 3.9 (BRK). 3.8 (GS). Felt at Morgan Hill, Palo Alto, San Jose, Santa Clara, Santa Cruz, Saratoga and Watsonville. Scalar Moment (BRK): Mo=4.8*10**15 Nm.

19 00 19 31.1 23.944 S 70.093 W 50 D 6.0 6.1 1.0 295 NEAR COAST OF NORTHERN CHILE. Mw 6.6 (GS), 6.6 (HRV). Me 6.5 (GS). Felt (V-VI) at Calama; (V) at Antofagasta, Maria Elena and Tocopilla; (IV) at Taltal. Broadband Source Parameters (GS): Dep 46; NP1: Strike=15, Dip=25, Slip=105; NP2: Strike=179, Dip=66, Slip=83; Radiated energy 1.1*10**14 Nm. Moment Tensor (GS): Dep 42; Principal axes (scale 10**18 Nm): (T) Val=6.81, Plg=70, Azm=59; (N) Val=1.33, Plg=10, Azm=176; (P) Val=-8.15, Plg=18, Azm=269; Best double couple: Mo=7.5*10**18 Nm; NP1: Strike=14, Dip=28, Slip=110; NP2: Strike=171, Dip=63, Slip=79. Centroid, Moment Tensor (HRV): Centroid origin time 00:19:40.1; Lat 23.95 S; Lon 70.58 W; Dep 50.0; Half-duration 4.8 sec; Principal axes (scale 10**18 Nm): (T) Val=8.18, Plg=63, Azm=70; (N) Val=0.51, Plg=6, Azm=173; (P) Val=-8.69, Plg=26, Azm=266; Best double couple: Mo=8.4*10**18 Nm; NP1: Strike=11, Dip=19, Slip=109; NP2: Strike=171, Dip=72, Slip=83. Scalar Moment (PPT): Mo=1.4*10**19 Nm.

19 00 52 41.36 36.884 N 121.616 W 5 4.2 153 CENTRAL CALIFORNIA. <GM-P>. Mw 4.7 (BRK). MD 4.5 (GM). ML 4.7 (BRK). Felt (V) at Gilroy and Hollister; (IV) at Moss Landing, Salinas and Tres Pinos; (III) at Morgan Hill. Felt at Berkeley, Emeryville, Menlo Park, Oakland, San Jose and throughout Santa Clara County. Scalar Moment (BRK): Mo=1.1*10**16 Nm.

19 01 31 25.0* 55.270 N 161.999 E 33 N 4.0 0.7 19 NEAR EAST COAST OF KAMCHATKA
 19 02 03 39.8* 35.238 N 46.300 E 33 N 3.6 0.7 10 IRAN-IRAQ BORDER REGION
 19 02 13 01.1* 3.781 S 80.113 W 92 ? 4.0 1.3 26 PERU-ECUADOR BORDER REGION
 19 02 30 09.6 17.757 S 179.865 W 610 D 5.0 0.8 169 FIJI ISLANDS REGION
 19 02 33 01.6 31.405 S 117.805 E 10 G 1.2 7 WESTERN AUSTRALIA
 19 02 35 06.2* 17.328 S 179.829 W 500 G 3.8 1.0 17 FIJI ISLANDS REGION
 19 03 17 10.5 17.744 S 179.886 W 612 D 4.7 0.9 120 FIJI ISLANDS REGION
 19 04 46 31.16 63.416 N 151.513 W 5 3.6 96 CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 4.0 (PMR). Felt at Lake Minchumina.

19 04 48 32.7* 20.530 N 120.136 E 33 N 3.9 0.1 7 PHILIPPINE ISLANDS REGION
 19 05 40 46.2? 2.76 S 152.51 E 33 N 3.7 1.0 9 NEW IRELAND REGION, P.N.G.
 19 06 50 55.5 45.695 N 26.544 E 145 3.7 1.0 37 ROMANIA
 19 07 12 38.6 40.191 N 144.206 E 6 3.9 1.2 29 OFF EAST COAST OF HONSHU, JAPAN
 19 07 14 43.8? 5.81 S 151.00 E 33 N 3.6 1.4 8 NEW BRITAIN REGION, P.N.G.
 19 07 23 46.6? 6.63 S 150.05 E 33 N 3.7 1.0 7 NEW BRITAIN REGION, P.N.G.
 19 07 50 00.3* 0.166 N 123.523 E 103 ? 4.3 1.1 28 MINAHASSA PENINSULA, SULAWESI
 19 08 08 00.6* 1.071 S 136.708 E 33 N 4.3 1.3 15 IRIAN JAYA REGION, INDONESIA
 19 08 50 14.0 36.981 N 83.018 W 0 G 3.9 1.4 26 TENNESSEE. Probable mine collapse.
 19 08 53 02.3? 14.60 S 167.10 E 265 ? 4.3 1.1 45 VANUATU ISLANDS
 19 12 11 42.1 29.807 N 138.807 E 431 3.9 0.7 26 SOUTH OF HONSHU, JAPAN
 19 12 37 57.3* 37.473 N 31.997 W 10 G 4.0 1.0 14 AZORES ISLANDS REGION
 19 13 24 52.4* 51.737 N 174.081 W 33 N 3.4 0.7 9 ANDREANOF ISLANDS, ALEUTIAN IS.
 19 15 27 37.6% 32.664 S 70.614 W 50 G 0.3 10 CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
 19 15 33 59.3* 5.585 N 126.129 E 114 * 4.3 1.3 19 MINDANAO, PHILIPPINE ISLANDS
 19 16 10 15.5 7.239 S 129.325 E 116 4.6 1.0 39 BANDA SEA
 19 19 18 04.56 34.135 N 116.854 W 11 34 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.0 (GS).
 19 19 43 43.9 6.179 S 154.811 E 33 N 4.8 1.1 40 SOLOMON ISLANDS
 19 19 46 01.6* 44.974 N 149.840 E 33 N 4.3 0.8 13 KURIL ISLANDS
 19 19 52 19.96 33.733 N 115.919 W 8 30 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.1 (GS).

19	20	58	57.3*	4.496	S	153.377	E	170 ?	4.2	0.6	11	NEW IRELAND REGION, P.N.G.	
19	21	12	57.06	37.511	N	118.835	W	8			39	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.4 (GS).	
19	22	35	02.98	33.087	S	70.234	W	100 G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).	
19	23	57	11.6*	8.737	S	110.353	E	59 D	4.5	1.1	30	JAWA, INDONESIA	
19	23	58	00.3*	44.531	S	78.247	W	10 G	4.7	1.1	33	OFF COAST OF SOUTHERN CHILE	
20	00	15	11.0*	0.959	N	120.148	E	131 ?	4.6	0.9	19	MINAHASSA PENINSULA, SULAWESI	
20	00	50	19.96	61.732	N	150.784	W	57	2.9		86	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).	
20	02	06	50.77	6.64	S	150.10	E	33 N	3.5	1.3	7	NEW BRITAIN REGION, P.N.G.	
20	03	18	51.96	59.509	N	152.787	W	84	2.9		96	SOUTHERN ALASKA. <AEIC>.	
20	03	53	36.67	5.30	S	152.45	E	33 N	3.8	1.0	9	NEW BRITAIN REGION, P.N.G.	
20	04	38	21.6*	16.707	N	145.926	E	143 *	4.1	1.2	18	MARIANA ISLANDS	
20	04	48	07.1	40.727	N	20.322	E	33 N	4.0	1.2	48	GREECE-ALBANIA BORDER REGION	
20	04	58	44.0*	51.117	N	173.905	E	33 N	4.0	1.1	26	NEAR ISLANDS, ALEUTIAN ISLANDS	
20	05	32	51.38	33.655	S	71.588	W	33 N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).	
20	05	42	00.5*	18.654	N	122.404	E	33 N	4.2	1.2	25	LUZON, PHILIPPINE ISLANDS	
20	06	28	41.06	37.631	N	118.935	W	8			36	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (GS).	
20	06	33	22.5	54.735	N	161.150	W	38	4.7	1.1	63	ALASKA PENINSULA. ML 4.6 (PMR).	
20	06	40	29.36	37.636	N	118.937	W	9			48	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (GS).	
20	07	03	50.9	9.404	N	124.271	E	538	4.8	0.8	61	MINDANAO, PHILIPPINE ISLANDS	
20	07	27	03.98	33.244	S	70.358	W	100 G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).	
20	07	28	04.3*	11.542	N	86.581	W	72 *	4.2	1.0	39	NEAR COAST OF NICARAGUA	
20	09	31	11.9	44.184	N	148.970	E	33 N	4.1	0.9	30	KURIL ISLANDS	
20	09	39	03.06	37.636	N	118.938	W	8			28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.1 (GS).	
20	09	56	03.7	40.471	S	44.700	E	10 G	4.8	4.3	0.9	45	SOUTHWEST INDIAN RIDGE
20	11	22	06.37	40.73	N	23.43	E	10 G		1.1	7	GREECE	
20	11	47	14.16	62.276	N	150.870	W	72	3.9		118	CENTRAL ALASKA. <AEIC>.	
20	12	09	35.7*	1.310	N	128.875	E	33 N	4.4	1.0	13	HALMAHERA, INDONESIA	
20	12	31	19.1	53.466	N	82.442	E	53 *	4.1	0.7	25	SOUTHWESTERN SIBERIA, RUSSIA	
20	12	49	14.67	1.93	S	102.39	E	257 ?	3.8	0.6	11	SOUTHERN SUMATERA, INDONESIA	
20	13	05	29.7*	27.538	N	129.995	E	33 N	4.1	4.2	1.3	21	RYUKYU ISLANDS
20	13	16	59.58	8.301	S	158.921	E	33 N	3.7	1.0	14	SOLOMON ISLANDS	
20	13	53	24.9*	34.937	N	26.137	E	33 N	3.5	1.5	16	CRETE	
20	13	56	15.77	34.51	S	70.76	W	100 G		0.2	5	CHILE-ARGENTINA BORDER REGION	
20	14	49	51.67	32.85	S	70.20	W	110 G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 2.2 (SAN).	
20	16	29	09.8	52.216	N	168.601	W	33 N	4.7	1.1	79	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).	
20	16	38	06.3*	20.060	N	120.447	E	33 N	4.2	1.0	21	PHILIPPINE ISLANDS REGION	
20	16	40	08.3*	52.341	N	168.650	W	33 N	4.0	0.9	23	FOX ISLANDS, ALEUTIAN ISLANDS	
20	16	48	59.9	52.365	N	168.636	W	33 N	4.3	1.1	44	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.2 (PMR).	
20	18	30	28.2	28.056	N	51.874	E	33 N	4.0	1.2	38	SOUTHERN IRAN	
20	18	46	32.86	63.472	N	151.021	W	16			21	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).	
20	19	17	06.1	24.071	S	66.786	W	197 D	5.2	0.8	123	SALTA PROVINCE, ARGENTINA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:17:08.0; Lat 24.15 S; Lon 66.88 W; Dep 190.7; Half- duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.41, Plg=17, Azm=97; (N) Val=-0.10, Plg=7, Azm=4; (P) Val=-1.31, Plg=72, Azm=253; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=198, Dip=29, Slip=-75; NP2: Strike=1, Dip=62, Slip=-98.	
20	19	56	51.1	42.786	N	23.492	E	20	3.7	1.3	30	BULGARIA	
20	20	16	29.07	37.37	N	139.13	E	199 ?	3.8	0.7	7	EASTERN HONSHU, JAPAN	
20	20	31	56.4	37.390	N	71.803	E	122 D	4.4	0.9	52	AFGHANISTAN-TAJIKISTAN BORD REG.	
20	21	34	38.57	22.84	S	169.41	E	33 N	4.3	1.5	17	LOYALTY ISLANDS REGION	
20	22	14	40.7*	35.318	N	23.526	E	34 *	3.7	1.0	32	CRETE	
20	23	03	29.7	22.293	S	179.692	W	593 D	5.2	0.9	137	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:03:33.4; Lat 22.44 S; Lon 179.71 W; Dep 594.4; Half- duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=4.37, Plg=42, Azm=49; (N) Val=-0.98, Plg=24, Azm=163; (P) Val=-3.39, Plg=38, Azm=274; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=67, Dip=24, Slip=174; NP2: Strike=162, Dip=88, Slip=66.	
21	00	42	41.2	45.155	N	149.999	E	52 D	4.0	0.9	31	KURIL ISLANDS	
21	00	58	31.1*	45.207	N	150.221	E	33 N	4.2	1.1	30	KURIL ISLANDS	
21	01	07	44.98	33.475	S	70.038	W	10 G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).	
21	01	09	49.3	34.741	N	73.258	E	37 *	4.0	0.8	23	PAKISTAN	
21	01	39	04.0	38.753	N	119.569	W	5 G		0.8	33	CALIFORNIA-NEVADA BORDER REGION. MD 2.9 (GM).	
21	01	42	37.57	16.48	S	73.34	W	97 ?	4.2	1.5	6	NEAR COAST OF PERU	
21	03	00	17.9	18.171	N	111.572	W	10 G	4.4	1.0	49	REVILLA GIGEDO ISLANDS REGION	
21	05	41	41.3*	26.507	N	118.905	E	33 N	3.5	1.2	11	NEAR SOUTHEASTERN COAST OF CHINA	
21	06	28	18.77	2.73	S	120.73	E	101 ?	3.7	1.2	8	SULAWESI, INDONESIA	
21	06	31	27.8	51.642	N	16.188	E	10 G		0.9	11	POLAND. ML 2.6 (CLL).	
21	07	39	55.3*	13.732	N	90.644	W	78 ?	3.7	1.3	17	NEAR COAST OF GUATEMALA	
21	07	59	24.87	1.09	S	137.26	E	33 N	4.7	1.3	8	NEAR NORTH COAST OF IRIAN JAYA	
21	08	53	13.0*	39.452	N	143.609	E	33 N	4.1	0.7	9	OFF EAST COAST OF HONSHU, JAPAN	
21	09	05	42.4	39.542	N	143.271	E	41 *	4.1	0.9	23	OFF EAST COAST OF HONSHU, JAPAN	
21	09	15	09.4*	39.272	N	142.965	E	33 N	4.1	0.9	9	NEAR EAST COAST OF HONSHU, JAPAN	
21	09	34	23.17	34.95	S	71.00	W	110 G		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).	
21	10	00	38.6*	1.410	S	137.056	E	33 N	4.6	1.4	19	NEAR NORTH COAST OF IRIAN JAYA	
21	10	32	16.4	3.587	S	127.303	E	92 D	5.0	0.9	88	SERAM, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:32:18.8; Lat 3.53 S; Lon 127.47 E; Dep 102.9; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.17, Plg=61, Azm=126; (N) Val=-1.57, Plg=19, Azm=357; (P) Val=-7.60, Plg=21, Azm=260; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=320, Dip=29, Slip=49; NP2: Strike=185, Dip=68, Slip=111.	
21	10	51	50.2*	29.432	N	42.069	W	10 G	3.7	0.4	10	NORTHERN MID-ATLANTIC RIDGE	
21	11	18	33.4	24.352	S	179.948	W	478 ?	4.7	0.9	44	SOUTH OF FIJI ISLANDS	
21	11	20	44.0	43.827	N	150.335	E	33 N	4.1	1.0	38	EAST OF KURIL ISLANDS	

21	12	51	06.2%	33.215	N	131.463	E	10	G	0.3	5	KYUSHU, JAPAN	
21	13	07	54.9%	63.421	N	151.382	W	16			62	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).	
21	13	53	53.3*	35.264	N	137.008	E	20	*	0.9	9	EASTERN HONSHU, JAPAN	
21	14	08	32.6%	37.529	N	118.873	W	11			34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.3 (GS).	
21	14	13	57.7*	38.698	N	40.310	E	10	G	3.6	1.1	10	TURKEY
21	14	16	05.2	20.067	N	120.335	E	33	N	4.1	0.6	17	PHILIPPINE ISLANDS REGION
21	15	45	39.2	12.786	N	125.660	E	33	N	4.6	1.3	41	SAMAR, PHILIPPINE ISLANDS
21	15	50	04.2	51.437	N	178.420	W	28	D	5.0 4.9	1.1	153	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.5 (HRV). ML 5.3 (PMR). Felt (III) on Adak. Centroid, Moment Tensor (HRV): Centroid origin time 15:50:07.5; Lat 51.44 N; Lon 177.47 W; Dep 26.7; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.15, Plg=65, Azm=311; (N) Val=0.00, Plg=6, Azm=53; (P) Val=-2.15, Plg=25, Azm=146; Best double couple: Mo=2.2*10**17 Nm; NPl: Strike=249, Dip=21, Slip=106; NP2: Strike=51, Dip=70, Slip=84.
21	16	51	00.5*	55.529	N	164.568	E	33	N	3.9	1.3	24	KOMANDORSKY ISLANDS REGION
21	17	01	45.8*	35.363	N	0.323	W	10	G	2.9	1.5	7	NORTHERN ALGERIA
21	18	44	41.2%	63.095	N	150.649	W	120				65	CENTRAL ALASKA. <AEIC>.
21	19	01	47.9*	51.871	N	29.975	W	10	G	3.7	0.9	8	NORTHERN MID-ATLANTIC RIDGE
21	19	12	53.0	5.444	S	151.868	E	35	D	4.2	1.0	35	NEW BRITAIN REGION, P.N.G.
21	19	30	27.9*	16.756	S	68.645	W	180		3.9	1.3	15	PERU-BOLIVIA BORDER REGION
21	19	38	28.9*	51.950	N	30.135	W	10	G	3.8	1.1	16	NORTHERN MID-ATLANTIC RIDGE
21	20	20	56.8*	23.432	N	125.392	E	33	N	3.8	1.3	14	SOUTHWESTERN RYUKYU ISLANDS
21	20	47	12.0*	10.686	S	78.489	W	32	*	4.5	1.1	28	NEAR COAST OF PERU
21	22	13	02.7?	6.47	S	106.10	E	162	*	3.5	1.5	9	JAWA, INDONESIA
22	00	07	22.3%	44.391	N	7.332	E	10	G		0.4	7	NORTHERN ITALY. ML 2.3 (GEN).
22	00	18	24.3?	43.12	N	147.50	E	72	?	3.9	0.9	12	KURIL ISLANDS
22	01	07	12.0?	5.05	N	128.01	E	33	N	4.3	1.3	13	EAST OF PHILIPPINE ISLANDS
22	02	02	22.4?	8.65	S	119.49	E	33	N	4.2	1.4	10	FLORES REGION, INDONESIA
22	02	08	34.8%	37.184	N	3.123	W	10	G		0.4	7	SPAIN. mbLg 2.3 (MDD).
22	02	23	47.7	17.203	N	121.128	E	33	N	4.9 4.9	1.1	64	LUZON, PHILIPPINE ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:23:47.0; Lat 17.65 N; Lon 121.23 E; Dep 37.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.70, Plg=2, Azm=197; (N) Val=-1.50, Plg=68, Azm=292; (P) Val=-6.20, Plg=22, Azm=106; Best double couple: Mo=6.9*10**16 Nm; NPl: Strike=244, Dip=73, Slip=-166; NP2: Strike=150, Dip=76, Slip=-17.
22	03	48	24.8?	10.43	N	84.42	W	86	*	4.0	1.4	13	COSTA RICA
22	04	30	56.2?	9.09	S	122.88	E	33	N	3.0	1.4	6	SAVU SEA
22	04	33	33.4*	10.938	S	164.111	E	33	N	3.9	1.3	16	SANTA CRUZ ISLANDS REGION
22	04	42	06.4	10.742	S	164.061	E	33	N	4.9 5.4	0.9	61	SANTA CRUZ ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:42:03.9; Lat 10.73 S; Lon 164.46 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.04, Plg=16, Azm=163; (N) Val=0.24, Plg=72, Azm=9; (P) Val=-2.27, Plg=7, Azm=255; Best double couple: Mo=2.2*10**17 Nm; NPl: Strike=300, Dip=73, Slip=6; NP2: Strike=208, Dip=84, Slip=163.
22	04	43	21.6	30.048	N	92.074	E	33	N	4.5	0.6	29	XIZANG
22	04	53	30.5?	27.86	S	176.71	W	400	G	3.4	0.3	7	KERMADEC ISLANDS REGION
22	06	09	18.8*	22.116	S	174.978	W	33	N	4.6	0.9	28	TONGA ISLANDS REGION
22	06	22	10.0*	27.783	N	128.876	E	33	N	4.7	1.2	43	RYUKYU ISLANDS
22	06	27	18.0*	17.011	N	121.030	E	33	N	3.7	1.2	8	LUZON, PHILIPPINE ISLANDS
22	08	21	11.5%	33.751	S	70.425	W	13			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
22	08	51	45.8	44.456	N	147.844	E	33	N	4.6	1.1	62	KURIL ISLANDS
22	09	06	44.6	4.230	S	123.313	E	16	D	4.9	1.2	33	BANDA SEA
22	09	43	54.9*	30.103	N	92.087	E	33	N	3.9	0.6	13	XIZANG
22	09	58	54.0*	22.062	S	126.927	E	10	G		1.1	8	WESTERN AUSTRALIA
22	10	12	57.4*	35.395	N	27.329	E	102	?	3.6	1.0	13	DODECANESE ISLANDS
22	10	39	44.1*	50.948	N	156.174	E	205	?	3.6	0.9	11	KURIL ISLANDS
22	10	44	30.2%	41.680	N	71.062	W	5	G			8	SOUTHERN NEW ENGLAND. <WES-P>. MD 2.6 (WES). mbLg 2.5 (GS). Felt at Westport, Massachusetts.
22	11	27	55.9	29.797	N	129.051	E	197	D	5.2	1.0	215	RYUKYU ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:27:59.0; Lat 29.67 N; Lon 128.93 E; Dep 205.7; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.78, Plg=35, Azm=249; (N) Val=0.30, Plg=31, Azm=3; (P) Val=-3.08, Plg=40, Azm=123; Best double couple: Mo=2.9*10**17 Nm; NPl: Strike=280, Dip=31, Slip=-174; NP2: Strike=185, Dip=87, Slip=-59.
22	11	35	36.6?	31.67	S	69.23	W	201	?		0.8	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
22	13	00	57.2?	11.58	N	71.20	W	82	D	3.8	1.7	8	NEAR COAST OF VENEZUELA
22	14	29	36.6%	64.700	N	152.360	W	33		3.8		94	CENTRAL ALASKA. <AEIC>. ML 4.4 (PMR), 4.2 (AEIC).
22	14	42	32.3	39.165	N	47.369	E	29	D	5.0	1.1	93	ARMENIA-AZERBAIJAN-IRAN BORD REG
22	16	26	57.7?	10.23	S	162.94	E	130	?	3.8	1.1	12	SOLOMON ISLANDS
22	16	27	30.7*	7.615	S	129.590	E	33	N	4.1	0.7	7	BANDA SEA
22	16	50	28.5*	39.498	N	73.860	E	66	?	3.7	0.9	15	TAJIKISTAN-XINJIANG BORDER REG.
22	17	33	54.4*	13.852	N	120.009	E	33	N	4.5	0.9	11	MINDORO, PHILIPPINE ISLANDS
22	17	52	52.5	2.185	S	12.557	W	22	D	4.5	0.8	26	NORTH OF ASCENSION ISLAND
22	18	23	02.2?	7.41	S	155.14	E	33	N	3.9	0.9	8	SOLOMON ISLANDS
22	19	30	44.2	5.341	S	152.970	E	33	N	4.6	1.1	48	NEW BRITAIN REGION, P.N.G.
22	20	24	40.1?	44.14	N	86.93	E	33	N	4.0	1.5	8	NORTHERN XINJIANG, CHINA
22	20	44	53.1%	36.617	N	139.459	E	5	G		0.4	5	EASTERN HONSHU, JAPAN
22	22	17	03.6?	19.92	S	119.98	E	33	N	3.8	1.4	7	PHILIPPINE ISLANDS REGION
22	22	52	24.9	5.902	S	105.835	E	134	D	4.6	0.9	35	SUNDA STRAIT
22	23	51	33.7	22.275	N	143.604	E	164	D	4.0	0.9	27	VOLCANO ISLANDS REGION
23	00	52	33.8	38.990	N	15.370	E	285		3.5	0.8	39	SICILY
23	03	40	23.2?	34.13	S	70.44	W	100	G		0.2	8	CHILE-ARGENTINA BORDER REGION
23	03	46	26.0%	33.247	S	70.361	W	95	?		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
23	04	08	01.0	39.215	N	141.462	E	73	D	5.3	0.9	217	EASTERN HONSHU, JAPAN. Mw 5.3 (HRV). Felt (III JMA) in parts

of Iwate and Miyagi Prefectures.
Centroid, Moment Tensor (HRV): Centroid origin time
04:08:03.7; Lat 39.20 N; Lon 141.39 E; Dep 85.2; Half-
duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
Val=-1.18, Plg=46, Azm=144; (N) Val=-0.10, Plg=31, Azm=15;
(P) Val=-1.08, Plg=27, Azm=266; Best double couple:
Mo=1.1*10**17 Nm; NPl: Strike=308, Dip=33, Slip=20; NP2:
Strike=201, Dip=79, Slip=122.

23 04 32 00.9 36.932 N 2.310 E 33 N 3.5 1.1 30
23 04 49 38.8 28.666 S 69.283 W 111 D 4.7 0.9 65
NORTHERN ALGERIA. mbLg 3.0 (MDD). Felt in the Algiers area.
CHILE-ARGENTINA BORDER REGION. Felt (IV) at Alto del Carmen;
(III) at Copiapo and (II) at Vallenar, Chile.

23 05 14 39.7? 15.67 S 173.26 W 33 N 4.2 1.1 21
23 05 35 49.8 4.951 N 62.102 E 10 G 4.7 0.7 21
CARLSBERG RIDGE
23 06 39 43.0* 20.156 N 121.345 E 33 N 3.7 0.9 10
PHILIPPINE ISLANDS REGION
23 06 44 30.7* 20.229 N 121.050 E 33 N 4.0 1.2 17
PHILIPPINE ISLANDS REGION
23 06 53 35.3 17.280 N 101.363 W 33 N 5.3 4.9 1.0 175
NEAR COAST OF GUERRERO, MEXICO. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time
06:53:38.3; Lat 17.13 N; Lon 101.84 W; Dep 36.8; Half-
duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
Val=2.33, Plg=42, Azm=87; (N) Val=0.18, Plg=48, Azm=259;
(P) Val=-2.51, Plg=4, Azm=353; Best double couple:
Mo=2.4*10**17 Nm; NPl: Strike=121, Dip=59, Slip=150; NP2:
Strike=228, Dip=65, Slip=35.

23 07 28 51.4* 52.584 N 30.287 W 10 G 3.9 1.2 22
23 07 55 50.2? 31.36 S 68.93 W 210 G 0.3 10
NORTHERN MID-ATLANTIC RIDGE
23 08 19 28.5& 61.295 N 146.970 W 14 108
SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.7 (PMR). Felt
(III) at Valdez and (II) at Palmer.

23 08 44 17.5? 3.61 S 129.98 E 33 N 4.1 0.3 9
23 08 56 38.8? 36.28 N 140.93 E 33 N 0.4 5
SERAM, INDONESIA
23 09 56 38.6? 15.77 S 172.85 E 35 D 4.3 1.0 15
NEAR EAST COAST OF HONSHU, JAPAN
23 10 27 53.9? 35.91 N 140.92 E 27 * 0.6 6
SAMOA ISLANDS REGION
23 10 30 38.3* 8.415 S 128.171 E 33 N 4.0 1.0 8
NEAR EAST COAST OF HONSHU, JAPAN
23 10 46 34.4 1.947 N 126.785 E 58 ? 4.6 1.1 34
TIMOR SEA
23 11 08 03.4 36.331 N 70.968 E 114 D 4.6 0.7 39
NORTHERN MOLUCCA SEA
23 11 09 00.6 12.563 N 72.862 W 33 N 4.4 1.0 45
HINDU KUSH REGION, AFGHANISTAN
23 11 30 33.6* 30.590 N 138.729 E 404 3.4 0.4 13
NEAR NORTH COAST OF COLOMBIA
23 11 56 52.6* 36.620 N 139.460 E 10 G 0.8 5
SOUTH OF HONSHU, JAPAN
23 12 31 05.8? 16.89 N 146.55 E 83 ? 3.6 0.9 9
EASTERN HONSHU, JAPAN
23 12 36 17.9% 36.658 N 2.977 W 10 G 0.7 11
MARIANA ISLANDS
23 12 39 56.2? 10.78 S 164.33 E 33 N 4.0 1.1 9
STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
23 14 16 15.3& 35.766 N 117.651 W 9 12
SANTA CRUZ ISLANDS REGION
23 14 28 34.9 20.093 N 120.379 E 33 N 4.4 0.9 35
CENTRAL CALIFORNIA. <PAS-P>. MD 2.8 (PAS).
23 14 51 52.1 19.036 N 104.915 W 33 N 4.4 1.0 50
PHILIPPINE ISLANDS REGION
23 14 56 52.2* 18.824 N 104.902 W 33 N 4.0 0.9 18
NEAR COAST OF JALISCO, MEXICO
23 15 16 12.6 49.163 N 127.794 W 10 G 3.7 1.2 36
NEAR COAST OF JALISCO, MEXICO
23 15 25 28.1* 51.225 N 15.767 E 10 G 1.2 6
VANCOUVER ISLAND REGION
23 15 27 00.8? 17.56 S 178.55 W 500 G 3.7 0.9 12
POLAND. ML 2.3 (MOX).
23 16 26 54.9* 16.027 S 74.016 W 50 D 4.2 1.1 29
FIJI ISLANDS REGION
23 17 21 42.9? 38.47 N 20.12 E 10 G 3.7 0.8 9
NEAR COAST OF PERU
23 17 38 51.1? 32.32 S 69.90 W 130 G 0.2 10
GREECE
23 18 21 39.6 29.128 N 67.618 E 33 N 3.6 0.9 13
MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
23 18 58 35.1* 49.955 N 150.110 E 356 ? 3.9 1.0 24
PAKISTAN
23 19 06 33.3 18.969 N 145.571 E 234 4.2 0.7 41
NORTHWEST OF KURIL ISLANDS
23 19 30 53.5? 34.88 S 71.10 W 90 G 0.2 10
MARIANA ISLANDS
23 19 38 16.0* 29.154 N 130.164 E 191 ? 3.3 1.0 9
NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
23 20 03 25.0 51.485 N 178.360 W 29 D 5.1 4.9 0.9 188
RYUKYU ISLANDS
ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.5 (HRV). Felt on Adak.
Centroid, Moment Tensor (HRV): Centroid origin time
20:03:29.2; Lat 51.43 N; Lon 178.17 W; Dep 33.9; Half-
duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
Val=2.10, Plg=61, Azm=301; (N) Val=-0.03, Plg=15, Azm=58;
(P) Val=-2.07, Plg=25, Azm=155; Best double couple:
Mo=2.1*10**17 Nm; NPl: Strike=274, Dip=24, Slip=128; NP2:
Strike=53, Dip=72, Slip=75.

23 20 42 14.1& 61.060 N 152.210 W 114 59
SOUTHERN ALASKA. <AEIC>.
23 22 21 14.8* 5.024 S 145.138 E 64 ? 4.2 0.9 12
EASTERN NEW GUINEA REG., P.N.G.
23 22 24 58.9* 27.756 S 64.670 E 10 G 4.2 0.9 11
SOUTHWEST INDIAN RIDGE
23 22 33 12.2? 6.74 S 127.60 E 315 ? 4.3 1.2 14
BANDA SEA
23 23 43 05.7* 5.550 S 153.186 E 22 D 3.8 0.8 11
NEW IRELAND REGION, P.N.G.
24 00 03 42.9 5.857 S 148.850 E 88 D 4.6 0.9 36
NEW BRITAIN REGION, P.N.G.
24 00 27 55.0? 36.90 N 141.15 E 81 ? 3.8 1.0 8
NEAR EAST COAST OF HONSHU, JAPAN
24 00 37 45.9 44.744 N 114.157 W 5 G 0.5 16
NEAR COAST OF HONSHU, JAPAN
24 01 20 52.2* 24.110 N 121.724 E 10 G 4.2 1.3 15
WESTERN IDAHO. ML 3.6 (BUT), 3.4 (GS).
24 01 29 42.7* 41.947 N 139.288 E 43 * 4.0 0.9 21
TAIWAN
24 03 51 14.4* 37.312 N 67.122 E 33 N 3.8 0.3 7
HOKKAIDO, JAPAN REGION
24 04 26 05.4% 36.868 N 5.353 W 10 G 0.6 9
AFGHANISTAN-TAJIKISTAN BORD REG.
24 04 58 06.6? 6.48 S 130.70 E 33 N 4.6 1.4 11
STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
24 05 47 18.9% 34.080 S 70.112 W 10 G 0.6 10
BANDA SEA
24 06 40 18.9 15.031 N 94.338 W 33 N 3.7 1.1 14
CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
24 07 12 26.8 0.238 N 126.302 E 33 N 4.7 0.8 22
NEAR COAST OF OAXACA, MEXICO
24 08 09 15.3 52.150 N 115.262 W 10 G 2.9 1.3 13
NORTHERN MOLUCCA SEA
24 08 13 49.7% 37.056 N 4.243 W 10 G 1.0 5
ALBERTA, CANADA
24 08 14 43.2 44.110 N 148.781 E 46 D 3.9 0.9 16
SPAIN. mbLg 2.4 (MDD).
24 09 16 05.7* 4.998 S 145.744 E 148 * 4.2 1.2 20
KURIL ISLANDS
24 09 36 27.2 17.866 S 178.674 W 542 D 5.1 0.8 190
NEAR N COAST OF NEW GUINEA, PNG.
FIJI ISLANDS REGION. Mw 5.3 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time
09:36:32.9; Lat 17.72 S; Lon 178.49 W; Dep 573.1; Half-
duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
Val=1.15, Plg=71, Azm=54; (N) Val=-0.03, Plg=12, Azm=181;
(P) Val=-1.12, Plg=15, Azm=274; Best double couple:
Mo=1.1*10**17 Nm; NPl: Strike=21, Dip=32, Slip=112; NP2:
Strike=175, Dip=61, Slip=77.

24 09 36 57.0 47.563 N 7.657 E 10 G 0.9 12
24 09 39 22.4& 62.750 N 151.120 W 90 2.9 100
SWITZERLAND. ML 3.4 (GRF), 3.0 (VIE).
CENTRAL ALASKA. <AEIC>.

24	10	54	38.9%	33.154	N	134.659	E	10	G	0.3	6	SHIKOKU, JAPAN
24	11	24	06.3	46.543	N	152.865	E	28	D	4.0	0.8	21 KURIL ISLANDS
24	12	31	39.8*	22.611	S	66.157	W	252	*	3.6	0.6	12 JUJUY PROVINCE, ARGENTINA
24	13	03	50.0	51.317	N	178.519	E	33	N	4.5	1.1	73 RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
24	13	35	41.9*	7.310	N	95.408	E	89	?	3.9	1.1	14 NICOBAR ISLANDS, INDIA
24	15	49	16.8*	17.701	S	168.315	E	114	?	5.0	1.0	34 VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:49:16.1; Lat 17.75 S; Lon 168.31 E; Dep 106.8; Half- duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.17, Plg=28, Azm=152; (N) Val=-0.38, Plg=62, Azm=343; (P) Val=-0.80, Plg=4, Azm=245; Best double couple: Mo=9.8*10**16 Nm; NP1: Strike=292, Dip=68, Slip=17; NP2: Strike=195, Dip=74, Slip=157.
24	16	27	35.2	39.808	N	141.891	E	65	*	3.8	0.8	20 EASTERN HONSHU, JAPAN
24	16	29	25.3%	36.601	N	2.856	W	10	G		0.9	20 STRAIT OF GIBALTAR. mbLg 4.0 (MDD). Felt (IV) in the Adra area, Spain.
24	16	46	17.9*	35.412	N	135.411	E	354	*	3.8	0.6	17 WESTERN HONSHU, JAPAN
24	16	57	39.2*	28.237	N	130.255	E	33	N	3.9	1.1	17 RYUKYU ISLANDS
24	17	06	36.3	8.128	S	74.362	W	151	D	5.6	0.9	282 PERU-BRAZIL BORDER REGION. Mw 5.6 (GS), 5.6 (HRV). Felt (IV) at Pucallpa and (III) at Contamana, Peru. Moment Tensor (GS): Dep 152; Principal axes (scale 10**17 Nm): (T) Val=-2.90, Plg=3, Azm=102; (N) Val=-0.46, Plg=27, Azm=10; (P) Val=-2.44, Plg=62, Azm=199; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=218, Dip=48, Slip=-52; NP2: Strike=348, Dip=54, Slip=-125. Centroid, Moment Tensor (HRV): Centroid origin time 17:06:41.7; Lat 7.89 S; Lon 74.03 W; Dep 160.6; Half- duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=-3.33, Plg=2, Azm=99; (N) Val=-0.47, Plg=39, Azm=7; (P) Val=-2.87, Plg=51, Azm=192; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=222, Dip=55, Slip=-39; NP2: Strike=338, Dip=59, Slip=-138.
24	18	10	45.8%	36.608	N	2.863	W	10	G		1.2	20 STRAIT OF GIBALTAR. mbLg 3.7 (MDD). Felt (III) in the Adra area, Spain.
24	18	56	22.6	18.884	N	70.316	W	83	D	5.2	0.9	192 DOMINICAN REPUBLIC REGION. Mw 5.1 (HRV). Felt (V) at Cotui and Fantino; (IV) at Bonao, La Vega, Nagua, Santiago and Santo Domingo. Centroid, Moment Tensor (HRV): Centroid origin time 18:56:24.1; Lat 18.77 N; Lon 70.01 W; Dep 60.5; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.82, Plg=79, Azm=127; (N) Val=-0.64, Plg=10, Azm=287; (P) Val=-5.18, Plg=4, Azm=17; Best double couple: Mo=5.5*10**16 Nm; NP1: Strike=118, Dip=42, Slip=106; NP2: Strike=278, Dip=50, Slip=76.
24	19	36	08.9	35.181	N	4.147	W	10	G	3.7	1.3	39 STRAIT OF GIBALTAR. mbLg 3.4 (MDD).
24	20	14	06.0*	18.704	N	70.455	W	94	*	3.8	0.7	16 DOMINICAN REPUBLIC REGION
24	21	28	58.7%	44.499	N	7.358	E	10	G		0.1	5 NORTHERN ITALY. ML 1.7 (GEN).
24	21	33	55.5%	33.571	S	70.318	W	91	?		0.2	10 CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).
24	22	15	02.4?	36.85	N	5.28	W	5	G		1.1	4 STRAIT OF GIBALTAR
24	22	16	35.3%	63.180	N	149.916	W	97				52 CENTRAL ALASKA. <AEIC>.
24	23	13	53.9?	32.67	S	71.51	W	50	G		0.9	10 NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
25	00	46	57.4	49.165	N	150.619	E	337	?	4.0	0.9	34 NORTHWEST OF KURIL ISLANDS
25	01	57	19.8*	42.895	N	145.506	E	47	*	4.2	1.2	38 HOKKAIDO, JAPAN REGION
25	02	01	47.6*	7.459	S	156.225	E	33	N	4.1	1.1	17 SOLOMON ISLANDS
25	02	39	01.2*	44.804	N	141.153	E	240	*	3.5	0.8	19 HOKKAIDO, JAPAN REGION
25	02	47	20.3*	80.407	N	2.363	W	10	G	3.8	0.9	15 NORTH OF SVALBARD
25	02	56	59.7%	37.671	N	1.111	W	10	G		0.7	9 SPAIN. mbLg 2.5 (MDD).
25	04	51	16.1	30.074	S	71.213	W	61	D	5.4	1.0	116 NEAR COAST OF CENTRAL CHILE. Mw 5.2 (HRV). Felt (V) at Coquimbo, Hurtado, La Serena and Ovalle; (IV) at Combarbala, Illapel, Monte Patria, Punitaqui and Salamanca; (III) at Los Vilos; (II) at Canela, Copiapo and Vallenar. Centroid, Moment Tensor (HRV): Centroid origin time 04:51:22.7; Lat 30.24 S; Lon 71.52 W; Dep 72.6; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=-6.76, Plg=3, Azm=272; (N) Val=-1.91, Plg=5, Azm=182; (P) Val=-8.68, Plg=84, Azm=34; Best double couple: Mo=7.7*10**16 Nm; NP1: Strike=7, Dip=42, Slip=-82; NP2: Strike=177, Dip=48, Slip=-97.
25	04	52	00.9*	51.846	N	179.832	E	70	*	3.9	1.1	17 RAT ISLANDS, ALEUTIAN ISLANDS
25	05	44	22.4?	47.26	N	11.26	E	10	G		0.2	4 AUSTRIA. ML 0.9 (VIE).
25	05	50	08.7	22.073	S	179.056	E	639	D	5.1	0.8	133 SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:50:13.1; Lat 22.03 S; Lon 179.17 E; Dep 629.0; Half- duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.74, Plg=28, Azm=28; (N) Val=0.99, Plg=49, Azm=155; (P) Val=-2.73, Plg=28, Azm=282; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=65, Dip=49, Slip=-180; NP2: Strike=335, Dip=90, Slip=-41.
25	06	43	15.9*	6.727	S	130.388	E	33	N	4.5	1.1	16 BANDA SEA
25	07	04	44.7%	60.366	N	152.087	W	80	G	2.5		81 SOUTHERN ALASKA. <AEIC>.
25	07	37	23.3%	60.096	N	151.425	W	57		2.6		83 KENAI PENINSULA, ALASKA. <AEIC>.
25	07	48	17.2?	51.51	N	6.39	E	10	G		0.7	14 GERMANY
25	07	56	16.9*	13.992	N	144.572	E	167		4.3	0.8	21 MARIANA ISLANDS
25	08	45	00.5*	29.227	N	139.257	E	442		3.7	0.9	21 SOUTH OF HONSHU, JAPAN
25	08	57	11.6*	0.841	S	136.047	E	33	N	4.5	1.1	20 IRIAN JAYA REGION, INDONESIA
25	10	20	46.7%	43.999	N	7.592	E	5	G		0.4	7 NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN).
25	10	26	15.1?	10.33	N	61.54	W	33	N		0.2	4 TRINIDAD. MD 3.1 (TRN).
25	12	10	38.4*	41.432	S	80.359	E	10	G	4.6	1.2	14 MID-INDIAN RIDGE
25	15	41	26.1?	32.39	S	69.88	W	150	G		0.3	10 MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
25	17	14	44.5%	42.698	N	7.667	W	10	G		0.5	7 SPAIN. mbLg 3.6 (MDD). Felt (III) in the Taboada area.
25	17	42	00.0*	32.199	S	71.596	W	13			0.6	12 NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (III) at Cabildo and Papudo; (II) at La Ligua, Petorca, Quintero, Ventanas and Zapallar.

25	17	45	26.9*	27.755	S	177.022	W	33	N	4.4	1.1	21	KERMADEC ISLANDS REGION. Felt (I) on Raoul Island.
25	18	13	00.8	36.197	N	12.877	E	33	N	4.1	1.3	55	CENTRAL MEDITERRANEAN SEA
25	18	26	18.3*	47.397	N	11.727	E	10	G		0.6	5	AUSTRIA. ML 1.9 (VIE).
25	19	08	09.6	4.719	N	126.553	E	105	*	4.7	0.9	37	TALAUD ISLANDS, INDONESIA
25	19	32	40.1*	33.142	S	70.257	W	10	G		0.3	7	CHILE-ARGENTINA BORDER REGION
25	19	37	34.2	24.822	N	95.197	E	118	*	4.6	0.8	60	MYANMAR
25	20	29	38.4*	39.950	N	42.349	E	33	N	3.4	1.2	13	TURKEY
25	20	56	29.1*	47.443	N	115.816	W	1	G		0.3	11	MONTANA. MD 3.0 (BUT). Rockburst at the Lucky Friday Mine near Mullan, Idaho. Felt at Mullan, Idaho.
25	21	21	19.7?	33.65	S	70.78	W	80	G		0.1	5	CHILE-ARGENTINA BORDER REGION
25	21	41	23.8	51.991	N	175.904	W	45	D	4.3	1.2	34	ANDREANOF ISLANDS, ALEUTIAN IS.
25	21	44	02.3*	36.418	N	71.502	E	136	?	4.0	0.8	18	AFGHANISTAN-TAJIKISTAN BORD REG.
25	22	01	45.9	6.182	S	153.471	E	68	*	4.3	0.8	27	NEW BRITAIN REGION, P.N.G.
25	23	05	09.0	9.706	S	80.189	W	36	D	5.2 4.5	0.8	73	OFF COAST OF NORTHERN PERU. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:05:10.5; Lat 9.80 S; Lon 80.47 W; Dep 36.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.20, Plg=3, Azm=53; (N) Val=-0.20, Plg=5, Azm=322; (P) Val=-1.01, Plg=84, Azm=173; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=148, Dip=42, Slip=-83; NP2: Strike=318, Dip=48, Slip=-96.
26	00	14	58.0	9.685	S	80.082	W	34	D	5.0 4.4	0.9	66	OFF COAST OF NORTHERN PERU
26	00	18	17.9*	36.597	N	5.832	W	10	G		0.7	8	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
26	00	28	45.5*	36.621	N	5.808	W	10	G		0.3	7	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
26	00	32	38.0*	34.081	S	70.315	W	10	G		0.3	6	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
26	00	44	35.0*	4.829	S	153.732	E	33	N	4.4	1.1	19	NEW IRELAND REGION, P.N.G.
26	01	24	11.9	20.949	S	178.735	W	549	D	4.4	0.8	46	FIJI ISLANDS REGION
26	01	42	05.3*	38.096	N	142.249	E	54	?	3.9	0.9	17	NEAR EAST COAST OF HONSHU, JAPAN
26	02	53	58.1*	24.857	N	122.289	E	33	N	4.1	1.1	13	TAIWAN REGION
26	03	34	12.7?	23.08	S	168.28	E	33	N	4.2	1.1	8	NEW CALEDONIA
26	04	39	38.8*	45.716	N	26.858	E	10	G		1.5	7	ROMANIA
26	05	08	45.9	24.018	N	125.378	E	33	N	4.8 4.5	1.0	78	SOUTHWESTERN RYUKYU ISLANDS
26	05	52	48.7*	22.077	S	67.021	W	195	?	3.4	1.4	7	CHILE-BOLIVIA BORDER REGION
26	06	44	55.7*	31.285	N	138.252	E	361		3.6	0.7	20	SOUTH OF HONSHU, JAPAN
26	06	54	55.8?	3.42	S	77.36	W	33	N	3.8	0.9	7	PERU-ECUADOR BORDER REGION
26	07	01	27.5	36.366	N	28.042	E	75		5.2	1.0	242	DODECANESE ISLANDS. Mw 5.5 (HRV). Felt on Crete. Centroid, Moment Tensor (HRV): Centroid origin time 07:01:33.7; Lat 36.37 N Fix; Lon 28.04 E Fix; Dep 127.7; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.52, Plg=40, Azm=348; (N) Val=0.40, Plg=30, Azm=106; (P) Val=-1.92, Plg=36, Azm=221; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=12, Dip=30, Slip=176; NP2: Strike=105, Dip=88, Slip=60.
26	08	18	18.7*	6.474	S	146.850	E	28	*	4.2	0.7	17	EASTERN NEW GUINEA REG., P.N.G.
26	08	20	21.3	51.777	N	177.870	E	82	*	3.7	0.9	15	RAT ISLANDS, ALEUTIAN ISLANDS
26	08	23	25.7*	33.406	S	70.159	W	110	?		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
26	08	31	51.7*	24.462	N	124.093	E	56	D	4.0	1.0	15	SOUTHWESTERN RYUKYU ISLANDS
26	10	04	52.4	13.670	N	145.066	E	125		4.5	1.1	48	MARIANA ISLANDS. Felt (IV) at Dededo and Yigo, Guam.
26	11	15	59.4*	33.988	S	70.135	W	10	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
26	12	06	39.5	52.816	N	168.364	W	33	N	4.9 4.8	1.3	133	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.5 (HRV). ML 5.4 (PMR). Felt (IV) at Nikolski. Centroid, Moment Tensor (HRV): Centroid origin time 12:06:41.1; Lat 52.60 N; Lon 167.92 W; Dep 31.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.65, Plg=70, Azm=6; (N) Val=0.06, Plg=6, Azm=260; (P) Val=-1.71, Plg=19, Azm=168; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=249, Dip=26, Slip=77; NP2: Strike=83, Dip=64, Slip=96.
26	12	19	33.3	17.161	N	73.556	E	23	D	4.2	1.0	24	SOUTHERN INDIA
26	12	32	45.3*	48.178	N	155.112	E	33	N	3.5	0.9	10	KURIL ISLANDS
26	12	55	06.2	9.321	S	114.085	E	33	N	4.5	1.1	25	SOUTH OF BALI, INDONESIA
26	13	16	30.0	37.310	S	71.529	W	103	D	4.5	0.9	35	S. CHILE-ARGENTINA BORDER REGION. Felt (III) at Angol, Concepcion, Los Angeles and Renaico, Chile.
26	14	07	15.0	46.473	N	153.083	E	33	N	4.4	0.9	64	KURIL ISLANDS
26	14	17	36.0	6.200	S	153.631	E	86	D	4.1	1.2	27	NEW BRITAIN REGION, P.N.G.
26	14	57	27.8*	6.040	S	153.679	E	60	D	4.2	1.0	18	NEW BRITAIN REGION, P.N.G.
26	15	02	59.3?	27.57	N	55.94	E	33	N	3.9	1.1	16	SOUTHERN IRAN
26	15	17	13.1?	6.09	S	153.57	E	33	N	3.5	0.8	6	NEW BRITAIN REGION, P.N.G.
26	15	50	29.6*	4.478	S	153.474	E	33	N	4.3	1.1	13	NEW IRELAND REGION, P.N.G.
26	16	14	14.7*	39.499	N	73.011	E	52	?	4.1	1.4	25	TAJIKISTAN-XINJIANG BORDER REG.
26	16	30	58.4	27.825	N	87.821	E	33	N	5.0	0.9	89	NEPAL
26	17	03	47.7	44.886	N	150.162	E	50	D	5.0 4.6	0.9	132	EAST OF KURIL ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:03:52.1; Lat 44.89 N Fix; Lon 150.16 E Fix; Dep 61.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=-8.03, Plg=27, Azm=60; (N) Val=-0.31, Plg=63, Azm=229; (P) Val=-7.72, Plg=5, Azm=328; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=101, Dip=68, Slip=163; NP2: Strike=197, Dip=75, Slip=23.
26	18	15	54.7*	4.579	S	153.512	E	57	?	3.8	0.5	13	NEW IRELAND REGION, P.N.G.
26	18	28	59.3	20.864	S	178.785	W	541		4.7	1.0	115	FIJI ISLANDS REGION
26	19	14	52.9*	33.736	N	115.922	W	8				29	SOUTHERN CALIFORNIA. <PAS>. MD 3.3 (PAS). ML 3.4 (GS).
26	19	39	19.4*	2.761	N	128.777	E	200	G	4.0	0.8	12	HALMAHERA, INDONESIA
26	21	01	58.4*	61.690	N	151.019	W	67				94	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.5 (PMR).
26	21	08	32.6?	32.55	S	71.95	W	10	G		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
26	22	09	17.2	44.693	N	149.327	E	33	N	4.3	1.0	44	KURIL ISLANDS
26	23	45	42.7	16.732	N	111.538	W	10	G	4.3 4.0	1.2	38	OFF COAST OF MEXICO
27	00	02	56.7?	17.09	N	62.00	W	5	G		0.4	4	LEEWARD ISLANDS. MD 2.8 (TRN).
27	00	16	20.5	54.111	N	162.346	E	33	N	5.0 4.4	0.8	91	NEAR EAST COAST OF KAMCHATKA
27	00	20	15.9?	30.43	N	137.50	E	467	?	3.7	0.9	15	SOUTH OF HONSHU, JAPAN
27	00	33	51.4*	40.768	N	78.227	E	33	N	3.9	1.3	18	SOUTHERN XINJIANG, CHINA
27	00	38	29.6	39.704	N	16.646	E	33	N	4.6	1.3	68	SOUTHERN ITALY
27	01	01	50.3	40.013	N	77.015	E	33	N	4.3	0.8	34	KYRGYZSTAN-XINJIANG BORDER REG.

27	02	25	34.1	45.738 N	14.299 E	10 G	0.7	9	NORTHWESTERN BALKAN REGION. ML 2.9 (VIE), 2.9 (LJU). Felt (IV) in the Jelsane area, Slovenia.	
27	02	38	23.2*	36.135 N	137.074 E	285 3.3	1.1	13	EASTERN HONSHU, JAPAN	
27	02	45	39.7%	33.152 N	130.430 E	10 G	0.6	5	KYUSHU, JAPAN	
27	03	01	03.9	52.258 N	30.301 W	10 G	4.6 4.5	1.1	84	NORTHERN MID-ATLANTIC RIDGE
27	03	05	00.0	8.946 S	123.729 E	79 * 4.8	1.3	49	FLORES REGION, INDONESIA	
27	04	23	26.1*	6.595 S	147.210 E	33 N 4.2	1.1	17	EASTERN NEW GUINEA REG., P.N.G.	
27	04	45	13.3*	37.813 N	72.778 E	160 * 3.9	1.0	24	TAJIKISTAN	
27	05	17	35.6%	65.007 N	150.183 W	21		29	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).	
27	05	24	54.1*	1.182 N	122.122 E	33 N 4.1	1.2	10	MINAHASSA PENINSULA, SULAWESI	
27	06	17	28.3	6.604 S	131.196 E	87 * 4.2	1.0	17	TANIMBAR ISLANDS REG., INDONESIA	
27	06	59	58.8	47.234 N	10.126 E	10 G	0.9	16	AUSTRIA. ML 3.6 (VIE), 3.5 (GRF).	
27	07	27	26.8*	5.695 S	68.557 E	10 G 4.4	1.3	47	CHAGOS ARCHIPELAGO REGION	
27	08	40	41.8	2.368 N	79.341 W	10 G 4.8 5.9	1.3	138	SOUTH OF PANAMA. Mw 6.2 (GS), 6.1 (HRV). Moment Tensor (GS): Dep 21; Principal axes (scale 10**18 Nm): (T) Val=1.94, Plg=64, Azm=191; (N) Val=-0.02, Plg=20, Azm=53; (P) Val=-1.93, Plg=16, Azm=317; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=20, Dip=34, Slip=52; NP2: Strike=244, Dip=64, Slip=112. Centroid, Moment Tensor (HRV): Centroid origin time 08:40:49.2; Lat 2.47 N; Lon 79.42 W; Dep 15.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=1.52, Plg=59, Azm=106; (N) Val=0.08, Plg=5, Azm=204; (P) Val=-1.60, Plg=31, Azm=298; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=44, Dip=15, Slip=110; NP2: Strike=203, Dip=76, Slip=85.	
27	09	52	19.7*	22.354 N	102.221 E	33 N 3.7	1.5	11	YUNNAN, CHINA	
27	10	40	55.6	51.628 N	16.220 E	10 G	1.5	11	POLAND. MG 2.7 (WAR).	
27	11	47	01.6?	11.62 N	86.62 W	120 ? 3.7	0.8	8	NEAR COAST OF NICARAGUA	
27	13	18	16.3*	42.842 S	85.704 W	10 G 4.8	1.1	44	WEST CHILE RISE	
27	14	17	54.9?	43.41 N	146.28 E	75 ? 3.3	0.5	7	KURIL ISLANDS	
27	14	37	41.9	3.732 S	153.044 E	72 ? 4.5	1.1	29	NEW IRELAND REGION, P.N.G.	
27	15	19	13.4%	33.733 S	71.033 W	56 ?	0.6	8	NEAR COAST OF CENTRAL CHILE	
27	15	49	01.1	18.385 S	177.921 W	538 * 4.5	1.1	63	FIJI ISLANDS REGION	
27	16	06	25.2%	35.887 N	3.066 W	10 G	0.6	5	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).	
27	16	44	10.6*	47.812 N	145.664 E	456 ? 3.5	0.7	16	SEA OF OKHOTSK	
27	17	32	48.5*	4.005 S	153.212 E	140 ? 4.0	1.3	19	NEW IRELAND REGION, P.N.G.	
27	18	08	04.0*	42.314 N	143.094 E	61 ? 3.6	1.0	16	HOKKAIDO, JAPAN REGION	
27	18	55	45.2	6.530 S	154.847 E	50 D 4.4	1.0	32	SOLOMON ISLANDS	
27	21	43	59.9*	53.030 N	165.735 W	33 N 4.2	1.3	32	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).	
27	22	37	09.8%	36.894 N	121.624 W	6		10	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).	
27	23	13	51.0*	1.385 N	126.404 E	45 * 4.1	1.2	11	NORTHERN MOLUCCA SEA	
28	01	20	49.4%	40.336 N	127.613 W	5 3.9		125	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.7 (GM). ML 4.2 (GS).	
28	03	46	15.9?	17.29 N	61.83 W	70 G	0.2	4	LEEWARD ISLANDS. MD 2.7 (TRN).	
28	04	56	31.2?	5.91 N	126.44 E	109 ? 4.3	0.8	13	MINDANAO, PHILIPPINE ISLANDS	
28	04	59	54.7	39.574 N	74.159 E	64 * 4.5	0.8	44	SOUTHERN XINJIANG, CHINA	
28	05	46	50.1*	39.635 N	73.865 E	49 ? 3.7	0.9	12	TAJIKISTAN-XINJIANG BORDER REG.	
28	07	37	37.1	35.695 N	27.130 E	100 * 4.2	1.5	70	DODECANESE ISLANDS	
28	07	50	33.0?	40.94 N	143.72 E	49 ? 4.0	1.0	10	OFF EAST COAST OF HONSHU, JAPAN	
28	08	17	32.1*	25.187 N	94.924 E	96 ? 4.0	0.8	20	MYANMAR-INDIA BORDER REGION	
28	08	18	42.0	52.830 N	164.684 W	33 N 5.1	1.1	150	SOUTH OF ALASKA. ML 5.0 (PMR).	
28	10	25	05.4*	35.116 N	24.463 E	86 ? 3.3	1.2	18	CRETE	
28	10	31	01.9?	37.01 N	141.49 E	10 G	1.0	5	NEAR EAST COAST OF HONSHU, JAPAN	
28	10	54	21.8%	59.490 N	151.169 W	50 3.1		23	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).	
28	11	14	11.7%	56.725 N	156.472 W	37 3.6		30	ALASKA PENINSULA. <AEIC>. ML 3.7 (AEIC).	
28	11	34	40.8	21.547 S	170.641 E	154 D 4.8	1.0	73	LOYALTY ISLANDS REGION	
28	14	25	56.9	43.967 N	147.107 E	33 N 4.6	1.1	73	KURIL ISLANDS	
28	15	13	31.0?	51.80 N	159.36 E	33 N 3.4	0.9	9	OFF EAST COAST OF KAMCHATKA	
28	15	59	21.4%	33.736 N	115.920 W	8		26	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS).	
28	16	10	00.2*	14.121 N	93.315 W	31 D 4.0	0.8	13	NEAR COAST OF CHIAPAS, MEXICO	
28	18	27	54.1*	20.734 S	173.812 W	33 N 4.3	0.9	21	TONGA ISLANDS	
28	18	54	36.6*	2.696 S	101.353 E	91 ? 4.3	1.1	33	SOUTHERN SUMATERA, INDONESIA	
28	19	29	57.3*	11.161 S	165.587 E	45 D 4.4	1.0	23	SANTA CRUZ ISLANDS	
28	20	18	19.8*	27.875 N	139.674 E	524 ? 3.5	0.3	11	BONIN ISLANDS REGION	
28	21	03	53.5*	52.369 N	30.424 W	10 G 3.7	1.2	11	NORTHERN MID-ATLANTIC RIDGE	
28	21	05	55.6?	32.27 S	71.89 W	22		9	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).	
28	21	21	43.8*	7.568 S	147.697 E	101 * 4.4	1.1	20	EASTERN NEW GUINEA REG., P.N.G.	
28	22	41	50.5%	42.813 N	7.237 W	10 G	0.5	5	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Sarria-Becerrea area.	
28	23	37	07.1*	39.078 N	14.407 E	348 ? 3.1	1.1	12	TYRRHENIAN SEA	
28	23	42	00.9?	6.24 S	147.79 E	71 ? 4.0	0.8	13	EASTERN NEW GUINEA REG., P.N.G.	
29	00	33	11.9?	7.49 S	122.78 E	297 ? 4.1	0.9	15	FLORES SEA	
29	01	51	39.7*	44.613 N	148.113 E	33 N 3.8	0.7	19	KURIL ISLANDS	
29	01	53	37.4%	38.212 N	4.430 W	10 G	1.1	6	SPAIN. mbLg 2.2 (MDD).	
29	02	16	02.1	52.250 S	30.014 W	33 N 3.8	1.0	25	NORTHERN MID-ATLANTIC RIDGE	
29	03	39	20.8%	61.362 N	146.794 W	27 4.0		104	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 3.9 (PMR). Felt at Valdez.	
29	03	47	26.8*	36.946 N	27.441 E	10 G 3.8	0.7	10	DODECANESE ISLANDS. Felt at Bodrum, Turkey.	
29	05	17	39.6%	33.620 S	70.037 W	10 G	0.5	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).	
29	05	30	49.8	8.091 S	74.741 W	141 D 4.6	0.8	55	PERU-BRAZIL BORDER REGION	
29	05	49	25.1*	5.559 S	148.071 E	46 ? 4.3	1.2	35	NEW BRITAIN REGION, P.N.G.	
29	08	40	48.7?	30.21 N	130.57 E	152 * 4.7	0.9	7	KYUSHU, JAPAN	
29	09	34	30.3%	39.254 N	123.475 W	5		24	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).	
29	10	11	21.1?	17.49 S	170.79 E	159 ? 4.4	0.6	12	VANUATU ISLANDS	
29	10	35	25.2	46.476 N	153.219 E	27 D 4.8	0.9	94	KURIL ISLANDS	
29	10	59	29.6?	33.98 S	71.43 W	27 *	0.1	6	NEAR COAST OF CENTRAL CHILE	
29	11	39	17.7	44.644 N	128.771 W	10 G 2.7	0.7	46	OFF COAST OF OREGON	
29	11	44	03.1	4.923 S	153.326 E	70 * 4.3	0.9	27	NEW IRELAND REGION, P.N.G.	
29	12	14	05.9	36.087 N	70.067 E	153 D 4.0	0.7	19	HINDU KUSH REGION, AFGHANISTAN	
29	12	49	17.4?	11.73 N	88.31 W	123 ? 4.1	1.1	17	OFF COAST OF CENTRAL AMERICA	
29	13	27	15.7%	59.839 N	152.676 W	86 3.2		93	SOUTHERN ALASKA. <AEIC>.	
29	14	40	41.0	6.518 S	154.999 E	44 G 6.3 7.5	1.0	301	SOLOMON ISLANDS. Mw 7.2 (GS), 7.2 (HRV). Me 6.9 (GS). One	

person killed and several dozen houses collapsed on Bougainville.
Broadband Source Parameters (GS): Dep 38; NP1: Strike=300, Dip=45, Slip=60; NP2: Strike=159, Dip=52, Slip=117; Radiated energy 5.1×10^{14} Nm. Two events about 6.5 seconds apart. Depth based on first event from synthetics of broadband displacement seismograms.

Moment Tensor (GS): Dep 53; Principal axes (scale 10^{19} Nm): (T) Val=7.04, Plg=80, Azm=148; (N) Val=-0.22, Plg=10, Azm=336; (P) Val=-6.81, Plg=1, Azm=246; Best double couple: Mo=6.9* 10^{19} Nm; NP1: Strike=326, Dip=44, Slip=76; NP2: Strike=165, Dip=47, Slip=103.

Centroid, Moment Tensor (HRV): Centroid origin time 14:40:51.2; Lat 6.65 S; Lon 155.07 E; Dep 54.3; Half-duration 10.9 sec; Principal axes (scale 10^{19} Nm): (T) Val=7.49, Plg=83, Azm=139; (N) Val=0.12, Plg=7, Azm=311; (P) Val=-7.61, Plg=1, Azm=41; Best double couple: Mo=7.6* 10^{19} Nm; NP1: Strike=138, Dip=45, Slip=99; NP2: Strike=305, Dip=46, Slip=81.

Scalar Moment (PPT): Mo=4.7* 10^{19} Nm.

29	15	19	53.5	6.519	S	155.140	E	33	N	4.3	1.1	21	SOLOMON ISLANDS
29	15	24	01.6?	12.39	S	117.89	E	33	N	4.1	1.2	13	SOUTH OF SUMBAWA, INDONESIA
29	16	02	02.2*	39.136	N	29.702	E	33	N	3.6	0.9	20	TURKEY. Felt in Kutahya and Usak.
29	16	52	13.8*	0.288	N	126.768	E	33	N	3.8	1.2	7	NORTHERN MOLUCCA SEA
29	16	57	49.7?	30.19	N	138.79	E	435	?	3.3	0.9	8	SOUTH OF HONSHU, JAPAN
29	17	00	33.2?	16.07	S	173.56	W	33	N	4.2	1.0	7	TONGA ISLANDS
29	17	38	33.4?	6.63	S	155.17	E	33	N	3.5	1.0	6	SOLOMON ISLANDS
29	18	42	46.0?	6.80	S	155.23	E	33	N	3.5	1.4	7	SOLOMON ISLANDS
29	19	03	58.9*	22.380	N	143.455	E	144	*	4.0	1.2	27	VOLCANO ISLANDS REGION
29	20	03	23.3	36.313	N	2.943	E	33	N	4.0	1.0	43	NORTHERN ALGERIA. mbLg 3.9 (MDD). Felt at Blida.
29	21	06	40.7?	38.02	N	139.05	E	33	N		0.9	4	NEAR WEST COAST OF HONSHU, JAPAN
29	21	07	18.0*	26.271	S	27.099	E	5	G	4.2	1.2	8	REPUBLIC OF SOUTH AFRICA. mbLg 4.1 (BUL).
29	22	31	15.8	8.135	N	39.063	W	10	G	4.7	4.4	58	CENTRAL MID-ATLANTIC RIDGE
29	23	20	30.7	6.533	S	155.146	E	33	N	4.6	0.7	40	SOLOMON ISLANDS
29	23	39	32.1?	18.55	S	169.42	E	255	?	4.4	1.5	18	VANUATU ISLANDS
29	23	42	13.9	36.821	N	27.714	E	47	*	3.8	1.0	31	DODECANESE ISLANDS
29	23	50	34.4*	23.652	S	64.783	W	33	N	4.3	1.1	20	JUJUY PROVINCE, ARGENTINA
30	01	54	31.9*	10.760	N	143.860	E	33	N	4.0	1.2	18	SOUTH OF MARIANA ISLANDS
30	02	19	26.9*	38.105	N	75.557	E	160	*	3.6	0.6	13	SOUTHERN XINJIANG, CHINA
30	02	27	40.0*	6.589	S	155.565	E	33	N	4.1	1.1	18	SOLOMON ISLANDS
30	03	41	41.2*	15.294	N	42.052	E	10	G	4.0	1.2	16	WESTERN ARABIAN PENINSULA
30	03	53	19.3*	7.106	S	154.831	E	33	N	4.2	1.2	19	SOLOMON ISLANDS
30	04	27	58.1*	6.778	S	154.445	E	33	N	4.1	1.1	17	SOLOMON ISLANDS
30	05	27	41.8	6.716	S	154.780	E	33	N	5.3 5.4	0.9	94	SOLOMON ISLANDS. Mw 5.7 (HRV), 5.5 (GS).
													Moment Tensor (GS): Dep 24; Principal axes (scale 10^{17} Nm): (T) Val=2.17, Plg=71, Azm=65; (N) Val=-0.02, Plg=8, Azm=311; (P) Val=-2.15, Plg=17, Azm=219; Best double couple: Mo=2.2* 10^{17} Nm; NP1: Strike=297, Dip=29, Slip=74; NP2: Strike=135, Dip=62, Slip=99.
													Centroid, Moment Tensor (HRV): Centroid origin time 05:27:45.7; Lat 6.93 S; Lon 154.94 E; Dep 28.4; Half-duration 1.6 sec; Principal axes (scale 10^{17} Nm): (T) Val=3.12, Plg=63, Azm=44; (N) Val=0.52, Plg=3, Azm=307; (P) Val=-3.64, Plg=27, Azm=215; Best double couple: Mo=3.4* 10^{17} Nm; NP1: Strike=297, Dip=18, Slip=79; NP2: Strike=128, Dip=72, Slip=94.
30	05	30	10.7*	6.828	S	155.030	E	33	N	4.7	0.8	29	SOLOMON ISLANDS
30	05	32	47.0	6.721	S	154.868	E	33	N	5.0	0.9	57	SOLOMON ISLANDS
30	05	57	18.4*	43.549	N	147.026	E	92	?	4.2	1.1	22	KURIL ISLANDS
30	06	07	32.9?	6.95	S	155.02	E	33	N	3.8	1.3	9	SOLOMON ISLANDS
30	06	15	54.9*	18.332	N	145.530	E	33	N	3.6	1.1	14	MARIANA ISLANDS
30	06	19	01.8*	6.993	S	155.118	E	33	N	4.0	1.4	16	SOLOMON ISLANDS
30	06	35	13.6*	7.005	S	154.727	E	33	N	3.4	0.6	8	SOLOMON ISLANDS
30	06	43	03.7*	6.844	S	155.016	E	33	N	3.8	0.8	9	SOLOMON ISLANDS
30	06	59	47.6*	7.470	S	155.373	E	33	N	3.7	0.9	11	SOLOMON ISLANDS
30	07	04	08.3*	5.858	S	128.399	E	33	N	3.9	1.0	9	BANDA SEA
30	07	34	58.6*	7.038	S	155.210	E	33	N	3.8	0.5	10	SOLOMON ISLANDS
30	07	41	04.8*	7.284	S	154.888	E	33	N	4.2	1.4	17	SOLOMON ISLANDS
30	07	50	47.4	6.863	S	155.012	E	33	N	4.1	1.0	19	SOLOMON ISLANDS
30	08	11	15.5	38.478	N	139.099	E	33	N	3.8	0.7	15	NEAR WEST COAST OF HONSHU, JAPAN
30	08	49	20.2?	7.01	S	154.53	E	33	N	3.5	0.9	9	SOLOMON ISLANDS
30	09	23	47.4	34.297	N	139.263	E	33	N	3.5	1.0	19	NEAR S. COAST OF HONSHU, JAPAN
30	09	28	40.0?	36.21	N	71.61	E	121	?	3.9	0.7	10	AFGHANISTAN-TAJIKISTAN BORD REG.
30	10	04	02.6	5.391	S	153.381	E	62	*	4.2	0.8	28	NEW IRELAND REGION, P.N.G.
30	10	36	15.3*	12.502	N	143.898	E	33	N	4.2	1.0	19	SOUTH OF MARIANA ISLANDS
30	11	44	53.0*	29.680	N	129.877	E	49	?	3.8	1.1	12	RYUKYU ISLANDS
30	11	47	55.9*	12.452	N	143.978	E	33	N	4.0	0.7	15	SOUTH OF MARIANA ISLANDS
30	11	52	39.4	4.067	S	150.371	E	504		4.1	0.8	26	NEW BRITAIN REGION, P.N.G.
30	12	06	18.7?	37.28	N	138.26	E	217	*		0.9	6	NEAR WEST COAST OF HONSHU, JAPAN
30	12	34	09.3*	6.740	S	154.559	E	33	N	4.4	1.3	22	SOLOMON ISLANDS
30	12	52	04.4	6.463	S	154.931	E	33	N	5.1	1.0	68	SOLOMON ISLANDS
30	13	56	46.4*	4.526	S	125.814	E	465	*	4.3	0.9	20	BANDA SEA
30	15	31	06.9*	36.018	N	23.562	E	33	N	3.7	0.9	15	SOUTHERN GREECE
30	16	44	10.2	64.225	N	129.511	W	10	G		1.0	12	NORTHWEST TERRITORIES, CANADA
30	16	46	14.3*	6.832	S	154.760	E	33	N	3.8	1.0	14	SOLOMON ISLANDS
30	17	21	39.6	6.318	S	130.086	E	111	?	4.3	0.7	21	BANDA SEA
30	17	36	09.0*	15.296	N	42.063	E	10	G	4.1	0.8	13	WESTERN ARABIAN PENINSULA
30	18	01	25.0?	7.07	S	155.18	E	33	N	3.5	1.3	5	SOLOMON ISLANDS
30	18	56	58.9*	43.343	N	147.515	E	75	?	4.0	0.9	17	KURIL ISLANDS
30	20	43	22.0*	52.608	N	174.465	W	186	*	3.8	1.0	13	ANDREANOF ISLANDS, ALEUTIAN IS.
30	21	45	08.3?	52.11	N	173.15	E	33	N	3.9	1.1	9	NEAR ISLANDS, ALEUTIAN ISLANDS
30	22	51	37.4*	26.675	N	142.988	E	33	N	4.2	1.2	22	BONIN ISLANDS REGION

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.

Earthquakes located worldwide in April 1996

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

Earthquake epicenters in Alaska and adjacent regions for April 1996

Earthquake Focal Mechanisms for April 1996

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MAY 1996

ORIGIN TIME				GEOGRAPHIC		DEPTH	MAGNITUDE	SD	NO.	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
UTC				COORDINATES			GS		STA	
DAY	HR	MN	SEC	LAT	LONG		MB Msz		USED	
01	00	51	48.1?	47.16 N	152.75 E	33 N	3.8	0.8	8	KURIL ISLANDS
01	01	21	27.6*	6.850 S	154.607 E	33 N	4.3	1.4	18	SOLOMON ISLANDS
01	02	35	50.7*	35.356 N	22.577 E	33 N	3.8	1.2	19	CENTRAL MEDITERRANEAN SEA
01	03	21	49.3	51.618 N	16.194 E	5 G	3.0	0.8	17	POLAND. ML 3.5 (VIE).
01	03	30	03.5	6.593 S	155.129 E	40 D	5.0 4.5	1.2	71	SOLOMON ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:30:07.5; Lat 7.27 S; Lon 155.24 E; Dep 34.6; Half- duration 1.0 sec; Principal axes (scale 10^{16} Nm): (T) Val=7.63, Plg=69, Azm=172; (N) Val=-0.93, Plg=14, Azm=303; (P) Val=-6.70, Plg=15, Azm=37; Best double couple: Mo=7.2* 10^{16} Nm; NP1: Strike=147, Dip=32, Slip=118; NP2: Strike=295, Dip=62, Slip=74.
01	03	31	23.3*	40.269 N	49.139 E	33 N	3.6	1.2	13	EASTERN CAUCASUS
01	05	00	29.4?	23.97 S	115.39 W	10 G	4.1	0.5	11	SOUTHERN EAST PACIFIC RISE
01	05	33	53.7*	61.363 N	146.792 W	27			50	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR). Felt (II) at Valdez.
01	06	01	26.2	6.960 S	154.958 E	67 *	4.6	0.8	39	SOLOMON ISLANDS
01	06	30	24.4*	22.066 N	143.082 E	186 *	3.9	1.0	21	VOLCANO ISLANDS REGION
01	06	46	07.0?	15.43 N	99.11 W	33 N	3.4	1.3	10	OFF COAST OF GUERRERO, MEXICO
01	07	19	25.2	36.533 N	29.222 E	33 N	3.6	1.0	18	TURKEY
01	07	26	16.7	69.169 N	16.414 W	10 G	3.9	0.8	18	JAN MAYEN ISLAND REGION
01	07	33	35.3	38.102 N	30.123 E	33 N	3.7	1.3	22	TURKEY. Felt at Dinar and Sandikli. Also felt in parts of Isparta.
01	07	39	50.4*	52.535 N	168.952 W	33 N	3.7	1.0	9	FOX ISLANDS, ALEUTIAN ISLANDS
01	09	21	24.2	6.659 S	154.848 E	33 N	5.5 5.9	0.9	225	SOLOMON ISLANDS. Mw 6.1 (HRV), 5.9 (GS). Me 5.7 (GS). Ms 5.9 (BRK). Broadband Source Parameters (GS): Dep 26; NP1: Strike=332, Dip=29, Slip=119; NP2: Strike=120, Dip=65, Slip=75; Radiated energy 9.2×10^{12} Nm. Moment Tensor (GS): Dep 19; Principal axes (scale 10^{17} Nm): (T) Val=7.62, Plg=75, Azm=25; (N) Val=-0.66, Plg=6, Azm=139; (P) Val=-6.96, Plg=13, Azm=231; Best double couple: Mo=7.3* 10^{17} Nm; NP1: Strike=329, Dip=32, Slip=102; NP2: Strike=135, Dip=59, Slip=83. Centroid, Moment Tensor (HRV): Centroid origin time 09:21:29.0; Lat 6.88 S; Lon 154.90 E; Dep 24.7; Half- duration 2.8 sec; Principal axes (scale 10^{18} Nm): (T) Val=1.43, Plg=69, Azm=24; (N) Val=0.06, Plg=5, Azm=129; (P) Val=-1.48, Plg=20, Azm=221; Best double couple: Mo=1.5* 10^{18} Nm; NP1: Strike=321, Dip=26, Slip=103; NP2: Strike=126, Dip=65, Slip=84. Scalar Moment (PPT): Mo=7.2* 10^{17} Nm.
01	09	37	09.3*	6.776 S	154.868 E	33 N	4.1	1.2	17	SOLOMON ISLANDS
01	09	56	54.4?	3.92 S	151.98 E	100 G	4.0	1.1	10	NEW IRELAND REGION, P.N.G.
01	10	05	09.7	6.741 S	154.895 E	33 N	5.4 6.0	1.0	165	SOLOMON ISLANDS. Mw 6.1 (HRV). Ms 6.0 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 10:05:14.2; Lat 7.06 S; Lon 154.99 E; Dep 27.0; Half- duration 2.8 sec; Principal axes (scale 10^{18} Nm): (T) Val=1.55, Plg=68, Azm=34; (N) Val=0.13, Plg=2, Azm=130; (P) Val=-1.68, Plg=22, Azm=221; Best double couple: Mo=1.6* 10^{18} Nm; NP1: Strike=316, Dip=23, Slip=96; NP2: Strike=129, Dip=67, Slip=87.
01	10	18	58.5?	6.77 S	154.96 E	33 N	4.0	1.1	10	SOLOMON ISLANDS
01	10	19	51.7*	6.615 S	155.204 E	33 N	4.4	1.0	32	SOLOMON ISLANDS
01	10	36	26.1?	6.60 S	154.62 E	33 N	3.6	1.2	8	SOLOMON ISLANDS
01	10	58	05.9	6.699 S	154.784 E	33 N	4.6	1.1	38	SOLOMON ISLANDS
01	11	06	00.7	3.266 S	102.347 E	100 D	4.4	0.9	28	SOUTHERN SUMATERA, INDONESIA
01	11	11	52.4*	6.994 S	154.993 E	33 N	3.7	0.7	11	SOLOMON ISLANDS
01	11	45	20.6*	15.448 N	41.987 E	10 G	4.3	1.0	32	RED SEA
01	11	47	34.8*	11.054 N	62.475 W	78 *	4.0	1.1	22	WINDWARD ISLANDS. MD 3.9 (TRN). Felt (II) on Trinidad.
01	12	08	31.6*	7.308 S	155.125 E	33 N	3.9	1.1	16	SOLOMON ISLANDS

01	12	23	13.6	6.633 S	154.824 E	56 D	4.2	1.1	34	SOLOMON ISLANDS
01	12	56	24.3*	6.319 N	90.911 E	33 N	4.0	1.0	16	NICOBAR ISLANDS, INDIA
01	13	26	40.3*	23.179 S	179.980 W	500 G	4.2	1.0	22	SOUTH OF FIJI ISLANDS
01	13	36	26.9	7.169 S	154.885 E	33 N	4.5	0.9	43	SOLOMON ISLANDS
01	13	44	56.8	6.893 S	154.905 E	49 D	4.7	0.9	51	SOLOMON ISLANDS
01	13	52	34.4	6.796 S	154.934 E	33 N	5.1	0.9	101	SOLOMON ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:52:40.2; Lat 6.73 S; Lon 155.05 E; Dep 15.0 Fix; Half- duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.63, Plg=52, Azm=48; (N) Val=0.04, Plg=0, Azm=138; (P) Val=-2.67, Plg=38, Azm=228; Best double couple: Mo=2.7*10**17 Nm; NPl: Strike=318, Dip=7, Slip=90; NP2: Strike=138, Dip=83, Slip=90.
01	13	54	27.0*	39.433 N	22.217 E	10 G	3.7	1.1	10	GREECE
01	14	02	44.4*	7.166 S	154.671 E	33 N	3.7	0.8	13	SOLOMON ISLANDS
01	14	04	28.7*	7.240 S	154.954 E	33 N	3.7	0.8	13	SOLOMON ISLANDS
01	14	05	36.2*	6.674 S	154.902 E	33 N	4.3	1.2	32	SOLOMON ISLANDS
01	14	15	56.1*	29.880 N	94.811 E	33 N	3.9	0.8	19	EASTERN XIZANG-INDIA BORDER REG.
01	14	59	22.5*	29.333 N	130.678 E	33 N	3.6	1.2	10	RYUKYU ISLANDS
01	15	21	21.6*	2.745 S	122.434 E	33 N	4.0	1.1	10	SULAWESI, INDONESIA
01	15	22	10.4*	0.770 S	136.059 E	33 N	4.2	0.9	14	IRIAN JAYA REGION, INDONESIA
01	15	31	53.2*	6.592 S	154.601 E	33 N	4.2	1.1	18	SOLOMON ISLANDS
01	15	39	05.0*	6.622 S	154.656 E	33 N	3.8	0.9	12	SOLOMON ISLANDS
01	15	51	10.1?	6.41 S	130.74 E	100 G	3.5	1.5	11	BANDA SEA
01	15	56	12.5	6.659 S	154.810 E	33 N	4.8	1.0	62	SOLOMON ISLANDS
01	16	27	42.5	6.953 S	154.841 E	86 *	4.2	1.0	32	SOLOMON ISLANDS
01	16	39	25.5*	46.143 N	151.922 E	33 N	4.3	1.1	32	KURIL ISLANDS
01	16	43	18.4	6.455 S	155.252 E	111 *	4.6	1.1	42	SOLOMON ISLANDS
01	17	06	06.7*	36.304 N	70.453 E	230 *	3.7	1.0	19	HINDU KUSH REGION, AFGHANISTAN
01	17	17	23.7	11.528 N	141.472 E	33 N	4.3	0.9	25	WESTERN CAROLINE ISLANDS
01	17	28	31.7*	46.007 S	37.545 E	10 G	4.5	1.0	35	PRINCE EDWARD ISLANDS REGION
01	17	50	26.5	36.292 N	141.129 E	33 N	4.4	1.2	52	NEAR EAST COAST OF HONSHU, JAPAN
01	18	07	03.5*	35.228 S	105.589 W	10 G	4.7	1.3	27	SOUTHERN EAST PACIFIC RISE
01	18	12	35.6	46.900 N	152.711 E	131 ?	3.7	0.9	30	KURIL ISLANDS
01	18	19	43.3?	36.71 N	141.52 E	33 N		0.8	5	NEAR EAST COAST OF HONSHU, JAPAN
01	18	23	31.4	6.664 S	155.207 E	33 N	4.6	1.0	53	SOLOMON ISLANDS
01	18	35	32.9*	36.902 N	121.633 W	6		73	CENTRAL CALIFORNIA. <GM-P>. Mw 3.7 (BRK). MD 3.6 (GM). ML 3.7 (BRK), 3.6 (GS). Felt at Aromas, Gilroy, Santa Cruz, Salinas and Watsonville. Scalar Moment (BRK): Mo=4.7*10**14 Nm.	
01	18	39	39.0*	36.902 N	121.635 W	6		70	CENTRAL CALIFORNIA. <GM-P>. Mw 3.7 (BRK). MD 3.6 (GM). ML 3.7 (BRK), 3.6 (GS). Felt at Aromas, Gilroy, Santa Cruz, Salinas and Watsonville. Scalar Moment (BRK): Mo=3.8*10**14 Nm.	
01	18	48	41.4?	22.62 S	112.21 W	10 G	4.0	1.5	6	EASTER ISLAND REGION
01	19	07	22.5*	6.926 S	155.098 E	33 N	3.8	0.7	10	SOLOMON ISLANDS
01	19	49	56.4*	34.354 N	118.704 W	14	4.0	96	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.1 (PAS). ML 4.3 (BRK). Felt (IV) at Canoga Park, Mission Hills, North Hills, Reseda and Thousand Oaks; (III) at Newbury Park and Tarzana. Also felt at Oxnard and Santa Paula.	
01	20	09	57.7*	6.777 S	154.848 E	33 N	3.9	0.9	13	SOLOMON ISLANDS
01	20	14	16.1	44.495 N	148.333 E	33 N	4.0	1.1	28	KURIL ISLANDS
01	20	32	04.8*	36.714 N	29.244 E	33 N	3.7	1.0	8	TURKEY
01	20	40	16.8*	3.731 S	131.456 E	33 N	3.7	0.9	8	IRIAN JAYA REGION, INDONESIA
01	21	14	08.5*	47.847 N	27.838 W	10 G	3.7	1.3	11	NORTHERN MID-ATLANTIC RIDGE
01	22	36	48.3*	21.075 S	179.158 W	600 G	4.0	1.0	21	FIJI ISLANDS REGION
01	22	42	09.1*	28.394 N	52.574 E	33 N	3.9	0.8	12	SOUTHERN IRAN
01	22	46	50.2?	17.91 S	71.62 W	33 N	4.2	0.7	7	NEAR COAST OF PERU
01	23	21	41.8*	60.263 N	151.063 W	50		9	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).	
01	23	54	30.2*	64.241 S	175.110 E	10 G	4.6	1.1	21	BALLENY ISLANDS REGION
01	23	57	28.6*	39.245 N	71.042 E	108 ?	3.6	0.9	10	TAJIKISTAN
02	00	06	15.0	35.022 N	27.134 E	59 *	3.6	1.3	29	DODECANESE ISLANDS
02	00	24	02.0*	37.682 N	31.947 W	10 G	3.5	0.8	8	AZORES ISLANDS REGION
02	00	33	37.8*	40.413 N	125.275 W	2	3.6	46	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. Mw 4.0 (BRK). MD 3.9 (GM). ML 4.0 (GS). Scalar Moment (BRK): Mo=1.3*10**15 Nm.	
02	01	00	53.0*	4.036 N	125.880 E	57 ?	3.8	1.2	11	TALAUD ISLANDS, INDONESIA
02	01	18	42.2?	6.71 S	155.05 E	33 N	4.0	1.3	10	SOLOMON ISLANDS
02	02	31	53.9?	35.28 S	103.51 W	10 G	4.1	1.6	12	SOUTHERN PACIFIC OCEAN
02	02	32	35.2	6.440 S	154.577 E	33 N	5.3 5.9	0.8	161	SOLOMON ISLANDS. Mw 6.0 (HRV), 5.9 (GS). Moment Tensor (GS): Dep 24; Principal axes (scale 10**17 Nm): (T) Val=7.75, Plg=76, Azm=56; (N) Val=0.02, Plg=7, Azm=297; (P) Val=-7.77, Plg=12, Azm=205; Best double couple: Mo=7.8*10**17 Nm; NPl: Strike=286, Dip=34, Slip=78; NP2: Strike=121, Dip=57, Slip=98. Centroid, Moment Tensor (HRV): Centroid origin time 02:32:41.5; Lat 6.83 S; Lon 154.75 E; Dep 29.0 Bdy; Half- duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=-1.32, Plg=72, Azm=36; (N) Val=0.03, Plg=4, Azm=138; (P) Val=-1.35, Plg=17, Azm=229; Best double couple: Mo=1.3*10**18 Nm; NPl: Strike=325, Dip=28, Slip=98; NP2: Strike=136, Dip=62, Slip=86. Scalar Moment (PPT): Mo=9.5*10**17 Nm.
02	03	08	11.0*	6.541 S	154.713 E	33 N	4.0	0.7	11	SOLOMON ISLANDS
02	04	00	11.1*	36.202 S	71.143 W	92 D	4.8	1.0	47	CENTRAL CHILE. Felt (IV) at Cauquenes and Linares; (III) at Chillan, Concepcion, Curico, Licanten and Los Angeles; (II) at Nacimientito.
02	04	08	55.1*	6.458 S	154.665 E	33 N	4.2	0.9	22	SOLOMON ISLANDS
02	04	24	34.6?	6.55 S	154.69 E	33 N	3.8	1.2	13	SOLOMON ISLANDS
02	04	28	27.3*	13.603 S	167.129 E	210 D	4.2	1.0	24	VANUATU ISLANDS
02	05	01	16.4*	22.234 S	66.109 W	260 D	3.9	1.3	17	JUJUY PROVINCE, ARGENTINA
02	05	45	12.6	31.793 N	131.629 E	38	5.0 4.7	1.1	132	KYUSHU, JAPAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time

05:45:15.3; Lat 31.55 N; Lon 132.01 E; Dep 24.3; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=-8.18, Plg=76, Azm=307; (N) Val=0.29, Plg=0, Azm=217; (P) Val=-8.47, Plg=14, Azm=127; Best double couple: Mo=8.3*10**16 Nm; NP1: Strike=217, Dip=31, Slip=90; NP2: Strike=37, Dip=59, Slip=90.

02 06 15 47.0% 37.314 N 138.350 E 10 G 0.2 6 NEAR WEST COAST OF HONSHU, JAPAN

02 06 16 19.1* 6.590 S 155.375 E 33 N 4.0 1.0 18 SOLOMON ISLANDS

02 06 30 24.8 16.130 N 120.600 E 33 N 5.2 5.0 1.0 113 LUZON, PHILIPPINE ISLANDS. Mw 5.5 (HRV). Three people injured at Dagupan. Felt (V RF) at Dagupan; (IV RF) at Baguio and Manila; (III RF) at Quezon.

Centroid, Moment Tensor (HRV): Centroid origin time 06:30:24.4; Lat 16.13 N Fix; Lon 120.60 E Fix; Dep 35.1; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.75, Plg=13, Azm=347; (N) Val=0.00, Plg=10, Azm=254; (P) Val=-1.75, Plg=73, Azm=127; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=91, Dip=33, Slip=-71; NP2: Strike=248, Dip=59, Slip=-102.

02 06 38 24.3 6.680 S 154.816 E 33 N 5.3 5.3 0.8 116 SOLOMON ISLANDS. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 06:38:30.6; Lat 6.51 S; Lon 154.65 E; Dep 64.0; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.12, Plg=73, Azm=337; (N) Val=0.18, Plg=14, Azm=123; (P) Val=-2.29, Plg=9, Azm=216; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=322, Dip=38, Slip=-113; NP2: Strike=113, Dip=55, Slip=73.

02 07 36 58.4* 7.002 S 154.916 E 33 N 4.2 0.9 20 SOLOMON ISLANDS

02 09 27 09.4* 33.703 N 136.596 E 393 3.4 0.8 13 NEAR S. COAST OF WESTERN HONSHU

02 09 48 07.8? 6.59 S 154.70 E 33 N 3.7 1.0 7 SOLOMON ISLANDS

02 10 21 16.0% 60.391 N 152.012 W 73 3.3 21 SOUTHERN ALASKA. <AEIC>.

02 10 22 48.5* 2.462 N 79.206 W 33 N 4.5 1.0 36 SOUTH OF PANAMA

02 10 29 49.1* 15.313 S 173.876 W 33 N 4.6 0.8 41 TONGA ISLANDS

02 10 38 58.9% 63.823 N 148.440 W 101 3.6 27 CENTRAL ALASKA. <AEIC>.

02 11 01 38.0% 60.013 N 151.960 W 72 3.8 35 KENAI PENINSULA, ALASKA. <AEIC>. Felt strongly at Homer. Also felt at Anchor Point.

02 11 12 35.3* 6.598 S 155.138 E 33 N 4.1 0.7 17 SOLOMON ISLANDS

02 11 34 34.3% 38.804 N 122.803 W 2 42 NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS).

02 11 55 40.3? 21.16 S 68.32 W 154 * 3.9 1.2 12 CHILE-BOLIVIA BORDER REGION

02 12 28 48.7 34.015 N 139.359 E 17 3.4 0.5 10 NEAR S. COAST OF HONSHU, JAPAN

02 12 56 12.0 34.072 N 139.253 E 10 G 4.6 0.9 73 NEAR S. COAST OF HONSHU, JAPAN

02 13 12 47.4 21.378 S 68.596 W 121 D 4.5 1.0 22 CHILE-BOLIVIA BORDER REGION

02 13 29 17.6* 59.084 S 27.070 W 33 N 5.1 1.2 13 SOUTH SANDWICH ISLANDS REGION

02 13 29 39.7% 38.789 N 122.774 W 3 40 NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (GS).

02 13 34 28.9 4.548 S 154.833 E 500 G 5.6 1.0 242 SOLOMON ISLANDS. Mw 6.6 (GS), 6.6 (HRV). Me 6.0 (GS). Broadband Source Parameters (GS): NP1: Strike=250, Dip=70, Slip=-120; NP2: Strike=129, Dip=36, Slip=-36; Radiated energy 2.4*10**13 Nm. Two events observed on broadband displacement seismograms. A small event is followed about 3 seconds later by a larger one.

Moment Tensor (GS): Dep 509; Principal axes (scale 10**19 Nm): (T) Val=-1.01, Plg=27, Azm=347; (N) Val=-0.15, Plg=11, Azm=251; (P) Val=-0.85, Plg=61, Azm=141; Best double couple: Mo=9.3*10**18 Nm; NP1: Strike=103, Dip=21, Slip=-57; NP2: Strike=248, Dip=73, Slip=-102.

Centroid, Moment Tensor (HRV): Centroid origin time 13:34:37.9; Lat 4.42 S; Lon 155.02 E; Dep 511.2; Half-duration 4.8 sec; Principal axes (scale 10**19 Nm): (T) Val=-1.06, Plg=25, Azm=356; (N) Val=-0.12, Plg=21, Azm=256; (P) Val=-0.95, Plg=56, Azm=132; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=124, Dip=27, Slip=-39; NP2: Strike=250, Dip=73, Slip=-111.

Scalar Moment (PPT): Mo=9.2*10**18 Nm.

02 14 14 13.0 34.091 N 139.324 E 10 G 4.1 1.0 31 NEAR S. COAST OF HONSHU, JAPAN

02 14 19 00.4 34.089 N 139.295 E 10 G 4.1 1.1 45 NEAR S. COAST OF HONSHU, JAPAN

02 14 19 36.2 34.119 N 139.267 E 10 G 4.6 1.1 58 NEAR S. COAST OF HONSHU, JAPAN

02 14 24 45.4 34.066 N 139.314 E 10 G 4.1 0.8 22 NEAR S. COAST OF HONSHU, JAPAN

02 15 09 47.7 34.045 N 139.334 E 10 G 4.1 1.2 24 NEAR S. COAST OF HONSHU, JAPAN

02 15 51 04.3 47.844 N 152.685 E 124 * 4.7 1.0 97 KURIL ISLANDS

02 16 19 23.9* 15.979 S 74.923 W 33 N 4.4 1.1 29 NEAR COAST OF PERU

02 16 38 47.1? 22.69 S 112.15 W 10 G 4.4 0.8 9 EASTER ISLAND REGION

02 17 15 26.8 36.925 N 27.583 E 33 N 3.7 0.8 16 DODECANESE ISLANDS

02 17 38 34.5% 34.259 N 118.462 W 11 24 SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). Felt.

02 18 08 53.0 39.553 N 20.576 E 10 G 4.5 0.9 48 GREECE-ALBANIA BORDER REGION

02 18 17 52.3* 22.635 S 176.244 W 87 D 4.5 1.3 34 SOUTH OF FIJI ISLANDS

02 18 55 18.2? 19.03 N 145.71 E 235 ? 3.7 0.9 12 MARIANA ISLANDS

02 19 14 07.0* 6.706 S 154.806 E 33 N 4.4 0.9 26 SOLOMON ISLANDS

02 19 32 51.6* 17.650 S 178.403 W 600 G 4.3 0.9 33 FIJI ISLANDS REGION

02 20 49 17.6 44.604 N 114.276 W 5 G 0.8 25 WESTERN IDAHO. ML 3.5 (GS), 3.7 (BUT). Felt at Challis.

02 21 24 24.5? 6.05 S 130.49 E 168 ? 4.0 0.8 15 BANDA SEA

02 22 07 24.6* 16.104 N 93.392 W 134 ? 4.2 1.1 27 CHIAPAS, MEXICO

02 23 12 17.4* 15.346 N 42.053 E 10 G 4.3 1.0 21 WESTERN ARABIAN PENINSULA

03 00 00 31.5? 7.33 S 155.12 E 33 N 3.7 1.0 7 SOLOMON ISLANDS

03 00 12 18.9* 49.618 N 155.584 E 33 N 3.6 0.8 11 KURIL ISLANDS

03 00 33 46.1* 17.711 S 175.339 W 250 G 4.3 0.9 19 TONGA ISLANDS

03 00 59 54.0? 13.57 N 124.25 E 33 N 4.2 0.5 8 LUZON, PHILIPPINE ISLANDS

03 01 29 48.6* 30.710 S 71.795 W 33 N 4.2 1.0 7 NEAR COAST OF CENTRAL CHILE

03 01 51 54.5? 36.73 N 22.07 E 33 N 3.7 0.4 9 SOUTHERN GREECE

03 02 23 07.7 27.321 N 128.385 E 58 5.1 1.0 95 RYUKYU ISLANDS. Mw 5.0 (HRV). Felt (III JMA) on Okinoerabu-shima.

Centroid, Moment Tensor (HRV): Centroid origin time 02:23:07.8; Lat 27.06 N; Lon 128.59 E; Dep 61.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=-4.23, Plg=63, Azm=38; (N) Val=0.02, Plg=27, Azm=226;

(P) Val=-4.24, Plg=3, Azm=134; Best double couple:
Mo=4.2*10**16 Nm; NP1: Strike=199, Dip=48, Slip=53; NP2:
Strike=68, Dip=54, Slip=124.

03 02 42 48.2* 39.653 N 53.977 E 33 N 3.7 0.9 14 TURKMENISTAN
03 02 48 03.9* 6.769 S 154.847 E 33 N 4.1 1.2 9 SOLOMON ISLANDS
03 03 01 02.2? 4.23 S 138.47 E 158 D 3.7 0.7 6 IRIAN JAYA, INDONESIA
03 03 07 13.4 7.310 S 155.282 E 33 N 4.9 1.2 40 SOLOMON ISLANDS. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time
03:07:13.3; Lat 7.30 S; Lon 155.01 E; Dep 15.0 Fix; Half-
duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
Val=3.27, Plg=60, Azm=9; (N) Val=-0.23, Plg=16, Azm=129;
(P) Val=-3.04, Plg=24, Azm=226; Best double couple:
Mo=3.2*10**17 Nm; NP1: Strike=346, Dip=25, Slip=130; NP2:
Strike=123, Dip=71, Slip=73.

03 03 08 50.4* 6.964 S 154.910 E 33 N 4.9 0.9 18 SOLOMON ISLANDS
03 03 23 16.1 7.217 S 155.074 E 33 N 5.1 1.0 43 SOLOMON ISLANDS
03 03 26 11.4* 7.191 S 154.958 E 33 N 4.8 1.0 26 SOLOMON ISLANDS
03 03 32 47.1 40.774 N 109.661 E 26 D 5.5 6.0 1.0 268 WESTERN NEI MONGOL, CHINA. Mw 6.0 (GS), 6.0 (HRV). At least
18 people killed, 300 injured and extensive damage in the
Baotou area. Felt at Beijing, Hohhot, Taiyuan, Xian and
Yinchuan.
Moment Tensor (GS): Dep 15; Principal axes (scale 10**18
Nm): (T) Val=1.00, Plg=7, Azm=350; (N) Val=0.01, Plg=66,
Azm=96; (P) Val=-1.00, Plg=22, Azm=257; Best double couple:
Mo=1.0*10**18 Nm; NP1: Strike=36, Dip=69, Slip=169; NP2:
Strike=302, Dip=79, Slip=21.
Centroid, Moment Tensor (HRV): Centroid origin time
03:32:49.9; Lat 40.72 N; Lon 109.69 E; Dep 25.0 Bdy; Half-
duration 2.6 sec; Principal axes (scale 10**18 Nm): (T)
Val=1.21, Plg=2, Azm=175; (N) Val=-0.28, Plg=71, Azm=78;
(P) Val=-0.93, Plg=19, Azm=265; Best double couple:
Mo=1.1*10**18 Nm; NP1: Strike=308, Dip=75, Slip=12; NP2:
Strike=42, Dip=78, Slip=165.

03 03 36 21.8* 21.456 S 71.929 W 33 N 4.4 1.2 13 OFF COAST OF NORTHERN CHILE
03 04 04 22.6* 47.760 N 121.876 W 4 5.2 307 WASHINGTON. <SEA-P>. MD 5.3 (SEA). ML 5.5 (PGC). Two people
injured and slight damage in the epicentral area. Felt (V)
at Baring, Bothell, Bremerton, Burlington, Carnation,
Clinton, Hansville, Kenmore, Kingston, Kirkland, Lake
Stevens, Maple Valley, Marblemount, Marysville, Mount
Vernon, Pacific, Peshastin, Port Hadlock, Preston, Redmond,
Redondo, Ronald, Seattle, Silverdale, Snoqualmie and
Woodinville. Felt throughout western Washington, east as
far as Wenatchee and south as far as Astoria and Portland,
Oregon. Felt at Castlegar, Kelowna, Mission, Nelson,
Penticton, Victoria and Vancouver, British Columbia, Canada.

03 04 13 36.6* 47.752 N 121.865 W 4 57 WASHINGTON. <SEA-P>. MD 3.0 (SEA).
03 04 21 23.3* 47.765 N 121.867 W 5 28 WASHINGTON. <SEA-P>. MD 3.0 (SEA).
03 04 36 45.4* 47.798 N 121.779 W 10 7 WASHINGTON. <SEA-P>. MD 2.6 (SEA).
03 04 56 44.8* 47.791 N 121.831 W 5 13 WASHINGTON. <SEA-P>. MD 3.5 (SEA).
03 05 20 20.6? 18.92 S 174.95 W 100 G 4.3 0.9 10 TONGA ISLANDS
03 05 52 56.0* 47.735 N 121.831 W 10 6 WASHINGTON. <SEA-P>. MD 2.7 (SEA).
03 05 55 07.7* 32.294 N 132.253 E 33 N 0.8 5 SHIKOKU, JAPAN
03 06 27 03.6* 7.034 S 155.190 E 33 N 4.1 1.0 14 SOLOMON ISLANDS
03 07 02 18.4* 36.755 N 71.330 E 114 ? 3.8 1.4 20 AFGHANISTAN-TAJIKISTAN BORD REG.
03 07 31 31.3? 16.17 S 174.52 W 200 G 4.1 1.0 9 TONGA ISLANDS
03 07 36 42.5* 29.210 N 57.208 E 33 N 4.2 1.5 20 SOUTHERN IRAN
03 07 47 51.5 43.045 N 104.022 W 5 G 0.7 7 WYOMING. mblg 3.1 (GS).
03 08 24 20.0? 7.36 S 155.11 E 33 N 4.2 1.2 12 SOLOMON ISLANDS
03 13 40 34.0 32.230 N 132.266 E 33 N 3.9 0.8 13 SHIKOKU, JAPAN
03 13 48 17.6? 59.60 S 27.02 W 33 N 4.1 1.5 8 SOUTH SANDWICH ISLANDS REGION
03 13 54 07.1* 47.692 N 113.883 W 14 14 MONTANA. <BUT-P>. ML 3.1 (BUT).
03 14 22 31.1? 17.61 S 179.57 W 600 G 4.0 0.9 12 FIJI ISLANDS REGION
03 14 36 10.3 6.562 S 154.723 E 33 N 4.7 1.0 58 SOLOMON ISLANDS
03 14 59 09.9 12.991 N 143.306 E 217 3.9 0.6 24 SOUTH OF MARIANA ISLANDS
03 15 24 21.7? 3.19 N 127.04 E 33 N 4.5 0.6 10 TALAUD ISLANDS, INDONESIA
03 15 27 04.1* 47.107 N 10.046 E 10 G 1.6 11 AUSTRIA. ML 2.8 (VIE).
03 15 41 37.2 13.157 N 143.819 E 144 * 4.4 0.8 24 SOUTH OF MARIANA ISLANDS
03 16 02 30.0* 47.760 N 121.860 W 4 9 WASHINGTON. <SEA-P>. MD 3.1 (SEA).
03 16 04 05.6? 22.90 S 67.42 W 150 G 3.4 1.7 8 CHILE-BOLIVIA BORDER REGION
03 16 44 12.0? 20.79 S 175.58 W 150 G 4.6 1.4 19 TONGA ISLANDS
03 17 04 07.5? 16.17 N 42.48 E 10 G 3.9 0.9 7 WESTERN ARABIAN PENINSULA
03 18 04 27.1* 6.777 S 129.764 E 150 G 3.9 1.0 9 BANDA SEA
03 18 18 54.9* 6.794 S 155.326 E 33 N 3.6 1.1 12 SOLOMON ISLANDS
03 18 19 37.4* 6.768 S 155.331 E 33 N 4.3 1.1 23 SOLOMON ISLANDS
03 18 39 37.1 43.085 N 146.835 E 50 D 4.9 0.9 107 KURIL ISLANDS. Mw 5.0 (HRV). Felt (III) on Shikotan.
Centroid, Moment Tensor (HRV): Centroid origin time
18:39:40.0; Lat 43.04 N; Lon 147.29 E; Dep 46.5; Half-
duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
Val=4.45, Plg=61, Azm=331; (N) Val=-1.16, Plg=29, Azm=156;
(P) Val=-3.28, Plg=2, Azm=65; Best double couple:
Mo=3.9*10**16 Nm; NP1: Strike=128, Dip=50, Slip=50; NP2:
Strike=0, Dip=54, Slip=127.

03 19 01 08.5* 10.007 N 126.184 E 33 N 4.0 1.1 10 PHILIPPINE ISLANDS REGION
03 19 51 27.6 51.652 N 173.248 W 47 D 4.0 0.9 31 ANDREANOF ISLANDS, ALEUTIAN IS.
03 20 30 27.2 7.329 S 155.216 E 33 N 4.8 0.8 34 SOLOMON ISLANDS
03 20 52 25.0 15.884 N 145.038 E 33 N 4.5 4.1 1.0 39 MARIANA ISLANDS
03 21 24 44.4 56.059 N 158.388 W 66 3.9 0.9 25 ALASKA PENINSULA
03 22 06 46.1 44.528 N 149.844 E 33 N 4.6 1.1 59 KURIL ISLANDS
03 22 14 06.4* 44.277 N 149.993 E 33 N 4.1 1.5 16 KURIL ISLANDS
03 23 14 50.0* 47.750 N 121.880 W 4 12 WASHINGTON. <SEA-P>. MD 3.4 (SEA).
03 23 24 10.6 7.209 S 155.221 E 33 N 5.0 4.8 0.9 48 SOLOMON ISLANDS. Mw 5.3 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time
23:24:12.5; Lat 7.31 S; Lon 155.08 E; Dep 17.5; Half-

duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.29, Plg=63, Azm=70; (N) Val=0.32, Plg=4, Azm=332; (P) Val=-9.61, Plg=27, Azm=240; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=321, Dip=19, Slip=78; NP2: Strike=153, Dip=72, Slip=94.

03	23	34	33.7*	44.423	N	149.872	E	33	N	4.3	1.0	25	KURIL ISLANDS
03	23	37	03.1	7.267	S	128.939	E	150	G	5.0	1.0	88	BANDA SEA
04	00	19	05.5	8.262	S	115.639	E	196	*	4.7	1.1	42	BALI REGION, INDONESIA
04	01	10	29.4?	31.90	S	69.84	W	150	G		0.4	11	SAN JUAN PROVINCE, ARGENTINA. MD 2.9 (SAN).
04	01	19	24.0	11.754	N	142.993	E	33	N	4.8	1.2	71	SOUTH OF MARIANA ISLANDS
04	02	13	59.8?	31.29	S	179.57	W	300	G	4.2	1.3	12	KERMADEC ISLANDS REGION
04	02	45	48.9*	33.199	S	71.457	W	50	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
04	02	46	50.7*	59.047	S	18.083	W	10	G	4.6	1.5	17	SOUTHWESTERN ATLANTIC OCEAN
04	02	53	18.4*	6.779	S	154.829	E	33	N	4.4	1.1	25	SOLOMON ISLANDS
04	03	17	28.7?	20.82	S	178.33	W	500	G	3.8	0.9	16	FIJI ISLANDS REGION
04	03	20	25.2?	17.67	S	172.82	E	33	N	4.3	0.7	8	VANUATU ISLANDS REGION
04	03	37	17.6*	34.953	S	54.151	E	10	G	4.3	0.7	11	SOUTHWEST INDIAN RIDGE
04	04	14	57.6*	14.465	N	92.022	W	100	G	3.7	1.0	15	NEAR COAST OF CHIAPAS, MEXICO
04	06	46	45.9?	31.31	S	178.51	W	33	N	4.2	0.7	12	KERMADEC ISLANDS REGION
04	06	54	18.5*	6.791	S	155.164	E	33	N	4.0	1.2	15	SOLOMON ISLANDS
04	07	00	40.2*	20.799	S	178.447	W	500	G	4.0	0.6	16	FIJI ISLANDS REGION
04	07	01	29.1*	38.855	N	21.400	E	33	N	3.7	0.7	14	GREECE
04	07	01	30.7	44.671	N	112.531	E	10	G	4.3	0.9	29	NORTHEASTERN CHINA
04	07	28	49.7*	19.179	N	69.652	W	114	*	3.7	1.1	15	DOMINICAN REPUBLIC REGION
04	07	56	05.1*	60.580	N	147.173	W	11		3.6		24	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR).
04	07	59	47.0?	4.47	N	72.61	W	33	N	3.7	1.1	10	COLOMBIA
04	08	06	53.9*	33.590	S	71.796	W	40	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 2.8 (SAN).
04	08	19	42.0*	39.595	N	40.968	E	33	N	3.8	1.1	15	TURKEY
04	08	36	09.2?	16.94	S	178.94	W	400	G	3.7	1.0	14	FIJI ISLANDS REGION
04	08	41	16.8?	36.21	N	71.18	E	150	?	3.5	1.2	10	AFGHANISTAN-TAJIKISTAN BORD REG.
04	09	49	51.9	6.751	S	154.815	E	33	N	4.9	0.8	49	SOLOMON ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:49:56.1; Lat 6.71 S; Lon 154.58 E; Dep 41.3; Half- duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.07, Plg=62, Azm=6; (N) Val=-0.15, Plg=17, Azm=131; (P) Val=-0.93, Plg=21, Azm=228; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=346, Dip=28, Slip=128; NP2: Strike=124, Dip=68, Slip=72.
04	10	26	31.9*	12.945	N	125.675	E	33	N	3.9	0.5	11	SAMAR, PHILIPPINE ISLANDS
04	11	05	03.7*	10.197	N	68.553	W	33	N	3.7	1.0	9	NEAR COAST OF VENEZUELA
04	11	08	42.4	13.811	N	146.470	E	33	N	4.1	1.2	30	SOUTH OF MARIANA ISLANDS
04	11	16	48.5?	37.73	N	143.48	E	33	N		1.0	6	OFF EAST COAST OF HONSHU, JAPAN
04	11	17	22.8	38.886	N	21.518	E	33	N	4.3	1.1	40	GREECE
04	12	13	24.9?	1.83	N	127.41	E	33	N	4.3	1.3	9	HALMAHERA, INDONESIA
04	12	41	08.9*	6.780	S	155.456	E	33	N	3.7	1.0	10	SOLOMON ISLANDS
04	13	37	16.7*	23.667	N	126.058	E	33	N	4.4	1.0	15	SOUTHEAST OF RYUKYU ISLANDS
04	14	15	33.8?	2.56	N	127.86	E	33	N	3.9	0.9	8	NORTHERN MOLUCCA SEA
04	14	15	41.6?	36.24	N	141.00	E	33	N		0.7	5	NEAR EAST COAST OF HONSHU, JAPAN
04	14	38	28.0*	47.750	N	121.880	W	6		3.2		20	WASHINGTON. <SEA-P>. MD 3.6 (SEA). Felt strongly in the epicentral area.
04	15	34	35.0*	35.734	N	117.639	W	6	G			9	CENTRAL CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.5 (GS).
04	16	09	00.5*	13.774	N	146.511	E	33	N	3.8	1.2	17	SOUTH OF MARIANA ISLANDS
04	16	13	04.0	13.846	N	146.308	E	33	N	5.3 5.6	1.1	158	SOUTH OF MARIANA ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 8; Principal axes (scale 10**17 Nm): (T) Val=4.71, Plg=49, Azm=254; (N) Val=0.06, Plg=23, Azm=15; (P) Val=-4.77, Plg=31, Azm=120; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=259, Dip=26, Slip=157; NP2: Strike=10, Dip=80, Slip=66. Centroid, Moment Tensor (HRV): Centroid origin time 16:13:06.7; Lat 13.71 N; Lon 146.77 E; Dep 15.0 Bdy; Half- duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.63, Plg=70, Azm=262; (N) Val=0.08, Plg=9, Azm=18; (P) Val=-3.71, Plg=18, Azm=111; Best double couple: Mo=3.7*10**17 Nm; NP1: Strike=216, Dip=28, Slip=110; NP2: Strike=13, Dip=64, Slip=80.
04	16	49	24.8	13.862	N	146.256	E	33	N	5.5 5.7	1.1	171	SOUTH OF MARIANA ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:49:26.6; Lat 13.67 N; Lon 146.93 E; Dep 15.0 Bdy; Half- duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.55, Plg=75, Azm=225; (N) Val=0.16, Plg=14, Azm=27; (P) Val=-2.71, Plg=4, Azm=118; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=223, Dip=43, Slip=111; NP2: Strike=15, Dip=51, Slip=72.
04	17	13	51.0*	50.640	S	6.488	W	10	G	4.7	1.1	13	SOUTHERN MID-ATLANTIC RIDGE
04	17	18	27.8*	38.913	N	70.656	E	33	N	3.8	0.8	8	AFGHANISTAN-TAJIKISTAN BORD REG.
04	17	59	01.6?	20.92	S	179.13	W	500	G	3.6	0.6	10	FIJI ISLANDS REGION
04	18	26	58.8?	30.28	S	178.35	W	300	G	3.8	0.7	14	KERMADEC ISLANDS, NEW ZEALAND
04	18	50	42.5*	51.244	N	179.839	W	60	*	3.8	0.8	14	ANDREANOF ISLANDS, ALEUTIAN IS.
04	19	02	07.6*	37.479	N	118.874	W	6				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
04	19	11	20.5*	51.233	N	179.729	W	66	*	3.7	0.7	12	ANDREANOF ISLANDS, ALEUTIAN IS.
04	19	12	48.0	51.276	N	179.795	W	64	*	4.0	0.8	30	ANDREANOF ISLANDS, ALEUTIAN IS.
04	19	44	47.2*	14.786	N	123.925	E	33	N	4.2	0.9	14	LUZON, PHILIPPINE ISLANDS
04	20	24	59.1*	44.001	N	147.267	E	33	N	3.8	0.8	12	KURIL ISLANDS
04	22	27	42.7*	46.968	N	144.736	E	400	G	3.6	0.9	17	SEA OF OKHOTSK
04	23	23	38.8	0.947	S	136.569	E	33	N	4.9	1.2	39	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:23:41.3; Lat 1.11 S; Lon 136.38 E; Dep 33.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.76, Plg=8, Azm=314; (N) Val=0.29, Plg=66, Azm=205; (P) Val=-5.05, Plg=22, Azm=47; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=89, Dip=69, Slip=-10; NP2: Strike=183, Dip=80, Slip=-158.
04	23	29	15.0*	39.349	N	95.040	E	33	N	4.0	1.1	13	GANSU, CHINA

04	23	33	46.8*	12.971	N	145.751	E	33	N	3.7	0.7	14	SOUTH OF MARIANA ISLANDS
05	00	33	58.0*	28.577	S	177.630	W	150	G	4.8	1.2	47	KERMADEC ISLANDS REGION
05	01	25	17.2*	34.354	N	139.235	E	33	N	3.9	0.9	11	NEAR S. COAST OF HONSHU, JAPAN
05	04	38	56.6?	12.80	N	88.37	W	70	G	4.0	1.0	22	OFF COAST OF CENTRAL AMERICA. MD 3.7 (SSS). Felt (II) at San Salvador, El Salvador.
05	06	17	14.5*	9.164	S	123.823	E	33	N	4.3	1.5	16	TIMOR REGION, INDONESIA
05	07	22	53.4*	63.270	N	150.933	W	12			12	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).	
05	08	13	39.0*	47.760	N	121.800	W	8			7	WASHINGTON. <SEA-P>. MD 2.8 (SEA).	
05	09	26	17.9*	63.270	N	150.978	W	25			13	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).	
05	11	06	23.0*	47.760	N	121.880	W	4			9	WASHINGTON. <SEA-P>. MD 3.0 (SEA). Felt.	
05	15	25	50.5*	6.739	S	154.901	E	33	N	4.5	1.4	21	SOLOMON ISLANDS
05	15	32	52.0?	23.42	S	70.31	W	33	N	4.4	1.0	11	NEAR COAST OF NORTHERN CHILE
05	20	42	17.4*	15.464	N	41.918	E	10	G	4.4	0.6	13	RED SEA
05	23	40	00.3*	7.124	S	154.850	E	33	N	4.4	0.9	11	SOLOMON ISLANDS
05	23	52	26.8*	7.179	S	155.220	E	33	N	4.3	0.8	15	SOLOMON ISLANDS
06	00	12	55.3*	57.884	N	139.143	W	10	G		12	OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).	
06	00	23	04.3	36.641	N	138.858	E	156		3.8	1.0	24	EASTERN HONSHU, JAPAN
06	00	57	26.3*	12.767	N	57.829	E	10	G	3.7	0.5	6	ARABIAN SEA
06	02	56	29.4*	44.243	N	8.225	E	10	G		0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
06	03	01	31.1*	44.243	N	8.216	E	10	G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
06	03	01	43.7?	34.04	N	138.12	E	277	*	3.4	1.0	11	NEAR S. COAST OF HONSHU, JAPAN
06	03	40	36.0*	60.846	N	149.882	W	42			11	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).	
06	03	49	28.4*	53.034	N	2.231	W	5	G		0.3	20	UNITED KINGDOM. ML 2.8 (BGS). Felt (IV) in the Stoke-on-Trent area.
06	04	03	48.3*	44.241	N	8.227	E	10	G		0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
06	04	05	53.2?	52.71	S	26.80	E	10	G	4.3	1.0	12	SOUTH OF AFRICA
06	04	46	28.4*	5.304	N	127.405	E	33	N	3.8	1.2	14	PHILIPPINE ISLANDS REGION
06	05	04	33.9*	6.899	S	75.121	W	105	?	4.0	0.7	8	NORTHERN PERU
06	05	18	24.0?	14.65	S	167.07	E	200	G	4.1	1.1	15	VANUATU ISLANDS
06	05	20	01.8*	44.239	N	8.247	E	10	G		0.3	6	NORTHERN ITALY. ML 1.9 (GEN).
06	05	21	19.0*	44.242	N	8.219	E	10	G		0.1	7	NORTHERN ITALY. ML 2.1 (GEN).
06	05	21	48.7*	44.245	N	8.222	E	10	G		0.3	6	NORTHERN ITALY. ML 1.7 (GEN).
06	05	23	48.2*	44.245	N	8.221	E	10	G		0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
06	05	40	49.0*	43.983	N	8.427	E	10	G		0.2	10	CORSICA. ML 2.5 (GEN).
06	05	41	53.2*	3.532	S	145.501	E	33	N	4.6	1.3	11	NEAR N COAST OF NEW GUINEA, PNG.
06	05	58	42.7*	44.238	N	8.247	E	10	G		0.2	8	NORTHERN ITALY. ML 2.2 (GEN).
06	06	11	04.3*	44.256	N	8.223	E	10	G		0.1	6	NORTHERN ITALY. ML 2.0 (GEN).
06	08	03	19.0*	21.085	N	145.541	E	33	N	3.9	0.4	8	MARIANA ISLANDS REGION
06	08	21	31.0	43.024	N	144.152	E	85	*	4.5	0.9	68	HOKKAIDO, JAPAN REGION
06	08	27	05.8*	40.458	N	23.188	E	10	G		0.9	12	GREECE
06	09	14	37.0?	11.81	N	125.82	E	33	N	4.1	1.4	11	SAMAR, PHILIPPINE ISLANDS
06	09	41	40.1*	41.213	S	86.296	W	10	G	4.7 5.1	1.3	42	WEST CHILE RISE. Mw 5.5 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 09:41:43.6; Lat 41.26 S; Lon 86.43 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.04, Plg=9, Azm=37; (N) Val=0.32, Plg=60, Azm=290; (P) Val=-2.36, Plg=28, Azm=132; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=171, Dip=63, Slip=-14; NP2: Strike=268, Dip=77, Slip=-152.													
06	10	18	11.0*	32.792	N	48.698	E	33	N	3.8	1.1	11	WESTERN IRAN
06	10	33	54.3?	24.49	S	179.61	E	500	G	3.9	1.3	13	SOUTH OF FIJI ISLANDS
06	11	15	06.5*	12.659	N	125.434	E	33	N	4.6	1.1	19	SAMAR, PHILIPPINE ISLANDS
06	11	32	40.8?	7.43	S	128.53	E	150	G	4.0	1.5	9	BANDA SEA
06	11	36	53.8*	44.243	N	8.233	E	10	G		0.2	9	NORTHERN ITALY. ML 2.1 (GEN).
06	12	02	05.2*	44.227	N	8.244	E	10	G		0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
06	12	11	30.0	24.628	S	178.755	E	561	D	5.0	0.8	121	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 12:11:34.4; Lat 24.85 S; Lon 178.97 E; Dep 575.4; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.85, Plg=18, Azm=223; (N) Val=0.35, Plg=51, Azm=109; (P) Val=-2.20, Plg=33, Azm=325; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=359, Dip=53, Slip=-12; NP2: Strike=97, Dip=80, Slip=-143.													
06	12	12	54.7*	44.235	N	8.230	E	10	G		0.3	8	NORTHERN ITALY. ML 2.0 (GEN).
06	12	32	43.3*	32.765	N	139.343	E	185	*	3.8	1.1	17	SOUTH OF HONSHU, JAPAN
06	12	38	05.3	3.607	S	145.569	E	33	N	4.5	1.3	26	NEAR N COAST OF NEW GUINEA, PNG.
06	13	02	03.7	2.655	N	125.704	E	95	*	4.6	0.9	40	TALAUD ISLANDS, INDONESIA
06	13	45	37.9*	27.561	N	139.964	E	477	D	3.6	0.7	15	BONIN ISLANDS REGION
06	15	21	58.8*	13.804	N	51.616	E	10	G	4.1	0.7	15	EASTERN GULF OF ADEN
06	15	24	00.6*	2.254	S	133.900	E	52	?	4.1	1.0	12	IRIAN JAYA REGION, INDONESIA
06	16	29	20.3*	37.645	N	4.616	W	10	G		0.6	21	SPAIN. mbLg 4.0 (MDD). Felt (III) in the Montilla area.
06	17	58	55.2*	6.692	S	143.074	E	33	N	4.3	1.4	15	NEW GUINEA, PAPUA NEW GUINEA
06	18	30	57.3	5.731	S	77.107	W	23	D	4.5	1.1	38	NORTHERN PERU. Felt (II) at Moyobamba and Rioja.
06	20	27	17.5*	11.865	N	86.505	W	77	*	4.2	1.0	25	NEAR COAST OF NICARAGUA
06	20	36	57.1?	9.09	S	121.67	E	100	G	3.9	1.6	12	SAVU SEA
06	20	58	26.7?	13.55	N	145.15	E	157		3.8	1.0	14	MARIANA ISLANDS
06	21	36	57.3?	44.49	N	7.36	E	5	G		0.9	10	NORTHERN ITALY. ML 1.6 (GEN).
06	22	26	05.3*	13.915	N	146.810	E	10	G	3.6	0.9	10	SOUTH OF MARIANA ISLANDS
06	22	29	35.4?	32.74	N	139.61	E	157	*	3.7	0.9	10	SOUTH OF HONSHU, JAPAN
07	00	06	59.8	3.450	S	142.876	E	33	N	4.6	1.3	27	NEAR N COAST OF NEW GUINEA, PNG.
07	00	52	57.3*	61.491	N	151.836	W	89			28	SOUTHERN ALASKA. <AEIC>.	
07	01	16	49.9	57.143	S	147.481	E	10	G	4.8	0.9	52	WEST OF MACQUARIE ISLAND
07	01	48	24.4*	61.452	N	149.949	W	34			32	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PMR).	
07	02	40	00.6?	1.70	S	138.94	E	33	N	4.0	1.4	9	NEAR NORTH COAST OF IRIAN JAYA
07	02	53	59.3*	13.009	N	89.200	W	33	N		0.4	11	EL SALVADOR. MD 3.2 (SSS). Felt (II) at San Salvador.
07	03	17	51.0*	47.760	N	121.850	W	4			7	WASHINGTON. <SEA-P>. MD 2.4 (SEA).	
07	03	58	30.0?	15.46	S	167.26	E	33	N	4.5	0.3	10	VANUATU ISLANDS
07	04	00	34.8*	34.499	N	139.496	E	33	N	3.9	1.6	29	NEAR S. COAST OF HONSHU, JAPAN
07	04	21	51.4?	37.78	N	21.19	E	77	?	3.3	1.2	9	SOUTHERN GREECE
07	04	29	17.7?	35.25	N	140.07	E	100	G	3.8	0.6	5	NEAR EAST COAST OF HONSHU, JAPAN
07	04	39	16.9*	47.766	N	121.851	W	5			21	WASHINGTON. <SEA-P>. MD 2.7 (SEA). Felt.	
07	05	32	34.0*	22.103	S	11.658	W	10	G	4.4	0.9	20	SOUTHERN MID-ATLANTIC RIDGE
07	05	43	06.2*	59.850	N	153.691	W	136			91	SOUTHERN ALASKA. <AEIC>.	

08	02	38	11.0*	23.344	S	179.898	W	600	G	4.4	1.1	27	SOUTH OF FIJI ISLANDS	
08	03	05	37.4*	27.727	N	60.255	E	33	N	3.8	0.9	20	SOUTHERN IRAN	
08	04	09	46.6*	28.219	N	113.175	W	10	G	3.5	1.0	20	BAJA CALIFORNIA, MEXICO	
08	04	25	51.8	34.954	N	140.343	E	90	D	4.4	1.0	62	NEAR EAST COAST OF HONSHU, JAPAN	
08	04	47	56.3*	1.62	N	126.81	E	77	*	3.8	1.0	9	NORTHERN MOLUCCA SEA	
08	05	19	13.6*	2.643	S	79.137	W	33	N	3.8	1.0	9	NEAR COAST OF ECUADOR	
08	05	39	21.5*	11.20	S	112.78	E	33	N	3.5	1.4	7	SOUTH OF JAWA, INDONESIA	
08	06	00	05.6*	54.488	N	82.492	E	10	G	3.8	0.9	5	SOUTHWESTERN SIBERIA, RUSSIA	
08	06	27	23.4*	34.396	N	116.466	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS).	
08	06	27	42.2*	34.395	N	116.466	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.9 (PAS).	
08	06	57	06.6*	14.754	N	92.448	W	61	?	4.2	1.0	20	NEAR COAST OF CHIAPAS, MEXICO	
08	07	35	23.9	52.072	N	169.303	W	33	N	4.0	1.2	24	FOX ISLANDS, ALEUTIAN ISLANDS	
08	07	49	51.8	41.465	N	119.184	W	10	G		0.7	16	NEVADA. ML 3.8 (BRK). MD 3.4 (GM).	
08	08	50	24.5*	2.206	S	134.182	E	33	N	4.2	0.9	9	IRIAN JAYA REGION, INDONESIA	
08	08	57	15.2	7.101	S	155.212	E	33	N	4.4	1.0	29	SOLOMON ISLANDS	
08	09	00	53.7*	5.700	S	77.603	W	33	N	4.0	0.7	9	NORTHERN PERU	
08	09	39	35.3	28.621	S	68.791	W	100	G	4.1	0.8	23	LA RIOJA PROVINCE, ARGENTINA	
08	10	00	36.8	51.646	N	173.224	W	33	N	4.4	1.1	87	ANDREANOF ISLANDS, ALEUTIAN IS.	
08	10	34	41.2*	39.018	S	177.652	E	33	N	4.7	1.2	14	OFF E. COAST OF N. ISLAND, N.Z.	
08	10	43	49.2*	44.768	N	112.700	W	10				11	EASTERN IDAHO. <BUT-P>. ML 3.1 (BUT).	
08	12	03	52.9*	16.417	S	173.985	W	33	N	4.6	0.9	32	TONGA ISLANDS	
08	12	14	52.0*	51.682	N	173.233	W	33	N	3.7	1.0	13	ANDREANOF ISLANDS, ALEUTIAN IS.	
08	12	20	20.6*	37.591	N	118.863	W	8				37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).	
08	12	31	51.0*	35.015	N	72.588	E	33	N	4.1	1.0	14	PAKISTAN	
08	13	19	04.1	23.293	S	69.840	W	54	D	4.4	0.9	23	NORTHERN CHILE	
08	13	27	52.1*	2.629	S	77.653	W	33	N	4.3	0.8	29	PERU-ECUADOR BORDER REGION	
08	13	32	17.1*	16.61	N	99.86	W	33	N	4.1	1.2	20	NEAR COAST OF GUERRERO, MEXICO	
08	15	23	46.6*	17.12	S	178.79	W	500	G	3.9	1.4	20	FIJI ISLANDS REGION	
08	15	24	44.6*	37.520	S	77.933	E	10	G	4.5	0.6	17	MID-INDIAN RIDGE	
08	17	32	41.2*	6.920	S	107.685	E	160	*	3.8	1.3	19	JAWA, INDONESIA	
08	18	09	58.7*	36.619	N	139.456	E	10	G		0.6	5	EASTERN HONSHU, JAPAN	
08	18	25	58.4*	5.68	S	148.31	E	33	N	4.2	1.4	11	NEW BRITAIN REGION, P.N.G.	
08	19	52	24.8*	46.393	N	2.359	E	10	G		0.3	7	FRANCE. ML 1.9 (LDG).	
08	20	36	15.6	35.997	N	23.400	E	24	*	3.9	1.1	44	CRETE	
08	20	56	11.9*	29.108	N	129.870	E	68		3.8	1.2	21	RYUKYU ISLANDS	
08	23	08	25.7*	33.010	S	70.739	W	10	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).	
08	23	09	19.1*	43.494	N	28.440	W	10	G		0.2	6	NORTHERN MID-ATLANTIC RIDGE	
08	23	19	13.3*	45.67	N	149.42	E	33	N	3.9	1.1	10	KURIL ISLANDS	
09	00	35	51.6*	6.066	S	154.809	E	33	N	3.8	0.4	7	SOLOMON ISLANDS	
09	00	42	14.8*	6.834	S	148.115	E	33	N	4.6	4.6	1.1	24	NEW BRITAIN REGION, P.N.G.
09	00	50	38.6	4.636	N	73.058	W	45	D	4.7	0.9	67	COLOMBIA	
09	01	01	00.7*	43.277	N	8.145	E	15	G		0.1	5	CORSICA	
09	01	16	59.6*	63.220	N	150.960	W	17				50	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).	
09	01	44	33.4	47.102	N	9.978	E	10	G		1.4	11	GERMANY. ML 2.9 (VIE), 2.5 (FUR), 2.5 (GRF).	
09	02	18	22.1*	0.615	S	77.060	W	33	N	4.1	1.6	15	ECUADOR	
09	03	08	24.3*	51.628	N	175.064	W	33	N	3.6	0.9	8	ANDREANOF ISLANDS, ALEUTIAN IS.	
09	03	52	41.6*	34.409	N	23.833	E	33	N	3.9	1.7	17	CRETE	
09	04	32	17.5*	1.426	S	127.355	E	33	N	4.1	1.4	7	HALMAHERA, INDONESIA	
09	04	36	03.7	32.611	S	179.384	W	77	D	5.4	5.0	1.1	130	SOUTH OF KERMADEC ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 83; Principal axes (scale 10**17 Nm): (T) Val=-5.67, Plg=38, Azm=80; (N) Val=-0.59, Plg=39, Azm=210; (P) Val=-5.08, Plg=28, Azm=326; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=108, Dip=40, Slip=170; NP2: Strike=205, Dip=84, Slip=50. Centroid, Moment Tensor (HRV): Centroid origin time 04:36:07.8; Lat 32.63 S; Lon 179.40 W; Dep 89.5; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.20, Plg=51, Azm=97; (N) Val=-0.49, Plg=19, Azm=213; (P) Val=-4.71, Plg=33, Azm=316; Best double couple: Mo=4.9*10**17 Nm; NP1: Strike=95, Dip=22, Slip=154; NP2: Strike=209, Dip=81, Slip=70.
09	05	08	51.6*	37.502	N	71.975	E	84	?	3.6	0.9	10	AFGHANISTAN-TAJIKISTAN BORD REG.	
09	05	13	56.3*	8.63	S	147.35	E	113	*	4.1	1.6	13	EASTERN NEW GUINEA REG., P.N.G.	
09	05	21	41.8*	38.222	N	39.530	E	33	N	3.7	1.7	6	TURKEY	
09	05	25	18.1	51.440	N	151.178	E	500	G	3.6	0.5	26	SEA OF OKHOTSK	
09	06	26	50.6*	63.220	N	150.870	W	19				59	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).	
09	06	42	35.6*	31.529	N	140.014	E	62	?	3.9	0.9	16	SOUTH OF HONSHU, JAPAN	
09	07	44	46.8*	40.676	N	48.697	E	33	N	3.6	1.6	9	EASTERN CAUCASUS	
09	08	19	13.1*	13.240	N	121.303	E	33	N	4.0	0.6	11	MINDORO, PHILIPPINE ISLANDS	
09	08	25	45.0*	32.844	N	76.334	E	60	?	4.0	0.7	18	KASHMIR-INDIA BORDER REGION	
09	08	26	38.9	42.438	N	19.417	E	10	G		1.0	33	NORTHWESTERN BALKAN REGION. MG 3.3 (SKO). Felt (V) in the epicentral area and (IV) at Podgorica, Yugoslavia.	
09	10	28	15.4*	65.030	N	148.820	W	22				30	NORTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).	
09	10	58	42.5	40.619	N	48.384	E	33	N	4.2	1.0	39	EASTERN CAUCASUS	
09	11	36	51.4*	22.93	N	121.23	E	33	N	4.4	0.5	12	TAIWAN REGION	
09	11	44	56.0	1.205	N	123.009	E	44	?	4.6	4.5	1.2	42	MINAHASSA PENINSULA, SULAWESI
09	11	58	46.0*	50.91	N	177.18	E	33	N	3.6	1.4	9	RAT ISLANDS, ALEUTIAN ISLANDS	
09	12	05	16.0	35.830	N	140.184	E	80	*	4.0	1.0	19	NEAR EAST COAST OF HONSHU, JAPAN	
09	13	01	13.2*	44.388	N	7.421	E	10	G		0.2	9	NORTHERN ITALY. ML 2.1 (GEN).	
09	13	29	05.9*	47.435	N	13.502	E	10	G		0.2	5	AUSTRIA. ML 2.0 (VIE).	
09	14	39	31.7*	34.945	N	116.882	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS).	
09	14	43	07.4*	65.330	S	179.762	E	10	G	4.4	1.1	13	BALLENY ISLANDS REGION	
09	14	57	53.5	36.274	N	141.786	E	33	N	4.3	1.0	46	NEAR EAST COAST OF HONSHU, JAPAN	
09	15	04	16.1*	24.389	S	176.944	W	200	G	4.3	1.2	22	SOUTH OF FIJI ISLANDS	
09	15	09	14.2*	71.691	N	2.619	W	10	G	3.8	1.3	10	JAN MAYEN ISLAND REGION	
09	15	47	38.1*	11.000	S	114.025	E	33	N	4.3	1.2	19	SOUTH OF BALI, INDONESIA	
09	16	44	26.6	15.940	S	74.803	W	33	N	4.7	1.0	47	NEAR COAST OF PERU	
09	17	09	29.7	2.756	S	141.120	E	33	N	4.5	1.0	27	NEAR N COAST OF NEW GUINEA, PNG.	
09	17	51	56.7	52.221	N	168.955	W	33	N	4.7	1.1	109	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt (III) at Nikolski.	
09	18	56	44.8*	20.752	S	178.981	W	619	?	4.3	0.8	54	FIJI ISLANDS REGION	
09	19	10	56.0*	33.455	N	116.423	W	6				23	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). Felt.	
09	19	11	34.4*	5.734	N	125.759	E	126	*	4.3	0.9	24	MINDANAO, PHILIPPINE ISLANDS	

09	19	30	24.7*	36.227	N	141.946	E	33	N	3.9	1.1	14	NEAR EAST COAST OF HONSHU, JAPAN	
09	19	43	39.3	51.632	N	16.244	E	5	G		1.1	13	POLAND. ML 2.8 (MOX).	
09	19	52	37.2*	16.59	S	75.24	W	33	N	3.5	1.1	5	OFF COAST OF PERU	
09	20	08	30.8	34.252	N	26.531	E	33	N	4.1	1.3	76	CRETE	
09	20	30	32.7*	26.030	S	68.945	W	184	*	3.9	1.4	15	CHILE-ARGENTINA BORDER REGION	
09	21	54	15.1	19.012	N	104.399	W	33	N	4.9	4.5	1.0	127	NEAR COAST OF JALISCO, MEXICO. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:54:20.9; Lat 18.83 N; Lon 104.18 W; Dep 15.0 Fix; Half- duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=0.89, Plg=69, Azm=92; (N) Val=0.19, Plg=18, Azm=306; (P) Val=-1.08, Plg=11, Azm=213; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=281, Dip=37, Slip=60; NP2: Strike=137, Dip=58, Slip=111.
09	23	53	45.0*	32.44	S	70.06	W	120	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).	
10	00	00	48.9*	28.534	N	130.037	E	33	N	3.6	1.6	6	RYUKYU ISLANDS	
10	00	33	20.9*	14.840	N	92.867	W	150	G	4.1	1.1	21	NEAR COAST OF CHIAPAS, MEXICO	
10	00	50	22.8*	62.138	N	149.750	W	45				96	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.7 (PMR). Felt (II) at Talkeetna.	
10	01	16	10.2*	21.94	S	66.79	W	200	G	3.5	0.9	7	SOUTHERN BOLIVIA	
10	01	34	28.0*	19.065	N	108.769	W	10	G	3.8	0.8	22	REVILLA GIGEDO ISLANDS REGION	
10	02	10	30.6	36.271	N	141.807	E	33	N	4.7	4.7	0.9	84	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:10:34.0; Lat 36.57 N; Lon 142.02 E; Dep 27.9; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.40, Plg=57, Azm=331; (N) Val=0.22, Plg=18, Azm=210; (P) Val=-7.62, Plg=27, Azm=110; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=163, Dip=25, Slip=41; NP2: Strike=36, Dip=74, Slip=109.
10	02	11	24.1	36.193	N	141.814	E	33	N	4.8	0.8	48	NEAR EAST COAST OF HONSHU, JAPAN	
10	02	15	31.2	36.190	N	141.892	E	33	N	4.2	1.4	35	NEAR EAST COAST OF HONSHU, JAPAN	
10	02	20	10.3*	36.377	N	141.788	E	33	N	3.8	1.5	13	NEAR EAST COAST OF HONSHU, JAPAN	
10	02	39	47.1*	36.246	N	142.164	E	33	N	3.5	1.3	8	OFF EAST COAST OF HONSHU, JAPAN	
10	02	45	28.0*	36.420	N	141.923	E	33	N	3.9	1.2	11	NEAR EAST COAST OF HONSHU, JAPAN	
10	03	06	31.0*	26.288	N	128.512	E	31	D	3.7	1.5	12	RYUKYU ISLANDS	
10	03	28	01.0	1.382	N	126.454	E	76	*	4.8	1.1	51	NORTHERN MOLUCCA SEA	
10	04	26	49.6	30.010	N	88.072	E	33	N	4.5	0.9	40	XIZANG	
10	04	27	03.3*	36.188	N	141.975	E	33	N	3.7	1.1	15	NEAR EAST COAST OF HONSHU, JAPAN	
10	04	33	05.4*	52.444	N	30.472	W	10	G	3.5	1.0	8	NORTHERN MID-ATLANTIC RIDGE	
10	04	35	28.2	2.591	S	77.649	W	33	N	4.4	1.0	33	PERU-ECUADOR BORDER REGION	
10	05	10	06.3*	37.871	N	72.152	E	100	G	4.1	1.2	14	TAJIKISTAN	
10	05	10	07.6*	23.899	S	66.988	W	200	G	3.6	1.0	7	JUJUY PROVINCE, ARGENTINA	
10	06	41	08.6*	47.765	N	121.882	W	6				64	WASHINGTON. <SEA-P>. MD 2.7 (SEA).	
10	06	57	56.9*	24.322	N	126.657	E	33	N	4.1	0.5	11	RYUKYU ISLANDS	
10	07	27	56.9*	62.140	N	149.750	W	46		4.5	4.5	174	CENTRAL ALASKA. <AEIC>. ML 4.6 (AEIC), 4.7 (PMR). Felt (IV) at Chickaloon, Houston, Palmer and Talkeetna; (III) at Anchorage and Chugiak; (II) at Valdez.	
10	08	23	44.5	17.739	S	175.121	W	232	D	4.1	0.9	37	TONGA ISLANDS	
10	08	29	15.2*	11.320	S	111.692	E	33	N	4.1	1.5	12	SOUTH OF JAVA, INDONESIA	
10	08	29	43.3*	62.142	N	149.743	W	49				51	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).	
10	09	07	01.8	30.001	N	88.069	E	33	N	4.8	4.2	0.8	64	XIZANG
10	09	10	13.3*	30.117	N	88.248	E	33	N	4.1	0.6	14	XIZANG	
10	09	23	01.3*	1.01	N	126.91	E	33	N	3.9	1.0	7	NORTHERN MOLUCCA SEA	
10	09	25	50.6*	62.142	N	149.736	W	48				56	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.5 (PMR).	
10	09	40	24.8*	11.85	N	86.86	W	33	N	3.5	1.2	6	NEAR COAST OF NICARAGUA	
10	10	19	38.3	14.009	S	74.467	W	101	D	5.4	0.9	188	CENTRAL PERU. Mw 5.5 (HRV). Felt (V) at Huanca Sancos, (IV) at Nazca, Palpa and Puquio, (III) at Coracora and (II) at Ica. Centroid, Moment Tensor (HRV): Centroid origin time 10:19:42.6; Lat 13.99 S; Lon 74.31 W; Dep 110.0; Half- duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.79, Plg=13, Azm=64; (N) Val=0.24, Plg=2, Azm=333; (P) Val=-2.03, Plg=77, Azm=233; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=157, Dip=32, Slip=-85; NP2: Strike=331, Dip=58, Slip=-93.	
10	11	26	04.0*	41.868	N	88.234	E	22	D	3.8	1.1	14	SOUTHERN XINJIANG, CHINA	
10	11	41	46.8*	28.939	N	139.039	E	476	?	3.7	0.9	25	BONIN ISLANDS REGION	
10	12	23	58.0*	36.77	N	3.83	W	10	G		0.4	4	STRAIT OF GIBALTAR. mblg 2.5 (MDD).	
10	14	58	09.7*	33.466	S	70.113	W	120	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).	
10	15	11	28.2*	7.441	N	74.515	W	72	D	4.1	0.9	11	NORTHERN COLOMBIA	
10	15	23	00.3	30.862	N	50.166	E	33	N	4.3	0.9	28	NORTHERN IRAN	
10	15	32	03.0*	34.078	S	70.494	W	10	G		1.0	5	CHILE-ARGENTINA BORDER REGION	
10	15	40	48.9*	22.036	N	142.978	E	266	?	3.8	1.2	21	VOLCANO ISLANDS REGION	
10	16	01	30.5*	61.784	S	160.830	E	10	G	4.4	1.4	23	BALLENY ISLANDS REGION	
10	16	30	53.3*	43.894	N	7.940	E	5	G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).	
10	16	36	54.4*	20.324	S	178.361	W	493	?	4.3	1.1	52	FIJI ISLANDS REGION	
10	16	41	29.9*	3.773	N	126.124	E	107	?	4.3	1.2	18	TALAUD ISLANDS, INDONESIA	
10	17	22	48.6	33.409	S	70.096	W	102	D	4.5	0.8	48	CHILE-ARGENTINA BORDER REGION. MD 4.6 (SAN). Felt (IV) at Santiago, (III) at Rancagua and (II) at Valparaiso, Chile.	
10	18	15	33.3*	36.410	N	141.629	E	55	*	3.9	1.1	25	NEAR EAST COAST OF HONSHU, JAPAN	
10	19	03	59.3	25.999	N	128.625	E	24		3.5	0.6	13	RYUKYU ISLANDS	
10	19	53	38.6*	6.994	S	155.644	E	33	N	4.1	0.6	14	SOLOMON ISLANDS	
10	21	34	57.6*	30.133	N	88.314	E	33	N	4.0	1.0	9	XIZANG	
10	21	35	52.7*	63.193	N	150.584	W	126		2.9		40	CENTRAL ALASKA. <AEIC>.	
10	22	05	57.7*	14.87	S	173.42	W	33	N	4.2	0.7	10	SAMOA ISLANDS REGION	
10	22	17	36.6	36.212	N	141.844	E	33	N	4.6	4.2	1.0	59	NEAR EAST COAST OF HONSHU, JAPAN
11	01	04	47.4	21.850	N	142.997	E	298	D	4.1	0.9	49	MARIANA ISLANDS REGION	
11	01	28	02.7*	61.743	N	152.070	W	114				26	SOUTHERN ALASKA. <AEIC>.	
11	01	37	59.5*	24.287	S	67.135	W	185	G	3.7	0.7	5	CHILE-ARGENTINA BORDER REGION	
11	02	12	05.7*	60.081	N	152.611	W	102		2.5		32	SOUTHERN ALASKA. <AEIC>.	
11	02	18	45.6	19.314	N	64.957	W	36	D	5.0	4.6	1.0	182	VIRGIN ISLANDS. Mw 5.1 (HRV). Felt in the Virgin Islands and on Puerto Rico. Centroid, Moment Tensor (HRV): Centroid origin time 02:18:46.4; Lat 19.54 N; Lon 65.41 W; Dep 27.2; Half-

duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=-4.55, Plg=60, Azm=137; (N) Val=-1.98, Plg=26, Azm=285; (P) Val=-6.52, Plg=14, Azm=22; Best double couple: Mo=5.5*10**16 Nm; NP1: Strike=143, Dip=39, Slip=134; NP2: Strike=271, Dip=63, Slip=61.

11 02 57 26.0* 55.580 S 27.914 W 100 G 4.6 1.3 31 SOUTH SANDWICH ISLANDS REGION
 11 03 46 01.7? 11.72 S 166.06 E 33 N 4.1 0.5 7 SANTA CRUZ ISLANDS
 11 03 53 40.8 52.375 N 30.046 W 10 G 4.0 3.4 1.1 32 NORTHERN MID-ATLANTIC RIDGE
 11 03 58 50.2 29.984 N 88.077 E 33 N 4.8 3.9 1.0 95 XIZANG
 11 04 30 17.9 54.975 N 160.373 E 105 D 4.1 0.8 40 NEAR EAST COAST OF KAMCHATKA
 11 04 38 40.0 80.578 N 2.271 W 29 D 5.4 5.5 0.9 237 NORTH OF SVALBARD. Mw 5.7 (HRV), 5.6 (GS). Me 5.5 (GS). Broadband Source Parameters (GS): Dep 6; Radiated energy 4.4*10**12 Nm.
 Moment Tensor (GS): Dep 4; Principal axes (scale 10**17 Nm): (T) Val=-2.87, Plg=8, Azm=283; (N) Val=-0.01, Plg=1, Azm=13; (P) Val=-2.85, Plg=82, Azm=111; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=12, Dip=37, Slip=92; NP2: Strike=194, Dip=53, Slip=89.
 Centroid, Moment Tensor (HRV): Centroid origin time 04:38:41.2; Lat 80.31 N; Lon 3.88 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=-3.98, Plg=22, Azm=99; (N) Val=-0.72, Plg=9, Azm=5; (P) Val=-3.26, Plg=66, Azm=254; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=206, Dip=24, Slip=67; NP2: Strike=1, Dip=68, Slip=100.

11 04 47 43.7? 18.78 S 175.10 W 200 G 4.0 1.2 17 TONGA ISLANDS
 11 04 48 32.2 30.156 N 88.111 E 33 N 4.3 0.8 24 XIZANG
 11 05 09 31.5& 59.910 N 151.534 W 36 3.8 43 KENAI PENINSULA, ALASKA. <AEIC>. ML 4.0 (AEIC), 3.9 (PMR). Felt at Homer and Ninilchik.

11 05 10 37.1* 41.353 N 139.910 E 33 N 3.8 1.0 10 HOKKAIDO, JAPAN REGION
 11 06 45 31.3? 31.10 S 13.37 W 10 G 4.3 1.1 7 SOUTHERN MID-ATLANTIC RIDGE
 11 07 27 11.2 29.965 N 88.087 E 33 N 4.3 1.0 31 XIZANG
 11 07 34 08.7& 60.144 N 153.626 W 160 84 SOUTHERN ALASKA. <AEIC>.
 11 07 35 25.4* 34.717 N 141.119 E 51 * 4.0 0.8 13 OFF EAST COAST OF HONSHU, JAPAN
 11 07 57 37.1 22.800 N 94.765 E 128 D 4.3 0.9 39 MYANMAR
 11 08 26 14.4* 5.603 S 68.243 E 10 G 4.5 1.2 41 CHAGOS ARCHIPELAGO REGION
 11 08 28 31.7 0.682 S 135.265 E 57 * 4.9 1.1 60 IRIAN JAYA REGION, INDONESIA
 11 08 55 00.4? 36.93 N 6.97 W 33 N 1.1 8 STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
 11 09 35 06.3 3.313 S 135.856 E 24 5.4 5.7 1.0 115 IRIAN JAYA REGION, INDONESIA. Mw 5.8 (GS), 5.8 (HRV).
 Moment Tensor (GS): Dep 15; Principal axes (scale 10**17 Nm): (T) Val=-6.92, Plg=14, Azm=273; (N) Val=-1.12, Plg=76, Azm=92; (P) Val=-5.81, Plg=0, Azm=183; Best double couple: Mo=6.4*10**17 Nm; NP1: Strike=317, Dip=80, Slip=170; NP2: Strike=49, Dip=80, Slip=10.
 Centroid, Moment Tensor (HRV): Centroid origin time 09:35:08.9; Lat 3.36 S; Lon 136.08 E; Dep 15.0 Fix; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=-7.08, Plg=19, Azm=249; (N) Val=-1.49, Plg=70, Azm=77; (P) Val=-5.59, Plg=3, Azm=340; Best double couple: Mo=6.3*10**17 Nm; NP1: Strike=26, Dip=75, Slip=12; NP2: Strike=293, Dip=78, Slip=164.

11 10 32 48.0* 42.825 N 78.662 E 33 N 4.1 1.6 30 LAKE ISSYK-KUL REGION. Felt (III) at Almaty, Kazakhstan.
 11 10 42 01.8? 3.30 S 136.04 E 33 N 4.0 0.8 8 IRIAN JAYA, INDONESIA
 11 10 54 34.7* 10.215 S 108.146 E 33 N 4.2 1.2 25 SOUTH OF JAWA, INDONESIA
 11 11 19 46.3% 34.140 S 70.569 W 100 G 0.1 10 CHILE-ARGENTINA BORDER REGION. MD 2.8 (SAN).
 11 11 32 06.3* 5.694 S 145.932 E 132 4.0 0.8 11 EASTERN NEW GUINEA REG., P.N.G.
 11 12 18 52.2& 59.284 N 152.702 W 67 58 SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
 11 12 49 07.1% 34.023 S 70.858 W 80 G 0.6 9 CHILE-ARGENTINA BORDER REGION
 11 13 11 00.1? 34.20 S 70.39 W 10 G 0.5 6 CHILE-ARGENTINA BORDER REGION
 11 13 14 01.3 6.973 S 154.571 E 33 N 4.3 0.7 22 SOLOMON ISLANDS
 11 13 40 17.8? 36.46 N 141.43 E 33 N 1.1 6 NEAR EAST COAST OF HONSHU, JAPAN
 11 13 43 45.0 6.605 S 155.038 E 33 N 5.7 6.3 0.9 267 SOLOMON ISLANDS. Mw 6.3 (HRV), 6.2 (GS). Me 5.6 (GS). Broadband Source Parameters (GS): Dep 32; NP1: Strike=335, Dip=30, Slip=100; NP2: Strike=143, Dip=61, Slip=84; Radiated energy 6.3*10**12 Nm.
 Moment Tensor (GS): Dep 33; Principal axes (scale 10**18 Nm): (T) Val=-2.67, Plg=85, Azm=125; (N) Val=-0.05, Plg=5, Azm=306; (P) Val=-2.62, Plg=0, Azm=216; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=301, Dip=45, Slip=83; NP2: Strike=131, Dip=45, Slip=97.
 Centroid, Moment Tensor (HRV): Centroid origin time 13:43:52.6; Lat 6.93 S; Lon 155.08 E; Dep 37.0 Bdy; Half-duration 3.6 sec; Principal axes (scale 10**18 Nm): (T) Val=-3.40, Plg=77, Azm=48; (N) Val=0.01, Plg=2, Azm=309; (P) Val=-3.42, Plg=13, Azm=219; Best double couple: Mo=3.4*10**18 Nm; NP1: Strike=306, Dip=32, Slip=86; NP2: Strike=131, Dip=58, Slip=92.
 Scalar Moment (PPT): Mo=1.6*10**18 Nm.

11 14 14 03.6* 7.070 S 155.649 E 33 N 4.0 1.4 16 SOLOMON ISLANDS
 11 15 20 40.6? 2.96 S 136.76 E 100 ? 4.2 1.2 16 IRIAN JAYA REGION, INDONESIA
 11 15 33 52.8% 32.628 S 70.394 W 100 G 0.4 10 CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
 11 15 57 40.8* 10.391 S 79.777 W 33 N 4.6 1.0 35 OFF COAST OF PERU
 11 16 16 29.4* 6.997 S 154.778 E 33 N 4.2 0.9 19 SOLOMON ISLANDS
 11 16 20 32.4 36.224 N 141.920 E 33 N 3.8 0.9 28 NEAR EAST COAST OF HONSHU, JAPAN
 11 16 29 25.3 7.146 S 154.859 E 33 N 5.1 5.3 1.1 107 SOLOMON ISLANDS. Mw 5.6 (HRV).
 Centroid, Moment Tensor (HRV): Centroid origin time 16:29:27.5; Lat 7.10 S; Lon 154.80 E; Dep 29.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-3.00, Plg=59, Azm=9; (N) Val=-0.18, Plg=15, Azm=124; (P) Val=-2.83, Plg=27, Azm=221; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=343, Dip=22, Slip=131; NP2: Strike=119, Dip=74, Slip=75.

11 16 41 45.2 52.134 N 30.101 W 10 G 4.6 4.0 0.9 107 NORTHERN MID-ATLANTIC RIDGE

11	17	09	45.4	20.516	N	95.033	E	111	4.4	0.7	56	MYANMAR	
11	17	10	42.6?	7.16	S	155.04	E	33	N	3.9	1.1	8	SOLOMON ISLANDS
11	17	11	33.2	44.313	N	7.363	E	10	G		0.6	11	NORTHERN ITALY. ML 2.2 (GEN), 1.7 (LDG).
11	17	25	19.8	7.150	S	154.855	E	33	N	4.7	1.1	52	SOLOMON ISLANDS
11	17	33	30.2?	7.28	S	155.17	E	33	N	3.8	0.6	6	SOLOMON ISLANDS
11	17	48	53.1?	7.05	S	155.05	E	33	N	3.7	1.0	5	SOLOMON ISLANDS
11	18	06	02.1*	7.228	S	154.796	E	33	N	4.1	1.5	14	SOLOMON ISLANDS
11	18	09	40.9*	7.063	S	154.667	E	66	?	4.4	1.4	31	SOLOMON ISLANDS
11	18	33	01.4*	7.209	S	154.844	E	33	N	4.4	1.1	22	SOLOMON ISLANDS
11	18	33	56.2*	6.974	S	154.599	E	33	N	4.6	1.2	19	SOLOMON ISLANDS
11	18	46	28.4*	7.180	S	154.888	E	33	N	4.0	1.0	11	SOLOMON ISLANDS
11	18	48	05.7*	7.133	S	154.848	E	33	N	4.0	0.8	12	SOLOMON ISLANDS
11	19	13	20.1?	7.19	S	154.81	E	33	N	4.0	1.4	12	SOLOMON ISLANDS
11	19	14	55.9*	7.080	S	154.687	E	33	N	4.3	1.1	17	SOLOMON ISLANDS
11	19	15	58.2	0.257	N	125.753	E	82	?	4.5	0.9	26	NORTHERN MOLUCCA SEA
11	19	26	05.3	53.884	N	158.669	E	142	?	4.2	0.9	43	NEAR EAST COAST OF KAMCHATKA
11	19	31	47.4?	36.37	N	141.50	E	10	G		1.1	6	NEAR EAST COAST OF HONSHU, JAPAN
11	19	46	21.1	42.631	N	143.671	E	101	*	3.9	0.9	33	HOKKAIDO, JAPAN REGION
11	20	40	02.0*	33.209	S	70.623	W	80	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
11	20	43	39.3?	16.71	N	96.25	W	33	N	3.9	1.3	10	OAXACA, MEXICO
11	21	08	08.3*	11.380	S	119.735	E	33	N	3.8	1.8	8	SOUTH OF SUMBA, INDONESIA
11	21	26	39.4	37.511	S	50.922	E	10	G	5.1 4.2	0.9	65	SOUTHWEST INDIAN RIDGE. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:26:45.0; Lat 37.26 S; Lon 50.78 E; Dep 15.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=-4.58, Plg=0, Azm=193; (N) Val=-1.19, Plg=0, Azm=103; (P) Val=-3.40, Plg=90, Azm=180; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=283, Dip=45, Slip=90; NP2: Strike=103, Dip=45, Slip=90.
11	21	43	24.3*	7.184	S	154.984	E	33	N	3.8	1.0	11	SOLOMON ISLANDS
11	21	47	39.9	34.441	S	70.390	W	5	G	4.2	1.1	16	CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
11	22	41	20.7*	38.406	N	118.332	W	4			1.3	13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
11	23	44	43.1?	35.82	N	143.20	E	33	N	3.9	1.5	5	OFF EAST COAST OF HONSHU, JAPAN
11	23	45	43.5	44.983	N	149.008	E	33	N	4.5	0.9	53	KURIL ISLANDS
12	01	00	38.4*	43.671	N	86.957	E	33	N	3.7	1.5	14	NORTHERN XINJIANG, CHINA
12	01	35	34.0*	33.992	S	70.079	W	10	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
12	01	47	38.5*	6.185	S	152.373	E	33	N	4.0	0.6	8	NEW BRITAIN REGION, P.N.G.
12	02	22	38.2	71.146	N	6.444	W	10	G	3.8	1.1	18	JAN MAYEN ISLAND REGION
12	02	35	11.3	36.926	N	71.580	E	130	*	4.0	0.9	24	AFGHANISTAN-TAJIKISTAN BORD REG.
12	02	58	05.0	0.542	S	80.410	E	10	G	4.2	0.9	28	SOUTH INDIAN OCEAN
12	04	36	11.9*	47.766	N	121.881	W	4			9	WASHINGTON. <SEA-P>. MD 2.7 (SEA).	
12	04	51	45.8*	60.105	N	153.654	W	157			36	SOUTHERN ALASKA. <AEIC>.	
12	04	52	10.8	18.480	N	63.840	W	33	N	4.7	0.8	91	LEEWARD ISLANDS. Felt (IV) on St. Barthelemy, St. Martin and Tortola.
12	05	11	16.0*	36.784	N	4.584	W	33	N		0.9	12	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
12	06	20	20.6?	35.63	S	103.63	W	10	G	4.1	1.1	14	SOUTHERN PACIFIC OCEAN
12	06	21	35.4*	17.383	S	175.230	W	33	N	4.7	1.2	50	TONGA ISLANDS
12	06	42	13.5	0.297	N	124.592	E	112		4.4	0.8	27	MINAHASSA PENINSULA, SULAWESI
12	06	48	43.7*	3.092	S	130.227	E	33	N	4.3	1.4	9	SERAM, INDONESIA
12	07	17	56.1*	0.300	N	122.602	E	33	N	3.5	0.8	5	MINAHASSA PENINSULA, SULAWESI
12	07	55	49.1*	38.542	N	139.076	E	33	N		0.9	5	NEAR WEST COAST OF HONSHU, JAPAN
12	08	39	29.9*	36.177	N	45.666	E	33	N	3.5	0.6	9	IRAN-IRAQ BORDER REGION
12	08	48	15.2*	7.012	S	156.487	E	33	N	3.6	1.3	11	SOLOMON ISLANDS
12	09	33	27.9*	3.024	S	129.693	E	26	*	4.4	1.3	18	SERAM, INDONESIA
12	10	25	29.9*	44.157	N	6.792	E	10	G		0.1	6	FRANCE
12	10	29	26.7	19.094	N	121.280	E	33	N	4.6	1.1	49	PHILIPPINE ISLANDS REGION. Felt (II RF) at Pasuquin.
12	10	29	57.7?	44.22	N	143.20	E	197	?	3.7	1.2	11	HOKKAIDO, JAPAN REGION
12	11	02	58.8*	44.356	N	11.028	E	33	N		1.3	19	NORTHERN ITALY. ML 2.7 (LDG).
12	12	41	45.4*	11.116	N	62.122	W	33	N	4.2	1.4	29	WINDWARD ISLANDS
12	12	51	53.0*	47.750	N	121.830	W	6			73	WASHINGTON. <SEA-P>. MD 2.8 (SEA).	
12	13	22	16.7?	34.86	S	71.05	W	90	G		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
12	14	47	02.4*	9.958	S	149.983	E	33	N	4.2	1.3	10	EASTERN NEW GUINEA REG., P.N.G.
12	14	57	11.0*	33.440	S	71.606	W	33	N		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
12	15	10	28.3	20.436	N	121.742	E	65	D	5.0	1.1	127	PHILIPPINE ISLANDS REGION. Mw 4.6 (HRV). Felt (III RF) at Basco. Centroid, Moment Tensor (HRV): Centroid origin time 15:10:32.3; Lat 20.44 N; Lon 121.55 E; Dep 49.9; Half- duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.98, Plg=38, Azm=256; (N) Val=0.04, Plg=36, Azm=20; (P) Val=-1.02, Plg=32, Azm=137; Best double couple: Mo=1.0*10**16 Nm; NP1: Strike=283, Dip=36, Slip=175; NP2: Strike=17, Dip=87, Slip=54.
12	16	40	19.8*	59.916	N	152.393	W	93		4.1	1.35	24	SOUTHERN ALASKA. <AEIC>. Felt at Ninilchik.
12	17	28	44.7*	44.956	N	148.966	E	72	?	4.1	0.9	41	KURIL ISLANDS
12	17	29	21.7*	34.968	N	116.817	W	0				22	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.7 (GS).
12	18	55	02.2	51.634	N	173.449	W	33	N	3.8	0.9	22	ANDREANOF ISLANDS, ALEUTIAN IS.
12	19	09	24.5*	59.850	N	152.620	W	84		3.2		34	SOUTHERN ALASKA. <AEIC>.
12	19	24	57.1*	39.155	N	75.084	E	33	N	3.9	1.4	18	SOUTHERN XINJIANG, CHINA
12	19	54	22.4?	17.87	S	178.65	W	600	G	4.3	0.9	16	FIJI ISLANDS REGION
12	21	11	04.3?	0.97	S	136.34	E	33	N	3.8	1.7	10	IRIAN JAYA REGION, INDONESIA
12	21	22	33.1*	44.425	N	7.321	E	10	G		0.3	5	NORTHERN ITALY. ML 2.0 (GEN).
12	21	32	18.5*	60.110	N	152.773	W	108		2.6		57	SOUTHERN ALASKA. <AEIC>.
12	21	37	54.2*	49.148	N	128.287	W	10	G	3.7	1.3	30	VANCOUVER ISLAND REGION
12	22	45	56.0*	31.254	S	73.744	W	10	G		0.9	16	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
12	22	50	41.3	21.407	S	66.644	W	234	D	3.9	0.8	21	SOUTHERN BOLIVIA
12	23	27	04.6?	52.20	N	158.17	E	33	N	3.8	1.6	9	NEAR EAST COAST OF KAMCHATKA
12	23	35	43.1*	6.204	S	151.875	E	34	D	4.2	0.8	21	NEW BRITAIN REGION, P.N.G.
12	23	40	35.1*	34.519	S	70.409	W	5	G		0.4	9	CHILE-ARGENTINA BORDER REGION
13	00	41	20.1?	1.93	N	128.47	E	33	N	3.9	1.5	12	HALMAHERA, INDONESIA
13	01	55	21.3	33.085	N	140.919	E	49	D	4.9 4.3	0.9	129	SOUTH OF HONSHU, JAPAN
13	02	06	15.6*	52.248	N	171.530	W	33	N	3.7	1.1	13	FOX ISLANDS, ALEUTIAN ISLANDS
13	02	16	30.7*	44.491	N	7.322	E	10	G		0.5	5	NORTHERN ITALY. ML 1.7 (GEN).
13	02	20	45.7*	30.066	N	87.928	E	33	N	3.8	1.1	13	XIZANG

13	03	03	22.7?	7.06	S	154.78	E	33	N	3.9	1.2	11	SOLOMON ISLANDS
13	03	33	48.1	35.735	N	117.627	W	6				53	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.4 (GS).
13	04	30	42.9	44.577	N	152.193	E	33	N	4.5	0.9	55	EAST OF KURIL ISLANDS
13	04	36	15.3	14.012	N	146.559	E	33	N	4.3	1.2	30	MARIANA ISLANDS
13	04	53	47.7	7.227	N	76.947	W	28	D	5.1 4.4	0.9	177	NORTHERN COLOMBIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:53:52.9; Lat 7.53 N; Lon 76.74 W; Dep 33.8; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.11, Plg=53, Azm=260; (N) Val=-0.64, Plg=36, Azm=71; (P) Val=-8.48, Plg=4, Azm=164; Best double couple: Mo=8.8*10**16 Nm; NP1: Strike=287, Dip=52, Slip=139; NP2: Strike=45, Dip=59, Slip=46.
13	05	03	07.1?	7.14	S	148.15	E	33	N	4.4	1.4	11	EASTERN NEW GUINEA REG., P.N.G.
13	05	32	38.8	44.381	N	6.382	E	5	G		0.6	16	FRANCE. ML 2.2 (LDG).
13	06	06	03.5*	13.822	N	146.670	E	33	N	3.7	1.1	12	SOUTH OF MARIANA ISLANDS
13	06	06	23.1?	7.65	S	129.66	E	100	G	4.0	1.3	7	BANDA SEA
13	06	18	28.0*	19.268	S	169.652	E	100	G	4.4	1.1	25	VANUATU ISLANDS
13	07	54	10.2*	36.740	N	141.329	E	42	*	3.8	1.1	18	NEAR EAST COAST OF HONSHU, JAPAN
13	08	04	04.9?	30.91	S	68.50	W	100	G		1.0	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
13	08	07	56.0?	13.52	S	111.98	W	10	G	4.0	0.9	13	CENTRAL EAST PACIFIC RISE
13	08	56	02.7?	34.80	S	70.88	W	100	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
13	09	05	30.4?	44.54	N	7.49	E	10	G		0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
13	09	48	16.9*	12.701	S	111.118	W	10	G	4.3 4.1	1.1	20	CENTRAL EAST PACIFIC RISE
13	09	59	20.1	4.740	S	145.186	E	195	D	5.1	1.0	113	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:59:24.6; Lat 4.86 S; Lon 145.09 E; Dep 197.6; Half- duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=9.62, Plg=8, Azm=21; (N) Val=-0.35, Plg=30, Azm=115; (P) Val=-9.26, Plg=59, Azm=278; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=80, Dip=46, Slip=-135; NP2: Strike=315, Dip=60, Slip=-54.
13	11	04	57.0?	3.57	S	153.80	E	33	N	4.1	1.5	9	NEW IRELAND REGION, P.N.G.
13	11	29	52.1	63.765	N	153.423	W	75				27	CENTRAL ALASKA. <AEIC>.
13	12	14	09.6*	36.372	N	140.367	E	33	N		0.6	6	NEAR EAST COAST OF HONSHU, JAPAN
13	12	19	40.3	34.598	N	23.920	E	33	N	3.8	0.9	20	CRETE
13	12	32	23.9?	0.00	N	120.06	E	100	G	3.9	1.1	13	MINAHASSA PENINSULA, SULAWESI
13	12	43	18.4*	38.972	N	21.241	E	33	N	3.6	1.2	15	GREECE
13	12	43	50.9	20.829	S	68.518	E	10	G	5.0 4.5	0.9	113	MID-INDIAN RIDGE. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:43:56.4; Lat 20.81 S; Lon 68.60 E; Dep 15.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.63, Plg=0, Azm=220; (N) Val=1.04, Plg=0, Azm=130; (P) Val=-4.66, Plg=90, Azm=180; Best double couple: Mo=4.2*10**16 Nm; NP1: Strike=310, Dip=45, Slip=-90; NP2: Strike=130, Dip=45, Slip=-90.
13	12	44	30.0*	37.093	N	139.990	E	10	G		1.5	6	EASTERN HONSHU, JAPAN
13	12	53	29.8*	64.432	S	175.427	E	10	G	4.5	1.2	23	BALLENY ISLANDS REGION
13	13	20	36.6*	27.957	S	63.029	E	10	G	3.5	1.1	9	SOUTHWEST INDIAN RIDGE
13	13	44	01.7*	0.805	S	135.520	E	33	N	4.4	1.4	19	IRIAN JAYA REGION, INDONESIA
13	14	40	46.8?	2.14	S	134.25	E	33	N	3.6	1.4	8	IRIAN JAYA REGION, INDONESIA
13	15	20	04.2?	19.42	S	177.52	W	600	G	4.2	0.9	18	FIJI ISLANDS REGION
13	15	28	51.0*	47.780	N	121.860	W	7				6	WASHINGTON. <SEA-P>. MD 2.4 (SEA).
13	15	37	33.9	3.056	S	128.979	E	58	*	3.8	0.6	9	SERAM, INDONESIA
13	18	51	07.4	51.593	N	173.379	W	33	N	4.6 4.2	1.1	93	ANDREANOF ISLANDS, ALEUTIAN IS.
13	20	34	49.7*	3.435	S	135.705	E	33	N	4.4	1.2	12	IRIAN JAYA REGION, INDONESIA
13	20	47	54.2*	34.053	S	116.666	E	10	G		1.0	6	WESTERN AUSTRALIA
13	21	13	21.7?	11.92	S	166.37	E	33	N	4.3	0.9	15	SANTA CRUZ ISLANDS
13	22	28	25.6?	45.63	N	80.34	E	33	N	3.5	1.1	6	KAZAKHSTAN-XINJIANG BORDER REG.
13	22	34	09.8?	3.30	S	134.57	E	33	N	3.5	1.4	8	IRIAN JAYA REGION, INDONESIA
13	22	42	23.1	40.281	N	124.394	W	24				21	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
13	23	20	00.3?	12.69	S	167.28	E	33	N	4.1	1.0	14	SANTA CRUZ ISLANDS
14	00	14	42.7*	0.296	S	125.592	E	33	N	4.8	1.1	20	SOUTHERN MOLUCCA SEA
14	00	15	11.2	52.134	N	175.134	E	55	*	4.3	0.9	38	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR).
14	00	24	06.5*	38.270	N	0.889	W	10	G		0.7	7	SPAIN. mbLg 2.7 (MDD).
14	00	44	41.6*	51.591	N	174.728	E	33	N	3.8	1.5	16	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.1 (PMR).
14	01	03	21.9?	55.96	S	27.10	W	33	N	4.1	0.8	10	SOUTH SANDWICH ISLANDS REGION
14	01	46	45.5*	63.354	N	150.984	W	10				52	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
14	01	48	50.3*	46.317	N	7.429	E	10	G		0.3	6	SWITZERLAND. ML 2.1 (LDG).
14	03	09	11.7*	38.751	N	0.509	W	10	G		0.9	7	SPAIN. mbLg 2.8 (MDD).
14	04	34	40.2	20.396	S	69.615	W	78	D	4.8	1.2	80	NORTHERN CHILE. Felt (V) at Mamina and Pica; (IV) at Iquique and Pisagua; (III) at Arica.
14	05	10	38.4*	0.546	N	126.595	E	33	N	4.5	1.0	15	NORTHERN MOLUCCA SEA
14	05	41	08.9*	29.682	N	87.935	E	33	N	4.1	1.4	18	XIZANG
14	07	24	03.0*	24.034	S	66.643	W	200	G	3.7	0.7	11	SALTA PROVINCE, ARGENTINA
14	08	24	23.6?	6.82	S	148.25	E	100	G	4.1	1.2	8	NEW BRITAIN REGION, P.N.G.
14	08	40	00.8?	36.60	N	70.84	E	271	?	3.5	1.6	7	HINDU KUSH REGION, AFGHANISTAN
14	09	33	18.4*	7.715	S	155.531	E	33	N	3.5	1.0	9	SOLOMON ISLANDS
14	09	34	42.7?	11.69	S	165.44	E	74	?	4.3	1.5	23	SANTA CRUZ ISLANDS
14	09	47	17.6*	43.716	N	11.844	E	10	G		1.3	18	CENTRAL ITALY. ML 3.1 (LDG).
14	09	53	26.2*	60.468	N	148.289	W	0	G			58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
14	10	10	03.7?	5.45	S	147.23	E	196		4.3	0.8	13	EASTERN NEW GUINEA REG., P.N.G.
14	10	14	25.2	52.234	N	169.001	W	33	N	4.6 4.2	1.1	93	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR). Felt (III) at Nikolski.
14	11	06	25.0	18.942	N	65.077	W	33	N	4.2	1.1	28	PUERTO RICO REGION
14	11	14	44.1?	6.84	S	150.59	E	49	D	3.8	1.2	10	NEW BRITAIN REGION, P.N.G.
14	12	16	12.6*	1.449	N	127.080	E	33	N	4.4	1.3	16	HALMAHERA, INDONESIA
14	12	18	14.1*	14.477	S	166.616	E	322	?	4.2	0.9	32	VANUATU ISLANDS
14	12	36	59.4	17.955	S	178.546	W	605	D	5.5	0.9	311	FIJI ISLANDS REGION. Mw 5.7 (HRV). mb 5.6 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 12:37:07.1; Lat 17.77 S; Lon 178.51 W; Dep 629.0; Half- duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.09, Plg=39, Azm=20; (N) Val=-0.04, Plg=51, Azm=199; (P) Val=-4.05, Plg=0, Azm=290; Best double couple:

Mo=4.1*10**17 Nm; NP1: Strike=58, Dip=63, Slip=150; NP2: Strike=162, Dip=64, Slip=30.

14	12	37	28.8	17.850	S	178.561	W	600	G	4.8	0.9	87	FIJI ISLANDS REGION	
14	12	40	14.8*	17.772	S	178.666	W	600	G	4.7	0.8	23	FIJI ISLANDS REGION	
14	12	45	30.1	41.536	N	75.035	E	33	N	4.6	0.9	53	KYRGYZSTAN	
14	12	56	09.3	7.322	S	128.081	E	100	G	4.4	1.0	26	BANDA SEA	
14	13	46	33.7*	20.992	N	121.249	E	33	N	4.2	1.0	18	PHILIPPINE ISLANDS REGION	
14	14	45	39.6*	6.701	S	155.207	E	33	N	4.0	0.5	13	SOLOMON ISLANDS	
14	16	06	12.2?	1.60	S	123.93	E	33	N	4.0	1.6	9	SULAWESI, INDONESIA	
14	16	38	21.2	51.588	N	173.420	W	33	N	4.5	1.1	69	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).	
14	17	34	10.1	24.518	S	177.541	W	170	D	5.1	1.0	177	SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV). mb 5.0 (BRK). Centroid, Moment Tensor (HRV): Centroid origin time 17:34:16.7; Lat 24.38 S; Lon 177.38 W; Dep 180.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.54, Plg=20, Azm=107; (N) Val=-0.31, Plg=15, Azm=12; (P) Val=-1.23, Plg=65, Azm=248; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=221, Dip=28, Slip=-58; NP2: Strike=5, Dip=66, Slip=-106.	
14	17	51	07.9*	37.911	N	122.289	W	6				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.1 (GM). ML 2.1 (BRK). Felt at Berkeley.	
14	17	52	23.1*	17.875	S	178.550	W	613		4.4	0.9	27	FIJI ISLANDS REGION	
14	18	36	52.5*	7.066	S	154.901	E	33	N	4.2	1.2	21	SOLOMON ISLANDS	
14	18	49	57.3*	61.556	N	150.005	W	36		3.3		95	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR). Felt (II) at Palmer. Felt lightly at Chugiak.	
14	19	05	30.5	26.551	N	92.397	E	37	D	4.6	1.4	47	NORTHEASTERN INDIA	
14	19	08	19.8	25.972	N	128.487	E	33	N	4.9	4.7	0.9	51	RYUKYU ISLANDS
14	19	25	45.0	25.977	N	128.608	E	33	N	4.4	4.5	1.2	44	RYUKYU ISLANDS
14	20	07	49.4*	36.728	N	8.104	E	10	G	3.9	1.6	51	TUNISIA. MD 4.0 (MDD). ML 3.6 (ROM).	
14	21	19	19.0?	44.98	N	6.82	E	10	G		0.6	4	FRANCE. ML 1.8 (GEN).	
14	21	38	10.0*	44.435	N	7.131	E	5	G		0.3	5	NORTHERN ITALY. ML 1.7 (GEN).	
14	22	01	09.5*	6.580	S	147.342	E	75	*	4.1	1.0	18	EASTERN NEW GUINEA REG., P.N.G.	
14	22	03	36.3*	52.139	N	30.114	W	10	G	3.6	0.9	8	NORTHERN MID-ATLANTIC RIDGE	
14	22	50	44.4*	0.141	S	125.603	E	33	N	4.5	1.4	21	SOUTHERN MOLUCCA SEA	
14	22	56	08.7*	0.235	S	125.349	E	33	N	4.4	1.3	24	SOUTHERN MOLUCCA SEA	
14	23	05	21.9*	51.219	N	15.890	E	5	G		0.7	7	POLAND. ML 2.4 (MOX).	
14	23	06	54.7*	48.120	N	120.883	W	1				28	WASHINGTON. <SEA-P>. MD 2.8 (SEA).	
14	23	08	55.2	19.101	S	173.952	W	58	D	5.3	1.0	172	TONGA ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:08:56.9; Lat 18.70 S; Lon 173.75 W; Dep 45.8; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=5.62, Plg=66, Azm=30; (N) Val=0.53, Plg=5, Azm=133; (P) Val=-6.15, Plg=24, Azm=225; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=327, Dip=22, Slip=105; NP2: Strike=131, Dip=69, Slip=84.	
14	23	14	03.7*	34.024	S	116.838	E	10	G		1.4	7	WESTERN AUSTRALIA	
14	23	34	32.2?	31.44	S	70.45	W	120	G		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).	
15	00	26	12.8*	11.624	S	165.672	E	33	N	4.6	1.2	32	SANTA CRUZ ISLANDS	
15	00	29	04.9	36.724	N	140.288	E	102		3.9	0.7	19	NEAR EAST COAST OF HONSHU, JAPAN	
15	01	21	08.7*	37.026	N	4.008	W	10	G		1.0	6	SPAIN. mbLg 2.5 (MDD).	
15	01	37	40.3	25.912	N	128.575	E	33	N	4.0	0.5	9	RYUKYU ISLANDS	
15	02	30	54.8?	11.44	S	165.60	E	33	N	4.4	1.5	20	SANTA CRUZ ISLANDS	
15	02	50	11.1*	65.019	N	151.275	W	20				27	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).	
15	03	12	57.3?	44.36	N	7.26	E	5	G		0.2	4	NORTHERN ITALY. ML 1.6 (GEN).	
15	03	33	06.7*	4.522	S	152.742	E	33	N	4.6	0.9	23	NEW BRITAIN REGION, P.N.G.	
15	04	43	21.3	53.875	N	160.775	E	33	N	4.2	0.8	28	NEAR EAST COAST OF KAMCHATKA	
15	05	37	18.2*	56.211	N	164.725	E	33	N	3.9	0.8	12	KOMANDORSKY ISLANDS REGION	
15	05	41	50.2	56.013	N	164.922	E	33	N	4.8	0.9	99	KOMANDORSKY ISLANDS REGION	
15	06	01	35.0?	33.46	S	178.70	W	33	N	4.5	1.3	17	SOUTH OF KERMADEC ISLANDS	
15	07	40	53.0*	3.283	S	142.872	E	33	N	4.1	1.1	10	NEAR N COAST OF NEW GUINEA, PNG.	
15	07	47	34.2	43.983	S	108.190	W	10	G	4.9	1.0	78	SOUTHERN EAST PACIFIC RISE	
15	07	51	07.3*	36.848	N	4.143	W	71	?		0.4	8	STRAIT OF GIBRALTAR	
15	08	02	47.1*	44.087	N	7.781	E	10	G		0.4	8	NORTHERN ITALY. ML 2.1 (GEN).	
15	08	35	17.8*	25.878	N	128.559	E	33	N	4.1	0.4	6	RYUKYU ISLANDS	
15	08	54	25.4	52.105	N	168.975	W	33	N	4.3	1.1	44	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR).	
15	09	22	06.9*	14.804	N	144.792	E	22	D	3.7	0.8	11	MARIANA ISLANDS	
15	09	55	26.0*	36.009	N	22.170	E	33	N	3.8	1.6	17	SOUTHERN GREECE	
15	10	16	16.5	25.818	N	128.420	E	25	?	4.1	0.7	17	RYUKYU ISLANDS	
15	11	24	42.4*	47.772	N	121.880	W	4				46	WASHINGTON. <SEA-P>. MD 2.6 (SEA).	
15	11	46	25.4	6.897	S	129.955	E	80	*	4.5	1.0	39	BANDA SEA	
15	12	16	59.4?	56.32	N	165.83	E	33	N	3.7	1.1	8	KOMANDORSKY ISLANDS REGION	
15	14	07	00.1?	23.94	S	179.82	W	557	?	4.2	0.9	23	SOUTH OF FIJI ISLANDS	
15	14	07	53.9*	13.500	N	91.217	W	33	N	4.4	3.9	1.3	43	NEAR COAST OF GUATEMALA
15	14	26	10.8*	45.498	N	6.675	E	10	G		0.2	6	FRANCE. ML 2.3 (GEN).	
15	14	40	43.8*	18.015	S	169.282	E	33	N	4.4	0.9	16	VANUATU ISLANDS	
15	14	58	10.2?	41.12	S	75.98	W	10	G	3.7	0.5	4	OFF COAST OF SOUTHERN CHILE	
15	15	02	04.4*	33.264	N	75.978	E	33	N	3.4	0.9	8	EASTERN KASHMIR	
15	15	05	20.3*	39.886	S	77.732	E	10	G	4.2	0.6	7	MID-INDIAN RIDGE	
15	15	05	52.4	45.773	N	10.341	E	10	G		1.4	30	NORTHERN ITALY. ML 3.3 (GRF), 3.1 (FUR), 3.0 (VIE).	
15	15	54	38.2*	32.867	S	178.646	W	33	N	4.6	0.9	15	SOUTH OF KERMADEC ISLANDS	
15	16	28	49.0	0.668	S	135.814	E	33	N	5.5	5.4	1.2	128	IRIAN JAYA REGION, INDONESIA. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=4.04, Plg=34, Azm=332; (N) Val=0.20, Plg=9, Azm=236; (P) Val=-4.24, Plg=55, Azm=134; Best double couple: Mo=4.1*10**17 Nm; NP1: Strike=94, Dip=14, Slip=-51; NP2: Strike=235, Dip=79, Slip=-99. Centroid, Moment Tensor (HRV): Centroid origin time 16:28:51.2; Lat 0.82 S; Lon 135.57 E; Dep 21.4; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.08, Plg=30, Azm=353; (N) Val=-0.24, Plg=12, Azm=256; (P) Val=-3.85, Plg=57, Azm=147; Best double couple: Mo=4.0*10**17 Nm; NP1: Strike=115, Dip=19, Slip=-50; NP2: Strike=253, Dip=76, Slip=-103.
15	16	59	31.0*	3.736	S	131.318	E	33	N	4.6	1.3	26	IRIAN JAYA REGION, INDONESIA	

15	17	20	09.3*	18.819 S	168.433 E	83 ?	4.7	1.0	43	VANUATU ISLANDS
15	17	43	54.9*	43.351 N	18.156 E	10 G		1.6	34	NORTHWESTERN BALKAN REGION
15	20	13	59.0	6.791 S	155.356 E	71 *	4.1	1.2	22	SOLOMON ISLANDS
15	21	35	25.5*	14.973 N	92.820 W	200 G	4.2	1.0	26	NEAR COAST OF CHIAPAS, MEXICO
15	22	16	24.2&	34.273 N	118.463 W	9			39	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.7 (GS). Felt.
15	22	41	03.9&	44.731 N	7.507 E	10 G		0.6	10	NORTHERN ITALY. ML 2.2 (GEN).
15	23	06	23.4	6.869 S	155.904 E	74 D	4.8	1.1	59	SOLOMON ISLANDS
15	23	07	13.1*	6.799 S	155.827 E	76 D	4.6	0.8	24	SOLOMON ISLANDS
15	23	11	39.3*	51.700 N	16.097 E	5 G		1.5	9	POLAND. ML 2.4 (MOX).
16	01	23	33.1*	7.013 S	129.206 E	100 G	4.4	1.3	14	BANDA SEA
16	01	28	24.1&	32.789 S	70.637 W	33 N		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
16	01	46	26.1?	6.98 S	132.23 E	33 N	4.3	1.4	10	TANIMBAR ISLANDS REG., INDONESIA
16	04	11	36.4&	37.476 N	118.873 W	5			16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
16	05	14	02.1	7.578 N	126.570 E	51 D	4.6	1.1	39	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Bislig.
16	06	12	21.4*	3.697 S	136.094 E	33 N	4.3	1.2	14	IRIAN JAYA, INDONESIA
16	07	25	28.4	31.724 N	138.425 E	368	4.0	1.0	29	SOUTH OF HONSHU, JAPAN
16	07	45	44.5&	34.033 S	71.010 W	70 G		0.2	9	NEAR COAST OF CENTRAL CHILE. MD 1.9 (SAN).
16	09	11	47.7	44.672 N	148.411 E	52 D	4.2	1.2	30	KURIL ISLANDS
16	10	24	11.6?	14.40 N	93.29 W	33 N	4.0	1.2	26	NEAR COAST OF CHIAPAS, MEXICO
16	13	30	21.2	40.666 N	117.327 W	10 G		0.8	24	NEVADA. Mw 3.6 (BRK). ML 3.8 (GS). Felt (III) at Valmy. Scalar Moment (BRK): Mo=3.2*10**14 Nm.
16	14	47	16.7?	32.57 S	70.82 W	70 G		0.4	7	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
16	15	41	01.9	42.587 N	111.202 W	5 G	3.9	1.0	61	EASTERN IDAHO. ML 4.3 (GS), 4.2 (BUT). Felt (V) at Georgetown and Montpelier; (IV) at Dingle; (III) at Bloomington and Geneva. Felt (IV) at Afton; (III) at Auburn, Fairview, Freedom, Grover and Smoot; (II) at Thayne, Wyoming.
16	16	14	13.4*	32.578 S	68.862 W	5 G		0.8	11	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
16	16	46	40.8*	8.351 S	79.445 W	50 D	4.4	1.2	34	NEAR COAST OF NORTHERN PERU. Felt (II) at Chimbote and Trujillo.
16	17	02	30.4	34.428 N	139.664 E	19	4.0	1.1	37	NEAR S. COAST OF HONSHU, JAPAN
16	17	18	44.7*	33.274 N	76.404 E	52 D	3.9	1.6	14	KASHMIR-INDIA BORDER REGION
16	17	40	42.9?	23.69 N	44.50 W	10 G	3.8	1.4	9	NORTHERN MID-ATLANTIC RIDGE
16	18	06	29.3&	60.569 N	142.593 W	10			32	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
16	18	16	17.7	8.884 S	157.848 E	33 N	4.7	1.0	51	SOLOMON ISLANDS
16	18	26	37.1&	36.637 N	5.934 W	10 G		0.7	8	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
16	18	33	59.8&	47.752 N	121.856 W	4			53	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
16	19	29	53.8*	69.536 N	16.309 W	10 G	3.8	1.3	11	JAN MAYEN ISLAND REGION
16	19	56	47.3&	36.084 N	120.153 W	6			49	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM), 2.7 (PAS).
16	20	42	15.0&	60.191 N	153.336 W	124			83	SOUTHERN ALASKA. <AEIC>.
16	21	00	58.1	26.999 S	66.904 W	160 D	4.4	0.9	51	CATAMARCA PROVINCE, ARGENTINA
16	21	28	50.5?	6.74 S	129.68 E	100 G	4.0	1.5	9	BANDA SEA
16	22	13	44.8	18.233 N	111.383 W	10 G	4.5 3.8	1.1	47	REVILLA GIGEDO ISLANDS REGION
17	00	39	43.5&	33.877 S	70.229 W	120 G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 2.1 (SAN).
17	01	07	37.0*	52.290 N	172.241 E	33 N	3.9	0.9	16	NEAR ISLANDS, ALEUTIAN ISLANDS
17	02	12	51.9?	17.87 S	178.68 W	600 G	3.7	0.7	12	FIJI ISLANDS REGION
17	02	25	07.9*	20.684 S	174.332 W	33 N	4.3	0.9	18	TONGA ISLANDS
17	02	38	32.5?	8.06 S	115.28 E	100 G	4.0	0.7	10	BALI REGION, INDONESIA
17	03	00	13.7?	52.45 N	96.06 E	33 N	4.0	1.4	11	SOUTHWESTERN SIBERIA, RUSSIA
17	03	12	19.9*	6.852 S	154.568 E	68 ?	4.2	1.3	24	SOLOMON ISLANDS
17	03	38	07.0*	28.098 N	130.257 E	33 N	3.8	0.9	8	RYUKYU ISLANDS
17	04	32	29.8&	59.931 N	141.837 W	5			41	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
17	05	54	03.8	15.536 N	91.782 W	224 D	4.3	1.0	53	MEXICO-GUATEMALA BORDER REGION
17	07	16	26.0*	38.972 N	142.784 E	30 *	3.5	1.3	9	NEAR EAST COAST OF HONSHU, JAPAN
17	07	47	29.9*	34.862 N	26.648 E	100 G	3.4	1.1	13	CRETE
17	08	27	34.8*	9.287 S	117.684 E	33 N	4.2	1.4	22	SUMBAWA REGION, INDONESIA
17	09	30	59.5	47.249 N	9.507 E	12		1.2	60	GERMANY. ML 3.9 (VIE), 3.5 (GRF), 3.5 (FUR), 3.2 (DBN).
17	09	55	13.1?	25.18 S	176.97 W	200 G	4.0	1.4	21	SOUTH OF FIJI ISLANDS
17	10	21	44.2*	3.030 S	127.850 E	50 G	4.3	1.2	18	SERAM, INDONESIA
17	10	36	16.2*	26.867 N	44.520 W	10 G	4.1	0.8	18	NORTHERN MID-ATLANTIC RIDGE
17	11	48	49.0*	4.009 S	130.871 E	33 N	3.9	1.0	13	BANDA SEA
17	12	25	21.8	28.674 S	62.904 W	603	4.6	0.8	87	SANTIAGO DEL ESTERO PROV., ARG.
17	13	19	17.2	9.830 S	149.889 E	33 N	4.7 4.5	1.3	45	EASTERN NEW GUINEA REG., P.N.G.
17	15	45	13.4*	7.124 S	129.282 E	100 G	3.8	1.2	14	BANDA SEA
17	16	04	49.4?	27.20 N	140.66 E	400 G	3.3	1.5	8	BONIN ISLANDS REGION
17	17	03	48.2*	30.221 N	88.210 E	33 N	4.3	0.8	22	XIZANG
17	17	04	39.8	30.058 N	88.143 E	33 N	4.6 3.9	0.8	51	XIZANG
17	17	05	39.7*	30.164 N	88.188 E	33 N	4.3	0.9	23	XIZANG
17	17	26	55.0*	3.034 N	126.782 E	33 N	4.1	0.8	12	TALAUD ISLANDS, INDONESIA
17	17	36	51.2*	51.624 N	16.186 E	10 G	2.7	1.6	17	POLAND. ML 3.3 (GRF), 3.1 (VIE), 2.6 (MOX).
17	17	48	55.6?	16.24 N	91.25 W	50 G	4.0	1.4	14	MEXICO-GUATEMALA BORDER REGION
17	18	24	03.2	37.642 N	3.746 W	10 G		1.1	20	SPAIN. mbLg 3.7 (MDD). Felt (II) in the Campillo de Arenas area.
17	18	30	45.3&	44.551 N	7.111 E	13 *		0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
17	18	56	40.2&	59.649 N	138.880 W	2			35	SOUTHEASTERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR).
17	18	59	35.5&	35.941 N	117.614 W	6			9	CENTRAL CALIFORNIA. <PAS-P>. MD 2.9 (PAS).
17	19	18	23.3	42.818 N	0.920 E	10 G		1.1	28	PYRENEES. mbLg 3.5 (MDD). ML 3.3 (STR).
17	20	13	06.8	78.235 N	20.226 W	10 G	3.9	0.7	20	EASTERN GREENLAND
17	21	33	41.2*	37.610 N	72.767 E	200 G	3.5	1.3	9	TAJIKISTAN
17	21	49	11.4?	18.17 S	178.03 W	600 G	3.8	1.2	14	FIJI ISLANDS REGION
18	00	00	31.8	32.311 N	137.850 E	367	4.4	0.9	73	SOUTH OF HONSHU, JAPAN
18	01	48	27.7?	11.84 N	143.96 E	33 N	4.5	0.9	16	SOUTH OF MARIANA ISLANDS
18	01	56	32.5&	33.964 S	70.979 W	10 G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
18	03	30	19.5	55.079 N	168.170 E	30 D	5.1 4.6	1.1	181	KOMANDORSKY ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:30:19.6; Lat 55.21 N; Lon 168.12 E; Dep 18.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=0.96, Plg=83, Azm=89; (N) Val=0.16, Plg=7, Azm=279; (P) Val=-1.13, Plg=1, Azm=189; Best double couple: Mo=1.0*10**17 Nm; NPl: Strike=272, Dip=44, Slip=80; NP2: Strike=106, Dip=47, Slip=99.

18	05	02	42.4*	4.980	S	130.699	E	33	N	4.5	1.2	18	BANDA SEA	
18	05	26	39.1*	33.729	N	132.247	E	33	N		0.7	5	SHIKOKU, JAPAN	
18	07	34	16.4*	33.616	S	70.472	W	20	G		0.7	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).	
18	07	42	21.6	23.953	S	68.823	W	97	D	5.3	0.9	142	NORTHERN CHILE. Mw 5.4 (HRV). Felt (V) in the epicentral area; (IV) at Antofagasta and Mejillones; (III) at Baquedano, Calama, Camar, Socaire, Talabre and Tocopilla. Centroid, Moment Tensor (HRV): Centroid origin time 07:42:27.4; Lat 23.85 S; Lon 69.08 W; Dep 116.4; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=18, Azm=90; (N) Val=0.17, Plg=20, Azm=353; (P) Val=-1.24, Plg=63, Azm=218; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=208, Dip=33, Slip=-51; NP2: Strike=344, Dip=65, Slip=-112.	
18	08	15	25.6*	13.794	N	123.520	E	33	N	4.1	0.8	15	LUZON, PHILIPPINE ISLANDS	
18	09	18	08.3*	45.997	N	9.880	E	10	G		1.4	6	NORTHERN ITALY	
18	09	54	10.4*	34.494	S	54.945	E	10	G	4.5	0.9	17	SOUTHWEST INDIAN RIDGE	
18	11	42	49.6*	44.465	N	7.299	E	10	G		0.3	11	NORTHERN ITALY. ML 2.7 (GEN).	
18	11	49	05.0*	31.41	S	178.70	E	550	G	4.1	1.5	17	KERMADEC ISLANDS REGION	
18	11	56	57.8*	6.46	S	155.29	E	33	N	4.2	1.6	9	SOLOMON ISLANDS	
18	12	06	44.8*	33.209	S	70.436	W	100	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 1.9 (SAN).	
18	12	32	29.4*	38.287	N	20.336	E	33	N	3.8	1.3	13	GREECE	
18	13	13	03.1*	11.643	N	125.969	E	33	N	4.2	0.9	21	SAMAR, PHILIPPINE ISLANDS	
18	13	26	57.0	10.745	S	164.561	E	33	N	4.7	1.2	48	SANTA CRUZ ISLANDS REGION	
18	16	00	00.0*	6.69	S	154.28	E	33	N	4.2	1.8	17	SOLOMON ISLANDS	
18	17	00	37.8*	18.159	S	177.993	W	500	G	4.3	1.2	47	FIJI ISLANDS REGION	
18	18	33	06.1*	6.04	S	147.36	E	33	N	4.4	1.4	18	EASTERN NEW GUINEA REG., P.N.G.	
18	19	13	58.4	43.502	N	127.230	W	10	G	3.8	0.8	132	OFF COAST OF OREGON	
18	19	16	02.2	42.840	N	144.288	E	95	*	4.3	0.9	43	HOKKAIDO, JAPAN REGION	
18	19	53	55.5*	51.205	N	178.962	E	33	N	4.0	1.2	15	RAT ISLANDS, ALEUTIAN ISLANDS	
18	20	10	22.7*	34.479	N	47.684	E	33	N	3.8	1.1	15	WESTERN IRAN	
18	20	10	26.3*	26.840	N	44.585	W	10	G	4.2	0.7	16	NORTHERN MID-ATLANTIC RIDGE	
18	20	59	38.9*	34.688	N	23.992	E	33	N	3.6	1.0	17	CRETE	
18	21	47	37.9*	44.598	N	149.246	E	33	N	3.8	0.8	20	KURIL ISLANDS	
18	22	40	26.4*	10.97	S	164.59	E	33	N	4.2	1.6	13	SANTA CRUZ ISLANDS REGION	
18	23	53	40.2*	9.975	N	126.564	E	33	N	4.0	1.1	11	MINDANAO, PHILIPPINE ISLANDS	
19	00	47	21.3	49.140	N	6.861	E	10	G		0.8	7	GERMANY. Mining induced event in the Lorraine region, France.	
19	00	48	59.3*	46.47	N	153.46	E	38	D	3.9	1.4	13	KURIL ISLANDS	
19	01	55	13.3*	60.230	N	148.932	W	24				41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).	
19	02	13	45.9*	35.820	N	69.379	E	26	D	4.1	1.2	14	HINDU KUSH REGION, AFGHANISTAN	
19	02	51	57.0*	53.971	N	109.162	E	10	G	4.2	3.9	0.9	24	LAKE BAYKAL REGION, RUSSIA. Felt (IV) at Barguzin and Suvo.
19	03	01	15.4*	7.095	S	129.368	E	100	G	4.1	0.7	11	BANDA SEA	
19	03	15	32.6	36.392	N	70.780	E	214	D	4.4	0.9	44	HINDU KUSH REGION, AFGHANISTAN	
19	03	25	37.0	10.526	N	62.866	W	17	D	4.6	4.4	1.3	88	NEAR COAST OF VENEZUELA. MD 4.8 (TRN).
19	03	53	36.4*	44.194	N	6.822	E	10	G		0.3	12	FRANCE. ML 2.3 (GEN).	
19	03	59	45.0*	35.430	N	140.211	E	33	N	4.0	1.2	19	NEAR EAST COAST OF HONSHU, JAPAN	
19	04	10	08.8*	6.96	S	154.88	E	33	N	4.3	1.4	15	SOLOMON ISLANDS	
19	04	44	19.0*	6.951	N	94.666	E	33	N	4.1	1.5	13	NICOBAR ISLANDS, INDIA	
19	04	48	28.3*	28.40	N	139.35	E	490	?	3.5	0.6	9	BONIN ISLANDS REGION	
19	05	17	24.8*	26.393	N	126.174	E	33	N	4.2	0.8	18	RYUKYU ISLANDS	
19	05	44	21.4	52.380	N	114.985	W	10	G	4.2	1.2	16	ALBERTA, CANADA	
19	06	28	17.9*	59.493	N	138.792	W	0	G			14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).	
19	06	29	45.6*	37.065	N	69.862	E	50	G	4.1	0.6	8	AFGHANISTAN-TAJIKISTAN BORD REG.	
19	07	17	15.2	21.785	N	145.399	E	31	D	4.5	4.9	1.1	49	MARIANA ISLANDS REGION
19	09	03	06.6*	11.72	S	166.60	E	100	G	4.0	1.3	16	SANTA CRUZ ISLANDS	
19	10	22	50.3*	37.184	N	3.647	W	10	G		0.8	5	SPAIN. mbLg 2.6 (MDD).	
19	10	23	47.0*	44.749	N	149.276	E	33	N	3.6	0.7	13	KURIL ISLANDS	
19	10	45	23.4*	46.245	N	7.327	E	10	G		0.4	5	SWITZERLAND	
19	11	02	33.8*	38.06	N	26.05	E	33	N	3.5	1.3	10	AEGEAN SEA	
19	11	35	52.8*	24.99	N	141.12	E	195	*	3.5	0.5	9	VOLCANO ISLANDS REGION	
19	11	50	11.6*	34.850	N	24.685	E	33	N	3.8	1.5	23	CRETE	
19	11	55	22.5*	32.40	S	70.28	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION	
19	12	02	40.0*	59.575	N	153.496	W	118				62	SOUTHERN ALASKA. <AEIC>.	
19	12	54	50.5*	44.614	N	149.563	E	33	N	3.7	1.4	14	KURIL ISLANDS	
19	13	22	35.0	2.741	N	128.669	E	115	*	4.6	1.0	49	HALMAHERA, INDONESIA	
19	13	30	53.2*	12.144	S	166.913	E	229	?	4.1	1.1	32	SANTA CRUZ ISLANDS	
19	14	15	21.5	34.359	N	25.196	E	96	?	3.8	1.0	29	CRETE	
19	14	23	19.7	39.366	N	139.328	E	35		4.2	0.6	21	NEAR WEST COAST OF HONSHU, JAPAN	
19	14	31	27.3*	10.635	S	164.653	E	33	N	4.3	1.1	24	SANTA CRUZ ISLANDS REGION	
19	15	19	54.1*	44.577	N	7.254	E	10	G		0.4	5	NORTHERN ITALY. ML 1.7 (GEN).	
19	15	55	20.2*	37.98	N	25.71	E	200	G	3.5	1.1	8	DODECANESE ISLANDS	
19	16	47	47.0*	36.453	N	71.411	E	100	G	3.9	1.6	16	AFGHANISTAN-TAJIKISTAN BORD REG.	
19	18	18	21.0	6.037	S	112.328	E	613	D	5.0	1.1	98	JAWA, INDONESIA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:18:24.3; Lat 6.12 S; Lon 112.26 E; Dep 626.9; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.56, Plg=8, Azm=9; (N) Val=0.19, Plg=9, Azm=100; (P) Val=-1.75, Plg=78, Azm=239; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=88, Dip=38, Slip=-105; NP2: Strike=287, Dip=53, Slip=-79.	
19	20	05	48.2*	46.288	N	7.489	E	10	G		0.3	6	SWITZERLAND	
19	20	26	53.5*	61.450	N	141.485	W	0	G			21	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).	
19	21	19	05.8	28.799	N	139.497	E	382	D	5.0	0.9	174	BONIN ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:19:08.9; Lat 28.65 N; Lon 140.02 E; Dep 397.9; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=27, Azm=73; (N) Val=0.11, Plg=10, Azm=168; (P) Val=-1.17, Plg=61, Azm=276; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=140, Dip=20, Slip=-120; NP2: Strike=351, Dip=73, Slip=-80.	
19	22	49	56.7*	24.120	N	123.023	E	33	N	4.0	1.1	16	SOUTHWESTERN RYUKYU ISLANDS	
19	23	21	40.4	1.370	N	122.564	E	32	D	5.2	5.4	1.1	88	MINAHASSA PENINSULA, SULAWESI. Mw 5.7 (GS). 5.7 (HRV). Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=4.09, Plg=51, Azm=236; (N) Val=0.01, Plg=20,

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22	01	06	16.7*	5.718	S	153.840	E	60	?	4.5	1.3	33	NEW IRELAND REGION, P.N.G.
22	01	50	29.8*	13.885	N	144.695	E	140		4.3	0.9	34	MARIANA ISLANDS. Felt (III) on Guam.
22	02	13	50.6	13.629	N	60.045	W	71	D	3.9	0.7	23	WINDWARD ISLANDS
22	02	52	52.7?	44.49	N	7.24	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).
22	02	59	38.9%	44.019	N	7.910	E	5	G		1.7	11	NORTHERN ITALY. ML 2.7 (GEN).
22	03	01	59.1	44.141	N	129.058	W	10	G	3.5 3.6	0.9	59	OFF COAST OF OREGON
22	03	49	48.2%	33.151	N	115.642	W	4				24	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.1 (GS). Felt.
22	04	22	57.0%	33.150	N	115.645	W	4				21	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.1 (GS). Felt.
22	05	54	12.3%	33.145	N	115.644	W	11				31	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.4 (GS). Felt.
22	06	27	40.1%	57.522	N	152.872	W	53		3.4		51	KODIAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC).
22	09	07	21.7%	62.280	N	148.302	W	36				72	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.4 (PMR).
22	09	31	39.4?	18.14	S	178.03	W	607	?	4.6	1.0	25	FIJI ISLANDS REGION
22	09	41	36.0*	12.285	N	140.860	E	33	N	4.0	1.1	14	WESTERN CAROLINE ISLANDS
22	10	02	58.0*	49.427	N	154.637	E	169	D	3.3	1.1	9	KURIL ISLANDS
22	10	38	08.7	16.710	N	98.304	W	33	N	4.7	1.1	74	NEAR COAST OF GUERRERO, MEXICO
22	11	05	12.0*	51.885	N	30.404	W	10	G	3.6	1.1	11	NORTHERN MID-ATLANTIC RIDGE
22	11	12	12.0*	47.008	N	153.633	E	33	N	3.6	0.9	12	KURIL ISLANDS
22	11	45	15.3?	1.05	S	121.06	E	33	N	4.4	1.2	15	SULAWESI, INDONESIA
22	11	46	27.3*	25.721	S	69.837	E	10	G	4.3	0.7	19	SOUTH INDIAN OCEAN
22	12	57	22.0*	23.405	S	179.948	W	549	*	4.5	1.0	25	SOUTH OF FIJI ISLANDS
22	14	39	59.2?	10.29	N	83.75	W	33	N	3.9	1.1	9	COSTA RICA
22	15	01	27.8?	8.93	S	124.43	E	33	N	3.9	1.3	11	TIMOR REGION, INDONESIA
22	15	30	47.5*	20.176	N	108.607	W	10	G	4.4	1.2	18	REVILLA GIGEDO ISLANDS REGION
22	15	33	52.3*	16.170	S	173.164	W	33	N	4.6	1.0	28	TONGA ISLANDS
22	16	28	19.9?	3.53	S	143.89	E	33	N	4.1	1.1	7	NEAR N COAST OF NEW GUINEA, PNG.
22	17	43	13.3*	10.645	S	164.698	E	33	N	4.4	1.1	23	SANTA CRUZ ISLANDS REGION
22	18	28	52.8	43.172	N	13.577	E	10	G	3.3	1.3	55	CENTRAL ITALY. ML 3.1 (ROM).
22	19	04	08.9?	36.45	N	140.66	E	47	?		0.9	5	NEAR EAST COAST OF HONSHU, JAPAN
22	19	08	30.2?	32.02	N	132.03	E	33	N		0.7	4	SHIKOKU, JAPAN
22	20	09	57.0?	28.57	S	74.35	E	10	G	4.3	0.8	10	MID-INDIAN RIDGE
22	20	26	33.4	21.171	S	178.099	W	443	D	4.8	0.8	120	FIJI ISLANDS REGION
22	21	07	47.1*	64.958	N	17.446	W	10	G	3.6	1.2	11	ICELAND
22	21	33	45.9?	15.33	S	173.25	W	33	N	4.0	1.4	19	TONGA ISLANDS
22	21	44	14.2?	18.76	N	67.29	W	10	G		1.2	5	MONA PASSAGE
22	22	57	29.3?	45.61	N	149.12	E	33	N	3.8	0.3	8	KURIL ISLANDS
22	23	23	28.4*	15.329	S	173.502	W	33	N	4.6	1.0	44	TONGA ISLANDS
22	23	30	34.1	1.956	N	79.596	W	33	N	4.3	1.2	30	NEAR COAST OF ECUADOR
23	00	49	07.9%	63.446	N	151.052	W	6				43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
23	01	57	22.9	5.900	N	77.584	W	33	N	5.5 4.9	0.8	321	NEAR WEST COAST OF COLOMBIA. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:57:26.9; Lat 6.06 N; Lon 77.56 W; Dep 15.9; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.86, Plg=53, Azm=88; (N) Val=-0.07, Plg=1, Azm=356; (P) Val=-3.79, Plg=37, Azm=265; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=349, Dip=8, Slip=82; NP2: Strike=176, Dip=82, Slip=91.
23	03	38	42.4	55.997	S	27.778	W	137	D	5.1	1.0	78	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:38:44.1; Lat 56.01 S; Lon 27.27 W; Dep 124.7; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.14, Plg=62, Azm=120; (N) Val=-0.30, Plg=26, Azm=323; (P) Val=-0.84, Plg=9, Azm=228; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=290, Dip=42, Slip=49; NP2: Strike=159, Dip=59, Slip=121.
23	03	47	58.4	27.148	S	70.171	W	71	D	4.3	1.0	47	NEAR COAST OF NORTHERN CHILE
23	06	42	01.9*	14.002	S	76.394	W	56	D	3.8	1.0	16	NEAR COAST OF PERU. Felt (III) at Chincha Alta, Ica and Pisco; (II) at San Vicente de Canete.
23	07	44	28.3*	32.089	S	179.533	E	451	?	4.2	1.1	20	SOUTH OF KERMADEC ISLANDS
23	08	30	07.0%	63.260	N	149.759	W	103				83	CENTRAL ALASKA. <AEIC>.
23	09	10	02.3%	37.617	N	118.872	W	3				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
23	09	23	04.1%	37.623	N	118.871	W	3				27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
23	09	36	31.2	38.705	N	142.098	E	33	D	4.8	0.9	80	NEAR EAST COAST OF HONSHU, JAPAN
23	09	49	51.4%	44.384	N	7.370	E	10	G		0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
23	10	28	02.1	55.673	S	26.954	W	33	N	4.7	0.8	37	SOUTH SANDWICH ISLANDS REGION
23	11	16	54.5?	4.20	N	126.02	E	33	N	4.0	1.3	8	TALAUD ISLANDS, INDONESIA
23	12	00	20.9*	28.060	N	54.776	E	33	N	4.0	0.6	13	SOUTHERN IRAN
23	12	15	33.3*	54.746	N	161.964	E	33	N	4.1	0.9	12	NEAR EAST COAST OF KAMCHATKA
23	14	04	51.8%	62.071	N	148.869	W	39				77	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
23	14	46	24.0	5.427	S	154.150	E	141	*	4.7	1.0	35	SOLOMON ISLANDS
23	14	46	50.0*	37.990	N	72.992	E	153	*	4.1	0.9	19	TAJIKISTAN
23	15	04	09.8	28.920	S	67.543	W	125	D	4.5	1.0	69	LA RIOJA PROVINCE, ARGENTINA
23	16	36	06.0	8.770	S	153.727	E	33	N	4.5	1.2	33	D'ENTRECASTEAUX ISLANDS REGION
23	16	55	52.8*	16.825	S	173.532	W	33	N	4.7	1.0	43	TONGA ISLANDS
23	17	27	21.8	9.737	N	126.184	E	63	*	4.7	1.0	46	MINDANAO, PHILIPPINE ISLANDS
23	18	27	54.4	6.638	S	154.837	E	93	*	4.5	0.9	34	SOLOMON ISLANDS
23	18	34	50.4?	0.46	S	135.98	E	33	N	4.2	0.5	10	IRIAN JAYA REGION, INDONESIA
23	18	52	36.5	55.622	N	162.936	E	41	D	4.1	0.8	21	NEAR EAST COAST OF KAMCHATKA
23	19	25	46.9	13.841	S	171.751	E	598	*	4.4	1.1	104	VANUATU ISLANDS REGION
23	19	38	44.5?	12.46	S	126.65	E	33	N	4.7	0.5	8	SOUTH OF TIMOR, INDONESIA
23	20	22	21.2	9.247	S	113.479	E	33	N	4.7	1.1	38	SOUTH OF JAWA, INDONESIA
23	20	45	20.6	34.966	N	34.808	E	10	G	4.0	0.9	26	CYPRUS REGION. ML 4.0 (JER). Felt in Lebanon.
23	22	53	56.5	31.359	N	138.288	E	377		3.8	0.8	32	SOUTH OF HONSHU, JAPAN
23	23	51	13.6*	32.707	N	76.492	E	35	?	4.2	1.2	18	KASHMIR-INDIA BORDER REGION
24	00	01	06.2*	13.646	N	145.134	E	110		3.8	0.8	15	MARIANA ISLANDS
24	00	04	07.8%	61.481	N	150.162	W	32				60	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
24	00	36	06.0	33.830	N	38.202	W	10	G	4.2	0.7	22	NORTHERN MID-ATLANTIC RIDGE
24	01	38	27.5?	14.54	S	166.36	E	33	N	4.2	0.9	12	VANUATU ISLANDS
24	02	43	39.6*	6.709	S	153.949	E	33	N	3.9	0.5	9	NEW BRITAIN REGION, P.N.G.

24	02	58	40.32	0.47	N	97.58	E	33	N	4.1	1.1	7	NORTHERN SUMATERA, INDONESIA
24	02	59	17.8	44.079	N	7.097	E	10	G		0.1	5	NORTHERN ITALY. ML 1.9 (GEN).
24	06	06	06.5	44.115	N	8.042	E	5	G		0.4	8	NORTHERN ITALY. ML 2.1 (GEN).
24	06	34	38.2	28.074	N	53.575	E	33	N	4.0	0.8	14	SOUTHERN IRAN
24	06	35	58.7	27.847	N	53.594	E	33	N	4.9 4.7	0.9	116	SOUTHERN IRAN. Mw 5.2 (HRV). Twenty people injured and some damage in the Khonj area. Centroid, Moment Tensor (HRV): Centroid origin time 06:36:01.0; Lat 27.74 N; Lon 53.12 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.47, Plg=67, Azm=201; (N) Val=0.57, Plg=1, Azm=109; (P) Val=-8.03, Plg=23, Azm=19; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=107, Dip=22, Slip=88; NP2: Strike=289, Dip=68, Slip=91.
24	09	49	10.4	51.637	N	15.895	E	10	G		1.3	7	POLAND. ML 2.5 (MOX).
24	10	05	46.3	43.24	N	147.36	E	139	?	3.7	1.1	8	KURIL ISLANDS
24	10	16	00.2	51.673	N	16.162	E	10	G		0.6	10	POLAND
24	12	22	40.1	35.20	S	71.28	W	100	G		0.2	10	CENTRAL CHILE. MD 3.3 (SAN).
24	12	37	22.7	4.30	S	151.70	E	33	N	4.4	0.9	6	NEW BRITAIN REGION, P.N.G.
24	12	41	10.5	9.824	N	124.038	E	300	G	4.0	0.5	17	MINDANAO, PHILIPPINE ISLANDS
24	12	41	23.1	45.435	N	26.273	E	142	?		0.6	12	ROMANIA
24	12	53	28.9	9.741	N	124.689	E	317	*	4.1	0.8	18	MINDANAO, PHILIPPINE ISLANDS
24	13	39	57.6	59.370	N	141.187	W	10	G			15	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
24	13	54	00.2	6.068	S	146.399	E	113	*	4.1	1.4	19	EASTERN NEW GUINEA REG., P.N.G.
24	14	00	38.3	16.40	N	61.60	W	100	G		0.1	5	LEEWARD ISLANDS. MD 3.1 (TRN).
24	14	53	12.7	17.695	S	178.647	W	569	*	4.3	1.0	25	FIJI ISLANDS REGION
24	15	02	02.9	18.746	N	147.078	E	65	*	4.3	1.2	28	MARIANA ISLANDS REGION
24	15	10	43.8	45.229	N	150.173	E	10	G	4.0	1.1	18	KURIL ISLANDS
24	15	49	35.0	4.778	S	138.289	E	33	N	4.4	1.2	20	IRIAN JAYA, INDONESIA
24	16	23	43.4	34.387	N	72.209	E	40	*	4.1	1.0	28	PAKISTAN
24	17	01	01.9	34.61	S	71.08	W	75	G		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 2.7 (SAN).
24	17	09	41.0	56.137	S	27.090	W	147	?	4.5	0.9	23	SOUTH SANDWICH ISLANDS REGION
24	19	11	04.4	3.49	S	147.56	E	33	N	4.1	1.0	7	BISMARCK SEA
24	19	31	46.8	51.350	N	15.627	E	10	G		0.4	5	POLAND
24	20	41	15.9	2.683	N	128.594	E	214	*	4.3	0.8	16	HALMAHERA, INDONESIA
24	21	07	23.9	33.68	S	71.87	W	33	N		0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
24	22	08	09.3	32.97	S	71.98	W	33	N		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
24	22	25	01.3	1.605	S	100.523	E	64	D	4.1	1.0	23	SOUTHERN SUMATERA, INDONESIA
24	22	50	52.4	20.713	N	95.093	E	125	D	4.4	0.8	36	MYANMAR
24	23	03	39.2	4.219	N	123.197	E	573	*	4.1	0.8	16	CELEBES SEA
24	23	44	37.9	7.990	S	129.276	E	33	N	4.1	1.3	18	BANDA SEA
25	00	22	48.4	0.19	S	126.95	E	33	N	4.1	1.4	10	SOUTHERN MOLUCCA SEA
25	00	31	56.4	43.428	N	127.573	W	10	G	3.0	0.5	43	OFF COAST OF OREGON
25	00	44	55.9	32.283	S	69.965	W	100	G		0.7	12	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
25	01	25	39.2	13.957	N	145.352	E	125		3.8	0.8	15	MARIANA ISLANDS
25	01	56	53.9	34.392	N	118.652	W	17				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). ML 2.5 (GS).
25	02	42	47.6	34.51	S	72.47	W	10	G		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
25	03	12	00.5	36.61	N	139.44	E	33	N		0.2	4	EASTERN HONSHU, JAPAN
25	03	38	22.1	51.49	N	16.09	E	10	G		0.5	8	POLAND. ML 2.5 (MOX).
25	05	15	05.1	51.911	N	30.093	W	33	N	3.5	0.9	11	NORTHERN MID-ATLANTIC RIDGE
25	06	07	21.3	37.879	N	139.186	E	10	G		0.5	5	EASTERN HONSHU, JAPAN
25	07	08	26.6	64.513	N	162.846	W	10	G	3.8	0.9	47	NORTHERN ALASKA. ML 3.5 (AEIC).
25	07	25	12.7	11.456	N	60.726	W	33	N		0.6	6	WINDWARD ISLANDS. MD 3.5 (TRN).
25	07	29	41.5	11.46	N	60.55	W	5	G		0.4	5	WINDWARD ISLANDS. MD 2.6 (TRN).
25	08	09	36.1	24.100	S	179.805	W	545	?	4.4	1.0	28	SOUTH OF FIJI ISLANDS
25	08	37	48.6	13.18	S	167.00	E	252	?	4.5	1.1	23	VANUATU ISLANDS
25	08	43	29.7	52.820	N	9.095	E	10	G		1.0	8	GERMANY
25	08	58	49.1	37.293	N	72.112	E	108	?	4.1	1.0	17	TAJIKISTAN
25	11	05	18.3	5.791	N	77.263	W	33	N	3.9	0.8	16	NEAR WEST COAST OF COLOMBIA
25	12	09	55.6	1.848	S	102.421	E	221	*	4.6	0.9	43	SOUTHERN SUMATERA, INDONESIA
25	12	51	16.4	48.761	N	128.427	W	10	G	3.6	1.1	38	VANCOUVER ISLAND REGION
25	13	23	40.7	64.561	N	163.714	W	20	G	3.6		67	NORTHERN ALASKA. <AEIC>. ML 4.0 (AEIC).
25	14	58	51.4	32.52	N	143.15	E	10	G		0.4	8	SOUTH OF HONSHU, JAPAN
25	16	27	25.2	28.131	N	130.359	E	33	N		0.2	5	RYUKYU ISLANDS
25	16	55	52.5	4.234	N	123.299	E	519	*	4.0	0.6	25	CELEBES SEA
25	17	00	57.5	27.886	N	53.521	E	33	N	4.7	0.6	49	SOUTHERN IRAN. Felt in the Khonj area.
25	17	52	18.2	23.23	S	172.49	E	33	N	4.5	1.5	19	LOYALTY ISLANDS REGION
25	18	01	37.1	60.407	N	152.993	W	121				72	SOUTHERN ALASKA. <AEIC>.
25	18	09	03.3	6.081	S	143.118	E	59	?	4.1	1.3	14	NEW GUINEA, PAPUA NEW GUINEA
25	19	40	11.7	10.30	S	75.60	W	16	D	3.8	1.0	12	CENTRAL PERU
25	19	51	56.3	36.630	N	141.593	E	33	N	4.1	0.9	35	NEAR EAST COAST OF HONSHU, JAPAN
25	19	59	25.0	36.73	N	141.35	E	33	N		0.7	6	NEAR EAST COAST OF HONSHU, JAPAN
25	20	51	35.0	30.084	N	131.425	E	33	N		1.1	5	KYUSHU, JAPAN
25	21	11	26.6	40.401	N	125.453	W	2		3.9		57	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. Mw 3.9 (BRK). MD 3.5 (GM). ML 3.6 (GS). Scalar Moment (BRK): Mo=7.9*10**14 Nm.
25	21	14	21.9	27.977	N	53.497	E	33	N	3.8	0.6	12	SOUTHERN IRAN
25	22	08	56.6	1.074	N	123.689	E	33	N	4.3	0.9	15	MINAHASSA PENINSULA, SULAWESI
25	22	09	07.5	35.579	S	72.882	W	33	N	4.3	0.7	14	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
26	00	57	25.9	62.483	N	149.809	W	52				22	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
26	01	43	44.5	22.191	S	171.475	E	108	D	5.6	1.1	172	LOYALTY ISLANDS REGION. Mw 6.2 (GS), 6.0 (HRV). Me 5.6 (GS). Felt at Noumea, New Caledonia. Broadband Source Parameters (GS): Dep 90; Radiated energy 6.3*10**12 Nm. Complex earthquake, with two events occurring about 1.5 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 95; Principal axes (scale 10**18 Nm): (T) Val=1.88, Plg=42, Azm=301; (N) Val=0.02, Plg=48, Azm=113; (P) Val=-1.90, Plg=4, Azm=207; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=335, Dip=58, Slip=150; NP2: Strike=82, Dip=65, Slip=35. Centroid, Moment Tensor (HRV): Centroid origin time 01:43:50.0; Lat 22.49 S; Lon 171.55 E; Dep 112.3; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.45, Plg=48, Azm=316; (N) Val=-0.32, Plg=41, Azm=123;

(P) Val=-1.13, Plg=7, Azm=219; Best double couple:
 Mo=1.3*10**18 Nm; NP1: Strike=345, Dip=52, Slip=146; NP2:
 Strike=97, Dip=63, Slip=43.
 Scalar Moment (PPT): Mo=8.9*10**17 Nm.

26	02	11	16.5*	20.750	S	178.484	W	334	*	4.4	1.4	59	FIJI ISLANDS REGION
26	02	39	26.37	36.26	N	71.68	E	33	N	3.6	0.4	8	AFGHANISTAN-TAJIKISTAN BORD REG.
26	03	17	02.27	14.97	S	173.31	W	33	N	3.9	1.0	12	SAMOA ISLANDS REGION
26	04	43	43.0	30.495	N	130.704	E	71		4.3	1.0	46	KYUSHU, JAPAN
26	05	26	28.5%	33.057	S	70.813	W	70	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
26	06	06	12.8%	60.184	N	153.333	W	131			11	SOUTHERN ALASKA. <AEIC>.	
26	06	08	31.0	31.604	N	138.295	E	355		4.5	0.8	55	SOUTH OF HONSHU, JAPAN
26	06	56	33.7%	11.488	N	60.279	W	33	N		0.3	8	WINDWARD ISLANDS. MD 3.3 (TRN).
26	06	58	58.37	55.87	S	26.35	W	33	N	4.0	1.2	12	SOUTH SANDWICH ISLANDS REGION
26	07	05	02.07	11.79	N	124.36	E	33	N	4.1	1.1	11	LEYTE, PHILIPPINE ISLANDS
26	07	15	18.4	22.580	N	45.035	W	10	G	4.1	1.0	25	NORTHERN MID-ATLANTIC RIDGE
26	07	30	52.1*	35.714	N	137.548	E	10	G	4.0	1.3	5	EASTERN HONSHU, JAPAN
26	07	31	01.2	22.697	N	45.101	W	10	G	4.5	1.0	62	NORTHERN MID-ATLANTIC RIDGE
26	07	37	06.7*	11.255	S	113.093	E	33	N	4.2	1.3	25	SOUTH OF JAWA, INDONESIA
26	07	55	46.3	22.612	N	45.083	W	10	G	4.4	1.0	51	NORTHERN MID-ATLANTIC RIDGE
26	08	34	29.9*	12.417	S	166.570	E	33	N	3.9	1.1	13	SANTA CRUZ ISLANDS
26	08	58	27.9	53.661	N	154.036	E	460	D	4.8	0.8	156	SEA OF OKHOTSK
26	09	31	08.7*	39.339	N	72.442	E	66	*	3.8	1.0	17	KYRGYZSTAN
26	10	08	17.8	44.002	N	150.312	E	33	N	4.3	1.3	38	EAST OF KURIL ISLANDS
26	10	44	02.8*	31.752	N	140.812	E	10	G	4.1	1.1	21	SOUTH OF HONSHU, JAPAN
26	12	36	27.0	6.153	S	154.109	E	33	N	4.2	1.0	25	SOLOMON ISLANDS
26	12	50	25.7*	17.005	N	69.046	W	83	*	3.8	0.9	13	DOMINICAN REPUBLIC REGION
26	13	00	10.2%	64.840	N	146.748	W	11			6	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).	
26	13	58	17.4*	30.418	N	142.265	E	33	N	3.6	0.8	10	SOUTH OF HONSHU, JAPAN
26	14	25	01.5%	34.070	S	70.770	W	80	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
26	14	34	05.8	32.725	N	142.574	E	33	N	3.9	1.3	17	SOUTH OF HONSHU, JAPAN
26	14	59	00.2	32.638	N	142.435	E	33	N	4.6	0.8	45	SOUTH OF HONSHU, JAPAN
26	15	55	11.9*	1.282	N	126.058	E	33	N	4.3	0.8	13	NORTHERN MOLUCCA SEA
26	19	11	28.7%	63.504	N	151.338	W	13			10	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).	
26	19	25	11.5*	44.773	N	149.245	E	33	N	3.5	0.7	7	KURIL ISLANDS
26	20	26	04.4*	16.606	N	98.105	W	33	N	4.2	1.1	28	NEAR COAST OF GUERRERO, MEXICO
26	20	26	07.57	10.11	S	150.31	E	109	?	3.7	1.0	10	EASTERN NEW GUINEA REG., P.N.G.
26	20	38	15.7	34.834	N	138.160	E	33	N	4.1	1.1	33	NEAR S. COAST OF HONSHU, JAPAN
26	21	44	18.4	38.316	N	20.394	E	10	G		1.3	57	GREECE. ML 4.7 (ROM).
26	23	36	20.5	19.386	N	105.167	W	33	N	4.0	1.1	15	NEAR COAST OF JALISCO, MEXICO
27	00	01	38.6*	51.469	N	15.866	E	10	G		0.6	12	POLAND. ML 3.3 (VIE), 3.1 (MOX).
27	00	14	59.17	38.70	N	70.84	E	56	?	3.6	1.1	10	AFGHANISTAN-TAJIKISTAN BORD REG.
27	01	52	35.0	39.344	N	15.469	E	269		4.1	1.0	50	SOUTHERN ITALY
27	01	59	04.8*	3.254	S	130.522	E	33	N	4.3	1.4	15	SERAM, INDONESIA
27	02	00	29.37	38.34	S	78.24	E	10	G	4.4	1.2	12	MID-INDIAN RIDGE
27	02	17	33.67	5.20	S	148.08	E	33	N	3.4	0.9	5	NEW BRITAIN REGION, P.N.G.
27	02	27	54.7	35.359	N	89.456	E	33	N	4.2	0.6	23	XIZANG
27	02	37	18.9*	36.661	N	31.936	E	33	N	3.9	1.2	12	TURKEY
27	03	07	17.97	10.15	S	115.55	E	33	N	4.3	1.1	10	SOUTH OF BALI, INDONESIA
27	03	19	38.9*	43.870	N	149.237	E	33	N	4.0	1.3	25	EAST OF KURIL ISLANDS
27	03	54	47.17	43.70	N	147.11	E	73	?	4.1	0.6	7	KURIL ISLANDS
27	04	39	04.87	35.38	S	179.64	W	96	?	4.6	1.2	19	EAST OF NORTH ISLAND, N.Z.
27	05	45	30.6	9.947	N	124.093	E	65		4.9	0.8	69	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV). Felt (I RF) at Palo, Leyte.

Centroid, Moment Tensor (HRV): Centroid origin time
 05:45:27.9; Lat 9.85 N; Lon 124.08 E; Dep 27.7; Half-
 duration 1.1 sec; Principal axes (scale 10**16 Nm): (T)
 Val=9.61, Plg=57, Azm=233; (N) Val=-3.71, Plg=31, Azm=27;
 (P) Val=-5.90, Plg=12, Azm=124; Best double couple:
 Mo=7.8*10**16 Nm; NP1: Strike=247, Dip=42, Slip=139; NP2:
 Strike=10, Dip=64, Slip=55.

27	05	57	49.27	35.97	S	178.93	W	33	N	4.6	1.2	17	EAST OF NORTH ISLAND, N.Z.
27	06	42	18.4%	44.787	N	7.633	E	33	N		0.4	11	NORTHERN ITALY. ML 2.5 (GEN).
27	06	55	35.8*	23.764	S	179.824	W	460	?	4.2	1.1	25	SOUTH OF FIJI ISLANDS
27	06	57	25.0*	32.730	S	71.712	W	33	N		1.0	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
27	07	19	57.1*	5.583	S	147.374	E	198		4.9	1.0	24	EASTERN NEW GUINEA REG., P.N.G.
27	08	04	38.97	7.98	S	117.80	E	33	N	4.1	1.0	12	BALI SEA
27	09	32	14.17	35.75	N	141.04	E	10	G		0.4	5	NEAR EAST COAST OF HONSHU, JAPAN
27	09	40	24.2*	13.677	N	145.117	E	141		3.9	0.8	22	MARIANA ISLANDS
27	09	55	28.3%	60.981	N	146.983	W	20			74	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).	
27	10	20	43.9	38.621	N	98.347	E	33	N	4.4	1.0	29	QINGHAI, CHINA
27	10	40	04.2%	63.110	N	149.308	W	88		2.7	92	CENTRAL ALASKA. <AEIC>.	
27	11	19	59.3%	60.082	N	151.443	W	60			51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).	
27	11	40	14.7	40.686	N	19.910	E	10	G	3.4	1.3	18	ALBANIA
27	12	26	03.3*	2.265	S	138.632	E	33	N	4.0	0.9	15	IRIAN JAYA, INDONESIA
27	14	25	41.5*	36.455	N	25.363	E	79	?	4.2	1.3	26	DODECANESE ISLANDS
27	14	56	54.5*	36.502	N	25.304	E	87	?	3.9	1.5	21	DODECANESE ISLANDS
27	15	19	50.07	5.19	S	145.87	E	150	?	4.2	1.3	6	EASTERN NEW GUINEA REG., P.N.G.
27	15	22	51.2*	22.050	S	179.619	W	567	?	4.6	1.0	31	SOUTH OF FIJI ISLANDS
27	15	50	50.77	34.33	S	70.51	W	100	G		1.0	6	CHILE-ARGENTINA BORDER REGION
27	16	52	01.5*	36.352	N	25.417	E	88	?	3.7	0.9	12	DODECANESE ISLANDS
27	17	47	41.5*	23.506	S	179.722	W	497	*	4.7	1.0	46	SOUTH OF FIJI ISLANDS
27	19	19	04.9*	51.631	N	15.943	E	10	G		1.1	8	POLAND
27	20	05	45.8	51.165	N	156.411	E	101	D	4.2	1.0	52	KAMCHATKA
27	20	50	29.07	35.79	N	139.42	E	10	G		0.1	4	NEAR S. COAST OF HONSHU, JAPAN
27	21	25	53.5*	2.471	N	128.648	E	220	G	3.8	0.8	10	HALMAHERA, INDONESIA
27	21	43	50.47	0.61	N	123.73	E	33	N	3.6	0.6	8	MINAHASSA PENINSULA, SULAWESI
27	21	50	12.77	11.78	N	89.39	W	32		3.2	1.4	17	OFF COAST OF CENTRAL AMERICA. MD 3.3 (SSS). Felt (II) at San Salvador, El Salvador.
27	23	15	28.6*	32.015	S	68.417	W	116	*	3.8	0.6	16	MENDOZA PROVINCE, ARGENTINA
28	00	43	15.8	49.049	N	154.994	E	86	D	4.6	1.1	71	KURIL ISLANDS
28	00	58	02.2	45.164	N	150.680	E	33	N	4.4	0.9	68	KURIL ISLANDS
28	01	02	09.9	45.358	N	150.736	E	33	N	4.8	0.9	122	KURIL ISLANDS. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time

01:02:12.5; Lat 45.30 N; Lon 151.06 E; Dep 26.5; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=7.66, Plg=64, Azm=282; (N) Val=-0.69, Plg=6, Azm=25; (P) Val=-6.96, Plg=25, Azm=118; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=221, Dip=21, Slip=108; NP2: Strike=23, Dip=70, Slip=83.

28	01	14	32.4?	35.81	N	141.00	E	33	N	0.9	5	NEAR EAST COAST OF HONSHU, JAPAN
28	01	18	09.3	35.538	N	141.251	E	28		0.9	22	NEAR EAST COAST OF HONSHU, JAPAN
28	01	26	21.6	10.069	S	128.660	E	33	N	0.7	16	TIMOR SEA
28	01	45	12.5?	35.74	N	140.96	E	10	G	0.3	4	NEAR EAST COAST OF HONSHU, JAPAN
28	04	43	59.3&	40.272	N	124.408	W	23			13	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.6 (GM).
28	04	47	26.6	4.443	S	144.579	E	62	4.6	0.7	36	NEAR N COAST OF NEW GUINEA, PNG.
28	04	50	12.8	42.008	N	42.186	E	33	N	1.0	59	NORTHWESTERN CAUCASUS. Slight damage in the Ozurgeti area.
28	07	15	31.3?	5.72	S	150.99	E	115	?	1.5	11	NEW BRITAIN REGION, P.N.G.
28	08	01	45.5*	13.968	N	144.931	E	202	3.9	1.1	19	MARIANA ISLANDS
28	08	12	03.7	47.033	N	146.464	E	359	*	0.8	29	NORTHWEST OF KURIL ISLANDS
28	08	26	24.2*	61.871	S	154.890	E	10	G	1.2	24	BALLENY ISLANDS REGION
28	08	34	41.6*	5.760	N	126.292	E	112	*	1.1	32	MINDANAO, PHILIPPINE ISLANDS
28	09	16	23.0*	54.603	N	161.711	E	25	D	0.5	8	NEAR EAST COAST OF KAMCHATKA
28	09	47	54.8&	65.194	N	148.620	W	16			15	NORTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR). Felt in the Chena Hot Springs area.
28	11	03	12.6*	3.174	N	79.125	W	33	N	1.1	37	SOUTH OF PANAMA
28	11	29	17.5	6.712	S	153.747	E	33	N	1.0	39	NEW BRITAIN REGION, P.N.G.
28	12	29	46.4?	45.33	S	34.68	E	10	G	0.9	6	PRINCE EDWARD ISLANDS REGION
28	13	08	59.3*	49.191	N	6.829	E	10	G	0.5	5	GERMANY. Mining induced event in the Lorraine region, France.
28	13	38	57.4?	5.65	S	140.27	E	33	N	1.1	7	IRIAN JAYA, INDONESIA
28	14	02	55.5*	6.720	S	129.705	E	33	N	1.0	16	BANDA SEA
28	14	26	30.6*	38.630	N	30.227	W	10	G	0.9	17	AZORES ISLANDS
28	15	26	43.9	13.033	N	89.111	W	77		1.1	70	EL SALVADOR. MD 4.5 (SSS). Felt (III) at San Salvador.
28	15	37	05.9?	34.87	N	140.22	E	33	N	0.2	5	NEAR EAST COAST OF HONSHU, JAPAN
28	17	24	57.7&	36.983	N	121.644	W	4			30	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
28	17	26	01.2&	36.985	N	121.645	W	5			33	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). Felt at Gilroy.
28	17	48	11.7*	43.184	N	13.429	E	10	G	1.4	19	CENTRAL ITALY. ML 3.4 (VIE).
28	18	13	16.2	1.766	N	66.665	E	10	G	1.0	36	CARLSBERG RIDGE
28	18	14	02.6?	8.74	S	115.78	E	33	N	1.4	14	BALI REGION, INDONESIA
28	18	26	32.4*	35.050	N	35.276	W	10	G	1.3	11	NORTHERN MID-ATLANTIC RIDGE
28	19	39	14.5?	36.60	N	22.58	E	33	N	1.5	11	SOUTHERN GREECE
28	20	05	16.3*	2.291	S	134.033	E	33	N	1.3	14	IRIAN JAYA REGION, INDONESIA
28	21	14	14.5*	34.584	N	136.900	E	335	4.1	1.1	33	WESTERN HONSHU, JAPAN
28	21	27	01.8*	23.260	S	66.638	W	216	*	0.9	9	JUJUY PROVINCE, ARGENTINA
28	21	33	27.2?	19.73	S	168.44	E	33	N	1.6	21	VANUATU ISLANDS
28	21	53	23.4	24.053	N	121.735	E	48	D	1.0	53	TAIWAN
28	22	18	25.9*	37.496	N	48.645	E	33	N	1.2	12	NORTHWESTERN IRAN
28	22	55	08.1	11.089	N	57.516	E	31	D	1.2	32	ARABIAN SEA
29	00	06	49.9	5.540	S	153.744	E	81	*	0.9	31	NEW IRELAND REGION, P.N.G.
29	01	08	42.3&	35.592	N	116.890	W	6	G		26	CENTRAL CALIFORNIA. <PAS-P>. MD 3.0 (PAS).
29	01	09	06.5*	55.324	S	29.553	W	23	D	1.3	16	SOUTH SANDWICH ISLANDS REGION
29	01	37	00.7*	45.229	N	150.598	E	33	N	0.9	29	KURIL ISLANDS
29	02	45	57.0?	18.68	N	67.12	W	33	N	0.8	6	MONA PASSAGE
29	03	36	05.6	43.766	N	147.377	E	33	N	1.0	24	KURIL ISLANDS
29	04	36	02.3*	16.473	S	177.502	E	33	N	0.5	15	FIJI ISLANDS
29	05	06	57.5	21.971	N	99.151	E	33	N	0.9	25	MYANMAR-CHINA BORDER REGION
29	05	41	52.2?	35.49	N	24.80	E	135	?	0.8	14	CRETE
29	06	04	09.2	36.041	N	21.983	E	45	*	0.8	21	SOUTHERN GREECE
29	06	16	35.5&	10.631	N	61.320	W	33	N	0.4	5	TRINIDAD. MD 2.8 (TRN).
29	08	12	00.5*	34.508	N	26.854	E	10	G	0.8	10	CRETE
29	08	17	04.6*	24.148	S	66.812	W	197	*	0.9	13	SALTA PROVINCE, ARGENTINA
29	09	24	06.0*	28.131	N	51.593	E	33	N	0.6	15	SOUTHERN IRAN
29	09	53	20.5&	18.106	N	67.676	W	33	N	0.3	5	MONA PASSAGE
29	10	08	34.2*	55.313	S	29.283	W	33	N	1.8	20	SOUTH SANDWICH ISLANDS REGION
29	10	38	57.9*	55.358	S	29.472	W	33	N	1.2	17	SOUTH SANDWICH ISLANDS REGION
29	10	57	18.0?	9.30	S	128.66	E	33	N	1.4	7	TIMOR SEA
29	11	37	04.9*	3.705	S	140.317	E	33	N	0.5	11	IRIAN JAYA, INDONESIA
29	11	41	26.4*	4.008	S	80.965	W	67	?	1.1	29	PERU-ECUADOR BORDER REGION
29	11	57	02.9*	18.058	N	69.637	W	52	*	1.1	20	DOMINICAN REPUBLIC REGION
29	12	03	54.5&	62.027	N	150.927	W	70			12	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
29	12	45	02.4&	65.669	N	145.090	W	12			19	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
29	12	45	20.2*	46.890	S	33.358	E	10	G	1.0	17	PRINCE EDWARD ISLANDS REGION
29	12	51	44.6?	46.69	N	13.21	E	10	G	0.5	4	AUSTRIA. ML 2.0 (VIE).
29	13	09	02.0	38.143	N	75.609	E	136	*	1.0	23	SOUTHERN XINJIANG, CHINA
29	13	33	14.7	13.101	S	167.042	E	173	D	1.0	57	VANUATU ISLANDS
29	13	40	48.8*	44.495	N	148.404	E	33	N	1.2	11	KURIL ISLANDS
29	13	59	57.1*	24.046	S	66.723	W	200	*	0.6	13	SALTA PROVINCE, ARGENTINA
29	15	11	47.4	5.932	S	147.115	E	78	4.3	1.0	29	EASTERN NEW GUINEA REG., P.N.G.
29	16	13	58.2&	59.983	N	153.206	W	121	3.4		19	SOUTHERN ALASKA. <AEIC>.
29	16	15	02.0	15.392	N	46.676	W	10	G	0.9	49	NORTHERN MID-ATLANTIC RIDGE
29	16	54	04.5	49.926	N	7.367	E	10	G	1.3	31	GERMANY. ML 3.5 (LDG), 3.4 (STR).
29	17	06	44.2*	46.501	N	152.567	E	51	D	1.3	22	KURIL ISLANDS
29	17	22	25.4*	30.642	N	70.270	E	33	N	1.0	12	PAKISTAN
29	19	34	28.4*	33.796	N	105.775	E	33	N	0.8	7	GANSU, CHINA
29	21	17	01.9*	17.043	S	64.738	W	28	D	1.3	7	CENTRAL BOLIVIA
29	21	18	38.7*	38.091	N	138.921	E	33	N	0.4	5	NEAR WEST COAST OF HONSHU, JAPAN
29	22	03	28.5*	10.905	S	162.757	E	93	?	1.1	21	SOLOMON ISLANDS
29	22	35	01.7?	2.73	S	138.52	E	33	N	1.4	5	IRIAN JAYA, INDONESIA
29	23	05	31.8*	1.240	N	124.329	E	150	G	1.3	13	MINAHASSA PENINSULA, SULAWESI
29	23	36	40.4&	60.128	N	152.484	W	83	2.9		97	SOUTHERN ALASKA. <AEIC>.
30	01	32	09.5&	63.240	N	151.286	W	12			11	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.5 (PMR).
30	01	59	00.4	44.941	N	6.750	E	9		0.6	10	FRANCE. ML 2.2 (GEN), 1.9 (LDG).
30	03	03	32.1?	11.47	S	111.68	E	33	N	1.5	9	SOUTH OF JAWA, INDONESIA
30	03	04	37.6	56.720	S	26.311	W	84	D	1.1	94	SOUTH SANDWICH ISLANDS REGION. Mw 6.0 (HRV), 5.9 (GS). Me 5.8 (GS).

Broadband Source Parameters (GS): Dep 78; NP1: Strike=220, Dip=5, Slip=180; NP2: Strike=130, Dip=90, Slip=-85;

Radiated energy 1.0*10**13 Nm.
Moment Tensor (GS): Dep 76; Principal axes (scale 10**17 Nm): (T) Val=8.74, Plg=33, Azm=184; (N) Val=-0.10, Plg=31, Azm=297; (P) Val=-8.64, Plg=41, Azm=60; Best double couple: Mo=8.7*10**17 Nm; NP1: Strike=218, Dip=32, Slip=-171; NP2: Strike=120, Dip=86, Slip=-58.
Centroid, Moment Tensor (HRV): Centroid origin time 03:04:41.2; Lat 56.77 S; Lon 26.19 W; Dep 81.8; Half-duration 2.3 sec; Principal axes (scale 10**17 Nm): (T) Val=9.82, Plg=29, Azm=190; (N) Val=-0.60, Plg=27, Azm=297; (P) Val=-9.22, Plg=48, Azm=62; Best double couple: Mo=9.5*10**17 Nm; NP1: Strike=232, Dip=30, Slip=-158; NP2: Strike=123, Dip=80, Slip=-62.

30	04	06	12.5*	6.325 S	154.964 E	59 D	4.5	0.9	18	SOLOMON ISLANDS	
30	06	34	36.0*	23.635 S	178.749 E	600 G	4.6	0.8	21	SOUTH OF FIJI ISLANDS	
30	09	37	36.6?	16.28 N	116.18 W	10 G	4.1	1.1	19	EAST CENTRAL PACIFIC OCEAN	
30	09	55	21.4*	13.985 N	146.453 E	50 ?	4.1	1.3	24	SOUTH OF MARIANA ISLANDS	
30	10	00	13.0	44.701 N	96.590 E	33 N	4.7	4.0	69	MONGOLIA	
30	10	00	37.8&	47.440 N	115.820 W	1 G			12	MONTANA. <MACRO>. ML 3.6 (BUT). Rockburst at the Lucky Friday Mine near Mullan, Idaho.	
30	10	26	37.2*	38.810 N	21.686 E	33 N	3.8	1.3	15	GREECE	
30	10	51	03.1*	3.946 S	152.607 E	164 *	4.1	0.8	23	NEW IRELAND REGION, P.N.G.	
30	11	04	04.2	51.678 N	16.220 E	27 *	3.4	1.0	20	POLAND. ML 3.5 (VIE).	
30	11	19	32.0	10.859 N	64.932 W	31	4.0	1.0	25	NEAR COAST OF VENEZUELA	
30	13	23	23.4	58.289 N	142.803 W	10 G		1.0	63	GULF OF ALASKA. ML 3.2 (AEIC).	
30	14	27	32.1*	12.844 N	89.148 W	59 D	4.1	1.0	22	OFF COAST OF CENTRAL AMERICA. MD 4.1 (SSS). Felt (IV) at San Salvador, El Salvador.	
30	14	39	48.8*	1.859 S	99.899 E	33 N	4.3	0.6	17	SOUTHERN SUMATERA, INDONESIA	
30	15	45	04.6*	38.937 N	21.538 E	33 N	3.8	1.5	17	GREECE	
30	17	18	27.5?	25.05 N	123.16 E	33 N	3.8	0.7	6	NORTHEAST OF TAIWAN	
30	18	19	05.3	49.272 N	155.582 E	45 D	4.3	4.0	0.8	52	KURIL ISLANDS
30	19	22	57.0*	42.008 N	82.655 E	33 N	3.9	1.0	12	NORTHERN XINJIANG, CHINA	
30	19	33	27.8%	31.678 N	131.941 E	33 N		0.7	7	KYUSHU, JAPAN	
30	19	38	37.4	51.654 N	16.210 E	10 G		0.8	16	POLAND. ML 3.4 (GRF), 3.2 (VIE).	
30	19	42	39.7?	9.83 S	112.25 E	33 N	3.9	1.7	6	SOUTH OF JAWA, INDONESIA	
30	19	42	48.8&	36.685 N	121.307 W	5			59	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (GS).	
30	20	06	49.9	5.099 S	143.568 E	124 *	4.1	1.0	20	NEW GUINEA, PAPUA NEW GUINEA	
30	20	26	46.5?	4.81 S	151.52 E	153 ?	3.9	0.8	10	NEW BRITAIN REGION, P.N.G.	
30	20	35	55.6%	35.442 N	3.938 W	24		0.6	10	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).	
30	20	44	23.2?	31.15 S	69.39 W	140 G		0.6	10	SAN JUAN PROVINCE, ARGENTINA	
30	20	47	25.9%	36.580 N	2.865 W	10 G		0.7	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).	
30	21	26	51.8	6.242 S	131.495 E	33 N	4.7	1.1	40	TANIMBAR ISLANDS REG., INDONESIA	
30	21	40	10.0%	36.679 N	121.302 W	5			47	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).	
30	22	02	57.7%	36.683 N	121.303 W	5			71	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (GS).	
30	23	32	34.5*	37.788 N	19.860 E	10 G	3.5	1.0	12	IONIAN SEA	
31	00	12	23.3*	10.177 S	79.402 W	33 N	3.7	1.2	13	OFF COAST OF PERU	
31	00	12	32.7%	60.144 N	153.130 W	111	3.9		108	SOUTHERN ALASKA. <AEIC>.	
31	01	11	23.4%	63.539 N	150.678 W	13			48	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).	
31	01	31	37.3	5.504 S	147.998 E	243 D	5.3	1.0	201	EASTERN NEW GUINEA REG., P.N.G. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:31:40.8; Lat 5.79 S; Lon 148.25 E; Dep 251.0; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.85, Plg=51, Azm=88; (N) Val=-0.17, Plg=37, Azm=285; (P) Val=-1.68, Plg=8, Azm=189; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=244, Dip=49, Slip=37; NP2: Strike=128, Dip=63, Slip=133.	
31	02	16	56.0*	7.117 S	80.795 W	33 N	3.9	1.0	15	OFF COAST OF NORTHERN PERU	
31	02	40	29.7*	29.976 N	131.341 E	40 *	3.9	1.2	17	SOUTHEAST OF RYUKYU ISLANDS	
31	04	08	46.7?	37.59 N	20.09 E	33 N	3.7	0.3	9	IONIAN SEA	
31	04	17	42.3*	51.214 N	15.786 E	10 G		0.8	5	POLAND. ML 2.4 (MOX).	
31	06	34	34.0*	36.281 N	70.157 E	227 ?	3.5	0.9	10	HINDU KUSH REGION, AFGHANISTAN	
31	06	35	17.4?	32.39 S	72.14 W	33 N		0.6	10	OFF COAST OF CENTRAL CHILE	
31	07	48	59.0*	1.694 N	97.910 E	33 N	4.1	1.4	11	NORTHERN SUMATERA, INDONESIA	
31	07	58	10.9	14.400 N	145.971 E	104 D	4.2	1.0	35	MARIANA ISLANDS	
31	08	39	04.4	11.719 N	125.942 E	33 N	4.5	1.2	38	SAMAR, PHILIPPINE ISLANDS. Felt (II RF) at Palo, Leyte.	
31	08	47	12.5%	35.335 N	0.847 W	10 G		0.9	18	NORTHERN ALGERIA. mbLg 3.1 (MDD).	
31	08	56	43.5*	14.248 S	14.322 W	33 N	4.0	1.1	11	SOUTHERN MID-ATLANTIC RIDGE	
31	09	25	46.3	43.185 N	47.081 E	33 N	4.3	1.1	40	EASTERN CAUCASUS. Felt (III) at Kizilyurt.	
31	09	29	46.8*	18.151 N	121.366 E	33 N	4.1	1.2	16	LUZON, PHILIPPINE ISLANDS	
31	09	36	17.7	13.760 S	34.366 E	10 G	4.6	0.9	35	MALAWI	
31	09	44	47.2?	27.38 S	178.19 W	207 D	4.2	1.3	16	KERMADEC ISLANDS REGION	
31	10	15	21.5	10.824 N	125.258 E	99 D	5.0	1.0	90	LEYTE, PHILIPPINE ISLANDS. Mw 5.2 (HRV). Felt (II RF) at Palo. Centroid, Moment Tensor (HRV): Centroid origin time 10:15:27.9; Lat 11.03 N; Lon 125.67 E; Dep 111.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.57, Plg=44, Azm=87; (N) Val=-1.41, Plg=3, Azm=353; (P) Val=-7.98, Plg=45, Azm=260; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=254, Dip=4, Slip=9; NP2: Strike=353, Dip=89, Slip=-93.	
31	11	42	12.0	9.006 S	156.525 E	20 D	4.5	1.1	37	SOLOMON ISLANDS	
31	12	42	10.1	5.871 S	146.626 E	70 *	4.2	1.0	29	EASTERN NEW GUINEA REG., P.N.G.	
31	13	29	58.5?	21.96 N	142.94 E	205 ?	3.6	1.6	14	MARIANA ISLANDS REGION	
31	15	46	35.6*	32.954 N	140.495 E	33 N	4.5	1.2	14	SOUTH OF HONSHU, JAPAN	
31	16	14	58.5?	32.67 S	112.09 W	10 G	3.8	1.1	8	SOUTHERN EAST PACIFIC RISE	
31	16	54	26.7?	36.72 N	7.11 W	10 G		0.2	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).	
31	17	04	58.5%	59.832 N	152.623 W	84	2.6		89	SOUTHERN ALASKA. <AEIC>.	
31	17	14	23.3%	62.572 N	149.191 W	49			61	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).	
31	18	04	58.4%	61.231 N	150.754 W	44	3.8		96	SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.9 (PMR). Felt (III) at Palmer and Wasilla; (II) at Ekultna. Also felt at Anchorage.	
31	18	38	41.6*	23.450 N	94.048 E	83 ?	3.7	0.8	16	MYANMAR-INDIA BORDER REGION	
31	19	19	50.2	44.105 N	7.166 E	13 *		0.2	9	NORTHERN ITALY. ML 1.8 (LDG), 1.8 (GEN).	

31	19	40	27.0	54.206 N	169.401 E	20 G	4.5	1.1	54	KOMANDORSKY ISLANDS REGION
31	20	22	52.0*	35.916 N	137.793 E	10 G		0.9	5	EASTERN HONSHU, JAPAN
31	20	52	14.0*	58.302 N	151.392 W	11	3.7		85	KODIAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR).
31	21	22	07.6*	3.913 S	142.087 E	58 ?	3.9	1.3	13	NEAR N COAST OF NEW GUINEA, PNG.
31	23	55	28.5*	2.316 S	128.240 E	33 N	4.5	1.2	15	CERAM SEA

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.

Earthquakes located worldwide in May 1996

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

Earthquake epicenters in Alaska and adjacent regions for May 1996

Earthquake Focal Mechanisms for May 1996

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

JUNE 1996

ORIGIN TIME UTC DAY HR MN SEC	GEOGRAPHIC COORDINATES LAT LONG	DEPTH KM	MAGNITUDE GS MB Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01 00 24 43.3	16.986 N 60.900 W	33 N	4.3	0.9	27	LEEWARD ISLANDS
01 00 26 57.2*	6.868 S 129.588 E	100 G	4.3	1.5	13	BANDA SEA
01 00 27 30.9*	13.338 S 112.055 W	10 G	4.8 5.2	1.0	58	CENTRAL EAST PACIFIC RISE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:27:39.2; Lat 13.34 S; Lon 112.29 W; Dep 15.0 Bdy; Half- duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.23, Plg=6, Azm=324; (N) Val=0.23, Plg=68, Azm=218; (P) Val=-2.46, Plg=21, Azm=56; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=98, Dip=71, Slip=-11; NP2: Strike=192, Dip=80, Slip=-160. Scalar Moment (PPT): Mo=5.0*10**17 Nm.
01 00 35 49.5?	13.57 S 112.36 W	10 G	3.9	1.3	5	CENTRAL EAST PACIFIC RISE
01 00 37 02.0?	11.00 S 164.83 E	33 N	4.2	0.9	11	SANTA CRUZ ISLANDS REGION
01 00 52 24.8*	40.845 N 123.237 W	33			21	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (GS).
01 01 01 49.4?	24.81 S 179.68 E	500 G	4.1	1.0	11	SOUTH OF FIJI ISLANDS
01 03 01 32.8?	24.97 S 179.70 W	500 G	4.0	0.7	9	SOUTH OF FIJI ISLANDS
01 05 15 44.6*	62.076 N 148.081 W	36			60	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.6 (PMR).
01 07 14 58.3	30.708 S 121.420 E	10 G		0.5	6	WESTERN AUSTRALIA
01 07 22 23.9*	47.773 N 121.861 W	6			30	WASHINGTON. <SEA-P>. MD 3.2 (SEA).
01 08 06 36.3?	16.12 S 175.35 W	33 N	4.5	0.9	11	TONGA ISLANDS
01 09 14 22.4*	14.856 N 119.894 E	33 N	4.2	1.6	16	LUZON, PHILIPPINE ISLANDS
01 09 24 29.7	38.314 N 20.451 E	33 N	4.2	1.3	32	GREECE
01 09 45 50.5?	14.43 N 51.90 E	10 G	4.1	1.6	12	EASTERN GULF OF ADEN
01 09 46 22.7*	25.465 S 178.866 W	345 *	4.3	1.4	38	SOUTH OF FIJI ISLANDS
01 09 50 15.0*	17.320 N 62.217 W	10 G		1.2	6	LEEWARD ISLANDS
01 10 25 21.3*	44.467 N 148.019 E	33 N	3.5	0.9	8	KURIL ISLANDS
01 12 18 09.3?	6.55 S 155.15 E	33 N	3.7	0.8	6	SOLOMON ISLANDS
01 12 42 42.9*	61.267 N 151.374 W	73			48	SOUTHERN ALASKA. <AEIC>.
01 12 49 11.9	37.362 N 102.797 E	10 G	5.0 4.9	1.1	103	GANSU, CHINA. Mw 5.2 (HRV). Some houses damaged in the Tianzhu area. Felt strongly at Baiyin and Wuwei. Felt at Lanzhou. Also felt at Xining and in other parts of northeastern Qinghai. Centroid, Moment Tensor (HRV): Centroid origin time 12:49:17.0; Lat 37.36 N Fix; Lon 102.80 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=-7.09, Plg=0, Azm=144; (N) Val=0.67, Plg=75, Azm=54; (P) Val=-7.76, Plg=15, Azm=234; Best double couple: Mo=7.4*10**16 Nm; NP1: Strike=278, Dip=79, Slip=-11; NP2: Strike=10, Dip=79, Slip=-169.
01 15 12 08.1*	36.886 N 141.006 E	33 N		0.5	6	NEAR EAST COAST OF HONSHU, JAPAN
01 15 49 09.9*	47.230 N 113.171 W	10 G			60	MONTANA. <BUT-P>. ML 3.8 (BUT), 3.6 (GS).
01 16 06 56.8*	28.645 N 34.634 E	10 G	3.7	1.0	21	EGYPT. Felt in the Elat area, Israel.
01 16 39 32.5*	0.370 N 124.309 E	119 ?	4.3	1.3	27	MINAHASSA PENINSULA, SULAWESI
01 16 48 50.2?	32.55 S 71.83 W	10 G		0.5	10	NEAR COAST OF CENTRAL CHILE
01 17 08 03.2*	42.940 N 74.531 E	33 N	3.8	0.9	11	KYRGYZSTAN
01 17 51 37.5	51.680 N 16.132 E	5 G		0.9	17	POLAND. ML 3.6 (GRF), 3.4 (VIE), 3.2 (MOX), 3.1 (CLL).
01 18 03 49.4	41.437 N 76.022 E	33 N	4.3 4.1	1.0	33	KYRGYZSTAN-XINJIANG BORDER REG.
01 18 44 23.3*	18.183 S 174.021 W	33 N	4.5	0.9	19	TONGA ISLANDS
01 19 12 50.5	22.152 S 179.564 W	600 G	4.3	1.1	43	SOUTH OF FIJI ISLANDS
01 19 21 46.1	51.644 N 16.228 E	5 G		0.7	14	POLAND. ML 3.2 (GRF), 2.7 (MOX).
01 21 12 37.8?	16.69 S 179.27 W	500 G	3.5	0.3	7	FIJI ISLANDS REGION
01 22 04 53.3?	34.42 S 71.48 W	70 G		0.3	8	NEAR COAST OF CENTRAL CHILE
01 22 34 29.9*	2.889 N 79.632 W	23 D	4.0	1.3	19	SOUTH OF PANAMA
01 23 53 58.5*	36.652 N 71.046 E	200 G	4.0	1.4	22	AFGHANISTAN-TAJIKISTAN BORD REG.
01 23 57 27.9*	60.131 N 152.605 W	99			42	SOUTHERN ALASKA. <AEIC>.
02 00 02 19.0*	10.141 N 93.779 E	33 N	4.0	1.2	21	ANDAMAN ISLANDS, INDIA
02 00 39 15.5*	42.022 N 2.035 W	10 G		1.2	5	SPAIN. mbLg 2.6 (MDD).
02 00 45 19.6	5.842 S 80.972 W	33 N	4.5	1.0	37	NEAR COAST OF NORTHERN PERU
02 00 50 37.0	9.682 S 79.584 W	33 N	5.3 4.9	0.9	176	OFF COAST OF NORTHERN PERU. Mw 5.4 (HRV). Felt (III) at Chimbote and (II) at Casma and Huarney. Centroid, Moment Tensor (HRV): Centroid origin time

00:50:39.4; Lat 9.82 S; Lon 79.92 W; Dep 33.1; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.32, Plg=47, Azm=339; (N) Val=-0.15, Plg=31, Azm=109; (P) Val=-1.17, Plg=27, Azm=216; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=354, Dip=33, Slip=159; NP2: Strike=102, Dip=79, Slip=59.

02 01 14 22.2? 46.96 N 1.72 W 5 G 1.0 7 FRANCE. ML 2.4 (LDG).

02 01 35 27.9? 21.35 S 178.28 W 500 G 4.1 1.2 10 FIJI ISLANDS REGION

02 02 19 30.9 30.458 N 41.973 W 20 D 5.4 5.4 0.8 229 NORTHERN MID-ATLANTIC RIDGE. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:19:35.2; Lat 30.60 N; Lon 41.52 W; Dep 15.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.86, Plg=15, Azm=272; (N) Val=-0.30, Plg=8, Azm=4; (P) Val=-2.56, Plg=73, Azm=120; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=351, Dip=30, Slip=-106; NP2: Strike=189, Dip=61, Slip=-81.

02 02 25 16.6% 37.427 N 4.013 W 10 G 0.9 6 SPAIN. mbLg 2.3 (MDD).

02 02 35 20.8* 10.785 N 42.068 W 10 G 4.0 1.3 27 NORTHERN MID-ATLANTIC RIDGE

02 02 48 47.0 30.535 N 41.892 W 10 G 5.3 0.9 234 NORTHERN MID-ATLANTIC RIDGE

02 02 52 09.5 10.797 N 42.254 W 10 G 6.1 6.9 1.1 383 NORTHERN MID-ATLANTIC RIDGE. Mw 7.0 (HRV), 6.8 (GS). Me 7.1 (GS). Broadband Source Parameters (GS): Dep 9.5; NP1: Strike=275, Dip=75, Slip=179; NP2: Strike=5, Dip=89, Slip=15; Radiated energy 8.6*10**14 Nm. Moment Tensor (GS): Dep 13; Principal axes (scale 10**19 Nm): (T) Val=-2.00, Plg=2, Azm=231; (N) Val=0.26, Plg=81, Azm=334; (P) Val=-2.26, Plg=9, Azm=140; Best double couple: Mo=2.1*10**19 Nm; NP1: Strike=276, Dip=82, Slip=-175; NP2: Strike=185, Dip=85, Slip=-8. Centroid, Moment Tensor (HRV): Centroid origin time 02:52:18.1; Lat 10.91 N Fix; Lon 42.06 W Fix; Dep 15.0 Fix; Half-duration 7.2 sec; Principal axes (scale 10**19 Nm): (T) Val=3.01, Plg=11, Azm=231; (N) Val=-0.06, Plg=75, Azm=7; (P) Val=-2.94, Plg=10, Azm=139; Best double couple: Mo=3.0*10**19 Nm; NP1: Strike=275, Dip=75, Slip=179; NP2: Strike=5, Dip=89, Slip=15. Scalar Moment (PPT): Mo=4.3*10**19 Nm.

02 03 17 18.4% 61.438 N 146.798 W 28 42 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).

02 03 53 46.8 9.907 N 126.147 E 66 D 4.6 1.1 39 MINDANAO, PHILIPPINE ISLANDS

02 04 24 00.0 30.584 N 41.866 W 10 G 4.1 1.0 27 NORTHERN MID-ATLANTIC RIDGE

02 04 50 38.2* 12.186 N 46.558 E 10 G 4.3 1.1 33 WESTERN GULF OF ADEN

02 05 02 28.6* 5.590 S 149.484 E 161 * 4.2 1.4 23 NEW BRITAIN REGION, P.N.G.

02 05 07 30.3* 12.249 N 46.656 E 10 G 3.8 0.3 6 WESTERN GULF OF ADEN

02 05 54 15.1? 15.82 S 173.00 W 33 N 4.2 1.0 11 SAMOA ISLANDS REGION

02 05 57 15.7* 18.758 S 71.324 W 33 N 4.1 1.1 5 OFF COAST OF NORTHERN CHILE

02 06 02 23.1% 46.088 N 2.886 E 10 G 0.1 7 FRANCE. ML 2.1 (LDG).

02 06 02 44.1* 9.094 S 125.282 E 33 N 4.0 1.6 13 TIMOR REGION, INDONESIA

02 06 47 58.0* 14.937 S 177.507 W 355 * 3.9 0.8 27 FIJI ISLANDS REGION

02 07 00 03.0 39.063 N 115.332 W 5 G 3.5 1.2 33 NEVADA. ML 3.5 (GS).

02 07 51 56.0 38.851 N 119.601 W 5 G 1.0 64 CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (GS). MD 3.3 (GM).

02 08 01 56.7% 35.739 N 117.623 W 5 45 CENTRAL CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.2 (GS).

02 08 20 19.5 35.735 N 117.627 W 5 38 CENTRAL CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 2.9 (GS).

02 08 38 09.2* 5.275 S 151.754 E 86 * 4.3 0.9 17 NEW BRITAIN REGION, P.N.G.

02 09 37 46.4 27.424 N 128.484 E 42 D 5.8 5.2 1.0 317 RYUKYU ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Me 5.3 (GS). Broadband Source Parameters (GS): Dep 36; NP1: Strike=240, Dip=15, Slip=100; NP2: Strike=50, Dip=75, Slip=87; Radiated energy 2.2*10**12 Nm. Moment Tensor (GS): Dep 37; Principal axes (scale 10**17 Nm): (T) Val=-5.33, Plg=75, Azm=321; (N) Val=-0.22, Plg=1, Azm=226; (P) Val=-5.11, Plg=15, Azm=135; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=223, Dip=30, Slip=87; NP2: Strike=46, Dip=60, Slip=92. Centroid, Moment Tensor (HRV): Centroid origin time 09:37:50.6; Lat 27.27 N; Lon 128.57 E; Dep 42.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=-4.49, Plg=74, Azm=309; (N) Val=0.65, Plg=2, Azm=45; (P) Val=-5.14, Plg=16, Azm=135; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=228, Dip=29, Slip=93; NP2: Strike=44, Dip=61, Slip=88.

02 09 39 18.3? 3.20 N 127.03 E 33 N 4.6 0.9 13 TALAUD ISLANDS, INDONESIA

02 09 40 59.5* 27.374 N 128.115 E 33 N 1.2 14 RYUKYU ISLANDS

02 10 40 26.8 45.350 N 6.338 E 5 G 0.8 13 FRANCE. ML 2.7 (LDG).

02 11 45 33.8 37.045 N 139.365 E 25 4.4 1.2 49 EASTERN HONSHU, JAPAN

02 11 57 55.3* 46.130 N 150.816 E 98 ? 3.9 1.1 29 KURIL ISLANDS

02 12 09 04.2? 16.47 N 98.25 W 33 N 4.0 1.0 14 NEAR COAST OF GUERRERO, MEXICO

02 12 11 38.4 31.038 S 69.079 W 116 D 4.4 1.0 39 SAN JUAN PROVINCE, ARGENTINA

02 12 36 46.7 52.615 N 159.586 E 33 N 4.4 0.8 65 OFF EAST COAST OF KAMCHATKA

02 12 42 15.4 30.811 N 50.827 E 33 N 4.8 3.9 1.2 146 NORTHERN IRAN

02 12 46 05.1* 20.333 S 68.778 W 143 * 4.4 1.1 12 CHILE-BOLIVIA BORDER REGION

02 13 12 01.8 6.205 S 154.655 E 64 ? 4.6 0.9 46 SOLOMON ISLANDS

02 15 01 05.3 53.068 N 154.497 E 383 D 4.4 0.8 128 SEA OF OKHOTSK

02 15 07 42.8% 33.877 S 70.784 W 80 G 0.2 8 CHILE-ARGENTINA BORDER REGION

02 15 20 25.2* 36.991 N 71.700 E 124 ? 3.7 1.2 17 AFGHANISTAN-TAJIKISTAN BORD REG.

02 16 58 28.0* 53.252 N 164.705 W 33 N 3.6 1.1 16 UNIMAK ISLAND REGION

02 17 18 08.5* 36.238 N 140.835 E 71 ? 3.5 1.3 12 NEAR EAST COAST OF HONSHU, JAPAN

02 17 27 49.7? 3.36 N 102.71 W 10 G 4.3 0.9 14 EAST CENTRAL PACIFIC OCEAN

02 18 49 08.3 2.312 S 139.416 E 33 N 4.2 1.2 25 NEAR NORTH COAST OF IRIAN JAYA

02 19 34 51.1 6.090 S 127.478 E 423 D 4.9 0.9 82 BANDA SEA

02 19 41 57.3* 35.856 N 139.156 E 69 * 4.4 1.4 12 NEAR S. COAST OF HONSHU, JAPAN

02 20 26 13.5* 16.307 S 172.779 W 33 N 4.6 1.2 39 SAMOA ISLANDS REGION

02 21 10 12.4? 31.55 S 69.82 W 150 G 0.4 9 SAN JUAN PROVINCE, ARGENTINA

02 21 17 07.7 47.349 N 113.052 W 5 G 3.9 1.0 46 MONTANA. ML 3.8 (GS).

02 21 26 05.7* 15.153 S 96.560 E 10 G 4.3 1.3 30 SOUTH INDIAN OCEAN

02	21	27	32.0	43.382	N	8.442	E	15	G	0.6	12	CORSICA. ML 2.9 (LDG), 2.7 (GEN).		
02	22	35	02.0*	25.023	N	123.578	E	33	N	3.9	0.7	14	NORTHEAST OF TAIWAN	
02	23	47	40.3?	44.34	N	7.31	E	10	G	0.1	0.1	4	NORTHERN ITALY. ML 1.6 (GEN).	
03	00	13	52.1*	32.205	S	69.738	W	130	G	0.4	0.4	11	MENDOZA PROVINCE, ARGENTINA	
03	00	48	42.6	12.577	S	166.533	E	52	D	4.8	1.0	65	SANTA CRUZ ISLANDS	
03	01	11	11.1?	23.26	S	179.77	W	600	G	4.0	0.6	10	SOUTH OF FIJI ISLANDS	
03	01	45	33.3*	11.403	S	34.543	E	33	N	4.0	1.0	15	MALAWI	
03	01	59	06.5*	16.766	N	98.556	W	33	N	4.2	1.0	30	NEAR COAST OF GUERRERO, MEXICO	
03	02	16	00.8?	27.29	N	128.71	E	67	*	3.6	1.8	8	RYUKYU ISLANDS	
03	02	27	17.4?	8.62	S	126.83	E	100	G	4.0	1.4	11	TIMOR REGION, INDONESIA	
03	03	06	05.8*	6.475	S	155.008	E	70	G	4.3	1.3	25	SOLOMON ISLANDS	
03	03	56	46.8*	14.666	S	166.992	E	188	?	4.4	1.0	25	VANUATU ISLANDS	
03	04	10	58.6?	4.30	S	134.51	E	33	N	4.0	1.4	8	IRIAN JAYA REGION, INDONESIA	
03	04	17	01.3*	27.920	N	93.790	E	33	N	4.1	1.4	16	NORTHEASTERN INDIA	
03	04	32	49.3	37.670	N	18.838	E	33	N	3.6	1.2	25	IONIAN SEA. ML 3.7 (ROM).	
03	06	06	09.1*	51.584	N	16.559	E	5	G	2.4	1.4	10	POLAND. ML 2.7 (MOX).	
03	06	15	22.1	9.280	S	157.305	E	33	N	4.8	1.1	45	SOLOMON ISLANDS	
03	06	31	04.8*	61.096	N	151.177	W	51			54	SOUTHERN ALASKA. <AEIC>. ML 5.0 (AEIC), 3.0 (PMR).		
03	06	31	21.8	6.128	S	150.928	E	60	*	4.7	1.0	54	NEW BRITAIN REGION, P.N.G.	
03	06	34	15.0*	6.036	S	150.831	E	33	N	4.6	1.2	23	NEW BRITAIN REGION, P.N.G.	
03	06	39	53.8*	5.972	S	151.311	E	33	N	4.2	0.8	13	NEW BRITAIN REGION, P.N.G.	
03	06	52	08.2?	21.86	S	176.86	W	300	G	3.8	0.7	16	FIJI ISLANDS REGION	
03	07	06	06.7*	2.619	S	141.998	E	33	N	4.1	1.4	15	NEAR N COAST OF NEW GUINEA, PNG.	
03	07	27	13.1*	31.774	N	131.890	E	33	N		0.7	7	KYUSHU, JAPAN	
03	08	15	39.5	9.309	S	157.170	E	33	N	5.6	6.0	1.2	170	SOLOMON ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Ms 5.8 (BRK). Moment Tensor (GS): Dep 21; Principal axes (scale 10**18 Nm): (T) Val=-1.23, Plg=12, Azm=309; (N) Val=0.10, Plg=78, Azm=139; (P) Val=-1.33, Plg=2, Azm=39; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=84, Dip=80, Slip=7; NP2: Strike=353, Dip=83, Slip=170. Centroid, Moment Tensor (HRV): Centroid origin time 08:15:41.0; Lat 9.31 S; Lon 157.30 E; Dep 15.0 Bdy; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=-1.35, Plg=1, Azm=313; (N) Val=-0.03, Plg=82, Azm=213; (P) Val=-1.32, Plg=8, Azm=43; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=88, Dip=83, Slip=-5; NP2: Strike=178, Dip=85, Slip=-173. Scalar Moment (PPT): Mo=1.6*10**18 Nm.
03	08	47	02.6?	5.56	S	154.82	E	33	N	4.2	1.1	10	SOLOMON ISLANDS	
03	08	58	06.8	2.906	S	142.014	E	33	N	4.5	1.3	36	NEAR N COAST OF NEW GUINEA, PNG.	
03	09	19	46.4	9.538	S	119.010	E	33	N	4.6	1.3	34	SUMBA REGION, INDONESIA	
03	09	42	23.8*	44.401	N	6.421	E	10	G		0.4	9	FRANCE. ML 2.3 (GEN).	
03	10	42	51.2*	9.510	S	157.558	E	33	N	4.0	1.2	8	SOLOMON ISLANDS	
03	10	46	00.5	9.270	S	157.198	E	33	N	5.3	1.1	114	SOLOMON ISLANDS. Mw 6.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:46:05.0; Lat 9.26 S; Lon 157.56 E; Dep 23.6; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=-1.48, Plg=3, Azm=318; (N) Val=-0.06, Plg=87, Azm=165; (P) Val=-1.42, Plg=1, Azm=48; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=93, Dip=87, Slip=1; NP2: Strike=3, Dip=89, Slip=177.	
03	10	50	10.7	9.320	S	157.239	E	10	G	5.8	6.2	1.3	197	SOLOMON ISLANDS. Mw 6.0 (GS). Moment Tensor (GS): Dep 17; Principal axes (scale 10**18 Nm): (T) Val=-1.07, Plg=8, Azm=307; (N) Val=0.26, Plg=80, Azm=162; (P) Val=-1.33, Plg=6, Azm=38; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=82, Dip=80, Slip=2; NP2: Strike=352, Dip=88, Slip=170. Scalar Moment (PPT): Mo=2.3*10**18 Nm.
03	11	23	32.9?	4.86	N	125.99	E	33	N	4.2	1.1	14	TALAUD ISLANDS, INDONESIA	
03	11	34	26.0*	35.042	N	27.280	E	33	N	3.9	1.3	17	DODECANESE ISLANDS	
03	11	50	50.8?	1.99	S	134.48	E	33	N	4.2	1.3	11	IRIAN JAYA REGION, INDONESIA	
03	11	55	24.1	17.692	N	94.394	W	169	D	4.9	1.1	169	CHIAPAS, MEXICO	
03	12	12	03.8	24.086	S	70.406	W	69		4.0	0.8	28	NEAR COAST OF NORTHERN CHILE. Felt (III) in the Cerro Paranal area.	
03	12	19	35.2*	25.258	N	123.563	E	10	G	4.0	1.1	12	NORTHEAST OF TAIWAN	
03	12	50	58.8*	59.889	N	153.645	W	144			39	SOUTHERN ALASKA. <AEIC>.		
03	12	53	22.7?	17.50	N	102.18	W	33	N	3.5	1.0	7	NEAR COAST OF MICHOACAN, MEXICO	
03	12	53	30.9*	40.702	N	125.701	W	5			24	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).		
03	12	57	33.9?	12.66	S	169.30	E	600	G	4.0	0.9	16	SANTA CRUZ ISLANDS REGION	
03	13	55	47.6	51.205	N	9.481	E	10	G		0.8	10	GERMANY	
03	14	03	12.0*	2.361	N	116.901	E	33	N	4.1	1.4	16	BORNEO	
03	14	04	20.2*	13.913	N	121.051	E	33	N	4.2	0.7	13	MINDORO, PHILIPPINE ISLANDS	
03	14	49	59.3	12.521	S	95.186	W	10	G	4.6	0.7	42	SOUTHWEST OF GALAPAGOS ISLANDS	
03	16	31	56.8*	35.661	S	179.432	W	33	N	4.4	1.4	23	EAST OF NORTH ISLAND, N.Z.	
03	16	36	32.6*	38.826	N	122.797	W	3			8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).		
03	17	27	40.4	48.896	N	153.196	E	150	G	4.2	0.9	42	KURIL ISLANDS	
03	17	37	38.7	6.672	S	155.281	E	71	*	4.3	0.9	28	SOLOMON ISLANDS	
03	19	36	22.2*	51.181	S	29.935	E	10	G	4.0	0.8	7	SOUTH OF AFRICA	
03	19	39	44.9?	3.20	N	78.68	W	33	N	4.4	1.4	19	SOUTH OF PANAMA	
03	19	55	31.8	46.787	N	153.722	E	33	N	5.6	5.2	0.9	267	KURIL ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:55:32.7; Lat 46.91 N; Lon 154.47 E; Dep 15.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=-3.02, Plg=77, Azm=259; (N) Val=0.37, Plg=9, Azm=34; (P) Val=-3.40, Plg=9, Azm=125; Best double couple: Mo=3.2*10**17 Nm; NP1: Strike=226, Dip=37, Slip=106; NP2: Strike=27, Dip=55, Slip=79.
03	20	14	58.7?	12.65	N	142.76	E	162	?	4.2	0.6	13	SOUTH OF MARIANA ISLANDS	
03	21	25	44.4?	52.60	N	33.11	W	10	G	3.7	1.3	7	NORTH ATLANTIC OCEAN	
03	21	48	37.8?	5.93	S	146.21	E	33	N	3.3	1.4	5	EASTERN NEW GUINEA REG., P.N.G.	
03	22	06	34.1*	6.127	S	154.567	E	33	N	4.2	1.2	10	SOLOMON ISLANDS	
03	22	19	07.5*	65.150	N	148.570	W	9			18	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).		

Year	Month	Day	Time	Lat	Long	Depth	Magnitude	Distance	Location
03	22	30	33.2*	17.565 S	70.483 W	120 G	3.9	1.4	7 NEAR COAST OF PERU. Felt (III) at Moquegua and (II) at Arequipa.
03	23	04	42.7%	33.195 S	70.740 W	80 G		0.2	9 CHILE-ARGENTINA BORDER REGION
03	23	11	50.2*	31.017 N	128.945 E	33 N	4.0	0.8	7 NORTHWEST OF RYUKYU ISLANDS
03	23	33	54.5*	45.82 N	149.37 E	33 N	3.9	1.4	15 KURIL ISLANDS
04	00	37	19.0	46.858 N	153.636 E	33 N	4.7	0.9	110 KURIL ISLANDS
04	01	32	35.0%	62.494 N	151.974 W	126		40	CENTRAL ALASKA. <AEIC>.
04	02	26	24.0	6.261 S	151.266 E	47	4.8	0.8	49 NEW BRITAIN REGION, P.N.G.
04	02	52	12.9*	51.404 N	15.639 E	5 G		1.1	6 POLAND. ML 2.6 (MOX).
04	03	24	20.3	5.034 S	151.478 E	148	4.9	0.9	80 NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 03:24:19.5; Lat 5.48 S; Lon 151.13 E; Dep 138.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.83, Plg=55, Azm=267; (N) Val=-2.98, Plg=31, Azm=56; (P) Val=-5.85, Plg=14, Azm=155; Best double couple: Mo=7.3*10**16 Nm; NPl: Strike=280, Dip=41, Slip=142; NP2: Strike=41, Dip=66, Slip=56.									
04	03	30	48.0	53.008 N	167.660 W	5 N	4.6	1.2	84 FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR).
04	03	57	18.3%	57.800 N	156.304 W	123	3.7	1.07	ALASKA PENINSULA. <AEIC>.
04	04	13	16.9	50.005 S	114.775 W	10 G	5.3	1.3	99 SOUTHERN EAST PACIFIC RISE. Mw 5.9 (GS), 5.9 (HRV). Ms 6.0 (BRK).
Moment Tensor (GS): Dep 26; Principal axes (scale 10**17 Nm): (T) Val=9.36, Plg=11, Azm=141; (N) Val=-0.18, Plg=78, Azm=342; (P) Val=-9.19, Plg=4, Azm=232; Best double couple: Mo=9.3*10**17 Nm; NPl: Strike=277, Dip=79, Slip=5; NP2: Strike=186, Dip=85, Slip=169.									
Centroid, Moment Tensor (HRV): Centroid origin time 04:13:25.4; Lat 49.87 S; Lon 114.91 W; Dep 15.0 Fix; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=8.30, Plg=6, Azm=150; (N) Val=0.39, Plg=84, Azm=304; (P) Val=-8.69, Plg=3, Azm=60; Best double couple: Mo=8.5*10**17 Nm; NPl: Strike=195, Dip=84, Slip=178; NP2: Strike=285, Dip=88, Slip=6.									
Scalar Moment (PPT): Mo=2.3*10**18 Nm.									
04	04	17	42.9*	34.53 S	70.39 W	5 G		0.5	8 CHILE-ARGENTINA BORDER REGION
04	05	05	22.3	47.794 N	7.173 E	10 G		1.2	31 SWITZERLAND. ML 3.3 (LDG), 3.1 (VIE), 2.9 (STR).
04	05	06	18.6	2.848 S	142.080 E	33 N	4.9	1.1	60 NEAR N COAST OF NEW GUINEA, PNG.
04	05	08	28.3*	33.654 S	68.488 W	20 G		0.4	10 MENDOZA PROVINCE, ARGENTINA
04	05	52	46.6%	35.374 N	118.522 W	1			52 CENTRAL CALIFORNIA. <PAS-P>. MD 2.9 (PAS). ML 3.0 (GS).
04	05	59	42.3*	41.23 N	141.82 E	33 N		1.3	6 HOKKAIDO, JAPAN REGION
04	06	39	52.1	39.678 N	143.406 E	30 D	4.0	1.1	34 OFF EAST COAST OF HONSHU, JAPAN
04	07	01	57.6*	54.663 N	160.116 E	33 N		0.7	8 NEAR EAST COAST OF KAMCHATKA
04	07	05	35.4*	32.12 S	70.63 W	100 G		0.3	9 CHILE-ARGENTINA BORDER REGION
04	07	13	48.8*	41.19 N	74.28 E	33 N	3.7	1.4	11 KYRGYZSTAN
04	07	45	24.4%	37.597 N	139.236 E	33 N		1.4	5 EASTERN HONSHU, JAPAN
04	08	04	15.0	5.423 N	126.804 E	61 *	4.6	0.9	33 MINDANAO, PHILIPPINE ISLANDS
04	08	23	09.4*	12.909 N	120.305 E	33 N	4.0	0.7	9 MINDORO, PHILIPPINE ISLANDS. Felt (I RF) at Puerto Galera.
04	10	57	25.7%	32.703 S	70.550 W	10 G		0.3	8 CHILE-ARGENTINA BORDER REGION
04	11	46	49.4*	1.485 S	136.277 E	33 N	4.4	1.0	14 IRIAN JAYA REGION, INDONESIA
04	11	48	19.9*	9.10 S	123.39 E	33 N	4.3	1.5	15 TIMOR REGION, INDONESIA
04	12	04	08.1*	6.397 S	154.525 E	33 N	4.5	1.4	22 SOLOMON ISLANDS
04	12	04	21.1	4.346 S	144.474 E	33 N	4.4	0.9	15 NEAR N COAST OF NEW GUINEA, PNG.
04	12	12	03.5*	18.913 N	145.754 E	269 *	3.9	0.8	20 MARIANA ISLANDS
04	12	29	38.2*	4.820 S	153.960 E	150 G	4.5	0.9	19 NEW IRELAND REGION, P.N.G.
04	12	49	19.0%	32.607 S	71.587 W	10 G		0.5	10 NEAR COAST OF CENTRAL CHILE
04	13	09	35.5*	17.10 S	179.15 W	500 G	4.4	1.2	19 FIJI ISLANDS REGION
04	13	39	32.3	3.093 S	142.137 E	33 N	3.9	1.2	10 NEAR N COAST OF NEW GUINEA, PNG.
04	15	43	57.8%	58.731 N	150.286 W	35		63	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
04	15	45	36.1*	29.298 S	68.284 W	33 N	3.6	1.5	12 SAN JUAN PROVINCE, ARGENTINA
04	15	56	43.0%	65.407 N	144.678 W	2		45	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
04	16	47	36.1*	1.53 S	136.93 E	33 N	4.1	1.4	13 IRIAN JAYA REGION, INDONESIA
04	17	42	44.8	35.729 N	35.523 E	21 D	4.1	0.9	28 JORDAN - SYRIA REGION
04	18	07	51.3*	32.733 S	71.666 W	10 G		0.5	11 NEAR COAST OF CENTRAL CHILE
04	18	19	08.5*	1.050 S	136.557 E	33 N	4.3	1.1	16 IRIAN JAYA REGION, INDONESIA
04	18	25	49.6	35.824 N	35.564 E	10 G	3.8	0.6	29 JORDAN - SYRIA REGION
04	19	52	42.9	12.152 N	142.973 E	33 N	4.0	0.9	16 SOUTH OF MARIANA ISLANDS
04	20	15	13.9*	0.937 S	137.002 E	33 N	4.0	1.1	13 IRIAN JAYA REGION, INDONESIA
04	20	15	34.4	18.417 N	146.925 E	61 *	4.6	1.0	45 MARIANA ISLANDS
04	20	22	02.9	43.491 N	132.502 E	481 *	4.1	0.9	45 NEAR SOUTHEAST COAST OF RUSSIA
04	20	30	56.0%	37.887 N	139.464 E	10 G		0.7	5 EASTERN HONSHU, JAPAN
04	21	41	42.5%	63.494 N	150.748 W	14		43	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
04	21	52	36.7	18.424 N	147.095 E	50 G	4.1	1.0	29 MARIANA ISLANDS REGION
04	22	46	49.8*	24.76 S	179.59 E	600 G	3.8	0.8	13 SOUTH OF FIJI ISLANDS
04	23	22	05.9	18.467 N	146.873 E	59	5.3	1.2	148 MARIANA ISLANDS. Mw 5.9 (HRV), 5.8 (GS).
Moment Tensor (GS): Dep 10; Principal axes (scale 10**17 Nm): (T) Val=4.98, Plg=67, Azm=291; (N) Val=-0.03, Plg=6, Azm=188; (P) Val=-4.95, Plg=23, Azm=95; Best double couple: Mo=5.0*10**17 Nm; NPl: Strike=174, Dip=23, Slip=75; NP2: Strike=10, Dip=68, Slip=96.									
Centroid, Moment Tensor (HRV): Centroid origin time 23:22:05.0; Lat 18.22 N; Lon 147.43 E; Dep 15.0 Fix; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.41, Plg=70, Azm=290; (N) Val=0.09, Plg=2, Azm=195; (P) Val=-7.49, Plg=20, Azm=104; Best double couple: Mo=7.4*10**17 Nm; NPl: Strike=191, Dip=25, Slip=86; NP2: Strike=16, Dip=65, Slip=92.									
04	23	43	05.4*	32.45 S	71.75 W	10 G		0.4	9 NEAR COAST OF CENTRAL CHILE
04	23	44	12.6*	22.257 N	143.128 E	194 *	4.0	1.0	27 VOLCANO ISLANDS REGION
05	00	16	17.4*	18.472 N	146.757 E	74 *	4.3	1.1	32 MARIANA ISLANDS
05	00	36	52.9*	18.56 N	146.55 E	57 *	4.3	1.7	12 MARIANA ISLANDS
05	00	37	48.7	39.474 N	141.942 E	5	4.1	1.1	25 EASTERN HONSHU, JAPAN
05	00	58	39.6*	18.447 N	146.874 E	65 *	4.1	1.0	23 MARIANA ISLANDS
05	01	06	08.3	4.537 S	101.934 E	33 N	5.0	1.0	82 SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time
01:06:15.0; Lat 4.72 S; Lon 101.66 E; Dep 39.9; Half-
duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
Val=-1.79, Plg=65, Azm=17; (N) Val=0.15, Plg=5, Azm=117; (P)
Val=-1.95, Plg=24, Azm=209; Best double couple:
Mo=1.9*10**17 Nm; NP1: Strike=309, Dip=21, Slip=103; NP2:
Strike=116, Dip=69, Slip=85.

05	01	41	45.7?	4.98	N	125.93	E	33	N	4.2	1.0	10	TALAUD ISLANDS, INDONESIA
05	03	16	47.6*	16.530	S	173.918	W	33	N	4.4	1.0	22	TONGA ISLANDS
05	03	26	56.9%	41.384	N	143.752	E	33	N	4.1	0.2	5	HOKKAIDO, JAPAN REGION
05	03	51	48.3*	42.762	N	143.692	E	130	*	3.8	1.1	24	HOKKAIDO, JAPAN REGION
05	03	58	41.1	18.479	N	146.982	E	72	*	4.5	0.9	39	MARIANA ISLANDS
05	05	19	40.3	18.443	N	147.071	E	44	*	4.3	0.9	32	MARIANA ISLANDS REGION
05	05	58	33.5	44.188	N	10.276	E	10	G		0.9	30	NORTHERN ITALY. ML 3.1 (LDG), 3.0 (VIE).
05	06	07	31.4%	34.122	N	116.391	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). Felt at Yucca Valley.
05	07	21	46.2?	22.05	N	121.91	E	33	N	4.2	0.6	12	TAIWAN REGION
05	07	28	17.5?	8.95	S	123.93	E	100	G	4.2	1.6	12	FLORES REGION, INDONESIA
05	08	25	31.2*	18.509	N	147.339	E	46	?	4.1	1.6	23	MARIANA ISLANDS REGION
05	08	59	10.1	19.122	N	121.021	E	33	N	4.2	0.9	19	PHILIPPINE ISLANDS REGION
05	09	44	35.0?	49.72	S	115.14	W	10	G	4.0	1.7	6	SOUTHERN EAST PACIFIC RISE
05	12	26	43.6	39.758	N	141.766	E	86		3.9	0.8	25	EASTERN HONSHU, JAPAN
05	13	13	16.2	35.823	N	35.658	E	10	G	4.6	1.1	123	JORDAN - SYRIA REGION. ML 4.5 (JER).
05	13	29	22.6	13.650	N	144.827	E	138		4.5	1.2	65	MARIANA ISLANDS. Felt (V) at Andersen AFB and Potts Junction; (IV) from Santa Rita to Yigo; (III) at Merizo and Yona, Guam. Felt throughout Guam.
05	14	27	01.9	23.156	S	176.708	W	150	G	4.9	1.0	80	SOUTH OF FIJI ISLANDS
05	14	56	55.9?	14.49	N	87.57	W	33	N	4.1	1.1	13	HONDURAS
05	16	21	44.8%	18.372	N	147.023	E	33	N	3.6	0.9	9	MARIANA ISLANDS REGION
05	16	27	12.0%	51.962	N	30.270	W	10	G	3.6	1.4	12	NORTHERN MID-ATLANTIC RIDGE
05	16	30	41.2	21.342	S	66.474	W	243		4.3	0.9	29	SOUTHERN BOLIVIA
05	17	45	15.5?	35.94	N	140.52	E	33	N		0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
05	18	05	16.2*	4.752	N	124.102	E	358	D	3.8	1.2	20	CELEBES SEA
05	18	23	21.8?	4.36	S	133.75	E	33	N	3.6	1.5	9	IRIAN JAYA REGION, INDONESIA
05	18	45	36.6*	0.171	S	134.740	E	33	N	4.3	1.2	21	IRIAN JAYA REGION, INDONESIA
05	19	38	24.3	44.768	N	150.302	E	33	N	4.4	1.2	59	EAST OF KURIL ISLANDS
05	19	43	16.1*	44.850	N	150.263	E	33	N	4.4	1.4	53	EAST OF KURIL ISLANDS
05	21	31	38.5?	35.83	N	140.64	E	33	N		0.2	5	NEAR EAST COAST OF HONSHU, JAPAN
05	21	55	12.5%	34.294	S	70.229	W	10	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
05	22	11	36.7?	39.61	N	42.57	E	10	G	3.8	1.1	11	TURKEY
05	22	35	02.2?	34.29	S	70.23	W	10	G		0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
05	23	25	16.9	30.497	N	130.962	E	40		4.5	1.0	57	KYUSHU, JAPAN
05	23	26	30.5?	34.33	S	72.49	W	10	G		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
05	23	56	31.2*	44.301	N	149.139	E	33	N	4.3	1.2	31	KURIL ISLANDS
06	00	09	53.1*	32.234	S	70.139	W	100	G		0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
06	00	33	36.3?	2.25	S	140.13	E	33	N	3.8	1.6	8	NEAR NORTH COAST OF IRIAN JAYA
06	01	34	45.6*	0.923	S	134.757	E	33	N	4.6	1.3	16	IRIAN JAYA REGION, INDONESIA
06	01	57	27.8*	1.252	N	126.128	E	33	N	4.3	0.7	12	NORTHERN MOLUCCA SEA
06	02	38	39.2%	44.515	N	6.765	E	10	G		0.4	6	FRANCE
06	04	04	30.3?	15.40	S	172.89	W	33	N	4.5	1.1	11	SAMOA ISLANDS REGION
06	04	15	44.5	43.937	N	8.709	E	10	G		0.7	14	CORSICA. ML 2.5 (GEN), 2.4 (LDG).
06	04	33	14.1%	62.985	N	150.017	W	89				79	CENTRAL ALASKA. <AEIC>.
06	05	23	31.4*	42.382	N	43.579	E	33	N	3.5	0.8	10	NORTHWESTERN CAUCASUS
06	06	02	14.1%	27.900	N	130.147	E	33	N		0.2	5	RYUKYU ISLANDS
06	06	26	52.2	21.509	S	169.175	E	33	N	5.2 5.1	1.3	108	LOYALTY ISLANDS REGION. Mw 5.6 (HRV), 5.5 (GS). Ms 5.1 (BRK). Moment Tensor (GS): Dep 9; Principal axes (scale 10**17 Nm): (T) Val=2.06, Plg=51, Azm=32; (N) Val=0.34, Plg=14, Azm=284; (P) Val=-2.40, Plg=36, Azm=183; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=223, Dip=16, Slip=28; NP2: Strike=106, Dip=82, Slip=105. Centroid, Moment Tensor (HRV): Centroid origin time 06:26:58.0; Lat 21.39 S; Lon 168.98 E; Dep 15.0 Bdy; Half- duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.50, Plg=60, Azm=9; (N) Val=-0.01, Plg=12, Azm=121; (P) Val=-2.48, Plg=27, Azm=217; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=336, Dip=21, Slip=127; NP2: Strike=117, Dip=73, Slip=77.
06	06	35	12.7?	20.88	S	168.71	E	33	N	4.1	0.9	12	LOYALTY ISLANDS
06	07	05	52.2%	59.854	N	153.475	W	133		3.5		98	SOUTHERN ALASKA. <AEIC>.
06	08	05	57.6?	43.97	N	147.65	E	33	N	4.3	1.6	14	KURIL ISLANDS
06	09	04	59.2	6.766	N	72.998	W	160	D	4.4	1.0	49	NORTHERN COLOMBIA
06	09	08	57.4?	34.11	S	70.33	W	15	G		0.1	5	CHILE-ARGENTINA BORDER REGION
06	10	20	46.3%	44.481	N	7.321	E	10	G		0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
06	10	44	57.9?	5.23	S	146.85	E	148	?	4.0	0.8	12	EASTERN NEW GUINEA REG., P.N.G.
06	12	17	25.9?	36.38	N	140.94	E	33	N		0.3	5	NEAR EAST COAST OF HONSHU, JAPAN
06	13	08	59.8*	4.774	N	126.948	E	125	?	4.3	1.5	21	TALAUD ISLANDS, INDONESIA
06	13	37	55.8*	18.394	N	147.598	E	33	N	3.6	0.9	9	MARIANA ISLANDS REGION
06	14	30	42.7	23.990	S	66.854	W	194	*	4.1	0.5	13	JUJUY PROVINCE, ARGENTINA
06	14	49	37.1	19.334	S	169.012	E	251	?	4.7	1.0	49	VANUATU ISLANDS
06	15	04	38.2?	2.04	S	77.10	W	33	N	4.2	1.5	15	PERU-ECUADOR BORDER REGION
06	15	27	38.7?	33.64	N	132.18	E	33	N			4	SHIKOKU, JAPAN
06	15	33	29.3*	39.414	N	37.641	E	33	N	3.6	1.4	9	TURKEY
06	15	56	20.3%	18.293	N	147.287	E	33	N	3.6	0.8	7	MARIANA ISLANDS REGION
06	16	03	43.9%	59.330	N	153.116	W	100				28	SOUTHERN ALASKA. <AEIC>.
06	16	25	35.4	37.443	N	21.240	E	33	N	4.5	1.4	147	SOUTHERN GREECE. ML 4.6 (THE). Felt on Zakynthos and in northwestern Peloponnisos.
06	16	46	43.1?	18.51	S	178.91	W	600	G	4.1	0.5	8	FIJI ISLANDS REGION
06	17	35	38.1	41.329	S	80.666	E	20	D	5.5 5.9	1.1	94	MID-INDIAN RIDGE. Mw 6.3 (GS), 6.2 (HRV). Me 6.6 (GS). Broadband Source Parameters (GS): Dep 5; NP1: Strike=155, Dip=83, Slip=2; NP2: Strike=65, Dip=88, Slip=173; Radiated energy 1.7*10**14 Nm. Moment Tensor (GS): Dep 13; Principal axes (scale 10**18 Nm): (T) Val=3.43, Plg=8, Azm=355; (N) Val=-0.33, Plg=82,

06	18	09	43.0%	63.382 N	148.983 W		90														25	CENTRAL ALASKA. <AEIC>. Dip=67 Slip=105.
06	18	19	03.0%*	17.442 S	173.924 W		33 N	4.4	1.3												32	TONGA ISLANDS
06	19	06	52.0%	60.374 N	153.473 W		171	2.9													86	SOUTHERN ALASKA. <AEIC>.
06	19	47	38.7%*	61.871 S	163.167 E		10 G	4.6		1.0											21	BALLENY ISLANDS REGION
06	19	48	58.87	18.87 S	177.79 W		500 G	4.2		1.4											22	FIIJI ISLANDS REGION
06	20	09	19.5%*	51.558 N	30.387 W		10 G	3.9		1.2											21	NORTHERN MID-ATLANTIC RIDGE
06	20	24	01.9%*	28.927 N	138.162 E		400 G	3.7		1.0											12	BONIN ISLANDS REGION
06	20	27	30.0%	60.021 N	152.736 W		99	4.4													176	SOUTHERN ALASKA. <AEIC>. Felt (III) at Homer and (II) at Eagle River. Also felt at Ninilchik.
06	20	46	23.4%*	15.177 S	178.691 W		405 *	4.0		0.9											24	FIIJI ISLANDS REGION
06	21	04	02.4?	33.03 S	72.10 W		10 G			0.3											10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
06	21	29	05.6%	35.019 N	116.958 W		3														43	CENTRAL CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.1 (GS).
06	21	50	48.7?	7.257 S	128.34 E		100 G	3.7		1.5											7	BANDA SEA
06	22	15	59.2?	1.05 S	136.04 E		33 N	4.0		1.0											8	IRIAN JAYA REGION, INDONESIA
06	22	24	02.9%	42.838 N	7.202 W		10 G			0.2											6	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Sarria-Becerrea area.
06	23	14	35.4%*	18.421 N	147.179 E		33 N	4.0		1.2											21	MARIANA ISLANDS REGION
06	23	18	30.9%*	18.184 S	178.238 W		500 G	4.3		1.2											45	FIIJI ISLANDS REGION
06	23	20	17.6%*	26.509 S	178.171 W		300 G	4.1		1.0											19	SOUTH OF FIIJI ISLANDS
06	23	35	34.6%*	27.371 N	140.972 E		59 *	4.4		1.3											24	BONIN ISLANDS REGION
07	00	30	26.7%*	20.768 N	92.320 W		10 G	4.0		1.3											22	BAY OF CAMPECHE
07	00	43	49.1	12.526 N	143.792 E		26 D	4.4		1.0											31	SOUTH OF MARIANA ISLANDS
07	01	12	55.1?	43.99 S	38.72 E		33 N	4.2		0.9											9	PRINCE EDWARD ISLANDS REGION
07	02	12	58.5?	55.24 S	30.68 W		33 N	4.4		1.2											14	SOUTH SANDWICH ISLANDS REGION
07	03	25	12.4%*	38.277 N	75.789 E		146 *	3.9		1.1											17	SOUTHERN XINJIANG, CHINA
07	05	03	20.7	30.759 N	50.717 E		33 N	4.7		0.9											90	NORTHERN IRAN
07	05	09	22.2	45.511 N	26.371 E		135	4.3		1.2											95	ROMANIA. Felt (V) in the epicentral area and (III) at Bucharest. Felt (III) at Chisinau, Moldova. Also felt by people in high-rise buildings at Tutrakan, Bulgaria.
07	05	17	01.7%	30.734 N	50.767 E		33 N	3.9		1.0											9	NORTHERN IRAN
07	08	08	05.3	47.141 N	9.385 E		10 G															

08	10	27	16.3*	3.398	S	136.264	E	33	N	4.1	1.1	11	IRIAN JAYA, INDONESIA
08	10	38	15.5*	54.439	N	160.358	E	33	N	3.5	0.9	12	NEAR EAST COAST OF KAMCHATKA
08	11	49	51.8*	41.654	N	8.356	W	10	G		0.5	6	PORTUGAL. mbLg 3.1 (MDD).
08	13	05	34.5*	44.821	N	8.357	E	10	G		0.9	11	NORTHERN ITALY. ML 2.4 (GEN).
08	13	58	45.4*	16.115	S	174.378	W	150	G	4.3	0.7	22	TONGA ISLANDS
08	14	05	16.0*	38.786	N	122.770	W	3				45	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK), 3.1 (GS).
08	14	59	11.1*	51.461	N	15.971	E	5	G		0.9	8	POLAND. MG 2.7 (WAR).
08	15	35	03.7	44.546	N	7.417	E	15	G		0.7	14	NORTHERN ITALY. ML 2.5 (GEN), 2.2 (LDG).
08	16	07	03.7	12.779	S	14.639	W	10	G	4.9 4.8	0.8	63	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:07:06.0; Lat 12.88 S; Lon 15.12 W; Dep 15.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.84, Plg=13, Azm=65; (N) Val=0.52, Plg=10, Azm=158; (P) Val=-6.36, Plg=74, Azm=285; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=142, Dip=33, Slip=-108; NP2: Strike=344, Dip=59, Slip=-78.
08	16	37	03.7	12.871	S	14.686	W	10	G	4.9 4.8	1.0	73	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:37:10.6; Lat 12.76 S; Lon 14.94 W; Dep 15.0 Fix; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.84, Plg=11, Azm=66; (N) Val=0.33, Plg=6, Azm=158; (P) Val=-7.17, Plg=78, Azm=274; Best double couple: Mo=7.0*10**16 Nm; NP1: Strike=149, Dip=35, Slip=-100; NP2: Strike=341, Dip=56, Slip=-83.
08	16	46	07.7	34.749	N	136.109	E	74		3.9	0.8	30	WESTERN HONSHU, JAPAN
08	17	20	02.8*	46.153	N	7.028	E	10	G			5	SWITZERLAND. ML 2.4 (LDG).
08	17	49	01.1*	35.464	N	4.152	W	10	G		0.9	8	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
08	18	32	40.2*	2.72	S	138.35	E	33	N	4.1	0.9	8	IRIAN JAYA, INDONESIA
08	18	40	14.3*	35.208	N	140.842	E	33	N	3.8	0.8	9	NEAR EAST COAST OF HONSHU, JAPAN
08	18	52	26.1*	5.44	S	146.60	E	88	*	3.8	1.0	10	EASTERN NEW GUINEA REG., P.N.G.
08	18	57	28.4*	45.498	N	150.094	E	33	N	4.1	0.8	26	KURIL ISLANDS
08	19	16	20.8	51.575	N	16.415	E	5	G		0.5	9	POLAND. ML 2.4 (MOX).
08	19	40	46.2*	7.068	S	129.176	E	100	G	3.9	1.4	17	BANDA SEA
08	19	50	30.5*	17.59	S	178.60	W	500	G	3.5	0.8	13	FIJI ISLANDS REGION
08	19	51	27.7*	12.741	S	14.730	W	23	D	4.7 4.4	1.1	53	SOUTHERN MID-ATLANTIC RIDGE
08	19	53	14.6*	6.990	S	129.375	E	100	G	3.8	1.0	19	BANDA SEA
08	20	26	54.0*	24.861	N	123.368	E	38	*	4.0	1.1	19	SOUTHWESTERN RYUKYU ISLANDS
08	20	33	52.5*	1.322	S	136.250	E	33	N	4.3	1.2	22	IRIAN JAYA REGION, INDONESIA
08	21	08	38.0*	6.776	N	72.994	W	161	D	4.3	1.1	34	NORTHERN COLOMBIA
08	21	11	48.4*	6.332	S	131.900	E	33	N	3.9	1.3	13	TANIMBAR ISLANDS REG., INDONESIA
08	21	16	17.9	35.286	N	4.004	W	24		3.6	0.9	37	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
08	21	24	01.9*	21.255	S	168.274	E	26	D	4.3	1.2	37	LOYALTY ISLANDS
08	21	57	46.8*	3.489	S	127.542	E	33	N	4.0	1.0	15	SERAM, INDONESIA
08	22	11	40.1	48.743	N	7.814	E	10	G		1.0	13	FRANCE. ML 3.0 (LDG).
08	22	47	17.8*	15.351	S	70.925	W	180	*	4.1	1.1	18	SOUTHERN PERU
08	23	08	58.8	48.747	N	7.868	E	10	G		1.2	15	FRANCE. ML 2.8 (LDG), 2.6 (GRF).
08	23	13	39.7*	48.74	N	7.89	E	10	G		1.0	4	FRANCE. ML 2.3 (LDG).
08	23	19	15.1	51.491	N	178.128	W	33	N	5.9 6.3	0.9	328	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 6.5 (HRV), 6.4 (GS). Me 6.1 (GS). Ms 6.1 (BRK). ML 5.6 (PMR). Felt strongly on Adak. Broadband Source Parameters (GS): Dep 29; NP1: Strike=267, Dip=22, Slip=115; NP2: Strike=60, Dip=70, Slip=80; Radiated energy 2.7*10**13 Nm. Moment Tensor (GS): Dep 28; Principal axes (scale 10**18 Nm): (T) Val=4.01, Plg=64, Azm=310; (N) Val=-0.07, Plg=8, Azm=55; (P) Val=-3.94, Plg=25, Azm=149; Best double couple: Mo=4.0*10**18 Nm; NP1: Strike=256, Dip=21, Slip=111; NP2: Strike=53, Dip=71, Slip=82. Centroid, Moment Tensor (HRV): Centroid origin time 23:19:20.9; Lat 51.33 N; Lon 177.79 W; Dep 34.1; Half- duration 4.6 sec; Principal axes (scale 10**18 Nm): (T) Val=6.67, Plg=65, Azm=309; (N) Val=0.20, Plg=9, Azm=60; (P) Val=-6.87, Plg=23, Azm=154; Best double couple: Mo=6.8*10**18 Nm; NP1: Strike=262, Dip=24, Slip=114; NP2: Strike=56, Dip=69, Slip=80.
09	00	38	26.3*	38.814	N	122.810	W	3				58	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK), 3.1 (GS).
09	01	06	38.0*	31.48	S	69.65	W	150	G		0.5	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
09	01	12	16.7	17.444	N	145.458	E	149	D	6.0 5.9	1.0	220	MARIANA ISLANDS. Mw 6.5 (HRV), 6.4 (GS). Me 6.6 (GS). Felt strongly on Saipan. Broadband Source Parameters (GS): Dep 149; NP1: Strike=220, Dip=45, Slip=170; NP2: Strike=317, Dip=83, Slip=45; Radiated energy 2.0*10**14 Nm. Moment Tensor (GS): Dep 159; Principal axes (scale 10**18 Nm): (T) Val=4.84, Plg=39, Azm=183; (N) Val=-0.02, Plg=44, Azm=325; (P) Val=-4.82, Plg=20, Azm=76; Best double couple: Mo=4.8*10**18 Nm; NP1: Strike=212, Dip=46, Slip=164; NP2: Strike=313, Dip=78, Slip=45. Centroid, Moment Tensor (HRV): Centroid origin time 01:12:22.6; Lat 17.36 N; Lon 145.98 E; Dep 159.6; Half- duration 4.6 sec; Principal axes (scale 10**18 Nm): (T) Val=7.85, Plg=38, Azm=189; (N) Val=-1.48, Plg=43, Azm=325; (P) Val=-6.38, Plg=24, Azm=79; Best double couple: Mo=7.1*10**18 Nm; NP1: Strike=218, Dip=44, Slip=168; NP2: Strike=317, Dip=82, Slip=47.
09	01	43	10.6*	34.270	S	135.683	E	10	G	4.4	1.4	10	NEAR SOUTH COAST OF AUSTRALIA
09	02	09	53.0*	3.02	S	138.55	E	33	N	4.6	0.8	11	IRIAN JAYA, INDONESIA
09	02	45	28.2*	22.097	S	179.794	W	600	G	4.6	0.8	28	SOUTH OF FIJI ISLANDS
09	03	12	42.9*	24.823	N	122.983	E	33	N	4.9	0.9	19	TAIWAN REGION
09	03	24	30.4*	24.322	N	123.407	E	33	N	4.8	0.6	8	SOUTHWESTERN RYUKYU ISLANDS
09	03	25	32.0*	24.93	N	123.55	E	33	N	4.9	1.0	13	SOUTHWESTERN RYUKYU ISLANDS
09	03	34	14.6	38.797	N	119.532	W	5	G		0.9	55	CALIFORNIA-NEVADA BORDER REGION. MD 3.4 (GM). ML 3.4 (BRK), 3.1 (GS).

09	04	08	46.1*	23.138	S	179.832	E	589 ?	4.6	0.8	55	SOUTH OF FIJI ISLANDS
09	05	01	34.0*	24.880	N	123.490	E	33 N	4.9	0.5	14	SOUTHWESTERN RYUKYU ISLANDS
09	05	19	20.4*	41.003	N	44.353	E	10 G	4.1	1.3	8	NORTHWESTERN CAUCASUS. Some damage (VI) in the Dzorashen area, Armenia. Felt (V) at Gyumri, Armenia.
09	05	40	36.5*	59.867	N	152.416	W	90			23	SOUTHERN ALASKA. <AEIC>.
09	06	35	31.6*	60.162	N	140.887	W	0 G			19	SOUTHEASTERN ALASKA. <AEIC>. ML 3.1 (AEIC).
09	08	10	21.8?	20.86	S	177.59	W	550-*	4.4	0.3	21	FIJI ISLANDS REGION
09	08	15	06.2?	12.63	N	88.40	W	33 N	4.7 4.2	1.0	24	OFF COAST OF CENTRAL AMERICA
09	08	33	55.2	24.946	N	123.451	E	33 N	5.0	1.1	52	SOUTHWESTERN RYUKYU ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:33:55.1; Lat 24.90 N; Lon 122.89 E; Dep 18.0; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=-8.42, Plg=9, Azm=350; (N) Val=-0.13, Plg=6, Azm=81; (P) Val=-8.29, Plg=79, Azm=202; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=73, Dip=36, Slip=-100; NP2: Strike=265, Dip=55, Slip=-83.
09	08	52	39.6	24.949	N	123.306	E	33 N	4.9	1.2	45	SOUTHWESTERN RYUKYU ISLANDS
09	08	53	48.3*	24.968	N	123.299	E	33 N	5.2	0.9	28	SOUTHWESTERN RYUKYU ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:53:46.7; Lat 24.97 N; Lon 123.21 E; Dep 16.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.28, Plg=15, Azm=354; (N) Val=0.35, Plg=5, Azm=263; (P) Val=-2.63, Plg=74, Azm=155; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=91, Dip=31, Slip=-80; NP2: Strike=260, Dip=60, Slip=-96.
09	09	24	48.2	40.537	N	143.540	E	33 N	4.7	0.8	38	OFF EAST COAST OF HONSHU, JAPAN
09	09	59	49.2?	12.35	N	88.40	W	33 N	4.7	1.0	22	OFF COAST OF CENTRAL AMERICA
09	10	00	29.2	51.318	N	178.030	W	33 N	4.9	0.8	84	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:00:32.7; Lat 51.48 N; Lon 177.10 W; Dep 23.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.84, Plg=70, Azm=243; (N) Val=0.94, Plg=20, Azm=58; (P) Val=-7.78, Plg=1, Azm=149; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=258, Dip=47, Slip=118; NP2: Strike=41, Dip=50, Slip=63.
09	10	02	56.0*	23.449	N	122.723	E	33 N	4.7	1.1	11	TAIWAN REGION
09	11	37	04.0*	35.136	N	4.156	W	10 G		1.0	18	STRAIT OF GIBALTAR. mbLg 3.5 (MDD).
09	12	02	14.2?	34.53	S	70.34	W	5 G		0.5	6	CHILE-ARGENTINA BORDER REGION
09	12	24	49.0	9.148	N	126.298	E	33 N	4.7	0.9	30	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Bislig.
09	12	58	19.9*	35.222	N	4.051	W	10 G		1.2	12	STRAIT OF GIBALTAR. mbLg 3.3 (MDD).
09	14	52	50.0*	47.750	N	121.850	W	3			50	WASHINGTON. <SEA-P>. MD 3.1 (SEA). Felt.
09	17	21	20.8*	35.345	N	3.954	W	10 G		0.5	13	STRAIT OF GIBALTAR. mbLg 3.4 (MDD).
09	19	16	47.0*	7.259	S	129.552	E	58 ?	4.4	1.1	20	BANDA SEA
09	20	06	13.2*	6.950	N	72.801	W	150 G	4.4	0.6	15	NORTHERN COLOMBIA
09	20	12	33.5*	12.589	S	26.095	E	10 G	5.0 4.1	0.7	80	ZAMBIA
09	21	13	59.4*	33.087	S	70.289	W	110 G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).
09	21	14	20.2?	1.59	S	136.85	E	33 N	4.3	0.7	8	IRIAN JAYA REGION, INDONESIA
09	22	03	13.8*	35.432	N	3.852	W	10 G		0.7	7	STRAIT OF GIBALTAR. mbLg 3.3 (MDD).
09	22	10	46.2*	61.624	N	147.364	W	31			33	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
09	23	25	18.5	28.325	N	92.201	E	83 D	5.1	0.9	151	EASTERN XIZANG-INDIA BORDER REG. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:25:26.6; Lat 28.71 N; Lon 92.58 E; Dep 83.0 Fix; Half-duration 3.1 sec; Principal axes (scale 10**16 Nm): (T) Val=7.50, Plg=24, Azm=303; (N) Val=-0.39, Plg=10, Azm=37; (P) Val=-7.11, Plg=64, Azm=149; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=12, Dip=23, Slip=-117; NP2: Strike=221, Dip=69, Slip=-79.
10	00	43	47.4*	51.543	N	6.456	E	10 G		1.4	10	GERMANY. ML 2.9 (LDG), 2.6 (UCC), 2.5 (DBN).
10	00	52	59.6*	46.951	N	0.690	E	10 G		0.5	13	FRANCE. ML 2.9 (LDG).
10	01	04	46.9	13.481	S	167.130	E	200 D	5.8 5.9	1.0	301	VANUATU ISLANDS. Mw 6.7 (GS), 6.7 (HRV). Me 6.0 (GS). Ms 6.0 (BRK). Broadband Source Parameters (GS): NP1: Strike=0, Dip=35, Slip=90; NP2: Strike=180, Dip=55, Slip=90; Radiated energy 2.4*10**13 Nm. Two events about 5 seconds apart. Moment Tensor (GS): Dep 205; Principal axes (scale 10**19 Nm): (T) Val=1.19, Plg=86, Azm=80; (N) Val=0.00, Plg=2, Azm=325; (P) Val=-1.19, Plg=4, Azm=235; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=323, Dip=41, Slip=87; NP2: Strike=147, Dip=49, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 01:04:54.9; Lat 13.54 S; Lon 166.99 E; Dep 196.6; Half-duration 5.2 sec; Principal axes (scale 10**19 Nm): (T) Val=1.25, Plg=83, Azm=35; (N) Val=-0.02, Plg=5, Azm=170; (P) Val=-1.23, Plg=5, Azm=260; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=356, Dip=40, Slip=98; NP2: Strike=166, Dip=50, Slip=84.
10	01	30	56.1*	28.496	N	129.033	E	10 G		1.0	5	RYUKYU ISLANDS
10	01	57	42.8*	60.037	N	153.303	W	133			16	SOUTHERN ALASKA. <AEIC>.
10	02	03	49.7*	65.137	N	148.579	W	17			8	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
10	02	25	06.5?	43.67	N	7.50	E	5 G		0.2	6	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
10	02	35	59.5?	7.64	S	118.01	E	33 N	4.2	0.7	11	FLORES SEA
10	03	45	50.9*	24.567	N	123.461	E	31 *	4.2	0.7	13	SOUTHWESTERN RYUKYU ISLANDS
10	04	01	57.5?	51.52	N	174.34	E	33 N	3.8	0.6	7	NEAR ISLANDS, ALEUTIAN ISLANDS
10	04	03	35.4	51.564	N	177.632	W	33 N	6.6 7.6	0.9	508	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 7.9 (HRV), 7.6 (GS), 7.5 (OBN). Me 7.4 (GS). Ms 7.4 (BRK). Felt (VI) on Adak and Atka. Tsunami generated with wave heights (peak-to-trough) recorded at the following selected tide stations: 102 cm on Adak, 15 cm on Shemya, 12.5 cm at Kodiak and 10.2 cm at Sand Point, Alaska; 46 cm on Midway; 55 cm at Kahului, 38 cm at Hilo, 33 cm at Nawiliwili and 10 cm at Honolulu, Hawaii; 30 cm at Crescent City, California; 10 cm at Port Angeles, Washington. Broadband Source Parameters (GS): Dep 28; NP1: Strike=273,

Dip=38, Slip=137; NP2: Strike=39, Dip=65, Slip=60; Radiated energy 3.2×10^{15} Nm. Complex earthquake, with at least two events occurring about 10 and 14 seconds after the onset. Depth based on second and larger event.

Moment Tensor (GS): Dep 20; Principal axes (scale 10^{20} Nm): (T) Val=2.43, Plg=56, Azm=329; (N) Val=0.14, Plg=0, Azm=59; (P) Val=-2.57, Plg=34, Azm=150; Best double couple: Mo=2.5 $\times 10^{20}$ Nm; NP1: Strike=242, Dip=11, Slip=92; NP2: Strike=59, Dip=79, Slip=90.

Centroid, Moment Tensor (HRV): Centroid origin time 04:04:03.4; Lat 51.10 N; Lon 177.41 W; Dep 29.0; Half-duration 18.8 sec; Principal axes (scale 10^{20} Nm): (T) Val=7.80, Plg=61, Azm=347; (N) Val=0.49, Plg=2, Azm=254; (P) Val=-8.30, Plg=29, Azm=163; Best double couple: Mo=8.1 $\times 10^{20}$ Nm; NP1: Strike=248, Dip=17, Slip=84; NP2: Strike=74, Dip=74, Slip=92.

Scalar Moment (OBN): Mo=2.3 $\times 10^{20}$ Nm.

Scalar Moment (PPT): Mo=8.6 $\times 10^{20}$ Nm.

10	04	16	49.8*	51.257	N	177.588	W	33	N	5.0	1.1	29	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	16	55.6	51.456	N	177.775	W	33	N	5.3	1.0	115	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	21	54.8	51.100	N	176.920	W	33	N	5.3	0.9	93	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	31	59.7*	53.381	N	166.202	W	33	N	4.4	1.3	21	FOX ISLANDS, ALEUTIAN ISLANDS
10	04	39	27.2	51.201	N	177.729	W	33	N	5.0	1.0	138	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	44	16.9*	51.374	N	177.900	W	33	N	4.5	0.9	24	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	47	35.0	51.519	N	177.792	W	33	N	4.6	0.7	39	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	49	31.7	51.099	N	177.825	W	33	N	5.4	0.9	235	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	52	16.6*	51.66	N	177.70	W	33	N	4.4	1.3	14	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	53	43.6	51.083	N	177.940	W	33	N	4.9	0.9	54	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	54	49.3*	51.421	N	177.853	W	33	N	4.5	1.2	14	ANDREANOF ISLANDS, ALEUTIAN IS.
10	04	57	59.1*	51.246	N	178.167	W	33	N	4.0	0.7	11	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	00	12.1	51.654	N	177.182	W	33	N	4.5	0.9	57	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	00	30.7	51.159	N	177.524	W	33	N	5.2	0.8	116	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	02	22.5	51.313	N	178.429	W	33	N	4.8	0.7	65	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	06	33.1	51.329	N	177.434	W	33	N	4.5	0.9	36	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	07	39.0*	50.94	N	178.94	E	33	N	4.3	1.3	8	RAT ISLANDS, ALEUTIAN ISLANDS
10	05	09	07.9*	51.465	N	178.190	W	33	N	4.2	1.2	19	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	18	35.0	51.159	N	176.670	W	33	N	4.5	1.0	68	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	23	50.8*	50.78	N	178.03	W	33	N		1.2	8	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	26	58.8	41.582	N	142.128	E	60	*	4.7	1.0	68	HOKKAIDO, JAPAN REGION
10	05	28	04.1*	51.15	N	176.45	W	33	N	4.1	0.8	9	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	29	14.7	51.116	N	177.680	W	33	N	5.0	1.0	182	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	34	40.8	51.146	N	177.875	W	33	N	5.3	0.8	251	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	47	01.9	51.122	N	176.878	W	33	N	4.3	1.1	40	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	54	22.6*	51.073	N	178.342	W	33	N	4.0	1.3	7	ANDREANOF ISLANDS, ALEUTIAN IS.
10	05	59	03.7*	51.352	N	176.573	W	33	N	4.3	1.2	35	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	06	14.6*	51.035	N	176.977	W	33	N	4.5	0.9	15	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	11	49.1	51.580	N	177.035	W	33	N	5.0	1.1	155	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	23	22.4	51.349	N	177.531	W	33	N	4.8	0.9	90	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	27	00.5	51.439	N	176.918	W	33	N	4.7	1.1	80	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	35	08.7*	50.982	N	176.565	W	33	N	4.0	1.1	11	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	41	38.8	51.136	N	177.365	W	33	N	4.8	1.1	131	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	45	11.8*	51.23	N	177.68	W	33	N	4.1	1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	51	09.3*	51.75	N	175.92	W	33	N	3.7	1.2	8	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	56	48.8	51.607	N	177.413	W	33	N	4.8	1.3	89	ANDREANOF ISLANDS, ALEUTIAN IS.
10	06	57	57.4	51.155	N	178.038	W	33	N	4.9	0.8	72	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	04	39.6	51.293	N	176.740	W	33	N	4.4	1.1	46	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	21	53.8*	51.116	N	177.422	W	33	N	4.0	1.3	17	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	23	45.0*	51.46	N	176.26	W	33	N	3.8	1.1	8	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	27	57.7*	51.20	N	177.60	W	33	N	3.9	0.9	6	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	30	29.0*	51.31	N	176.87	W	33	N	3.7	1.4	8	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	31	53.7*	51.59	N	178.34	W	33	N	3.7	0.9	7	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	34	36.2*	51.38	N	178.12	W	33	N	4.3	0.8	20	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	38	41.4*	13.521	S	167.139	E	200	G	4.4	1.1	28	VANUATU ISLANDS
10	07	39	47.9	51.226	N	176.606	W	33	N	4.5	1.1	55	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	42	59.8*	33.123	S	70.282	W	100	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
10	07	52	32.9*	51.44	N	176.24	W	33	N	3.6	1.4	7	ANDREANOF ISLANDS, ALEUTIAN IS.
10	07	55	17.0*	51.036	N	176.568	W	33	N	3.9	0.7	7	ANDREANOF ISLANDS, ALEUTIAN IS.
10	08	08	01.1*	51.55	N	177.25	W	33	N	3.9	1.2	12	ANDREANOF ISLANDS, ALEUTIAN IS.
10	08	11	31.6	51.557	N	177.802	W	33	N	4.3	1.2	45	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
10	08	12	40.7*	51.345	N	178.300	W	33	N	4.3	0.6	19	ANDREANOF ISLANDS, ALEUTIAN IS.
10	08	16	53.6	18.461	N	146.859	E	56	*	4.4	0.8	24	MARIANA ISLANDS
10	08	29	15.9	51.211	N	176.529	W	33	N	5.1	1.0	227	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
10	08	32	12.6	51.240	N	177.481	W	33	N	5.2	1.0	218	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR).
10	08	43	13.3*	51.190	N	176.820	W	33	N	4.2	1.0	20	ANDREANOF ISLANDS, ALEUTIAN IS.
10	08	58	25.4*	51.030	N	176.310	W	33	N	3.9	0.9	8	ANDREANOF ISLANDS, ALEUTIAN IS.
10	09	01	30.4*	51.47	N	178.20	W	33	N	3.8	1.5	6	ANDREANOF ISLANDS, ALEUTIAN IS.
10	09	02	56.0	44.552	N	6.938	E	5	G		0.7	34	FRANCE. ML 3.0 (GEN), 2.8 (LDG), 2.5 (STR).
10	09	16	18.8	51.188	N	177.776	W	33	N	4.6	1.1	95	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
10	09	29	28.5	51.481	N	177.884	W	33	N	4.2	0.7	38	ANDREANOF ISLANDS, ALEUTIAN IS.
10	09	30	02.7	51.167	N	177.474	W	33	N	5.1	0.9	199	ANDREANOF ISLANDS, ALEUTIAN IS.
10	09	32	07.0	51.191	N	176.382	W	33	N	5.2	0.9	204	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR).
10	09	41	05.0	51.213	N	176.484	W	33	N	5.4	1.2	244	ANDREANOF ISLANDS, ALEUTIAN IS. Ms 5.4 (BRK). ML 4.9 (PMR).
10	09	52	19.1	51.064	N	176.455	W	33	N	4.5	1.0	48	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	08	27.5	51.303	N	178.233	W	33	N	5.0	0.8	180	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	09	56.3*	67.950	N	161.594	W	33	N	3.4	1.3	7	NORTHERN ALASKA
10	10	12	37.6	51.298	N	176.608	W	33	N	4.3	0.9	33	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	18	27.9	51.258	N	177.809	W	33	N	4.7	1.0	109	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
10	10	23	56.3*	50.39	N	177.25	W	33	N	3.9	0.9	9	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	26	13.3	51.268	N	178.158	W	33	N	4.3	0.7	34	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	32	13.1	51.557	N	178.276	W	33	N	4.9	1.1	130	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
10	10	37	09.8	51.163	N	177.265	W	33	N	4.7	0.9	75	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
10	10	43	18.1*	51.112	N	176.505	W	33	N	3.8	0.6	6	ANDREANOF ISLANDS, ALEUTIAN IS.
10	10	47	04.8*	24.27	S	179.89	E	362	D	4.1	1.6	19	SOUTH OF FIJI ISLANDS

10	10	50	16.8	51.105 N	178.063 W	33 N	4.8	0.9	88	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).	
10	10	54	46.8	51.076 N	177.996 W	33 N	4.6	0.8	52	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	04	38.5*	51.372 N	177.787 W	33 N	3.9	0.9	15	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	21	41.6*	5.936 S	130.575 E	122 ?	4.4	1.0	16	BANDA SEA	
10	11	23	28.0*	51.079 N	176.491 W	33 N	4.1	1.0	17	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	26	32.0*	12.616 S	166.155 E	33 N	4.1	1.4	11	SANTA CRUZ ISLANDS	
10	11	34	06.0*	35.297 N	4.020 W	10 G		0.6	8	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).	
10	11	43	52.7*	51.115 N	176.490 W	33 N	4.0	1.2	22	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	44	26.4*	51.343 N	176.812 W	33 N	4.4	1.1	23	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	49	20.0*	51.89 N	176.04 W	33 N	4.0	1.2	8	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	11	54	20.5*	29.937 N	131.316 E	33 N	4.1	1.2	11	SOUTHEAST OF RYUKYU ISLANDS	
10	11	56	02.5	51.295 N	178.073 W	33 N	5.2	4.6	0.9	255	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR).
10	12	06	26.9*	51.54 N	178.49 W	33 N	3.6	0.1	4	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	12	11	55.1	51.508 N	177.743 W	33 N	4.4	1.3	62	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).	
10	12	27	07.8	51.167 N	176.129 W	33 N	4.3	0.9	32	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).	
10	13	01	06.6	51.447 N	176.816 W	33 N	5.0	1.1	127	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).	
10	13	27	06.2*	2.79 S	138.90 E	33 N	3.9	1.2	10	IRIAN JAYA, INDONESIA	
10	13	38	53.2	51.542 N	177.055 W	33 N	5.0	1.1	118	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).	
10	13	40	54.5*	32.453 S	70.967 W	70 G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).	
10	13	44	32.9	51.199 N	176.356 W	33 N	4.8	1.0	91	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).	
10	13	58	27.5	51.458 N	177.303 W	33 N	5.2	4.9	1.0	275	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR).
10	14	13	47.2*	51.268 N	177.761 W	33 N	3.9	1.1	14	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	14	16	26.0*	51.24 N	178.24 W	33 N	3.9	1.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	14	28	01.1*	51.332 N	178.383 W	33 N	3.9	1.2	21	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	14	49	07.1*	13.565 S	167.359 E	201 D	4.3	1.2	52	VANUATU ISLANDS	
10	14	57	57.9*	51.33 N	178.16 W	33 N	3.7	1.2	9	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	15	01	56.5	51.026 N	177.443 W	33 N	4.4	0.8	37	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	15	11	28.4*	51.209 N	177.552 W	33 N	4.0	1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	15	24	56.0	51.478 N	176.847 W	26 G	5.9	7.1	1.0	333	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 7.3 (HRV), 7.3 (OBN), 7.2 (GS). Me 6.9 (GS). Ms 6.9 (BRK). Felt strongly on Adak. Broadband Source Parameters (GS): Dep 26; NP1: Strike=260, Dip=37, Slip=119; NP2: Strike=45, Dip=58, Slip=70; Radiated energy 5.1*10**14 Nm. Complex earthquake, with a small event followed by a larger one about 3 seconds later. Depth based on second event. Moment Tensor (GS): Dep 11; Principal axes (scale 10**19 Nm): (T) Val=7.39, Plg=65, Azm=327; (N) Val=0.03, Plg=4, Azm=66; (P) Val=-7.42, Plg=25, Azm=158; Best double couple: Mo=7.4*10**19 Nm; NP1: Strike=258, Dip=20, Slip=103; NP2: Strike=65, Dip=70, Slip=85. Centroid, Moment Tensor (HRV): Centroid origin time 15:25:09.4; Lat 51.38 N; Lon 176.49 W; Dep 36.5; Half-duration 9.4 sec; Principal axes (scale 10**19 Nm): (T) Val=8.31, Plg=68, Azm=318; (N) Val=0.41, Plg=6, Azm=64; (P) Val=-8.72, Plg=21, Azm=157; Best double couple: Mo=8.5*10**19 Nm; NP1: Strike=258, Dip=25, Slip=105; NP2: Strike=62, Dip=66, Slip=83. Scalar Moment (OBN): Mo=1.1*10**20 Nm. Scalar Moment (PPT): Mo=1.1*10**20 Nm.
10	15	29	49.3	50.367 N	5.959 E	5 G		0.4	10	BELGIUM. ML 2.8 (LDG).	
10	15	36	29.8	51.178 N	176.759 W	33 N	5.5	1.1	187	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	15	43	29.8*	51.316 N	176.496 W	33 N	4.6	1.2	16	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	15	54	19.8	51.023 N	176.261 W	33 N	4.5	0.8	35	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	04	22.4*	51.251 N	176.546 W	33 N	3.9	0.8	13	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	12	09.5	5.807 S	147.103 E	120	4.9	0.9	51	EASTERN NEW GUINEA REG., P.N.G.	
10	16	23	28.1*	50.88 N	177.41 W	33 N	3.8	0.5	7	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	31	27.3	51.115 N	176.439 W	33 N	4.2	1.1	37	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	43	11.5*	51.386 N	176.965 W	33 N	3.8	1.3	10	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	55	30.2*	51.483 N	176.376 W	33 N	3.7	1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	16	56	06.8*	51.529 N	176.666 W	33 N	4.1	1.2	19	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	17	01	53.1*	51.356 N	178.225 W	33 N	3.9	1.1	17	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	17	07	01.5	51.718 N	177.047 W	33 N	4.7	1.3	114	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).	
10	17	16	13.1*	51.516 N	176.341 W	33 N	3.8	1.0	12	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	17	21	23.0	51.272 N	176.775 W	33 N	4.4	0.9	62	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).	
10	17	31	12.8*	50.964 N	176.310 W	33 N	3.9	0.9	22	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	17	33	05.9*	40.005 N	143.347 E	33 N	3.8	1.3	13	OFF EAST COAST OF HONSHU, JAPAN	
10	17	42	58.5*	51.30 N	177.46 W	33 N	4.0	1.3	12	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	17	44	16.4	51.577 N	177.041 W	33 N	5.4	5.6	1.0	306	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.7 (PMR).
10	17	51	45.6*	51.20 N	176.52 W	33 N	4.4	1.0	8	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	18	02	13.3	22.199 S	179.692 W	600 G	4.6	0.9	55	SOUTH OF FIJI ISLANDS	
10	18	18	34.2*	33.101 S	72.130 W	8	4.1	1.1	16	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).	
10	18	21	08.3*	2.02 N	129.01 E	33 N	3.9	1.1	7	HALMAHERA, INDONESIA	
10	18	25	37.2	51.100 N	177.996 W	33 N	4.5	0.8	61	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).	
10	18	41	29.0*	51.96 N	177.54 W	33 N	3.6	1.3	5	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	18	46	21.6*	51.19 N	176.43 W	33 N	4.0	0.9	9	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	18	47	46.8	51.558 N	177.850 W	33 N	4.3	0.8	46	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	18	58	59.5*	50.996 N	176.497 W	33 N	3.7	0.7	6	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	19	16	39.3	51.341 N	176.821 W	33 N	4.7	1.0	92	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).	
10	19	43	25.3	51.449 N	176.471 W	33 N	4.7	0.8	99	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).	
10	19	44	38.1*	33.026 S	72.283 W	10 G		0.3	12	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).	
10	19	44	43.0	51.273 N	176.466 W	33 N	4.8	1.0	124	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	19	51	29.0*	51.011 N	176.225 W	33 N	4.1	0.5	13	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	19	54	29.3	5.885 S	130.798 E	102 *	4.7	0.9	44	BANDA SEA	
10	20	05	14.1	51.255 N	176.607 W	33 N	4.2	1.2	41	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).	
10	20	12	12.2	51.313 N	178.608 W	33 N	3.9	1.0	23	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	20	23	24.1	51.272 N	177.677 W	33 N	4.2	0.9	34	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	20	23	31.3*	5.883 S	145.588 E	112 *	3.5	1.3	13	EASTERN NEW GUINEA REG., P.N.G.	
10	20	26	08.0*	33.134 S	71.954 W	20 G		0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).	
10	20	26	44.6*	51.335 N	176.691 W	33 N	3.7	1.2	13	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	20	31	44.2*	51.149 N	176.564 W	33 N	4.0	0.7	18	ANDREANOF ISLANDS, ALEUTIAN IS.	
10	20	48	33.7*	54.28 S	142.98 E	10 G	4.1	1.5	14	WEST OF MACQUARIE ISLAND	
10	20	48	55.8	51.213 N	176.246 W	33 N	4.4	1.1	62	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).	
10	20	54	59.2*	23.479 S	66.869 W	200 G	3.7	1.5	6	JUJUY PROVINCE, ARGENTINA	

10	21	15	43.3*	33.147	S	71.895	W	20	G	0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).	
10	21	20	40.7*	51.226	N	176.465	W	33	N	4.2	0.7	13	ANDREANOF ISLANDS, ALEUTIAN IS.
10	21	24	58.4	51.099	N	176.557	W	33	N	4.5	0.9	80	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
10	21	30	51.0	51.214	N	176.414	W	33	N	4.4	1.0	32	ANDREANOF ISLANDS, ALEUTIAN IS.
10	21	48	39.8*	24.132	S	66.994	W	200	G	3.7	1.3	8	SALTA PROVINCE, ARGENTINA
10	22	07	04.3*	11.535	S	166.179	E	33	N	4.5	1.0	32	SANTA CRUZ ISLANDS
10	22	46	39.1*	51.062	N	178.335	W	33	N	4.1	1.2	25	ANDREANOF ISLANDS, ALEUTIAN IS.
10	23	10	53.4	51.157	N	176.389	W	33	N	4.5	0.9	65	ANDREANOF ISLANDS, ALEUTIAN IS.
10	23	12	44.0*	51.27	N	177.79	W	33	N	4.1	0.8	10	ANDREANOF ISLANDS, ALEUTIAN IS.
10	23	16	36.1*	41.96	N	3.71	E	5	G		1.5	7	SPAIN. ML 2.5 (LDG).
10	23	19	23.2*	51.17	N	178.21	W	33	N	3.9	1.0	11	ANDREANOF ISLANDS, ALEUTIAN IS.
11	00	09	51.4*	51.05	N	177.67	W	33	N	3.9	1.4	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	00	11	51.6*	67.082	N	160.056	W	10	G		0.3	5	NORTHERN ALASKA. ML 3.1 (PMR).
11	00	18	44.6	51.203	N	177.071	W	33	N	4.4	1.1	43	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
11	00	35	04.5*	17.673	N	146.460	E	90	?	4.0	1.3	20	MARIANA ISLANDS
11	00	35	52.8	51.051	N	176.623	W	33	N	4.3	1.0	35	ANDREANOF ISLANDS, ALEUTIAN IS.
11	00	44	52.8*	51.075	N	176.439	W	33	N	4.1	1.2	21	ANDREANOF ISLANDS, ALEUTIAN IS.
11	00	57	00.7*	36.90	N	3.99	W	50	G		0.3	5	STRAIT OF GIBRALTAR
11	01	04	22.9	51.103	N	176.141	W	33	N	4.3	1.0	42	ANDREANOF ISLANDS, ALEUTIAN IS.
11	01	37	05.5*	51.284	N	176.018	W	33	N	3.9	1.3	21	ANDREANOF ISLANDS, ALEUTIAN IS.
11	02	14	57.8*	51.119	N	176.497	W	33	N	4.3	1.1	34	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
11	02	32	47.4*	51.21	N	176.82	W	33	N	3.8	1.2	10	ANDREANOF ISLANDS, ALEUTIAN IS.
11	03	10	20.7	44.642	N	6.717	E	5	G		0.7	10	FRANCE. ML 1.8 (GEN), 1.5 (LDG).
11	03	22	28.9	44.659	N	6.782	E	5	G		0.6	45	FRANCE. ML 3.1 (GEN), 2.8 (LDG), 2.8 (STR).
11	03	30	38.9	44.638	N	6.719	E	5	G		0.5	18	FRANCE. ML 2.9 (GEN), 2.3 (LDG).
11	03	32	54.4*	51.08	N	176.69	W	33	N	3.8	0.9	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	03	44	39.1	51.176	N	176.120	W	33	N	4.7	1.0	102	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
11	03	51	48.3	44.639	N	6.728	E	5	G		0.5	15	FRANCE. ML 2.3 (GEN), 2.0 (LDG).
11	04	02	42.3*	50.89	N	175.96	W	33	N	3.6	1.0	6	ANDREANOF ISLANDS, ALEUTIAN IS.
11	04	10	00.3*	53.27	N	166.21	W	33	N	3.7	1.1	8	FOX ISLANDS, ALEUTIAN ISLANDS
11	04	25	23.7*	51.312	N	176.646	W	33	N	3.9	1.2	10	ANDREANOF ISLANDS, ALEUTIAN IS.
11	04	58	00.7*	51.233	N	176.345	W	33	N	4.1	1.2	27	ANDREANOF ISLANDS, ALEUTIAN IS.
11	05	03	23.1*	33.047	S	72.122	W	10	G		0.3	11	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
11	05	07	35.2*	51.13	N	176.11	W	33	N	3.6	1.1	7	ANDREANOF ISLANDS, ALEUTIAN IS.
11	05	10	03.9*	44.622	N	6.667	E	10	G		0.3	6	FRANCE. ML 1.9 (GEN).
11	05	14	51.9*	51.20	N	176.56	W	33	N	4.0	0.1	5	ANDREANOF ISLANDS, ALEUTIAN IS.
11	05	25	43.3	35.927	N	140.154	E	75		4.0	1.1	30	NEAR EAST COAST OF HONSHU, JAPAN
11	05	44	02.6*	51.424	N	177.959	W	33	N	4.1	0.9	27	ANDREANOF ISLANDS, ALEUTIAN IS.
11	05	50	51.5	51.074	N	177.312	W	33	N	4.3	0.9	65	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).
11	05	52	00.1*	38.606	N	21.638	E	33	N	3.6	0.8	9	GREECE
11	05	54	49.3*	51.242	N	176.234	W	33	N	4.0	1.2	18	ANDREANOF ISLANDS, ALEUTIAN IS.
11	06	27	11.3	51.305	N	176.024	W	33	N	4.4	0.9	39	ANDREANOF ISLANDS, ALEUTIAN IS.
11	07	08	52.2	50.391	N	177.271	W	33	N	4.4	1.0	65	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
11	07	29	19.7	21.942	S	176.210	W	141	D	5.0	0.9	132	FIJI ISLANDS REGION
11	07	56	37.1*	51.31	N	178.27	W	33	N	3.8	1.1	10	ANDREANOF ISLANDS, ALEUTIAN IS.
11	08	07	48.9*	33.057	S	72.265	W	10	G		0.9	14	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
11	08	11	06.6	51.278	N	178.054	W	33	N	4.2	0.9	36	ANDREANOF ISLANDS, ALEUTIAN IS.
11	09	04	15.4*	7.12	S	129.70	E	100	G	4.0	1.2	10	BANDA SEA
11	09	14	46.4*	51.05	N	177.58	W	33	N	3.9	1.2	12	ANDREANOF ISLANDS, ALEUTIAN IS.
11	09	17	34.7	51.084	N	177.694	W	33	N	4.2	1.0	39	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
11	09	28	18.0*	31.966	N	141.176	E	33	N	4.1	1.2	19	SOUTH OF HONSHU, JAPAN
11	09	40	33.2	33.556	N	141.041	E	33	N	4.8	0.9	25	OFF EAST COAST OF HONSHU, JAPAN
11	10	40	08.0	51.276	N	176.256	W	33	N	5.6	1.0	341	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.9 (HRV), 5.8 (GS). Me 5.6 (GS). Ms 5.5 (BRK). ML 5.2 (PMR). Felt on Adak. Broadband Source Parameters (GS): Dep 18; NP1: Strike=274, Dip=38, Slip=137; NP2: Strike=40, Dip=65, Slip=60; Radiated energy 6.1*10**12 Nm. Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=6.32, Plg=65, Azm=305; (N) Val=-1.39, Plg=12, Azm=62; (P) Val=-4.93, Plg=21, Azm=157; Best double couple: Mo=5.6*10**17 Nm; NP1: Strike=269, Dip=26, Slip=119; NP2: Strike=57, Dip=67, Slip=77. Centroid, Moment Tensor (HRV): Centroid origin time 10:40:10.8; Lat 51.28 N; Lon 175.92 W; Dep 23.4; Half-duration 2.5 sec; Principal axes (scale 10**17 Nm): (T) Val=7.86, Plg=69, Azm=325; (N) Val=0.75, Plg=4, Azm=64; (P) Val=-8.62, Plg=20, Azm=156; Best double couple: Mo=8.2*10**17 Nm; NP1: Strike=252, Dip=25, Slip=99; NP2: Strike=63, Dip=66, Slip=86.
11	10	46	27.8*	51.315	N	176.131	W	33	N	4.3	1.2	14	ANDREANOF ISLANDS, ALEUTIAN IS.
11	10	48	17.7	51.291	N	176.433	W	33	N	4.8	1.0	102	ANDREANOF ISLANDS, ALEUTIAN IS.
11	10	50	40.4*	34.433	S	70.459	W	10	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
11	10	53	43.4*	51.71	N	176.26	W	33	N	4.0	1.1	9	ANDREANOF ISLANDS, ALEUTIAN IS.
11	10	57	24.0	51.311	N	176.245	W	33	N	4.9	0.9	123	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
11	11	00	47.2	51.273	N	176.182	W	33	N	5.2	0.9	216	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.8 (HRV). ML 5.2 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 11:00:50.0; Lat 51.29 N; Lon 175.74 W; Dep 18.0 Bdy; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.22, Plg=65, Azm=327; (N) Val=0.28, Plg=2, Azm=62; (P) Val=-5.50, Plg=25, Azm=153; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=249, Dip=20, Slip=97; NP2: Strike=61, Dip=70, Slip=87.
11	11	03	16.8*	37.481	N	118.873	W	8			34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (GS).	
11	11	15	19.7*	51.00	N	176.12	W	33	N	3.8	1.3	10	ANDREANOF ISLANDS, ALEUTIAN IS.
11	12	00	59.7*	51.199	N	176.024	W	33	N	4.0	1.2	16	ANDREANOF ISLANDS, ALEUTIAN IS.
11	12	23	43.5	51.310	N	176.116	W	33	N	4.5	0.9	70	ANDREANOF ISLANDS, ALEUTIAN IS.
11	12	31	54.5	51.530	N	176.838	W	33	N	4.5	1.1	50	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
11	13	03	03.6	51.262	N	176.460	W	33	N	5.3	1.0	266	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.6 (GS), 5.6 (HRV). ML 5.2 (PMR). Felt on Adak. Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=2.29, Plg=78, Azm=280; (N) Val=0.36, Plg=12, Azm=90; (P) Val=-2.65, Plg=2, Azm=180; Best double couple:

Mo=2.5*10**17 Nm; NP1: Strike=283, Dip=44, Slip=107; NP2: Strike=79, Dip=48, Slip=74.
Centroid, Moment Tensor (HRV): Centroid origin time 13:03:05.7; Lat 51.34 N; Lon 176.39 W; Dep 18.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=-2.82, Plg=74, Azm=327; (N) Val=0.07, Plg=8, Azm=84; (P) Val=-2.89, Plg=14, Azm=176; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=276, Dip=31, Slip=105; NP2: Strike=79, Dip=60, Slip=81.

11	13	13	41.7?	48.38	N	149.50	E	382 ?	3.5	0.9	12	NORTHWEST OF KURIL ISLANDS
11	13	16	55.5	51.069	N	177.818	W	33 N	4.4	0.9	70	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
11	13	44	21.3%	44.602	N	6.660	E	5 G		0.4	5	FRANCE. ML 1.9 (GEN).
11	14	02	22.3%	44.598	N	6.630	E	5 G		0.7	5	FRANCE. ML 2.1 (GEN).
11	14	05	39.5	28.335	N	130.014	E	38 *	3.7	0.9	12	RYUKYU ISLANDS
11	14	29	11.4	24.935	S	179.897	E	493 D	4.5	1.1	50	SOUTH OF FIJI ISLANDS
11	14	47	58.5%	44.669	N	6.822	E	5 G		0.4	5	FRANCE. ML 1.9 (GEN).
11	15	07	18.5*	51.229	N	176.532	W	33 N	4.2	1.0	27	ANDREANOF ISLANDS, ALEUTIAN IS.
11	15	22	19.9?	16.58	S	173.38	W	33 N	4.3	1.3	12	TONGA ISLANDS
11	15	55	32.2*	51.461	N	177.787	W	33 N	3.9	1.3	23	ANDREANOF ISLANDS, ALEUTIAN IS.
11	16	13	38.4?	8.31	S	118.29	E	100 G	4.0	0.8	14	SUMBAWA REGION, INDONESIA
11	16	14	58.7	35.643	N	140.635	E	55	4.7	0.9	78	NEAR EAST COAST OF HONSHU, JAPAN
11	16	21	41.6	51.194	N	176.422	W	33 N	4.3	0.7	24	ANDREANOF ISLANDS, ALEUTIAN IS.
11	16	26	58.5	35.622	N	140.935	E	33 N	3.8	0.9	14	NEAR EAST COAST OF HONSHU, JAPAN
11	16	38	36.7	51.486	N	178.321	W	33 N	5.2 4.6	0.9	288	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.2 (HRV). ML 5.3 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 16:38:40.7; Lat 51.41 N; Lon 178.26 W; Dep 39.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.88, Plg=57, Azm=283; (N) Val=-0.94, Plg=24, Azm=56; (P) Val=-7.95, Plg=21, Azm=156; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=282, Dip=32, Slip=141; NP2: Strike=47, Dip=70, Slip=64.
11	16	52	12.7	17.250	N	68.281	W	33 N	5.5 4.4	0.9	336	MONA PASSAGE. Felt at Mayaguez, Puerto Rico.
11	16	57	35.4	7.063	N	74.579	W	59 D	4.9	0.9	119	NORTHERN COLOMBIA
11	17	20	46.4?	1.21	S	136.44	E	33 N	4.2	1.0	10	IRIAN JAYA REGION, INDONESIA
11	17	37	46.4*	7.469	S	128.325	E	150 G	3.9	1.0	11	BANDA SEA
11	18	22	55.7	12.614	N	125.154	E	33 N	6.0 7.0	0.9	307	SAMAR, PHILIPPINE ISLANDS. Mw 7.1 (HRV), 7.1 (OBN), 7.0 (GS). Me 6.6 (GS). Ms 7.2 (BRK). Felt (V RF) at Catarman. Felt (IV RF) at Palo, Leyte. Also felt (IV RF) at Bulusan, (III RF) at Legaspi and (I RF) at Quezon, Luzon. Broadband Source Parameters (GS): Dep 28; NP1: Strike=134, Dip=23, Slip=51; NP2: Strike=355, Dip=72, Slip=105; Radiated energy 2.0*10**14 Nm. Complex earthquake. Moment Tensor (GS): Dep 17; Principal axes (scale 10**19 Nm): (T) Val=3.21, Plg=63, Azm=292; (N) Val=0.05, Plg=14, Azm=173; (P) Val=-3.27, Plg=22, Azm=77; Best double couple: Mo=3.2*10**19 Nm; NP1: Strike=142, Dip=26, Slip=56; NP2: Strike=358, Dip=69, Slip=105. Centroid, Moment Tensor (HRV): Centroid origin time 18:23:05.6; Lat 12.74 N; Lon 125.41 E; Dep 28.5; Half-duration 9.3 sec; Principal axes (scale 10**19 Nm): (T) Val=4.90, Plg=63, Azm=285; (N) Val=-0.08, Plg=11, Azm=172; (P) Val=-4.83, Plg=24, Azm=77; Best double couple: Mo=4.9*10**19 Nm; NP1: Strike=144, Dip=23, Slip=60; NP2: Strike=356, Dip=70, Slip=102. Scalar Moment (OBN): Mo=5.4*10**19 Nm. Scalar Moment (PPT): Mo=5.7*10**19 Nm.
11	18	26	49.0*	51.217	N	176.099	W	33 N	4.5	1.2	36	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
11	18	34	12.6	12.682	N	125.126	E	33 N	5.3	1.1	81	SAMAR, PHILIPPINE ISLANDS
11	18	37	09.9	12.659	N	125.134	E	33 N	4.6	0.7	21	SAMAR, PHILIPPINE ISLANDS
11	18	42	26.8*	12.596	N	125.169	E	33 N	4.5	1.1	12	SAMAR, PHILIPPINE ISLANDS
11	18	45	48.9	12.727	N	125.310	E	33 N	4.9	0.9	27	SAMAR, PHILIPPINE ISLANDS
11	18	47	38.5	51.351	N	177.816	W	33 N	4.7	1.1	75	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
11	18	51	03.8*	12.698	N	125.180	E	33 N	4.2	0.9	11	SAMAR, PHILIPPINE ISLANDS
11	19	05	49.4*	12.626	N	125.269	E	33 N	4.4	0.8	19	SAMAR, PHILIPPINE ISLANDS
11	19	14	14.3	12.673	N	125.177	E	33 N	4.8	0.8	33	SAMAR, PHILIPPINE ISLANDS
11	19	37	41.5?	12.86	N	125.71	E	33 N	4.3	1.3	17	SAMAR, PHILIPPINE ISLANDS
11	19	45	47.8*	12.527	N	125.317	E	33 N	4.4	1.0	19	SAMAR, PHILIPPINE ISLANDS
11	20	15	07.6*	38.070	N	31.009	E	33 N	3.5	1.6	14	TURKEY. Felt in the Isparta area.
11	20	40	13.1*	12.613	N	125.533	E	33 N	4.3	0.9	20	SAMAR, PHILIPPINE ISLANDS
11	20	47	54.0	51.436	N	176.304	W	33 N	4.5	1.1	50	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
11	21	22	17.0*	25.601	N	125.113	E	53 ?	3.7	1.3	7	SOUTHWESTERN RYUKYU ISLANDS
11	21	34	53.5?	12.67	N	125.95	E	33 N	4.2	0.7	10	SAMAR, PHILIPPINE ISLANDS
11	21	44	20.2?	33.11	S	71.96	W	20 G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
11	21	45	06.2	45.740	N	27.234	E	38 *	4.0	1.2	28	ROMANIA. Felt (V) in the epicentral area.
11	21	47	56.8	12.696	N	125.172	E	33 N	4.8	1.0	34	SAMAR, PHILIPPINE ISLANDS
11	21	51	10.6*	51.191	N	176.982	W	33 N	4.0	1.2	19	ANDREANOF ISLANDS, ALEUTIAN IS.
12	00	12	50.4*	19.075	N	145.954	E	102 ?	4.2	1.1	22	MARIANA ISLANDS
12	00	20	14.0?	10.88	S	113.40	E	33 N	4.1	1.7	12	SOUTH OF JAWA, INDONESIA
12	00	29	45.6?	25.18	S	179.77	W	500 G	4.5	1.1	17	SOUTH OF FIJI ISLANDS
12	00	30	15.0	12.677	N	125.200	E	33 N	4.9	1.3	40	SAMAR, PHILIPPINE ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:30:18.5; Lat 13.24 N; Lon 125.51 E; Dep 33.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.97, Plg=69, Azm=254; (N) Val=-0.03, Plg=12, Azm=130; (P) Val=-1.94, Plg=17, Azm=36; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=109, Dip=30, Slip=66; NP2: Strike=316, Dip=63, Slip=103.
12	00	33	24.4*	12.613	N	125.168	E	33 N	4.8	1.0	25	SAMAR, PHILIPPINE ISLANDS
12	01	03	17.9*	35.706	N	139.716	E	100 G	4.2	1.0	7	NEAR S. COAST OF HONSHU, JAPAN
12	01	38	27.8%	32.631	S	70.756	W	80 G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
12	02	09	14.3?	4.86	S	144.36	E	33 N	3.8	1.1	5	NEAR N COAST OF NEW GUINEA, PNG.
12	02	16	48.4	51.420	N	178.214	W	33 N	5.5 5.3	0.9	376	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.8 (HRV), 5.7 (GS). Me 5.5 (GS). ML 5.6 (PMR). Felt on Adak.

Broadband Source Parameters (GS): Dep 26; NP1: Strike-274, Dip-38, Slip-137; NP2: Strike-40, Dip-65, Slip-60; Radiated energy 4.1×10^{12} Nm.

Moment Tensor (GS): Dep 21; Principal axes (scale 10^{17} Nm): (T) Val=-4.58, Plg-55, Azm-294; (N) Val=0.10, Plg-27, Azm-70; (P) Val=-4.67, Plg-21, Azm-172; Best double couple: Mo= 4.6×10^{17} Nm; NP1: Strike-299, Dip-34, Slip-144; NP2: Strike-60, Dip-71, Slip-61.

Centroid, Moment Tensor (HRV): Centroid origin time 02:16:51.0; Lat 51.38 N; Lon 178.01 W; Dep 37.0; Half-duration 1.9 sec; Principal axes (scale 10^{17} Nm): (T) Val=5.14, Plg-64, Azm-312; (N) Val=0.27, Plg-10, Azm-62; (P) Val=-5.41, Plg-24, Azm-157; Best double couple: Mo= 5.3×10^{17} Nm; NP1: Strike-266, Dip-23, Slip-116; NP2: Strike-59, Dip-70, Slip-80.

12	02	53	14.1*	51.341 N	176.514 W	33 N	4.1	1.0	7	ANDREANOF ISLANDS, ALEUTIAN IS.
12	03	09	22.2	51.372 N	178.228 W	33 N	5.1 4.9	0.9	200	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.5 (HRV). ML 5.3 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 03:09:22.8; Lat 51.28 N; Lon 177.53 W; Dep 37.2; Half-duration 1.1 sec; Principal axes (scale 10^{17} Nm): (T) Val=1.67, Plg-46, Azm-314; (N) Val=0.19, Plg-15, Azm-60; (P) Val=-1.86, Plg-40, Azm-163; Best double couple: Mo= 1.8×10^{17} Nm; NP1: Strike-317, Dip-15, Slip-168; NP2: Strike-59, Dip-87, Slip-75.
12	03	39	35.9	20.028 N	70.194 W	33 N	4.5	1.0	75	DOMINICAN REPUBLIC REGION
12	03	40	00.2*	42.066 N	73.470 E	33 N	3.6	1.5	14	KYRGYZSTAN
12	04	01	10.0	51.518 N	177.261 W	33 N	4.7	1.3	73	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
12	04	26	56.4*	23.22 N	123.93 E	33 N	3.7	1.8	16	SOUTHWESTERN RYUKYU ISLANDS
12	04	31	11.8*	11.652 N	143.553 E	88 ?	4.1	1.3	21	SOUTH OF MARIANA ISLANDS
12	04	36	53.8	51.442 N	176.872 W	33 N	4.4	1.1	36	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
12	04	49	28.8*	12.754 N	125.075 E	33 N	3.9	1.0	7	SAMAR, PHILIPPINE ISLANDS
12	04	49	58.2*	14.019 N	91.539 W	33 N	4.3	1.2	38	GUATEMALA
12	04	50	06.9*	12.574 N	125.142 E	33 N	4.3	1.3	17	SAMAR, PHILIPPINE ISLANDS
12	05	25	44.6	11.682 N	143.132 E	41 *	4.5	1.0	32	SOUTH OF MARIANA ISLANDS
12	06	03	45.7*	19.309 S	175.189 W	33 N	4.8	1.2	43	TONGA ISLANDS
12	06	17	46.4*	11.775 N	142.929 E	33 N	4.3	1.4	26	SOUTH OF MARIANA ISLANDS
12	06	51	27.0*	24.757 N	97.652 E	107 ?	4.1	0.7	11	MYANMAR-CHINA BORDER REGION
12	08	03	29.4	24.052 S	66.740 W	188 *	4.4	1.1	40	SALTA PROVINCE, ARGENTINA
12	08	21	52.6*	36.46 N	2.84 W	10 G		0.6	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
12	09	06	45.3	51.321 N	176.377 W	33 N	4.7	1.0	55	ANDREANOF ISLANDS, ALEUTIAN IS.
12	09	33	53.6*	60.199 N	153.351 W	137			43	SOUTHERN ALASKA. <AEIC>.
12	10	24	52.5	51.396 N	176.281 W	33 N	4.8	1.3	67	ANDREANOF ISLANDS, ALEUTIAN IS.
12	10	43	26.0*	51.03 N	177.31 W	33 N	4.2	1.3	13	ANDREANOF ISLANDS, ALEUTIAN IS.
12	11	15	09.0*	41.00 S	173.82 E	85 *	4.4	1.0	14	SOUTH ISLAND, NEW ZEALAND
12	11	42	26.1*	33.361 S	70.811 W	70 G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 2.3 (SAN).
12	11	44	13.0*	33.743 N	135.271 E	33 N		0.5	7	NEAR S. COAST OF WESTERN HONSHU
12	12	04	56.5*	45.048 N	8.601 E	10 G		0.4	9	NORTHERN ITALY. ML 2.5 (GEN).
12	12	40	36.7	51.231 N	177.738 W	33 N	4.5	0.9	42	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
12	12	40	44.4*	8.628 S	119.970 E	150 G	4.6	1.0	20	FLORES REGION, INDONESIA
12	12	48	24.7*	51.065 N	176.291 W	33 N	3.8	1.0	16	ANDREANOF ISLANDS, ALEUTIAN IS.
12	13	31	08.4*	12.47 N	125.19 E	33 N	3.8	1.4	6	SAMAR, PHILIPPINE ISLANDS
12	14	12	55.5*	15.32 N	60.88 W	123 *	3.5	0.2	10	LEEWARD ISLANDS. MD 3.5 (TRN).
12	14	28	27.0*	11.530 S	166.329 E	50 D	4.9	1.0	27	SANTA CRUZ ISLANDS
12	14	32	49.1	51.252 N	176.100 W	33 N	5.2 5.0	0.9	218	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.6 (HRV). ML 5.3 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 14:32:51.8; Lat 51.38 N; Lon 175.95 W; Dep 18.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10^{17} Nm): (T) Val=2.73, Plg-64, Azm-349; (N) Val=0.28, Plg-5, Azm-248; (P) Val=-3.00, Plg-25, Azm-156; Best double couple: Mo= 2.9×10^{17} Nm; NP1: Strike-234, Dip-20, Slip-75; NP2: Strike-70, Dip-70, Slip-96.
12	14	37	30.3*	51.117 N	176.373 W	33 N	4.6	1.0	15	ANDREANOF ISLANDS, ALEUTIAN IS.
12	14	42	39.6*	11.553 S	166.212 E	33 N	4.6	1.3	34	SANTA CRUZ ISLANDS
12	15	00	39.2	51.220 N	176.124 W	33 N	4.1	1.1	43	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
12	15	42	07.0	21.890 N	62.149 E	10 G	5.0	1.2	78	ARABIAN SEA
12	16	54	48.3*	13.426 N	124.469 E	33 N	4.4	1.0	18	LUZON, PHILIPPINE ISLANDS
12	17	35	26.7*	40.510 N	121.899 W	14			23	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
12	17	36	02.2*	32.766 S	70.105 W	100 G		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
12	18	13	30.0	11.698 N	143.106 E	33 N	5.0 4.7	1.0	75	SOUTH OF MARIANA ISLANDS
12	18	15	11.7*	34.230 N	117.477 W	9			41	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.1 (GS). Felt.
12	18	48	28.0*	36.618 N	139.452 E	10 G		0.8	5	EASTERN HONSHU, JAPAN
12	19	50	58.9	51.284 N	176.208 W	33 N	4.6 4.1	0.9	75	ANDREANOF ISLANDS, ALEUTIAN IS.
12	20	07	52.6	42.635 N	144.500 E	74 D	4.6	1.2	29	HOKKAIDO, JAPAN REGION
12	21	06	47.8*	44.431 N	6.351 E	5 G		0.3	6	FRANCE. ML 1.9 (LDG).
12	21	40	51.3*	36.857 N	71.678 E	197 D	3.6	0.7	8	AFGHANISTAN-TAJIKISTAN BORD REG.
12	21	56	58.6*	35.874 N	140.103 E	64		1.3	26	NEAR EAST COAST OF HONSHU, JAPAN
12	22	48	28.7	28.837 N	43.478 W	10 G	4.5 3.7	1.1	60	NORTHERN MID-ATLANTIC RIDGE
12	23	19	44.5*	37.477 N	118.846 W	10			33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
12	23	55	49.5	29.499 N	140.943 E	83 D	4.2	0.9	26	SOUTH OF HONSHU, JAPAN
13	00	15	42.9	55.552 N	158.485 E	300 G	4.7	0.7	160	KAMCHATKA
13	00	33	23.2	51.549 N	177.729 W	33 N	4.7 4.2	1.0	110	ANDREANOF ISLANDS, ALEUTIAN IS.
13	01	23	54.1	23.258 N	101.523 E	33 N	4.2	1.0	19	YUNNAN, CHINA
13	02	04	50.7	51.576 N	178.345 W	33 N	4.1 4.4	0.9	41	ANDREANOF ISLANDS, ALEUTIAN IS.
13	02	47	27.7*	51.719 N	178.222 W	33 N	4.2	1.3	31	ANDREANOF ISLANDS, ALEUTIAN IS.
13	03	29	37.1*	46.278 N	2.804 E	10 G		0.5	6	FRANCE. ML 1.7 (LDG).
13	05	41	23.4	37.600 N	21.351 E	33 N	4.0	1.1	22	SOUTHERN GREECE
13	06	57	58.2	20.416 S	178.310 W	535 D	5.1	1.0	207	FIJI ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:58:03.5; Lat 20.29 S; Lon 178.27 W; Dep 553.0; Half-duration 1.4 sec; Principal axes (scale 10^{17} Nm): (T) Val=2.35, Plg-32, Azm-159; (N) Val=0.01, Plg-10, Azm-62; (P) Val=-2.36, Plg-56, Azm-317; Best double couple:

Mo=2.3*10**17 Nm; NPl: Strike=282, Dip=16, Slip=-49; NP2: Strike=60, Dip=78, Slip=-100.

13	07	00	15.4*	22.379	S	147.808	E	10	G	0.9	8	QUEENSLAND, AUSTRALIA
13	07	08	46.0*	20.430	S	67.666	W	200	G	4.0	1.0	20 SOUTHERN BOLIVIA
13	07	20	37.5*	51.329	N	177.096	W	33	N	4.0	1.1	16 ANDREANOF ISLANDS, ALEUTIAN IS.
13	07	24	38.7*	23.974	S	66.835	W	200	G	3.9	1.2	9 JUJUY PROVINCE, ARGENTINA
13	07	26	33.1*	42.941	N	146.072	E	50	G	4.1	1.3	23 OFF COAST OF HOKKAIDO, JAPAN
13	08	50	53.3*	12.780	S	169.066	E	600	G	4.2	0.7	19 SANTA CRUZ ISLANDS REGION
13	09	23	25.3*	50.87	N	177.30	W	33	N	3.8	1.1	4 ANDREANOF ISLANDS, ALEUTIAN IS.
13	09	59	29.9*	33.921	N	135.399	E	62	*		0.2	7 NEAR S. COAST OF WESTERN HONSHU
13	10	17	51.0*	17.017	S	178.981	W	500	G	4.1	1.0	32 FIJI ISLANDS REGION
13	11	37	51.2*	7.03	S	153.71	E	33	N	3.9	0.6	7 NEW BRITAIN REGION, P.N.G.
13	11	43	23.3*	51.53	N	175.69	W	33	N	3.7	1.3	7 ANDREANOF ISLANDS, ALEUTIAN IS.
13	11	45	49.4*	33.516	S	69.970	W	10	G		0.2	9 CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
13	11	59	19.1*	13.544	S	167.169	E	200	G	4.3	1.3	41 VANUATU ISLANDS
13	12	10	46.8*	6.031	S	130.437	E	100	G	3.9	0.9	11 BANDA SEA
13	12	46	57.2*	1.69	N	102.39	W	10	G	3.6	0.8	8 EAST CENTRAL PACIFIC OCEAN
13	13	07	44.2*	54.745	N	161.325	E	38	D	4.2	1.1	27 NEAR EAST COAST OF KAMCHATKA
13	13	09	00.0*	1.882	N	102.124	W	10	G	4.4	0.9	16 EAST CENTRAL PACIFIC OCEAN
13	13	40	19.0*	33.03	S	71.98	W	10	G		0.5	9 NEAR COAST OF CENTRAL CHILE. MD 2.9 (SAN).
13	14	08	32.5*	0.79	S	137.09	E	33	N	3.8	1.3	10 IRIAN JAYA REGION, INDONESIA
13	14	32	47.5*	36.88	N	8.03	W	10	G		1.1	9 WEST OF GIBRALTAR. mblg 3.2 (MDD).
13	14	53	48.9*	36.470	N	139.732	E	33	N	3.5	1.3	6 EASTERN HONSHU, JAPAN
13	15	02	10.8*	6.578	S	155.136	E	33	N	3.8	1.1	8 SOLOMON ISLANDS
13	15	35	33.1*	23.210	S	179.833	W	500	G	4.6	1.2	30 SOUTH OF FIJI ISLANDS
13	15	52	07.7*	22.730	N	120.455	E	33	N	3.9	0.7	7 TAIWAN
13	16	10	42.1*	12.432	N	124.843	E	33	N		0.7	10 SAMAR, PHILIPPINE ISLANDS
13	17	00	38.1	51.455	N	176.827	W	33	N	4.5	1.1	38 ANDREANOF ISLANDS, ALEUTIAN IS.
13	17	57	13.2*	51.45	N	178.04	W	33	N	3.8	1.3	8 ANDREANOF ISLANDS, ALEUTIAN IS.
13	18	25	20.7*	44.810	N	150.325	E	33	N	4.6	4.5	1.1 44 EAST OF KURIL ISLANDS
13	18	35	54.2	51.169	N	177.601	W	33	N	4.2	1.0	40 ANDREANOF ISLANDS, ALEUTIAN IS.
13	18	48	21.1	21.657	N	142.961	E	325		4.1	1.0	50 MARIANA ISLANDS REGION
13	19	49	40.9	51.421	N	177.955	W	33	N	4.5	0.9	51 ANDREANOF ISLANDS, ALEUTIAN IS.
13	19	51	07.9*	37.11	N	139.16	E	33	N	4.0	1.3	4 EASTERN HONSHU, JAPAN
13	20	04	30.3*	34.106	S	70.309	W	10	G		0.2	6 CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
13	20	37	03.6*	36.28	N	140.98	E	33	N		0.4	5 NEAR EAST COAST OF HONSHU, JAPAN
13	20	45	31.4	31.936	N	131.973	E	33		4.4	0.5	14 KYUSHU, JAPAN
13	21	20	25.2	12.805	N	124.875	E	33	N	4.4	0.9	23 SAMAR, PHILIPPINE ISLANDS
13	22	56	55.8*	1.062	N	126.228	E	33	N	4.5	1.4	16 NORTHERN MOLUCCA SEA
13	23	34	40.7*	51.527	N	178.553	W	33	N	4.1	1.2	16 ANDREANOF ISLANDS, ALEUTIAN IS.
13	23	49	10.8*	13.681	S	167.260	E	200	G	4.9	1.3	97 VANUATU ISLANDS
13	23	55	03.6*	31.970	N	141.625	E	33	N	4.3	0.7	17 SOUTH OF HONSHU, JAPAN
14	00	07	01.4*	11.61	N	87.04	W	33	N	4.2	1.3	13 NEAR COAST OF NICARAGUA
14	00	10	01.3*	51.343	N	176.620	W	33	N	4.0	1.4	18 ANDREANOF ISLANDS, ALEUTIAN IS.
14	01	59	30.9*	50.962	N	176.332	W	33	N	3.9	1.1	26 ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.7 (PMR).
14	02	25	37.4*	49.637	N	155.133	E	33	N	3.8	0.8	11 KURIL ISLANDS
14	02	25	47.6*	49.724	S	115.170	W	10	G	4.5	4.6	1.1 31 SOUTHERN EAST PACIFIC RISE
14	02	47	45.6*	14.396	N	92.298	W	33	N	4.1	3.6	1.3 30 NEAR COAST OF CHIAPAS, MEXICO
14	04	16	51.7*	24.077	S	66.996	W	182	*	3.9	1.1	16 SALTA PROVINCE, ARGENTINA
14	05	15	21.7	12.877	N	124.831	E	33	N	4.7	3.9	1.2 50 SAMAR, PHILIPPINE ISLANDS. Felt (II RF) at Palo, Leyte.
14	06	03	45.3*	3.850	S	136.583	E	33	N	4.2	1.3	10 IRIAN JAYA, INDONESIA
14	06	07	43.8	45.183	N	150.279	E	33	N	4.9	4.2	0.9 112 KURIL ISLANDS
14	07	04	04.5*	51.51	N	176.09	W	33	N	3.8	0.9	6 ANDREANOF ISLANDS, ALEUTIAN IS.
14	07	21	19.6	19.649	N	73.684	W	33	N	4.1	0.8	23 HAITI REGION
14	07	22	25.6	3.577	N	122.799	E	500	G	4.7	1.1	41 CELEBES SEA
14	07	28	04.0*	51.44	N	177.62	W	33	N	3.9	1.5	14 ANDREANOF ISLANDS, ALEUTIAN IS.
14	08	18	13.0	51.554	N	178.303	W	34	D	4.7	1.1	110 ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
14	09	17	36.2	44.613	N	150.278	E	55	D	5.4	0.9	284 EAST OF KURIL ISLANDS. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 09:17:34.9; Lat 44.72 N; Lon 149.79 E; Dep 32.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.91, Plg=15, Azm=358; (N) Val=0.13, Plg=2, Azm=268; (P) Val=-7.04, Plg=75, Azm=171; Best double couple: Mo=7.0*10**16 Nm; NPl: Strike=91, Dip=30, Slip=-86; NP2: Strike=267, Dip=60, Slip=-92.

14	09	48	15.7*	12.527	N	125.224	E	33	N	4.3	0.7	14 SAMAR, PHILIPPINE ISLANDS
14	10	04	25.5*	3.564	S	76.958	W	111	D	4.2	1.2	24 NORTHERN PERU
14	10	11	23.0	19.298	N	155.193	W	33	N	4.2	0.9	19 HAWAII
14	10	21	05.6	3.140	N	126.915	E	33	N	4.5	1.1	31 TALAUD ISLANDS, INDONESIA
14	11	10	51.0	51.655	N	16.129	E	10	G		0.7	18 POLAND. ML 3.0 (VIE).
14	11	10	51.9	12.809	N	124.731	E	33	N	4.5	0.7	23 SAMAR, PHILIPPINE ISLANDS
14	11	22	46.3	12.428	N	143.962	E	33	N	4.1	0.9	15 SOUTH OF MARIANA ISLANDS
14	11	40	18.9	51.248	N	176.391	W	33	N	4.4	0.9	66 ANDREANOF ISLANDS, ALEUTIAN IS.
14	12	23	48.2*	12.709	N	125.470	E	33	N	4.2	0.8	13 SAMAR, PHILIPPINE ISLANDS
14	12	57	11.9	44.767	N	8.906	E	21			0.7	23 NORTHERN ITALY. ML 2.7 (LDG), 2.6 (STR), 2.5 (GEN).
14	13	34	03.1	58.727	S	149.068	E	10	G	5.0	1.0	31 WEST OF MACQUARIE ISLAND. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 13:34:08.6; Lat 58.75 S; Lon 148.70 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.65, Plg=2, Azm=209; (N) Val=0.11, Plg=73, Azm=306; (P) Val=-1.76, Plg=17, Azm=118; Best double couple: Mo=1.7*10**17 Nm; NPl: Strike=255, Dip=76, Slip=-169; NP2: Strike=162, Dip=80, Slip=-14.

14	15	00	10.2	12.476	N	125.005	E	36	D	4.6	0.9	35 SAMAR, PHILIPPINE ISLANDS
14	15	04	40.7	12.811	N	125.055	E	29	D	5.6	5.8	1.2 200 SAMAR, PHILIPPINE ISLANDS. Mw 6.1 (GS), 6.1 (HRV). Me 6.3 (GS). Felt (III RF) at Palo, Leyte. Also felt on Luzon.

Broadband Source Parameters (GS): Dep 13; NPl: Strike=118, Dip=68, Slip=-29; NP2: Strike=220, Dip=63, Slip=-155; Radiated energy 5.6*10**13 Nm.

Moment Tensor (GS): Dep 20; Principal axes (scale 10**18 Nm): (T) Val=1.56, Plg=1, Azm=352; (N) Val=0.06, Plg=63, Azm=261; (P) Val=-1.62, Plg=27, Azm=83; Best double couple: Mo=1.6*10**18 Nm; NPl: Strike=124, Dip=71, Slip=-19; NP2:

Strike=221, Dip=72, Slip=-160.
Centroid, Moment Tensor (HRV): Centroid origin time
15:04:41.3; Lat 12.97 N; Lon 124.93 E; Dep 27.4; Half-
duration 2.8 sec; Principal axes (scale 10**18 Nm): (T)
Val=-1.75, Plg=2, Azm=161; (N) Val=-0.30, Plg=32, Azm=252;
(P) Val=-1.46, Plg=58, Azm=68; Best double couple:
Mo=1.6*10**18 Nm; NP1: Strike=222, Dip=51, Slip=-133; NP2:
Strike=98, Dip=55, Slip=-50.

14	15	13	56.7	12.840	N	124.693	E	31	D	4.4	0.7	25	SAMAR, PHILIPPINE ISLANDS	
14	15	20	13.8	12.848	N	124.754	E	27	D	4.5	0.6	28	SAMAR, PHILIPPINE ISLANDS	
14	15	21	24.8	51.217	N	176.499	W	33	N	4.2	1.1	48	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).	
14	15	28	31.9?	15.34	N	92.54	W	100	G	4.1	1.5	15	MEXICO-GUATEMALA BORDER REGION	
14	15	29	12.8?	12.98	N	126.19	E	33	N	4.1	1.2	8	PHILIPPINE ISLANDS REGION	
14	16	07	12.5?	33.885	S	70.906	W	33	N		1.0	8	CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).	
14	16	27	32.1	51.490	N	176.871	W	33	N	4.8	0.9	71	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).	
14	16	38	30.3?	37.640	N	118.916	W	8				26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.5 (GM).	
14	16	43	48.5?	37.640	N	118.911	W	8				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK), 2.8 (GS).	
14	16	55	43.0?	25.83	S	178.81	W	400	G	3.7	1.5	12	SOUTH OF FIJI ISLANDS	
14	18	00	54.3?	37.639	N	118.918	W	8				18	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).	
14	18	39	14.1*	50.972	N	176.408	W	33	N	3.9	1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.	
14	19	37	09.0	45.280	N	7.070	E	10	G		1.4	11	NORTHERN ITALY. ML 2.3 (GEN), 2.0 (LDG).	
14	20	14	48.3*	52.049	N	29.830	W	10	G	3.7	1.5	18	NORTHERN MID-ATLANTIC RIDGE	
14	20	29	30.9*	12.814	N	124.837	E	33	N	4.4	0.9	14	SAMAR, PHILIPPINE ISLANDS	
14	21	31	39.8*	21.572	S	68.155	W	150	G	4.1	1.3	11	CHILE-BOLIVIA BORDER REGION	
14	22	15	50.9	21.870	N	142.855	E	300	G	4.5	1.0	82	MARIANA ISLANDS REGION	
14	22	45	40.6	42.479	N	72.925	E	33	N	5.2	4.6	226	KYRGYZSTAN	
14	22	47	11.8*	21.473	S	68.130	W	150	G	3.2	1.3	8	CHILE-BOLIVIA BORDER REGION	
14	23	12	45.1*	10.521	S	161.587	E	100	G	4.3	1.4	19	SOLOMON ISLANDS	
14	23	24	12.9?	14.84	S	171.86	E	500	G	4.2	1.4	13	VANUATU ISLANDS REGION	
14	23	24	40.1?	33.317	S	71.357	W	33	N		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).	
15	00	10	23.0*	36.206	N	71.058	E	33	N	3.9	0.6	7	AFGHANISTAN-TAJIKISTAN BORD REG.	
15	00	17	55.7*	33.128	N	137.884	E	300	G	3.7	1.1	17	NEAR S. COAST OF HONSHU, JAPAN	
15	01	31	52.2*	34.281	N	138.773	E	216	*	3.6	0.3	9	NEAR S. COAST OF HONSHU, JAPAN	
15	01	38	34.6*	7.438	S	129.946	E	100	G	4.3	1.1	7	BANDA SEA	
15	02	10	02.7	35.151	N	133.361	E	22		4.0	1.0	18	WESTERN HONSHU, JAPAN	
15	02	43	25.6?	14.94	S	173.15	W	33	N	4.6	0.7	10	SAMOA ISLANDS REGION	
15	02	50	05.6	17.333	N	147.454	E	33	N	4.6	1.1	53	MARIANA ISLANDS REGION	
15	03	14	50.2?	3.82	N	122.23	E	500	G	4.0	0.8	11	CELEBES SEA	
15	03	17	30.4?	3.64	N	122.08	E	600	G	4.4	1.0	14	CELEBES SEA	
15	03	50	11.5*	33.862	N	136.315	E	394		3.7	0.8	14	NEAR S. COAST OF WESTERN HONSHU	
15	04	36	07.4	44.661	N	150.001	E	33	N	4.7	4.1	94	EAST OF KURIL ISLANDS	
15	04	54	18.9?	37.640	N	118.920	W	8			1.2	50	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (BRK).	
15	05	06	03.1	10.243	N	121.570	E	33	N	4.6	4.6	1.1	30	PANAY, PHILIPPINE ISLANDS
15	05	07	30.6*	44.019	N	148.125	E	33	N	4.2	1.3	31	KURIL ISLANDS	
15	05	58	41.4?	15.27	S	74.47	W	100	G	3.5	1.3	7	NEAR COAST OF PERU	
15	06	51	56.5?	51.31	N	176.80	W	33	N	3.7	1.5	8	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	07	42	42.1*	51.220	N	175.952	W	33	N	3.6	0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	08	24	02.9*	21.659	N	93.378	E	34	D	4.1	0.9	20	MYANMAR	
15	08	48	17.9	47.745	N	128.622	W	10	G	3.3	0.8	20	OFF COAST OF WASHINGTON	
15	08	54	56.5*	55.431	N	35.243	W	10	G	3.7	0.7	9	NORTH ATLANTIC OCEAN	
15	10	02	41.3	16.461	S	41.638	E	10	G	5.0	4.6	1.1	97	MOZAMBIQUE CHANNEL
15	10	21	53.4	33.445	N	141.255	E	33	N	4.3	0.7	12	OFF EAST COAST OF HONSHU, JAPAN	
15	11	42	41.9*	52.047	N	30.265	W	10	G	3.7	0.9	8	NORTHERN MID-ATLANTIC RIDGE	
15	11	45	23.9	51.617	N	16.084	E	10	G		1.4	10	POLAND. ML 2.6 (MOX).	
15	11	51	25.6	51.293	N	176.349	W	33	N	4.6	1.2	86	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR).	
15	12	01	38.9?	2.74	S	139.26	E	33	N	4.4	1.3	9	NEAR NORTH COAST OF IRIAN JAYA	
15	12	23	05.3	51.271	N	176.285	W	33	N	4.7	1.0	100	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).	
15	12	32	05.7?	2.68	S	81.11	W	50	G	4.0	1.4	13	NEAR COAST OF ECUADOR	
15	12	34	27.5*	2.488	S	127.132	E	33	N	4.4	1.3	18	CERAM SEA	
15	12	42	52.4?	50.69	N	178.87	W	33	N	3.9	0.9	7	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	13	41	04.0*	12.828	N	124.861	E	33	N	4.7	1.2	21	SAMAR, PHILIPPINE ISLANDS	
15	13	43	28.2?	44.82	N	146.31	E	33	N	3.5	1.4	8	KURIL ISLANDS	
15	13	57	05.8?	51.22	N	176.01	W	33	N	3.7	0.9	6	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	14	06	03.6*	10.184	N	121.700	E	33	N	3.9	1.3	15	PANAY, PHILIPPINE ISLANDS	
15	14	16	43.4	12.900	N	124.846	E	50	G	4.5	1.2	40	SAMAR, PHILIPPINE ISLANDS	
15	14	17	51.5?	50.82	N	177.12	W	33	N	3.7	1.4	12	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	14	21	27.4?	45.496	N	22.869	E	10	G		0.7	5	ROMANIA	
15	14	28	18.9?	37.28	N	72.46	E	150	G	3.7	0.6	9	TAJIKISTAN	
15	14	44	49.7	51.372	N	177.394	W	33	N	4.2	1.0	43	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	14	52	56.9*	51.325	N	176.035	W	33	N	3.8	1.5	16	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	15	28	08.3	51.245	N	176.278	W	33	N	4.2	1.0	55	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).	
15	16	09	35.6	47.681	N	7.469	E	10	G		0.3	12	SWITZERLAND. ML 2.7 (LDG), 2.5 (GRF), 2.5 (STR).	
15	16	33	50.7?	62.720	N	148.954	W	62				46	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).	
15	17	15	40.9*	51.163	N	176.492	W	33	N	3.9	1.2	21	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	17	17	25.6?	58.293	N	151.299	W	10				27	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).	
15	17	41	42.3?	25.89	S	178.78	E	600	G	4.4	1.2	22	SOUTH OF FIJI ISLANDS	
15	17	52	37.4*	32.600	N	142.508	E	33	N	4.0	1.1	10	SOUTH OF HONSHU, JAPAN	
15	17	53	38.6*	7.374	S	155.333	E	50	G	4.0	1.1	13	SOLOMON ISLANDS	
15	18	03	48.2	52.769	N	159.853	E	33	N	3.8	1.0	16	OFF EAST COAST OF KAMCHATKA	
15	18	08	45.0*	32.568	N	142.538	E	33	N	3.8	1.1	10	SOUTH OF HONSHU, JAPAN	
15	18	24	50.1?	63.533	N	150.924	W	8				45	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).	
15	19	31	35.5*	51.274	N	176.325	W	33	N	3.8	1.5	12	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	19	49	22.4	51.651	N	16.258	E	10	G		0.8	11	POLAND	
15	21	27	42.7?	34.07	N	139.61	E	33	N		0.2	5	NEAR S. COAST OF HONSHU, JAPAN	
15	21	40	11.1	47.261	N	9.965	E	23		3.6	1.3	99	GERMANY. ML 3.9 (GRF), 3.9 (VIE), 3.8 (STR), 3.7 (MOX), 3.6 (LDG), 3.5 (CLL). MD 3.7 (ROM). Felt (V) at Lech, Austria.	
15	21	47	04.5?	11.97	N	43.89	E	10	G	3.7	1.1	8	ETHIOPIA	
15	22	36	10.0	51.267	N	176.793	W	33	N	4.1	1.0	25	ANDREANOF ISLANDS, ALEUTIAN IS.	
15	22	50	10.5	42.990	N	143.942	E	100	G	4.3	1.0	48	HOKKAIDO, JAPAN REGION	
15	23	12	33.3*	34.742	N	25.474	E	10	G	3.8	1.6	30	CRETE	
15	23	22	43.9?	12.21	N	43.90	E	10	G	3.7	0.8	7	WESTERN ARABIAN PENINSULA	

16	00	06	17.7	60.275 S	26.288 W	33 N	5.2	1.0	61	SOUTH SANDWICH ISLANDS REGION	
16	00	16	27.1*	5.240 S	145.094 E	63 *	4.1	1.4	7	EASTERN NEW GUINEA REG., P.N.G.	
16	00	43	32.0*	38.718 N	72.368 E	33 N	3.7	1.0	10	TAJIKISTAN	
16	00	56	44.6*	36.481 S	178.922 E	33 N	4.8	5.3	1.3	37	OFF E. COAST OF N. ISLAND, N.Z.
16	02	18	05.9*	3.062 N	128.544 E	100 G	4.1	1.2	16	NORTH OF HALMAHERA, INDONESIA	
16	02	35	08.0*	63.090 N	149.558 W	89	2.5		81	CENTRAL ALASKA. <AEIC>.	
16	02	43	03.3*	22.15 S	67.43 W	150 G	4.3	1.1	9	CHILE-BOLIVIA BORDER REGION	
16	02	46	00.1*	12.075 N	43.889 E	10 G	4.4	4.3	1.0	40	WESTERN ARABIAN PENINSULA
16	03	18	00.5*	35.82 N	140.64 E	33 N		0.7	6	NEAR EAST COAST OF HONSHU, JAPAN	
16	04	12	40.2*	2.959 S	129.944 E	33 N	4.3	1.4	15	SERAM, INDONESIA	
16	04	57	23.6*	12.03 N	43.79 E	10 G	4.2	1.4	15	WESTERN ARABIAN PENINSULA	
16	05	14	03.5*	12.908 N	125.103 E	33 N	4.4	1.1	21	SAMAR, PHILIPPINE ISLANDS	
16	06	41	24.9*	10.56 N	61.70 W	10 G		0.6	4	TRINIDAD. MD 3.1 (TRN).	
16	06	48	19.5*	36.593 N	69.896 E	200 G	3.4	1.1	8	HINDU KUSH REGION, AFGHANISTAN	
16	06	50	36.5*	35.522 N	139.990 E	69 *	3.8	1.3	18	NEAR S. COAST OF HONSHU, JAPAN	
16	07	04	58.0*	12.843 N	124.968 E	33 N	4.1	1.5	20	SAMAR, PHILIPPINE ISLANDS	
16	07	37	52.9*	12.828 S	166.136 E	100 G	3.9	1.3	14	SANTA CRUZ ISLANDS	
16	07	42	11.9*	55.363 S	28.096 W	33 N	4.7	1.1	31	SOUTH SANDWICH ISLANDS REGION	
16	08	27	16.6*	0.88 S	138.88 E	33 N	3.7	1.2	8	IRIAN JAYA REGION, INDONESIA	
16	08	51	31.3	8.189 S	74.240 W	150 G	4.2	0.7	36	PERU-BRAZIL BORDER REGION	
16	08	56	16.3*	38.245 N	22.113 E	10 G	4.1	1.0	21	GREECE	
16	09	13	34.9*	5.689 S	103.817 E	33 N	4.1	1.0	13	SOUTHERN SUMATRA, INDONESIA	
16	09	32	01.1	0.519 N	119.709 E	33 N	4.4	1.1	36	MINAHASSA PENINSULA, SULAWESI	
16	10	34	48.1*	51.74 N	178.05 W	33 N	3.8	1.5	9	ANDREANOF ISLANDS, ALEUTIAN IS.	
16	10	35	54.8*	60.370 N	147.255 W	14	2.7		63	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).	
16	11	01	20.4*	5.366 S	145.011 E	33 N	3.4	0.7	5	EASTERN NEW GUINEA REG., P.N.G.	
16	11	28	14.2*	18.827 S	69.776 W	110 D	3.8	1.4	11	NORTHERN CHILE	
16	12	00	50.1*	12.622 N	125.313 E	33 N	4.5	1.3	30	SAMAR, PHILIPPINE ISLANDS	
16	12	02	21.2*	16.417 N	120.395 E	33 N	3.9	0.7	12	LUZON, PHILIPPINE ISLANDS	
16	12	11	50.5*	51.472 N	178.223 W	33 N	3.9	0.9	23	ANDREANOF ISLANDS, ALEUTIAN IS.	
16	12	46	52.4	51.315 N	176.311 W	33 N	4.2	1.0	45	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).	
16	12	59	35.9	45.223 N	148.526 E	33 N	5.1	0.9	160	KURIL ISLANDS	
16	13	24	31.0*	63.252 N	151.479 W	9			72	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).	
16	14	21	56.1*	51.26 N	176.30 W	33 N	3.7	1.0	6	ANDREANOF ISLANDS, ALEUTIAN IS.	
16	15	00	35.9	24.218 S	67.045 W	150 G	4.4	0.9	22	CHILE-ARGENTINA BORDER REGION	
16	15	01	30.5	51.388 N	176.826 W	33 N	4.9	4.3	1.0	123	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.0 (HRV). ML 4.9 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 15:01:29.2; Lat 51.01 N; Lon 176.61 W; Dep 41.2; Half- duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.58, Plg=57, Azm=90; (N) Val=0.57, Plg=10, Azm=196; (P) Val=-4.15, Plg=31, Azm=292; Best double couple: Mo=3.9*10**16 Nm; NP1: Strike=51, Dip=17, Slip=127; NP2: Strike=193, Dip=77, Slip=80.
16	15	35	09.8*	33.299 N	132.167 E	33 N		0.7	5	SHIKOKU, JAPAN	
16	15	43	44.8*	62.956 N	150.621 W	98	2.5		78	CENTRAL ALASKA. <AEIC>.	
16	16	27	52.9*	8.873 N	126.405 E	100 G	4.4	1.4	31	MINDANAO, PHILIPPINE ISLANDS	
16	16	37	53.5*	50.90 N	177.32 W	33 N	3.7	1.0	9	ANDREANOF ISLANDS, ALEUTIAN IS.	
16	17	19	38.0*	53.18 N	170.27 E	33 N	3.7	1.4	13	NEAR ISLANDS, ALEUTIAN ISLANDS	
16	17	32	06.3*	6.11 S	130.57 E	33 N	3.9	1.4	9	BANDA SEA	
16	17	35	18.6	43.847 N	7.740 E	10 G		0.2	9	NEAR SOUTH COAST OF FRANCE. ML 2.2 (GEN), 2.0 (LDG).	
16	17	40	46.8*	32.616 S	71.551 W	25		0.5	12	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (III) at Caleta Horcon, La Ligua, Maitencillo, Papudo, Petorca, Quintero, Valparaiso, Ventanas, Vina del Mar and Zapallar.	
16	18	39	25.2*	32.619 S	71.564 W	10 G		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
16	19	16	12.6	12.812 N	124.713 E	33 N	4.5	0.9	33	SAMAR, PHILIPPINE ISLANDS	
16	19	31	17.0	51.521 N	178.446 W	30 D	5.3	0.9	283	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.3 (HRV). ML 5.4 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 19:31:20.5; Lat 51.51 N; Lon 178.20 W; Dep 45.6; Half- duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.87, Plg=68, Azm=309; (N) Val=0.16, Plg=6, Azm=55; (P) Val=-1.03, Plg=21, Azm=147; Best double couple: Mo=9.5*10**16 Nm; NP1: Strike=248, Dip=25, Slip=105; NP2: Strike=52, Dip=66, Slip=83.	
16	19	39	17.4	42.343 N	72.866 E	33 N	4.3	0.8	28	KYRGYZSTAN	
16	21	15	56.9*	51.001 N	177.171 W	33 N	3.8	1.2	16	ANDREANOF ISLANDS, ALEUTIAN IS.	
16	21	53	52.4*	32.642 S	71.563 W	10 G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
16	22	19	43.1*	21.20 S	179.44 W	600 G	4.3	1.1	16	FIJI ISLANDS REGION	
17	00	09	14.0*	50.022 N	177.555 W	33 N	3.8	0.8	13	ANDREANOF ISLANDS, ALEUTIAN IS.	
17	00	15	52.2*	60.111 N	153.323 W	148	3.6		109	SOUTHERN ALASKA. <AEIC>.	
17	00	22	24.7*	52.330 N	178.311 E	170	3.9	0.8	15	RAT ISLANDS, ALEUTIAN ISLANDS	
17	01	19	53.8*	51.492 N	178.823 W	10 G	3.7	0.9	16	ANDREANOF ISLANDS, ALEUTIAN IS.	
17	01	57	21.7*	10.622 S	166.055 E	200 G	4.4	1.2	28	SANTA CRUZ ISLANDS	
17	02	27	31.0	17.694 S	178.767 W	570 D	4.6	1.0	84	FIJI ISLANDS REGION	
17	03	18	47.1*	34.88 S	71.09 W	100 G		0.1	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).	
17	03	21	11.2*	5.84 S	151.58 E	50 G	4.1	1.2	9	NEW BRITAIN REGION, P.N.G.	
17	04	14	33.8	5.157 N	82.750 W	10 G	4.8	4.4	1.3	114	SOUTH OF PANAMA
17	04	15	55.5	5.195 N	82.366 W	10 G	4.6	1.0	46	SOUTH OF PANAMA	
17	04	37	22.1*	17.505 S	178.499 W	600 G	4.7	0.7	18	FIJI ISLANDS REGION	
17	06	02	22.9*	37.532 N	118.827 W	1			21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).	
17	07	03	23.4*	59.852 N	153.586 W	140	4.2		132	SOUTHERN ALASKA. <AEIC>. Felt at Anchorage, Eagle River and Kenai.	
17	07	28	58.6*	7.40 N	94.70 E	33 N	3.8	1.0	8	NICOBAR ISLANDS, INDIA	
17	07	50	23.3*	18.52 S	177.82 W	550 G	4.5	1.2	23	FIJI ISLANDS REGION	
17	08	19	54.2	38.363 N	26.770 W	10 G	4.3	1.0	36	AZORES ISLANDS. Felt (IV) at Angra do Heroismo and in southeastern Terceira; (III) in western Terceira; (II) in western Sao Miguel.	
17	08	51	35.9*	7.075 N	72.920 W	100 G	3.6	1.2	14	NORTHERN COLOMBIA	
17	09	56	15.8*	37.153 N	4.164 W	10 G		0.9	5	SPAIN. mbLg 2.4 (MDD).	
17	11	08	22.3*	51.76 N	176.47 E	33 N	3.6	0.5	6	RAT ISLANDS, ALEUTIAN ISLANDS	
17	11	22	18.5	7.137 S	122.589 E	587 D	6.6	1.2	476	FLORES SEA. Mw 7.9 (HRV), 7.7 (GS). Me 7.9 (GS). Some damage at Kupang, Indonesia. Felt at Lantutuka and Maumere, Indonesia. Also felt in the Kota Kinabalu area, Malaysia. Broadband Source Parameters (GS): NP1: Strike=255, Dip=55,	

18	19	03	14.8*	51.474	N	177.783	W	33	N	4.1	1.0	25	ANDREANOF ISLANDS, ALEUTIAN IS.
18	19	17	23.0	30.693	N	50.699	E	33	N	4.0	0.9	22	NORTHERN IRAN
18	19	55	55.6	27.945	N	139.962	E	453		4.0	1.0	32	BONIN ISLANDS REGION
18	20	04	32.0*	51.533	N	15.959	E	10	G		0.8	13	POLAND. ML 3.5 (GRF), 2.9 (MOX).
18	20	35	43.6*	34.306	S	70.863	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.5 (SAN).
18	21	39	10.3*	59.575	N	139.016	W	4				16	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC).
18	22	01	24.1*	40.396	N	125.353	W	5				37	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.4 (BRK).
18	22	02	07.4*	37.046	N	4.013	W	10	G		1.1	7	SPAIN. mbLg 2.6 (MDD).
18	23	22	14.8*	44.513	N	149.352	E	33	N	3.7	1.0	14	KURIL ISLANDS
18	23	44	11.3*	36.139	N	35.857	E	10	G	4.0	1.0	22	TURKEY. ML 4.4 (JER). Felt at Antakya.
18	23	46	08.8*	33.756	S	70.332	W	33	N		0.8	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
18	23	51	48.4	36.318	N	141.105	E	49	*	4.2	1.0	33	NEAR EAST COAST OF HONSHU, JAPAN
19	00	01	28.7*	7.223	S	123.197	E	600	G	4.4	1.1	21	BANDA SEA
19	00	18	02.1	36.107	N	35.913	E	10	G	4.4	1.0	79	TURKEY. ML 4.7 (JER). Felt at Antakya.
19	01	14	36.8*	38.930	N	122.632	W	3				34	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).
19	01	16	17.0	5.788	N	126.271	E	100	G	4.7	0.8	37	MINDANAO, PHILIPPINE ISLANDS
19	01	47	35.2*	41.884	N	142.315	E	91	?	3.7	0.6	10	HOKKAIDO, JAPAN REGION
19	03	08	45.0	44.535	N	9.058	E	10	G		0.8	15	NORTHERN ITALY. ML 2.6 (LDG).
19	03	20	23.5	4.945	N	82.478	W	10	G	4.9 4.5	0.9	116	SOUTH OF PANAMA. Mw 5.4 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 03:20:28.6; Lat 4.92 N; Lon 82.50 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.28, Plg=11, Azm=138; (N) Val=0.11, Plg=70, Azm=16; (P) Val=-1.39, Plg=17, Azm=231; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=274, Dip=70, Slip=-4; NP2: Strike=5, Dip=86, Slip=-160.													
19	03	36	41.1?	36.49	N	2.87	W	10	G		1.5	8	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
19	03	37	32.7*	64.774	N	148.330	W	0				32	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR). Felt in the Chena Ridge area.
19	04	36	16.6*	58.245	N	142.803	W	10	G		0.9	25	GULF OF ALASKA. ML 3.1 (AEIC).
19	05	09	25.9?	12.25	N	125.37	E	33	N	4.0	1.2	7	SAMAR, PHILIPPINE ISLANDS
19	05	30	41.2*	51.585	N	16.267	E	10	G		1.3	10	POLAND. ML 2.6 (MOX).
19	06	35	37.5?	45.64	N	147.21	E	33	N	4.0	1.3	9	KURIL ISLANDS
19	06	44	41.7*	7.391	S	123.153	E	600	G	4.4	0.8	22	BANDA SEA
19	07	07	59.8*	39.120	N	45.944	E	33	N	3.9 3.4	1.0	16	ARMENIA-AZERBAIJAN-IRAN BORD REG. Felt at Jolfa, Iran.
19	07	33	51.6*	3.493	S	150.712	E	33	N	4.3	1.5	15	NEW IRELAND REGION, P.N.G.
19	08	02	06.4*	5.567	S	140.960	E	33	N	3.8	0.7	5	IRIAN JAYA, INDONESIA
19	08	33	14.8	51.421	N	177.812	W	33	N	4.5	1.1	59	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
19	09	23	38.5	51.413	N	177.885	W	33	N	4.2	1.1	41	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
19	09	40	48.2*	53.463	N	165.958	W	33	N	3.6	1.6	13	FOX ISLANDS, ALEUTIAN ISLANDS
19	09	47	44.5*	22.960	S	169.093	E	33	N	4.7 4.3	1.5	57	LOYALTY ISLANDS REGION
19	10	14	49.9	43.527	N	146.819	E	33	N	4.2	1.0	31	KURIL ISLANDS
19	10	27	09.2*	10.171	N	121.463	E	33	N	4.3	1.4	25	PANAY, PHILIPPINE ISLANDS
19	10	58	04.7?	17.73	S	178.49	W	600	G	3.9	1.1	12	FIJI ISLANDS REGION
19	12	07	05.8*	8.264	S	114.666	E	33	N	4.6	1.4	26	BALI REGION, INDONESIA
19	12	13	06.5*	37.652	N	118.861	W	7				50	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK), 3.4 (GS).
19	12	25	20.3*	37.651	N	118.856	W	5				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
19	12	52	18.1*	44.435	N	7.528	E	10	G		0.3	6	NORTHERN ITALY. ML 1.9 (LDG).
19	12	53	14.1*	37.650	N	118.863	W	7				24	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
19	13	03	03.2	43.366	N	147.783	E	33	N	5.1 5.6	1.1	189	KURIL ISLANDS. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 13:03:04.7; Lat 42.89 N; Lon 148.29 E; Dep 30.8; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.51, Plg=42, Azm=10; (N) Val=-0.04, Plg=31, Azm=247; (P) Val=-2.47, Plg=32, Azm=135; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=170, Dip=31, Slip=11; NP2: Strike=70, Dip=84, Slip=121.													
19	13	17	41.8*	43.358	N	147.709	E	33	N	4.0	1.3	10	KURIL ISLANDS
19	14	20	39.2	51.216	N	178.279	W	33	N	4.4	0.8	56	ANDREANOF ISLANDS, ALEUTIAN IS.
19	14	25	12.2*	37.650	N	118.860	W	6				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
19	14	30	34.4*	51.313	N	176.815	W	33	N	4.1	1.4	22	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
19	14	47	29.0*	33.646	S	70.476	W	10	G		0.7	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
19	15	29	14.6	51.555	N	177.720	W	33	N	4.8	1.0	112	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
19	16	31	57.6?	14.76	N	97.81	W	33	N		1.3	12	OFF COAST OF OAXACA, MEXICO
19	16	35	06.6	26.783	N	126.449	E	135		4.6	1.0	43	RYUKYU ISLANDS
19	16	50	00.4*	60.605	N	149.130	W	13				72	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
19	17	02	45.6*	61.688	N	151.823	W	100		3.6		112	SOUTHERN ALASKA. <AEIC>.
19	17	20	39.9*	42.078	N	14.926	E	10	G		1.0	12	CENTRAL ITALY. ML 3.6 (LDG).
19	17	38	31.5?	30.67	S	117.14	E	10	G		0.1	4	WESTERN AUSTRALIA
19	17	40	16.9*	13.027	N	145.421	E	51	*	4.2	1.0	32	MARIANA ISLANDS
19	18	04	05.3	44.576	N	10.860	E	10	G		1.3	21	NORTHERN ITALY. ML 3.3 (VIE), 3.0 (LDG).
19	18	18	13.6	13.064	N	145.469	E	54	*	4.4	1.0	38	MARIANA ISLANDS
19	18	18	52.5*	6.569	S	153.932	E	33	N	4.1	1.3	13	NEW BRITAIN REGION, P.N.G.
19	19	17	31.8*	61.087	N	152.256	W	138		3.3		93	SOUTHERN ALASKA. <AEIC>.
19	21	01	47.8*	0.888	S	120.205	E	33	N	4.3	1.4	17	MINAHASSA PENINSULA, SULAWESI
19	21	22	30.1*	37.925	N	22.045	E	33	N	3.9	1.5	15	SOUTHERN GREECE
19	21	43	25.2*	60.588	N	151.062	W	43				65	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
19	21	49	06.1*	19.322	N	145.414	E	182	*	4.2	1.2	32	MARIANA ISLANDS
19	21	50	03.0*	47.768	N	121.875	W	4				7	WASHINGTON. <SEA-P>. MD 2.9 (SEA). Felt.
19	22	41	03.2*	36.554	N	55.146	E	33	N	3.8	1.4	16	NORTHERN IRAN. Felt at Shirvan.
19	23	44	24.5*	8.312	S	111.272	E	100	G	4.5	1.4	24	JAWA, INDONESIA
20	00	57	28.4*	61.272	N	151.291	W	67				49	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
20	01	07	50.2*	36.625	N	2.830	W	10	G		1.5	45	STRAIT OF GIBRALTAR. mbLg 3.9 (MDD). Felt (IV) in the Adra area, Spain.
20	01	13	53.1*	33.684	N	137.115	E	359		3.3	0.9	12	NEAR S. COAST OF HONSHU, JAPAN
20	01	26	13.5?	18.75	S	178.23	W	600	G	4.5	0.6	11	FIJI ISLANDS REGION
20	01	39	48.2*	45.628	S	14.670	W	10	G	4.3	1.3	12	SOUTHERN MID-ATLANTIC RIDGE
20	02	26	56.4*	40.996	N	124.939	W	3		4.2 4.0		124	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mw 4.4 (BRK). MD 4.4 (GM). ML 4.3 (BRK). Felt (III) at Arcata, Eureka, Orick and

Trinidad.
 Scalar Moment (BRK): Mo=4.5*10**15 Nm.

20	02	53	32.4*	15.206	S	166.069	E	33	N	4.1	1.0	13	VANUATU ISLANDS	
20	03	04	38.5*	39.017	N	142.699	E	33	N	3.9	1.3	18	NEAR EAST COAST OF HONSHU, JAPAN	
20	03	31	04.9*	9.049	S	119.164	E	33	N	4.3	1.2	21	SUMBA REGION, INDONESIA	
20	05	15	18.96	40.873	N	124.835	W					6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).	
20	05	19	33.2?	6.23	S	127.80	E	400	G	3.9	1.4	9	BANDA SEA	
20	06	02	09.8*	14.536	S	73.581	W	100	G	4.5	1.4	22	CENTRAL PERU	
20	06	40	58.2?	67.93	N	161.11	W	10	G	3.1	0.8	7	NORTHERN ALASKA	
20	06	59	21.0*	32.614	N	132.287	E	33	N		1.0	5	SHIKOKU, JAPAN	
20	08	06	05.9	13.056	N	145.646	E	33	N	4.2	1.1	25	MARIANA ISLANDS	
20	08	42	12.1	30.944	N	132.043	E	33	N	3.9	0.7	11	SOUTHEAST OF SHIKOKU, JAPAN	
20	09	13	53.1?	51.06	N	177.25	W	33	N	3.7	0.9	7	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).	
20	09	16	37.46	37.649	N	118.861	W				1.0	10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).	
20	09	26	53.6*	36.928	N	4.187	W	33	N		1.5	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).	
20	10	13	39.76	65.229	N	148.500	W	12		3.1		23	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).	
20	10	37	23.7?	4.04	S	154.38	E	41	D	4.3	1.0	15	SOLOMON ISLANDS	
20	10	38	47.4*	34.245	S	70.596	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).	
20	10	46	23.2*	33.897	N	132.335	E	10	G		0.9	5	SHIKOKU, JAPAN	
20	10	48	46.3*	51.204	N	176.842	W	33	N	4.2	1.3	34	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).	
20	11	22	10.2	22.229	S	179.687	W	600	G	4.6	0.8	37	SOUTH OF FIJI ISLANDS	
20	11	28	08.1*	43.336	N	146.996	E	33	N	4.1	1.0	23	KURIL ISLANDS	
20	11	52	21.7	5.852	S	145.638	E	114		4.3	1.0	25	EASTERN NEW GUINEA REG., P.N.G.	
20	12	23	31.1?	30.72	S	117.11	E	10	G		0.8	4	WESTERN AUSTRALIA	
20	12	36	52.9*	5.380	S	152.321	E	33	N	4.1	0.8	13	NEW BRITAIN REGION, P.N.G.	
20	12	37	37.7?	14.31	N	93.41	W	33	N	4.2	1.1	21	NEAR COAST OF CHIAPAS, MEXICO	
20	13	13	25.0	21.217	N	144.391	E	150	G	4.3	1.1	62	MARIANA ISLANDS REGION	
20	13	54	17.1	6.958	S	125.443	E	500	G	4.7	1.1	41	BANDA SEA	
20	14	41	23.4*	51.204	N	176.410	W	33	N	4.2	1.2	26	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.0 (PMR).	
20	14	47	52.2*	51.167	N	176.384	W	33	N	3.9	0.9	11	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.8 (PMR).	
20	14	50	44.9	43.180	N	0.189	E	10	G		1.5	22	FRANCE. ML 3.3 (LDG), 2.8 (STR). mbLg 3.3 (MDD). Felt (I) in the Bagneres area.	
20	17	04	40.9?	18.12	S	168.17	E	175	D	4.3	1.2	25	VANUATU ISLANDS	
20	17	26	18.6?	6.31	N	126.38	E	100	G	3.8	0.8	10	MINDANAO, PHILIPPINE ISLANDS	
20	18	24	32.9	43.948	N	8.563	E	10	G		1.1	28	CORSICA. ML 2.7 (GEN), 2.7 (STR), 2.6 (LDG).	
20	18	24	46.9?	1.28	N	27.03	W	10	G	3.8	1.3	8	CENTRAL MID-ATLANTIC RIDGE	
20	18	33	22.0*	36.999	N	4.133	W	10	G		0.7	12	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).	
20	19	03	06.8?	49.71	S	125.57	E	10	G	3.9	1.4	13	SOUTH OF AUSTRALIA	
20	19	44	44.6?	40.18	N	142.59	E	33	N	4.1	0.5	6	NEAR EAST COAST OF HONSHU, JAPAN	
20	19	47	04.7*	37.029	N	4.129	W				1.0	18	SPAIN. mbLg 3.1 (MDD).	
20	20	14	14.5?	51.50	N	178.69	W	33	N	4.0	1.5	7	ANDREANOF ISLANDS, ALEUTIAN IS.	
20	20	17	34.9?	7.74	S	107.68	E	33	N	3.8	1.4	12	JAWA, INDONESIA	
20	20	37	44.1*	18.498	S	168.833	E	33	N	4.9	4.7	1.4	54	VANUATU ISLANDS
20	20	40	27.8*	2.443	N	128.778	E	182		4.3	1.4	12	HALMAHERA, INDONESIA	
20	20	41	36.3?	1.25	N	26.58	W	10	G	4.2	1.1	11	CENTRAL MID-ATLANTIC RIDGE	
20	20	51	52.4	27.772	N	130.124	E	33	N	3.9	0.5	11	RYUKYU ISLANDS	
20	21	00	29.3	27.800	N	130.109	E	33	N	4.1	0.6	20	RYUKYU ISLANDS	
20	21	19	57.2*	36.981	N	4.201	W	33	N		1.4	6	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).	
20	21	38	48.5	27.831	N	130.061	E	34	D	3.9	1.0	17	RYUKYU ISLANDS	
20	21	57	58.5*	36.600	N	121.206	W					61	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.3 (BRK).	
20	22	29	11.5?	30.12	S	178.34	W	277	D	4.2	1.0	15	KERMADEC ISLANDS, NEW ZEALAND	
20	22	37	12.3?	17.86	S	168.83	E	33	N	4.3	1.0	18	VANUATU ISLANDS	
20	22	55	32.5?	17.83	S	169.71	E	33	N	4.1	1.1	12	VANUATU ISLANDS	
21	00	32	52.4	28.612	N	68.999	E	33	N	4.8	4.8	1.0	67	PAKISTAN. Mw 5.1 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time														
00:32:50.2; Lat 28.61 N Fix; Lon 69.00 E Fix; Dep 33.0 Fix;														
Half-duration 1.0 sec; Principal axes (scale 10**16 Nm):														
(T) Val=-5.33, Plg=17, Azm=265; (N) Val=0.72, Plg=62,														
Azm=30; (P) Val=-6.05, Plg=22, Azm=168; Best double couple:														
Mo=5.7*10**16 Nm; NP1: Strike=308, Dip=62, Slip=-176; NP2:														
Strike=216, Dip=87, Slip=-28.														
21	00	58	51.7?	34.60	S	70.40	W	10	G		0.1	4	CHILE-ARGENTINA BORDER REGION	
21	01	03	53.8*	25.053	N	125.829	E	33	N	3.9	0.8	11	SOUTHWESTERN RYUKYU ISLANDS	
21	01	09	16.9*	50.944	N	176.461	W	33	N	4.1	0.8	7	ANDREANOF ISLANDS, ALEUTIAN IS.	
21	01	12	20.1*	63.285	N	151.148	W					41	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).	
21	02	16	58.5*	33.180	N	115.598	W					34	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). MD 3.1 (GS).	
21	02	34	29.6?	18.16	S	168.57	E	33	N	4.4	1.1	7	VANUATU ISLANDS	
21	02	54	24.7?	40.80	N	7.21	E	10	G		1.0	8	WESTERN MEDITERRANEAN SEA. ML 3.0 (LDG).	
21	03	02	42.9	40.157	N	51.681	E	71	*	3.9	0.8	18	CASPIAN SEA	
21	03	50	53.9	41.820	S	84.683	E	10	G	5.1	1.1	61	SOUTHEAST INDIAN RIDGE. Mw 5.3 (HRV).	
Centroid, Moment Tensor (HRV): Centroid origin time														
03:51:01.4; Lat 41.52 S; Lon 84.80 E; Dep 15.0 Bdy; Half-														
duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)														
Val=0.89, Plg=75, Azm=69; (N) Val=0.17, Plg=10, Azm=201;														
(P) Val=-1.06, Plg=11, Azm=293; Best double couple:														
Mo=9.7*10**16 Nm; NP1: Strike=36, Dip=35, Slip=108; NP2:														
Strike=194, Dip=57, Slip=78.														
21	04	30	38.4*	63.009	N	151.053	W	114				68	CENTRAL ALASKA. <AEIC>.	
21	04	44	26.4	38.661	N	119.674	W	5	G		0.7	37	CALIFORNIA-NEVADA BORDER REGION. MD 3.1 (GM). ML 3.1 (BRK), 3.0 (GS).	
21	05	20	09.9*	18.421	N	67.308	W	33	N		1.1	6	MONA PASSAGE. MD 3.4 (MPR).	
21	05	52	49.7*	36.998	N	4.162	W	10	G		0.3	6	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).	
21	06	00	51.3?	35.97	N	140.85	E	33	N		0.7	4	NEAR EAST COAST OF HONSHU, JAPAN	
21	06	21	33.6	51.661	N	16.319	E	10	G		1.2	10	POLAND. ML 2.6 (MOX), 2.4 (CLL).	
21	06	35	19.9*	1.451	S	23.749	W	10	G	3.8	1.1	10	CENTRAL MID-ATLANTIC RIDGE	
21	07	26	00.2*	44.304	N	7.658	E	10	G		0.2	5	NORTHERN ITALY. ML 1.9 (LDG).	
21	07	28	01.8*	5.372	S	128.728	E	242		3.8	0.8	11	BANDA SEA	
21	09	09	53.4*	18.252	N	66.529	W	10	G		0.5	5	PUERTO RICO REGION	
21	09	35	42.1	51.198	N	177.735	W	33	N	4.2	1.0	44	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).	
21	10	16	50.9*	42.281	S	15.704	W	10	G	4.3	1.2	19	TRISTAN DA CUNHA REGION	
21	10	46	22.5	43.128	N	0.621	W	10	G		1.4	21	PYRENEES. mbLg 3.5 (MDD). ML 2.9 (LDG).	
21	13	21	57.7?	17.93	S	169.69	E	33	N	4.1	0.8	9	VANUATU ISLANDS	
21	13	22	35.4	36.176	N	141.930	E	33	N	4.2	1.0	45	NEAR EAST COAST OF HONSHU,	

21	13	34	51.6%	36.212	N	4.448	W	113	?	0.6	15	STRAIT OF GIBRALTAR		
21	13	57	10.0	51.568	N	159.119	E	20	G	6.0	6.6	1.1	350	OFF EAST COAST OF KAMCHATKA. Mw 7.0 (OBN), 6.8 (HRV), 6.7 (GS). Me 6.5 (GS). Ms 6.5 (BRK). Felt (IV) at Petropavlovsk-Kamchatskiy. Felt (II) at Severo-Kurilsk, Paramushir. Broadband Source Parameters (GS): Dep 17; NP1: Strike=157, Dip=35, Slip=36; NP2: Strike=36, Dip=70, Slip=120; Radiated energy 1.1*10**14 Nm. Complex earthquake, with a small event followed by a larger one about 2 seconds later. Depth based on second event. Moment Tensor (GS): Dep 16; Principal axes (scale 10**19 Nm): (T) Val=1.11, Plg=70, Azm=278; (N) Val=0.00, Plg=5, Azm=23; (P) Val=-1.11, Plg=19, Azm=115; Best double couple: Mo=1.1*10**19 Nm; NP1: Strike=214, Dip=26, Slip=102; NP2: Strike=20, Dip=65, Slip=84. Centroid, Moment Tensor (HRV): Centroid origin time 13:57:18.2; Lat 51.49 N; Lon 159.72 E; Dep 23.6; Half-duration 5.7 sec; Principal axes (scale 10**19 Nm): (T) Val=1.46, Plg=69, Azm=315; (N) Val=0.02, Plg=3, Azm=217; (P) Val=-1.47, Plg=20, Azm=126; Best double couple: Mo=1.5*10**19 Nm; NP1: Strike=211, Dip=25, Slip=83; NP2: Strike=38, Dip=66, Slip=93. Scalar Moment (OBN): Mo=4.0*10**19 Nm. Scalar Moment (PPT): Mo=2.4*10**19 Nm.
21	14	19	41.6%	36.19	N	142.35	E	33	N	3.7	1.0	6	OFF EAST COAST OF HONSHU, JAPAN	
21	14	44	29.4	51.768	N	158.594	E	34	D	3.9	1.0	17	NEAR EAST COAST OF KAMCHATKA	
21	14	56	57.5	31.619	S	117.099	E	10	G		1.2	8	WESTERN AUSTRALIA	
21	15	04	06.7%	37.518	N	2.552	W	10	G		0.9	6	SPAIN. mbLg 2.6 (MDD).	
21	15	10	11.0	51.299	N	159.531	E	33	N	4.9	1.1	120	OFF EAST COAST OF KAMCHATKA	
21	15	45	19.4%	11.381	N	61.312	W	50	G		0.3	8	WINDWARD ISLANDS. MD 3.4 (TRN).	
21	15	48	04.4%	34.06	S	70.45	W	110	G		0.8	8	CHILE-ARGENTINA BORDER REGION	
21	16	12	50.4	18.434	N	100.411	W	61	D	4.3	0.9	44	GUERRERO, MEXICO	
21	16	14	24.4%	44.504	N	6.958	E	10	G		0.7	6	FRANCE. ML 1.9 (LDG).	
21	16	37	00.8%	51.04	N	177.98	W	33	N	4.0	1.3	15	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.9 (PMR).	
21	17	31	35.4%	40.86	N	23.54	E	10	G		0.4	5	GREECE	
21	18	00	42.2	51.492	N	177.240	W	45	D	4.3	1.2	43	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).	
21	18	29	25.6%	51.47	N	161.39	E	33	N	3.4	1.2	8	OFF EAST COAST OF KAMCHATKA	
21	18	39	36.9%	51.426	N	159.553	E	33	N	3.8	1.0	20	OFF EAST COAST OF KAMCHATKA	
21	19	06	29.6%	12.846	N	125.161	E	33	N	4.3	1.0	19	SAMAR, PHILIPPINE ISLANDS	
21	19	28	34.4	51.485	N	159.584	E	33	N	4.4	1.1	61	OFF EAST COAST OF KAMCHATKA	
21	20	05	47.1%	51.368	N	176.760	W	33	N	3.9	1.1	11	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.7 (PMR).	
21	20	51	28.2%	36.56	N	2.94	W	10	G		0.2	4	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).	
21	20	54	41.0	51.570	N	159.511	E	33	N	4.5	1.0	62	OFF EAST COAST OF KAMCHATKA	
21	21	04	30.8	36.920	N	71.922	E	176	?	3.8	0.6	21	AFGHANISTAN-TAJIKISTAN BORD REG.	
21	21	15	25.2%	52.352	N	157.246	E	33	N	3.6	0.6	8	KAMCHATKA	
21	21	17	20.8%	51.580	N	159.329	E	33	N	3.9	0.8	11	OFF EAST COAST OF KAMCHATKA	
21	21	47	07.3%	33.188	S	70.316	W	5	G		0.3	6	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).	
21	22	07	24.3%	16.46	N	100.53	W	33	N		0.8	7	NEAR COAST OF GUERRERO, MEXICO	
21	22	12	09.9%	51.537	N	159.351	E	33	N	3.8	0.6	12	OFF EAST COAST OF KAMCHATKA	
21	22	25	25.3%	62.855	N	150.017	W	83				53	CENTRAL ALASKA. <AEIC>.	
21	23	02	13.2	7.348	S	128.038	E	150	G	5.1	0.9	72	BANDA SEA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:02:13.3; Lat 7.35 S; Lon 128.04 E; Dep 194.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=-1.10, Plg=59, Azm=324; (N) Val=-0.01, Plg=25, Azm=184; (P) Val=-1.09, Plg=18, Azm=86; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=143, Dip=35, Slip=43; NP2: Strike=16, Dip=67, Slip=117.	
21	23	28	42.3%	51.22	N	175.87	W	33	N	3.6	1.6	6	ANDREANOF ISLANDS, ALEUTIAN IS.	
21	23	34	34.1%	0.739	N	28.177	W	10	G	4.6	1.2	46	CENTRAL MID-ATLANTIC RIDGE	
22	00	32	13.4%	53.774	S	8.800	E	10	G	5.9	5.8	1.5	88	BOUVET ISLAND REGION. Mw 6.4 (GS), 6.4 (HRV). Ms 5.8 (BRK). Moment Tensor (GS): Dep 11; Principal axes (scale 10**18 Nm): (T) Val=4.10, Plg=0, Azm=177; (N) Val=0.56, Plg=81, Azm=86; (P) Val=-4.66, Plg=9, Azm=267; Best double couple: Mo=4.4*10**18 Nm; NP1: Strike=312, Dip=84, Slip=-6; NP2: Strike=42, Dip=84, Slip=-174. Centroid, Moment Tensor (HRV): Centroid origin time 00:32:23.4; Lat 53.33 S; Lon 9.61 E; Dep 15.0 Fix; Half-duration 3.8 sec; Principal axes (scale 10**18 Nm): (T) Val=5.09, Plg=7, Azm=354; (N) Val=-0.53, Plg=81, Azm=131; (P) Val=-4.56, Plg=6, Azm=263; Best double couple: Mo=4.8*10**18 Nm; NP1: Strike=38, Dip=81, Slip=180; NP2: Strike=128, Dip=90, Slip=9.
22	02	26	17.2%	36.986	N	4.166	W	10	G		0.5	6	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).	
22	02	28	55.6%	37.005	N	4.174	W	10	G		0.4	5	SPAIN. mbLg 2.1 (MDD).	
22	02	43	40.3%	36.95	N	4.22	W	10	G		0.8	5	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).	
22	03	09	09.3%	52.385	N	178.066	W	33	N	4.5	0.9	11	ANDREANOF ISLANDS, ALEUTIAN IS.	
22	03	43	58.0	51.574	N	159.391	E	33	N	5.1	0.9	145	OFF EAST COAST OF KAMCHATKA	
22	03	50	15.1%	44.473	N	25.968	E	33	N		0.7	5	ROMANIA	
22	04	18	08.9%	51.972	N	158.124	E	33	N	4.5	0.6	25	NEAR EAST COAST OF KAMCHATKA	
22	04	21	56.9%	33.076	N	117.910	W	6	G			26	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). ML 2.8 (GS).	
22	06	13	31.2%	32.43	S	71.67	W	33	N		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).	
22	06	34	32.9%	51.44	N	159.44	E	33	N	4.3	0.8	8	OFF EAST COAST OF KAMCHATKA	
22	07	57	05.7%	38.853	N	3.164	W	5	G		1.0	10	SPAIN. mbLg 3.2 (MDD).	
22	09	31	37.9%	51.466	N	177.747	W	33	N	4.5	1.2	26	ANDREANOF ISLANDS, ALEUTIAN IS.	
22	10	09	57.2	51.496	N	159.122	E	33	N	5.0	0.9	75	OFF EAST COAST OF KAMCHATKA	
22	11	55	37.9%	51.68	N	159.24	E	33	N	4.6	0.8	20	OFF EAST COAST OF KAMCHATKA	
22	12	50	20.5%	5.622	S	76.967	W	33	N	4.8	0.2	5	NORTHERN PERU. Felt (III) at Chachapoyas and (II) at Rioja.	
22	13	33	04.1%	51.378	N	15.675	E	10	G		1.0	6	POLAND. ML 2.4 (MOX).	
22	14	03	04.3%	33.211	S	71.417	W	40	G		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
22	14	26	51.5%	60.011	N	141.608	W	0				22	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC).	
22	14	50	07.5	51.398	N	159.239	E	33	N	5.6	6.0	1.1	246	OFF EAST COAST OF KAMCHATKA. Mw 6.4 (OBN), 6.2 (GS), 6.2 (HRV). Me 5.7 (GS). Felt (II) at Severo-Kurilsk, Paramushir. Broadband Source Parameters (GS): Dep 16; NP1: Strike=195,

Dip=15, Slip=60; NP2: Strike=46, Dip=77, Slip=98; Radiated energy 8.7×10^{12} Nm.

Moment Tensor (GS): Dep 6; Principal axes (scale 10^{11} Nm): (T) Val=2.79, Plg=50, Azm=299; (N) Val=-0.57, Plg=23, Azm=59; (P) Val=-2.22, Plg=31, Azm=164; Best double couple: Mo= 2.5×10^{11} Nm; NP1: Strike=303, Dip=26, Slip=156; NP2: Strike=55, Dip=80, Slip=66.

Centroid, Moment Tensor (HRV): Centroid origin time 14:50:11.0; Lat 51.25 N; Lon 159.72 E; Dep 22.6; Half-duration 3.0 sec; Principal axes (scale 10^{11} Nm): (T) Val=2.07, Plg=68, Azm=291; (N) Val=-0.02, Plg=5, Azm=34; (P) Val=-2.05, Plg=21, Azm=125; Best double couple: Mo= 2.1×10^{11} Nm; NP1: Strike=224, Dip=24, Slip=102; NP2: Strike=31, Dip=66, Slip=85.

Scalar Moment (OBN): Mo= 4.8×10^{11} Nm.

Scalar Moment (PPT): Mo= 3.4×10^{11} Nm.

22 16 10 33.3? 17.70 N 102.28 W 33 N 0.9 7 NEAR COAST OF MICHOACAN, MEXICO

22 16 47 12.9 75.820 N 134.619 E 10 G 5.6 5.5 1.2 271 LAPTEV SEA. Mw 6.2 (OBN), 5.8 (GS), 5.8 (HRV). Me 6.3 (GS). Broadband Source Parameters (GS): Dep 14; NP1: Strike=101, Dip=62, Slip=157; NP2: Strike=360, Dip=70, Slip=30; Radiated energy 5.7×10^{13} Nm.

Moment Tensor (GS): Dep 15; Principal axes (scale 10^{11} Nm): (T) Val=4.95, Plg=21, Azm=69; (N) Val=-0.26, Plg=19, Azm=167; (P) Val=-4.69, Plg=61, Azm=295; Best double couple: Mo= 4.8×10^{11} Nm; NP1: Strike=129, Dip=29, Slip=132; NP2: Strike=355, Dip=69, Slip=70.

Centroid, Moment Tensor (HRV): Centroid origin time 16:47:17.1; Lat 75.53 N; Lon 135.07 E; Dep 15.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10^{11} Nm): (T) Val=4.52, Plg=18, Azm=70; (N) Val=0.87, Plg=10, Azm=164; (P) Val=-5.38, Plg=69, Azm=283; Best double couple: Mo= 4.9×10^{11} Nm; NP1: Strike=144, Dip=29, Slip=112; NP2: Strike=349, Dip=63, Slip=78.

Scalar Moment (OBN): Mo= 1.9×10^{11} Nm.

22 17 09 25.3* 43.317 N 127.739 W 10 G 3.0 0.5 63 OFF COAST OF OREGON

22 18 38 58.6 32.213 S 69.828 W 140 G 0.6 14 MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).

22 18 47 27.9? 33.78 S 72.04 W 10 G 0.5 9 OFF COAST OF CENTRAL CHILE. MD 3.3 (SAN).

22 19 06 38.9 51.547 N 16.263 E 10 G 0.3 13 POLAND. ML 3.9 (GRF), 3.6 (VIE).

22 19 10 56.3* 51.522 N 16.075 E 10 0.5 10 POLAND. ML 3.2 (GRF), 2.7 (MOX).

22 19 45 28.9 43.516 N 110.140 W 5 G 0.8 15 WYOMING. ML 3.5 (GS), 3.7 (BUT).

22 20 34 33.4 36.682 N 4.450 W 104 0.7 41 STRAIT OF GIBRALTAR

22 22 48 07.9* 52.394 N 156.833 E 33 N 5.0 4.4 1.0 70 KAMCHATKA

23 00 37 02.8? 51.21 N 5.91 E 29 * 0.5 7 THE NETHERLANDS

23 00 40 29.5 51.614 N 16.301 E 10 G 0.6 12 POLAND

23 01 09 38.4* 3.737 N 126.634 E 113 * 4.1 0.7 15 TALAUD ISLANDS, INDONESIA

23 01 17 56.2 51.573 N 159.544 E 33 N 5.4 5.0 0.9 209 OFF EAST COAST OF KAMCHATKA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:18:02.3; Lat 51.54 N; Lon 159.75 E; Dep 32.5; Half-duration 1.3 sec; Principal axes (scale 10^{11} Nm): (T) Val=1.75, Plg=74, Azm=264; (N) Val=0.32, Plg=11, Azm=35; (P) Val=-2.07, Plg=12, Azm=127; Best double couple: Mo= 1.9×10^{11} Nm; NP1: Strike=231, Dip=34, Slip=109; NP2: Strike=28, Dip=58, Slip=77.

23 01 21 20.5 51.688 N 159.226 E 33 N 4.7 0.9 24 OFF EAST COAST OF KAMCHATKA

23 01 28 20.5 51.479 N 159.379 E 33 N 4.9 1.1 97 OFF EAST COAST OF KAMCHATKA

23 01 38 11.6* 51.589 N 159.599 E 33 N 4.2 1.1 30 OFF EAST COAST OF KAMCHATKA

23 01 39 55.3* 51.667 N 159.245 E 33 N 4.1 1.1 23 OFF EAST COAST OF KAMCHATKA

23 01 47 42.9 51.589 N 159.470 E 33 N 4.6 0.9 68 OFF EAST COAST OF KAMCHATKA

23 01 56 23.1 51.506 N 159.647 E 33 N 5.1 4.9 1.1 143 OFF EAST COAST OF KAMCHATKA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:56:31.3; Lat 51.51 N Fix; Lon 159.65 E Fix; Dep 51.6; Half-duration 1.0 sec; Principal axes (scale 10^{11} Nm): (T) Val=6.36, Plg=52, Azm=60; (N) Val=1.11, Plg=35, Azm=211; (P) Val=-7.47, Plg=14, Azm=311; Best double couple: Mo= 6.9×10^{11} Nm; NP1: Strike=78, Dip=43, Slip=146; NP2: Strike=194, Dip=67, Slip=52.

23 01 59 40.3? 52.38 N 158.55 E 33 N 4.3 1.4 13 NEAR EAST COAST OF KAMCHATKA

23 02 04 06.4* 51.663 N 159.538 E 32 D 4.0 0.9 23 OFF EAST COAST OF KAMCHATKA

23 02 16 41.4* 12.239 N 46.756 E 10 G 4.2 1.2 20 WESTERN GULF OF ADEN

23 02 24 25.9 52.787 N 142.731 E 33 N 4.2 0.8 34 SAKHALIN ISLAND. Felt (III) at Okha.

23 02 58 37.9 50.343 N 18.829 E 10 G 0.9 12 POLAND. MG 3.1 (WAR).

23 03 01 02.9 51.704 N 159.200 E 33 N 4.1 1.0 29 OFF EAST COAST OF KAMCHATKA

23 03 13 59.7* 51.699 N 159.430 E 33 N 3.9 0.8 20 OFF EAST COAST OF KAMCHATKA

23 03 24 25.2* 51.624 N 159.370 E 33 N 3.5 0.6 16 OFF EAST COAST OF KAMCHATKA

23 03 53 23.7* 51.539 N 159.339 E 33 N 4.2 1.1 34 OFF EAST COAST OF KAMCHATKA

23 04 32 39.3 23.199 S 67.715 W 132 * 4.4 0.9 26 CHILE-ARGENTINA BORDER REGION

23 04 46 09.4 46.872 N 6.879 E 10 G 0.6 14 SWITZERLAND. ML 2.6 (STR), 2.5 (LDG).

23 05 12 29.8 43.115 N 147.269 E 53 D 5.0 0.8 105 KURIL ISLANDS

23 05 24 27.0* 33.411 S 70.812 W 70 G 0.3 11 CHILE-ARGENTINA BORDER REGION. MD 2.9 (SAN).

23 06 20 53.3* 6.799 N 123.550 E 640 ? 4.4 1.0 26 MINDANAO, PHILIPPINE ISLANDS

23 06 22 22.0? 36.81 N 2.98 W 10 G 0.1 4 STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).

23 06 43 00.6 51.473 N 159.863 E 33 N 4.9 4.5 1.0 63 OFF EAST COAST OF KAMCHATKA

23 07 25 09.1 51.500 N 159.320 E 33 N 4.2 1.0 33 OFF EAST COAST OF KAMCHATKA

23 07 38 32.0 46.146 N 6.941 E 13 0.7 8 SWITZERLAND. ML 2.2 (LDG).

23 07 57 30.0* 60.143 N 153.011 W 136 85 SOUTHERN ALASKA. <AEIC>.

23 07 58 17.5? 12.65 N 125.32 E 33 N 4.1 1.3 11 SAMAR, PHILIPPINE ISLANDS

23 08 10 40.2* 51.703 N 159.121 E 33 N 4.0 1.2 27 OFF EAST COAST OF KAMCHATKA

23 10 51 20.6? 50.46 S 161.68 E 10 G 4.7 1.5 14 NORTH OF MACQUARIE ISLAND

23 10 56 53.4 51.519 N 159.715 E 33 N 4.9 4.6 1.1 85 OFF EAST COAST OF KAMCHATKA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:56:58.5; Lat 51.52 N Fix; Lon 159.71 E Fix; Dep 28.6; Half-duration 1.0 sec; Principal axes (scale 10^{11} Nm): (T) Val=5.34, Plg=59, Azm=5; (N) Val=-0.41, Plg=20,

Azm=238; (P) Val=-4.93, Plg=23, Azm=139; Best double couple: Mo=5.1*10**16 Nm; NP1: Strike=195, Dip=29, Slip=44; NP2: Strike=65, Dip=71, Slip=111.
 23 11 34 52.5* 51.530 N 159.576 E 33 N 4.4 1.1 47 OFF EAST COAST OF KAMCHATKA
 23 11 40 56.6 51.476 N 159.732 E 33 N 4.7 4.2 1.0 79 OFF EAST COAST OF KAMCHATKA
 23 11 50 19.6* 51.211 N 160.391 E 32 D 4.1 1.0 17 OFF EAST COAST OF KAMCHATKA
 23 11 59 09.2 1.239 S 136.657 E 33 N 4.9 1.3 47 IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV).
 Centroid, Moment Tensor (HRV): Centroid origin time 11:59:06.9; Lat 1.49 S; Lon 136.86 E; Dep 15.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.38, Plg=36, Azm=310; (N) Val=-0.12, Plg=46, Azm=172; (P) Val=-1.25, Plg=22, Azm=57; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=98, Dip=47, Slip=11; NP2: Strike=0, Dip=82, Slip=136.
 23 12 09 51.7* 51.888 N 158.462 E 33 N 4.2 1.3 13 NEAR EAST COAST OF KAMCHATKA
 23 12 45 06.9 51.586 N 159.509 E 33 N 5.3 6.1 1.0 176 OFF EAST COAST OF KAMCHATKA. Mw 6.2 (OBN), 5.9 (HRV). Felt (IV) at Petropavlovsk-Kamchatskiy. Felt (III) at Severo-Kurilsk, Paramushir.
 Centroid, Moment Tensor (HRV): Centroid origin time 12:45:11.6; Lat 51.52 N; Lon 159.67 E; Dep 24.1; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=7.25, Plg=68, Azm=303; (N) Val=0.23, Plg=1, Azm=36; (P) Val=-7.49, Plg=22, Azm=126; Best double couple: Mo=7.4*10**17 Nm; NP1: Strike=218, Dip=23, Slip=93; NP2: Strike=35, Dip=67, Slip=89.
 Scalar Moment (OBN): Mo=2.5*10**18 Nm.
 23 12 47 19.4 51.690 N 159.199 E 33 N 5.2 0.9 73 OFF EAST COAST OF KAMCHATKA
 23 12 48 55.9 51.583 N 159.272 E 33 N 5.1 1.0 59 OFF EAST COAST OF KAMCHATKA
 23 12 50 29.9* 51.94 N 158.02 E 33 N 4.8 0.9 29 NEAR EAST COAST OF KAMCHATKA
 23 13 02 49.0 9.221 S 108.133 E 33 N 4.5 1.2 23 SOUTH OF JAWA, INDONESIA
 23 13 04 43.6 51.490 N 159.492 E 33 N 4.9 1.1 87 OFF EAST COAST OF KAMCHATKA
 23 13 20 01.2* 32.38 N 130.25 E 33 N 0.1 4 KYUSHU, JAPAN
 23 13 37 15.0* 18.17 N 67.68 W 10 G 0.1 4 MONA PASSAGE. MD 3.4 (MPR).
 23 13 56 03.3* 59.705 N 136.942 W 10 G 14 SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
 23 14 29 56.3* 51.600 N 159.474 E 42 D 4.1 0.8 19 OFF EAST COAST OF KAMCHATKA
 23 14 34 25.6* 51.447 N 159.412 E 33 N 4.3 1.2 34 OFF EAST COAST OF KAMCHATKA
 23 14 50 52.1* 51.556 N 159.651 E 33 N 4.3 1.2 39 OFF EAST COAST OF KAMCHATKA
 23 14 58 30.7 51.506 N 159.418 E 33 N 5.1 4.7 1.0 174 OFF EAST COAST OF KAMCHATKA. Mw 5.4 (HRV).
 Centroid, Moment Tensor (HRV): Centroid origin time 14:58:36.2; Lat 51.51 N Fix; Lon 159.42 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=56, Azm=320; (N) Val=0.15, Plg=5, Azm=223; (P) Val=-1.36, Plg=34, Azm=130; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=201, Dip=12, Slip=68; NP2: Strike=44, Dip=79, Slip=95.
 23 15 31 05.9* 17.29 N 60.88 W 10 G 0.3 5 LEEWARD ISLANDS. MD 3.4 (TRN).
 23 15 35 25.8 51.544 N 159.584 E 33 N 5.1 5.3 1.0 143 OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
 23 15 41 36.1 14.693 N 54.352 E 10 G 4.6 1.2 30 ARABIAN SEA
 23 16 09 14.1* 61.632 N 149.919 W 37 43 SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).
 23 16 29 04.5 51.569 N 159.311 E 33 N 4.3 1.1 39 OFF EAST COAST OF KAMCHATKA
 23 16 40 37.6* 60.350 N 152.395 W 87 63 SOUTHERN ALASKA. <AEIC>.
 23 17 13 28.7 51.556 N 159.243 E 33 N 4.7 4.4 1.1 70 OFF EAST COAST OF KAMCHATKA
 23 18 28 28.5* 47.801 N 67.336 E 33 N 3.7 1.5 11 CENTRAL KAZAKHSTAN
 23 19 30 46.6* 29.329 N 137.311 E 519 * 3.8 0.7 15 SOUTH OF HONSHU, JAPAN
 23 19 40 21.3 51.401 N 159.293 E 33 N 4.4 0.9 35 OFF EAST COAST OF KAMCHATKA
 23 19 53 43.7* 51.612 N 159.097 E 33 N 4.1 1.1 18 OFF EAST COAST OF KAMCHATKA
 23 20 19 28.4 51.543 N 159.747 E 33 N 5.1 5.0 1.0 186 OFF EAST COAST OF KAMCHATKA. Mw 5.2 (HRV).
 Centroid, Moment Tensor (HRV): Centroid origin time 20:19:31.5; Lat 51.23 N; Lon 160.19 E; Dep 17.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.36, Plg=75, Azm=283; (N) Val=0.89, Plg=4, Azm=27; (P) Val=-8.25, Plg=15, Azm=117; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=213, Dip=31, Slip=97; NP2: Strike=24, Dip=60, Slip=86.
 23 20 59 30.3 73.856 N 9.227 E 10 G 4.1 1.3 27 GREENLAND SEA
 23 21 43 05.9* 51.88 N 158.95 E 33 N 4.0 0.6 12 NEAR EAST COAST OF KAMCHATKA
 23 21 49 09.8* 36.041 N 120.120 W 4 33 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
 23 22 04 42.0* 36.19 N 140.96 E 33 N 0.8 5 NEAR EAST COAST OF HONSHU, JAPAN
 23 22 33 08.7 51.632 N 159.626 E 33 N 4.8 4.5 0.9 113 OFF EAST COAST OF KAMCHATKA
 23 23 36 05.2* 51.699 N 159.126 E 33 N 4.5 4.1 1.2 42 OFF EAST COAST OF KAMCHATKA
 23 23 37 03.0* 47.278 N 122.836 W 19 36 WASHINGTON. <SEA-P>. MD 3.0 (SEA). ML 3.2 (GS).
 23 23 43 09.0* 33.942 S 70.143 W 5 G 0.3 6 CHILE-ARGENTINA BORDER REGION
 24 00 48 09.8* 59.941 N 153.282 W 126 68 SOUTHERN ALASKA. <AEIC>.
 24 01 56 27.6 48.217 N 154.382 E 33 N 4.7 0.8 75 KURIL ISLANDS
 24 03 17 10.8* 51.58 N 159.47 E 33 N 3.9 0.6 6 OFF EAST COAST OF KAMCHATKA
 24 03 25 48.6 11.914 S 166.736 E 186 D 4.7 1.1 82 SANTA CRUZ ISLANDS
 24 03 41 19.5* 35.047 N 21.963 E 10 G 3.9 1.0 10 CENTRAL MEDITERRANEAN SEA
 24 04 09 33.4* 50.974 N 176.372 W 33 N 4.3 1.0 25 ANDREANOF ISLANDS, ALEUTIAN IS.
 24 04 29 21.2* 36.044 N 120.118 W 4 31 CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (GS).
 24 04 42 56.5* 8.71 S 129.70 E 33 N 4.4 1.5 5 TIMOR SEA
 24 05 44 34.5* 33.369 N 132.215 E 33 N 0.6 6 SHIKOKU, JAPAN
 24 06 18 38.6 51.530 N 159.701 E 33 N 4.8 0.9 75 OFF EAST COAST OF KAMCHATKA
 24 07 26 05.9* 51.350 N 178.589 W 33 N 4.3 1.0 34 ANDREANOF ISLANDS, ALEUTIAN IS.
 24 07 33 37.2* 5.425 S 141.110 E 33 N 4.4 1.1 9 NEW GUINEA, PAPUA NEW GUINEA
 24 10 38 01.2* 27.311 N 128.712 E 51 * 3.9 1.3 9 RYUKYU ISLANDS
 24 10 52 30.1 9.388 S 159.060 E 10 G 4.9 1.0 43 SOLOMON ISLANDS. Felt (IV) at Honiara.
 24 11 10 48.4* 17.243 N 100.155 W 33 N 0.2 5 GUERRERO, MEXICO
 24 11 28 42.0 51.538 N 159.392 E 33 N 5.0 5.1 1.0 138 OFF EAST COAST OF KAMCHATKA. Mw 5.4 (HRV).
 Centroid, Moment Tensor (HRV): Centroid origin time 11:28:46.4; Lat 51.66 N; Lon 160.14 E; Dep 23.4; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.09, Plg=70, Azm=305; (N) Val=0.22, Plg=1, Azm=37; (P)

Val=-1.31, Plg=20, Azm=127; Best double couple:
Mo=1.2*10**17 Nm; NP1: Strike=218, Dip=25, Slip=92; NP2:
Strike=37, Dip=65, Slip=89.

24	12	50	21.5?	34.13	S	69.85	W	5	G	0.7	6	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).	
24	12	52	41.6%	33.077	S	70.143	W	110	G	0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).	
24	13	10	06.2*	51.717	N	159.399	E	33	N	4.2 4.1	1.2	30	OFF EAST COAST OF KAMCHATKA
24	13	25	01.2*	12.654	N	125.059	E	33	N	4.0	1.2	14	SAMAR, PHILIPPINE ISLANDS
24	13	34	01.3?	34.59	S	70.31	W	5	G	0.3	7	CHILE-ARGENTINA BORDER REGION	
24	13	39	03.7?	4.17	S	129.82	E	93	?	3.6	1.4	9	BANDA SEA
24	13	48	22.3?	37.35	N	141.68	E	5	G	0.9	5	NEAR EAST COAST OF HONSHU, JAPAN	
24	14	22	05.0%	60.135	N	152.638	W	99			48	SOUTHERN ALASKA. <AEIC>.	
24	14	22	47.5	51.600	N	159.652	E	33	N	4.8	1.0	79	OFF EAST COAST OF KAMCHATKA
24	14	38	58.4?	16.99	N	99.56	W	10	G	0.3	6	NEAR COAST OF GUERRERO, MEXICO	
24	15	04	05.0*	16.143	S	72.517	W	111	*	4.1	1.4	10	NEAR COAST OF PERU. Felt (II) at Aplao, Arequipa, Caraveli, Mollendo and Ocona.
24	16	43	08.5?	32.38	N	130.24	E	33	N		0.2	4	KYUSHU, JAPAN
24	16	52	20.1%	33.402	S	70.590	W	90	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 2.7 (SAN).
24	18	07	16.0?	7.23	S	120.98	E	33	N	4.0	1.2	11	FLORES SEA
24	18	41	55.6*	9.413	S	107.973	E	33	N	4.2	1.4	17	SOUTH OF JAWA, INDONESIA
24	19	48	51.1%	16.780	N	100.024	W	33	N		1.0	9	NEAR COAST OF GUERRERO, MEXICO
24	20	07	56.1%	62.679	N	148.936	W	69			9	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.8 (PMR).	
24	20	42	42.9*	9.434	S	150.338	E	33	N	3.9	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
24	20	45	54.4?	3.70	S	141.54	E	33	N	4.2	0.7	11	NEW GUINEA, PAPUA NEW GUINEA
24	22	17	07.9	51.586	N	159.448	E	33	N	4.6	1.1	60	OFF EAST COAST OF KAMCHATKA
24	23	23	49.0?	0.54	N	97.32	E	33	N	3.5	1.3	9	NORTHERN SUMATERA, INDONESIA
24	23	50	13.4*	51.108	S	161.827	E	10	G	4.6	1.3	21	NORTH OF MACQUARIE ISLAND
25	01	27	08.0*	31.688	S	69.615	W	117	?		0.8	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
25	01	41	01.7*	3.064	S	135.023	E	33	N	4.3	1.4	10	IRIAN JAYA REGION, INDONESIA
25	02	29	09.8	21.724	N	142.902	E	313		4.6	0.9	77	MARIANA ISLANDS REGION
25	03	37	28.3	61.390	N	3.781	E	10	G		1.3	21	NORWEGIAN SEA
25	04	30	10.3?	19.35	N	105.53	W	43	?	3.5	1.2	7	NEAR COAST OF JALISCO, MEXICO
25	04	50	11.5*	51.626	N	159.556	E	33	N	4.2	1.3	21	OFF EAST COAST OF KAMCHATKA
25	05	10	10.5%	46.577	N	1.032	E	5	G		0.5	11	FRANCE. ML 3.3 (LDG).
25	05	19	09.3*	8.365	S	116.558	E	33	N	4.6	1.2	19	SUMBAWA REGION, INDONESIA
25	05	39	33.1*	5.856	S	153.525	E	83	?	4.5	0.7	16	NEW IRELAND REGION, P.N.G.
25	06	05	54.3?	22.29	S	147.73	E	10	G	3.7	0.7	6	QUEENSLAND, AUSTRALIA
25	07	06	12.0%	34.518	S	70.404	W	5	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
25	07	16	13.9	44.555	N	7.462	E	10	G		0.7	11	NORTHERN ITALY. ML 2.2 (GEN), 2.0 (LDG).
25	07	18	21.3*	8.052	N	94.023	E	24	D	4.4	1.0	18	NICOBAR ISLANDS, INDIA
25	07	24	03.9%	59.386	N	152.434	W	77			31	SOUTHERN ALASKA. <AEIC>.	
25	07	28	58.1	8.275	N	94.220	E	27	D	5.0	1.0	78	NICOBAR ISLANDS, INDIA. Mw 5.2 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time													
07:28:59.1; Lat 8.65 N; Lon 93.87 E; Dep 29.9; Half-													
duration 1.2 sec; Principal axes (scale 10**16 Nm): (T)													
Val=8.17, Plg=6, Azm=306; (N) Val=-0.05, Plg=83, Azm=140;													
(P) Val=-8.11, Plg=2, Azm=37; Best double couple:													
Mo=8.1*10**16 Nm; NP1: Strike=82, Dip=84, Slip=3; NP2:													
Strike=351, Dip=87, Slip=174.													
25	07	30	34.8%	47.197	N	119.510	W	15			33	WASHINGTON. <SEA-P>. MD 3.0 (SEA).	
25	08	04	39.9%	63.256	N	151.172	W	9			49	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).	
25	08	26	36.7*	7.132	N	145.031	E	33	N	4.0	1.5	14	E. CAROLINE ISLANDS, MICRONESIA
25	08	36	09.6?	18.98	S	177.41	W	138	D	3.9	1.0	12	FIJI ISLANDS REGION
25	08	48	16.1%	59.829	N	151.349	W	49			42	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).	
25	08	56	55.9*	1.623	S	15.458	W	10	G	4.2	1.1	14	NORTH OF ASCENSION ISLAND
25	09	28	38.8*	17.199	N	100.964	W	10	G		1.2	9	GUERRERO, MEXICO
25	09	41	45.4?	11.03	N	62.54	W	120	G		1.1	5	WINDWARD ISLANDS. MD 3.1 (TRN).
25	09	47	34.6%	60.072	N	152.917	W	104		3.3	48	SOUTHERN ALASKA. <AEIC>.	
25	10	45	58.3?	29.19	N	34.83	E	10	G	3.5	0.7	12	EGYPT
25	11	17	35.5*	9.192	N	126.468	E	33	N	4.2	0.9	20	MINDANAO, PHILIPPINE ISLANDS
25	11	30	32.2	51.133	N	177.093	W	33	N	4.2	1.2	45	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
25	11	45	28.5*	51.623	N	159.431	E	33	N	3.8	0.9	17	OFF EAST COAST OF KAMCHATKA
25	12	23	01.4%	59.569	N	152.268	W	81		3.3	101	SOUTHERN ALASKA. <AEIC>.	
25	12	45	08.0%	37.541	N	118.831	W	9			46	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.3 (GS), 3.1 (BRK).	
25	15	26	49.0?	7.05	S	128.49	E	33	N	4.2	1.0	8	BANDA SEA
25	16	19	49.8*	51.738	N	159.878	E	43	D	4.1	0.8	20	OFF EAST COAST OF KAMCHATKA
25	16	25	38.4?	33.88	S	71.99	W	40	G		0.6	6	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
25	16	35	24.9*	51.627	N	159.931	E	35	D	4.0	1.4	17	OFF EAST COAST OF KAMCHATKA
25	16	43	00.0%	39.428	N	123.311	W	1			34	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.0 (GS), 2.9 (BRK). Felt at Willits.	
25	16	54	14.4*	12.787	N	124.592	E	33	N	4.1	1.2	19	SAMAR, PHILIPPINE ISLANDS
25	16	54	27.5?	50.22	N	18.97	E	10	G		0.5	4	POLAND. MG 2.8 (WAR).
25	17	29	10.1	24.049	N	108.842	W	10	G	4.8 4.6	1.1	124	GULF OF CALIFORNIA
25	17	30	03.5?	6.01	S	103.78	E	49	D	4.1	1.3	14	SOUTHWEST OF SUMATERA, INDONESIA
25	17	55	18.6*	51.716	N	159.639	E	33	N	4.3	1.4	38	OFF EAST COAST OF KAMCHATKA
25	18	09	56.0*	51.728	N	159.817	E	33	D	4.2	0.8	23	OFF EAST COAST OF KAMCHATKA
25	18	11	38.1?	34.68	S	70.74	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
25	18	52	20.0	14.790	N	92.145	W	66	D	4.4	1.1	81	NEAR COAST OF CHIAPAS, MEXICO
25	19	25	35.6?	47.34	N	153.21	E	33	N	3.7	1.0	5	KURIL ISLANDS
25	19	45	21.2%	63.253	N	151.143	W	6		3.0	52	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).	
25	20	09	32.0?	24.64	S	178.55	E	596	?	4.4	0.8	21	SOUTH OF FIJI ISLANDS
25	20	11	34.5?	34.78	S	70.97	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 2.6 (SAN).
25	21	07	23.5*	38.937	N	69.152	E	33	N	3.9	0.7	6	TAJIKISTAN
25	21	18	19.2%	37.640	N	118.928	W	7			29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).	
25	21	21	01.6*	39.902	N	77.077	E	71	?	4.1	1.1	18	SOUTHERN XINJIANG, CHINA
25	21	36	55.6%	39.854	N	7.607	W	10	G		0.8	7	PORTUGAL. mbLg 2.9 (MDD).
25	21	37	02.6	39.971	N	142.839	E	45	D	4.9 4.6	0.9	131	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.0 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time													
21:37:08.0; Lat 39.97 N; Lon 142.84 E; Dep 45.0													
Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.35, Plg=38, Azm=31; (N) Val=0.65, Plg=52, Azm=211; (P) Val=-4.00, Plg=0, Azm=121; Best double couple:													

Mo	3.7	7	10	16	Nm	NPl	Strike	173	Dip	64	Slip	29	NP2
25	21	58	05.3	*	20.998	S	67.448	W	223	*	3.6	1.1	7
25	23	11	13.5		24.685	S	69.833	W	54	D	4.9	0.9	75
SOUTHERN BOLIVIA													
NORTHERN CHILE. Mw 5.2 (HRV).													
Centroid, Moment Tensor (HRV): Centroid origin time													
23:11:20.8; Lat 25.15 S; Lon 70.60 W; Dep 37.4; Half-													
duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)													
Val=6.40, Plg=63, Azm=90; (N) Val=1.44, Plg=6, Azm=348; (P)													
Val=-7.84, Plg=26, Azm=255; Best double couple:													
Mo=7.1*10**16 Nm; NPl: Strike=331, Dip=20, Slip=72; NP2:													
Strike=170, Dip=71, Slip=96.													
25	23	54	22.5		6.208	N	124.035	E	100	G	4.6	0.9	34
26	00	21	25.7		12.879	N	124.754	E	33	N	4.9	0.9	61
MINDANAO, PHILIPPINE ISLANDS													
SAMAR, PHILIPPINE ISLANDS. Mw 5.3 (HRV).													
Centroid, Moment Tensor (HRV): Centroid origin time													
00:21:26.4; Lat 12.88 N Fix; Lon 124.75 E Fix; Dep 15.0													
Fix; Half-duration 1.0 sec; Principal axes (scale 10**17													
Nm): (T) Val=1.06, Plg=17, Azm=108; (N) Val=0.06, Plg=22,													
Azm=205; (P) Val=-1.12, Plg=62, Azm=343; Best double													
couple: Mo=1.1*10**17 Nm; NPl: Strike=169, Dip=34,													
Slip=-131; NP2: Strike=36, Dip=65, Slip=-66.													
26	01	32	52.0	?	9.92	S	117.86	E	33	N	3.6	1.4	8
26	01	50	36.4	%	16.602	N	96.344	W	10	G		1.1	7
26	01	52	41.3	%	55.333	N	5.214	W	10	G		0.5	14
26	02	04	04.5	*	17.877	S	48.877	E	10	G	4.4	1.0	18
26	02	18	42.6	*	32.687	N	132.419	E	56	*	3.7	1.0	11
26	02	26	29.8		51.681	N	159.543	E	33	N	4.6	1.0	73
26	02	29	54.3	*	51.875	N	159.438	E	33	N	4.4	1.0	37
26	02	42	50.7		51.667	N	159.680	E	33	N	4.3	1.2	43
26	03	22	03.1		27.727	N	139.747	E	469	D	5.5	0.9	345
BONIN ISLANDS REGION. Mw 6.3 (GS), 6.3 (HRV). Me 5.5 (GS).													
mb 5.4 (BRK).													
Broadband Source Parameters (GS): NPl: Strike=94, Dip=22,													
Slip=-153; NP2: Strike=338, Dip=80, Slip=-70; Radiated													
energy 4.5*10**12 Nm.													
Moment Tensor (GS): Dep 481; Principal axes (scale 10**18													
Nm): (T) Val=2.82, Plg=22, Azm=59; (N) Val=0.00, Plg=19,													
Azm=157; (P) Val=-2.82, Plg=60, Azm=284; Best double													
couple: Mo=2.8*10**18 Nm; NPl: Strike=117, Dip=28,													
Slip=-134; NP2: Strike=344, Dip=70, Slip=-69.													
Centroid, Moment Tensor (HRV): Centroid origin time													
03:22:09.0; Lat 27.82 N; Lon 139.85 E; Dep 478.6; Half-													
duration 3.1 sec; Principal axes (scale 10**18 Nm): (T)													
Val=2.51, Plg=25, Azm=54; (N) Val=0.27, Plg=18, Azm=153;													
(P) Val=-2.79, Plg=58, Azm=274; Best double couple:													
Mo=2.7*10**18 Nm; NPl: Strike=110, Dip=25, Slip=-135; NP2:													
Strike=338, Dip=72, Slip=-71.													
26	03	36	06.0		52.424	N	157.939	E	33	N	3.9	1.3	12
26	03	55	09.4		27.668	N	139.526	E	471	D	5.0	1.0	191
KAMCHATKA													
BONIN ISLANDS REGION. Mw 5.5 (HRV).													
Centroid, Moment Tensor (HRV): Centroid origin time													
03:55:13.5; Lat 27.83 N; Lon 139.53 E; Dep 489.9; Half-													
duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)													
Val=1.79, Plg=4, Azm=47; (N) Val=0.63, Plg=17, Azm=138; (P)													
Val=-2.42, Plg=72, Azm=303; Best double couple:													
Mo=2.1*10**17 Nm; NPl: Strike=119, Dip=43, Slip=-115; NP2:													
Strike=332, Dip=52, Slip=-68.													
26	04	15	26.1		27.690	N	139.767	E	492		4.1	0.9	41
26	04	22	04.2	?	1.71	N	126.22	E	33	N	3.9	1.2	9
26	04	33	02.7	%	33.634	S	71.510	W	22	*		0.5	9
26	04	37	04.4	*	13.882	N	120.764	E	300	G	3.7	1.0	14
26	04	48	17.7	%	58.922	N	152.251	W	54				35
26	06	05	55.4	%	60.159	N	153.200	W	132				47

26	18	39	32.7	51.779	N	159.428	E	33	N	4.5	1.0	41	OFF EAST COAST OF KAMCHATKA
26	18	53	36.6	51.789	N	159.617	E	33	N	4.2	0.9	36	OFF EAST COAST OF KAMCHATKA
26	19	07	48.0	47.760	N	121.850	W	3				9	WASHINGTON. <SEA-P>. MD 2.7 (SEA). Felt.
26	19	13	32.1	52.34	N	158.72	E	33	N	4.2	1.1	15	NEAR EAST COAST OF KAMCHATKA
26	19	33	13.5	51.685	N	159.030	E	33	N	3.7	0.9	14	OFF EAST COAST OF KAMCHATKA
26	19	42	44.7	36.447	N	4.644	W	10	G		1.3	6	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
26	19	48	11.8	3.207	S	130.268	E	95	?	4.0	0.8	11	SERAM, INDONESIA
26	20	24	15.0	52.243	N	157.757	E	33	N	4.0	0.9	15	KAMCHATKA
26	20	27	28.6	17.886	N	144.556	E	33	N	3.6	1.2	10	MARIANA ISLANDS REGION
26	20	54	56.6	4.865	N	122.940	E	650	?	4.2	1.1	22	CELEBES SEA
26	21	04	58.6	12.467	N	125.365	E	33	N	4.5	1.2	18	SAMAR, PHILIPPINE ISLANDS
26	21	22	09.3	43.254	N	8.094	E	10	G		0.4	5	CORSICA. ML 1.8 (LDG).
26	21	49	07.2	42.51	N	7.56	E	33	N		1.3	6	WESTERN MEDITERRANEAN SEA. ML 2.6 (LDG).
26	21	50	04.9	22.175	S	69.103	W	91	D	4.5	1.3	30	NORTHERN CHILE
26	21	53	52.2	0.21	S	122.76	E	157	D	4.1	1.1	15	MINAHASSA PENINSULA, SULAWESI
26	22	09	45.0	17.082	N	99.968	W	33	N		0.8	6	GUERRERO, MEXICO
26	22	16	21.8	1.31	S	137.92	E	33	N	4.1	1.2	5	NEAR NORTH COAST OF IRIAN JAYA
26	22	26	02.3	32.700	S	71.028	W	80	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 2.5 (SAN).
26	23	53	54.3	1.04	S	136.96	E	33	N	4.5	1.4	13	IRIAN JAYA REGION, INDONESIA
27	00	32	38.7	35.69	N	4.58	W	117	?		0.6	13	STRAIT OF GIBRALTAR
27	01	14	02.0	13.76	N	92.06	W	33	N	4.1	1.4	10	OFF COAST OF CHIAPAS, MEXICO
27	01	48	51.6	63.109	N	150.499	W	112				49	CENTRAL ALASKA. <AEIC>.
27	03	34	32.9	38.28	S	177.74	E	33	N	5.0	1.4	21	NORTH ISLAND, NEW ZEALAND. Mw 5.0 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 03:34:39.0; Lat 38.26 S; Lon 177.63 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.72, Plg=61, Azm=239; (N) Val=-1.05, Plg=15, Azm=121; (P) Val=-2.67, Plg=24, Azm=24; Best double couple: Mo=3.2*10**16 Nm; NP1: Strike=86, Dip=24, Slip=52; NP2: Strike=306, Dip=71, Slip=105.													
27	05	24	54.1	17.984	N	66.793	W	24	*		0.4	6	PUERTO RICO REGION. MD 3.0 (MPR).
27	05	39	08.3	2.21	S	149.35	E	33	N	4.2	1.3	8	NEW IRELAND REGION, P.N.G.
27	05	40	07.5	38.049	N	73.627	E	181	D	4.7	0.7	104	TAJIKISTAN-XINJIANG BORDER REG.
27	05	49	02.1	38.640	N	119.489	W	4		3.8		128	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.3 (BRK). MD 4.3 (GM). ML 4.5 (BRK). Felt at South Lake Tahoe, California.
Scalar Moment (BRK): Mo=3.3*10**15 Nm.													
27	06	36	31.6	8.804	N	40.062	W	10	G	4.1	1.3	24	CENTRAL MID-ATLANTIC RIDGE
27	06	37	00.5	10.953	S	113.405	E	33	N	4.5	1.0	11	SOUTH OF JAWA, INDONESIA
27	06	53	44.4	7.332	S	128.464	E	124	?	4.3	1.3	23	BANDA SEA
27	09	15	23.8	59.926	N	153.585	W	123		3.4		83	SOUTHERN ALASKA. <AEIC>.
27	09	25	59.1	8.97	S	128.38	E	33	N	4.4	1.3	12	TIMOR SEA
27	09	48	29.2	28.072	N	140.015	E	447	*	3.8	1.1	16	BONIN ISLANDS REGION
27	10	04	28.0	51.625	N	159.642	E	34	D	4.0	0.8	29	OFF EAST COAST OF KAMCHATKA
27	10	11	46.4	51.605	N	159.083	E	33	N	3.8	1.4	10	OFF EAST COAST OF KAMCHATKA
27	11	03	57.4	0.904	S	134.211	E	33	N	4.5	1.2	21	IRIAN JAYA REGION, INDONESIA
27	11	24	03.0	44.565	N	141.547	E	252	*	4.0	1.0	38	HOKKAIDO, JAPAN REGION
27	11	58	32.2	23.107	N	94.166	E	42	*	4.3	0.8	23	MYANMAR-INDIA BORDER REGION
27	12	02	39.2	34.46	S	70.39	W	10	G			6	CHILE-ARGENTINA BORDER REGION
27	12	37	39.9	44.700	N	149.418	E	57	D	3.6	1.0	11	KURIL ISLANDS
27	13	10	48.2	33.718	S	70.353	W	110	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
27	13	52	47.7	17.079	N	100.342	W	10	G		0.9	5	GUERRERO, MEXICO
27	14	35	16.8	51.315	N	159.349	E	33	N	3.9	0.7	13	OFF EAST COAST OF KAMCHATKA
27	15	28	54.0	19.705	S	68.963	W	136	*	4.1	1.0	15	CHILE-BOLIVIA BORDER REGION
27	15	46	48.1	6.19	S	129.46	E	33	N	4.3	0.9	9	BANDA SEA
27	15	52	54.6	24.152	N	122.596	E	64	*	4.0	0.8	10	TAIWAN REGION
27	16	21	21.8	27.048	N	92.211	E	33	N	4.2	1.1	22	EASTERN XIZANG-INDIA BORDER REG.
27	16	24	21.0	59.941	N	153.830	W	158				79	SOUTHERN ALASKA. <AEIC>.
27	16	40	12.2	12.704	N	124.742	E	39	D	4.5	0.9	25	SAMAR, PHILIPPINE ISLANDS
27	17	12	26.5	17.492	S	69.600	W	161	D	4.6	1.0	23	PERU-BOLIVIA BORDER REGION
27	17	27	08.3	22.552	S	176.048	W	36	D	4.9 4.8	1.1	54	SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 17:27:09.9; Lat 22.99 S; Lon 175.24 W; Dep 60.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=65, Azm=253; (N) Val=0.32, Plg=9, Azm=4; (P) Val=-1.33, Plg=23, Azm=98; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=205, Dip=23, Slip=113; NP2: Strike=0, Dip=69, Slip=80.													
27	17	43	12.3	51.526	N	176.942	W	33	N	4.6	1.2	57	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR). Felt (III) on Adak.
27	17	47	51.9	0.93	S	135.08	E	33	N	4.4	1.3	11	IRIAN JAYA REGION, INDONESIA
27	18	44	56.7	51.592	N	16.129	E	10	G		1.3	9	POLAND. ML 2.5 (MOX).
27	18	58	35.3	37.181	N	3.721	W	10	G		0.9	7	SPAIN. mbLg 2.5 (MDD).
27	20	23	28.6	8.14	N	57.98	E	10	G	4.5	1.0	18	CARLSBERG RIDGE
27	21	09	54.4	44.769	N	6.820	E	5	G		0.5	7	FRANCE. ML 2.1 (GEN).
27	21	23	56.4	51.508	N	159.408	E	33	N	5.0 4.8	1.0	174	OFF EAST COAST OF KAMCHATKA. Mw 5.0 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 21:24:06.0; Lat 51.51 N Fix; Lon 159.41 E Fix; Dep 49.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.10, Plg=67, Azm=57; (N) Val=2.06, Plg=19, Azm=201; (P) Val=-5.16, Plg=13, Azm=295; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=48, Dip=36, Slip=123; NP2: Strike=189, Dip=60, Slip=68.													
27	22	40	00.1	46.718	N	7.090	E	10	G		0.9	52	SWITZERLAND. ML 3.2 (LDG), 3.2 (STR), 2.9 (FUR), 2.9 (VIE).
27	22	54	59.6	47.543	N	0.310	E	10	G		0.5	9	FRANCE. ML 1.9 (LDG).
28	00	01	44.1	16.857	N	61.129	W	10	G		0.2	6	LEEWARD ISLANDS. MD 3.1 (TRN).
28	02	41	13.3	21.712	S	175.213	W	36	D	5.3 5.1	0.8	135	TONGA ISLANDS. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 02:41:17.3; Lat 22.03 S; Lon 174.34 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.67, Plg=70, Azm=299; (N) Val=0.38, Plg=2, Azm=203; (P) Val=-3.05, Plg=20, Azm=112; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=199, Dip=25, Slip=85; NP2:													

[illegible]

29	12	48	24.0*	7.467	S	126.151	E	33	N	4.2	1.7	16	BANDA SEA
29	13	09	57.9%	33.038	S	70.366	W	100	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
29	13	32	11.5*	6.195	S	146.085	E	44	D	4.2	1.3	12	EASTERN NEW GUINEA REG., P.N.G.
29	13	52	02.8	51.556	N	16.325	E	10	G		0.9	11	POLAND
29	14	08	25.0	2.801	S	139.268	E	33	N	5.2 5.7	1.3	77	NEAR NORTH COAST OF IRIAN JAYA. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 13; Principal axes (scale 10**17 Nm): (T) Val=5.53, Plg=51, Azm=239; (N) Val=-0.02, Plg=33, Azm=95; (P) Val=-5.51, Plg=18, Azm=353; Best double couple: Mo=5.5*10**17 Nm; NP1: Strike=44, Dip=40, Slip=32; NP2: Strike=289, Dip=70, Slip=125. Centroid, Moment Tensor (HRV): Centroid origin time 14:08:29.0; Lat 2.76 S; Lon 139.46 E; Dep 28.6; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=5.41, Plg=64, Azm=205; (N) Val=0.74, Plg=0, Azm=296; (P) Val=-6.15, Plg=26, Azm=26; Best double couple: Mo=5.8*10**17 Nm; NP1: Strike=117, Dip=19, Slip=91; NP2: Strike=296, Dip=71, Slip=89.
29	14	22	59.1	44.670	N	110.001	W	5	G		0.5	9	YELLOWSTONE REGION, WYOMING. ML 3.1 (GS), 3.0 (BUT).
29	14	32	58.4%	63.523	N	147.574	W	66				22	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
29	14	59	24.3?	3.19	S	139.00	E	33	N	4.0	1.6	6	IRIAN JAYA, INDONESIA
29	15	46	05.1?	3.01	S	138.78	E	33	N	4.4	0.8	10	IRIAN JAYA, INDONESIA
29	15	54	42.8?	43.18	N	147.94	E	33	N	4.0	1.4	10	KURIL ISLANDS
29	16	01	55.7?	2.84	S	138.90	E	33	N	3.8	1.2	8	IRIAN JAYA, INDONESIA
29	16	19	54.2%	16.526	N	98.640	W	33	N		0.6	5	NEAR COAST OF GUERRERO, MEXICO
29	16	30	31.0*	2.764	S	139.109	E	33	N	4.4	1.1	19	NEAR NORTH COAST OF IRIAN JAYA
29	16	48	31.9	2.836	S	139.044	E	33	N	4.6	1.2	27	NEAR NORTH COAST OF IRIAN JAYA
29	16	56	01.9	2.867	S	139.216	E	33	N	4.5	0.8	20	NEAR NORTH COAST OF IRIAN JAYA
29	16	58	58.1*	21.131	S	68.823	W	144	*	3.5	0.7	10	CHILE-BOLIVIA BORDER REGION
29	17	31	42.9%	37.867	N	2.454	W	10	G		1.0	5	SPAIN. mbLg 2.3 (MDD).
29	17	38	24.7?	48.92	S	127.20	E	10	G	4.2	1.3	15	SOUTH OF AUSTRALIA
29	18	05	18.8*	2.815	S	137.475	E	33	N	3.9	0.8	8	IRIAN JAYA, INDONESIA
29	18	32	46.6%	14.196	N	61.385	W	28	*		1.2	11	WINDWARD ISLANDS. MD 3.8 (TRN). Felt (II) on Martinique and St. Lucia.
29	18	40	02.8*	2.874	S	139.061	E	33	N	4.0	1.3	14	NEAR NORTH COAST OF IRIAN JAYA
29	18	59	18.2	51.656	N	16.227	E	10	G		0.9	14	POLAND. ML 3.3 (GRF), 3.1 (VIE), 2.6 (CLL).
29	19	00	56.3*	9.958	S	154.245	E	33	N	4.2	0.9	13	D'ENTRECASTEAUX ISLANDS REGION
29	19	30	42.6	37.187	N	81.950	W	1	G	4.1	1.2	34	WEST VIRGINIA. mbLg 3.9 (GS). Probable mine collapse.
29	20	01	28.5%	60.077	N	153.603	W	160				42	SOUTHERN ALASKA. <AEIC>.
29	20	08	05.1?	36.81	N	4.38	W	10	G		0.4	5	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
29	20	21	08.4?	26.90	S	26.64	E	5	G	4.3	1.4	12	REPUBLIC OF SOUTH AFRICA
29	21	06	49.8*	2.657	S	139.077	E	33	N	4.4	1.3	19	NEAR NORTH COAST OF IRIAN JAYA
29	22	16	52.5*	7.300	S	129.273	E	33	N	4.4	1.2	22	BANDA SEA
29	22	32	05.1*	19.379	N	155.457	W	33	N	4.1	1.3	11	HAWAII
29	23	04	21.4?	2.82	S	138.87	E	33	N	3.7	1.1	9	IRIAN JAYA, INDONESIA
29	23	22	34.4*	12.722	N	125.601	E	33	N	4.3	1.1	20	SAMAR, PHILIPPINE ISLANDS
29	23	39	27.7	33.674	N	141.457	E	12		4.7	1.2	49	OFF EAST COAST OF HONSHU, JAPAN
29	23	45	26.8*	0.185	S	16.628	W	10	G	4.3	1.3	19	NORTH OF ASCENSION ISLAND
29	23	54	04.4*	2.813	S	139.234	E	33	N	4.5	1.1	18	NEAR NORTH COAST OF IRIAN JAYA
29	23	58	50.9*	2.867	S	139.054	E	33	N	4.4	1.5	12	NEAR NORTH COAST OF IRIAN JAYA
30	00	07	34.0*	2.850	S	139.171	E	33	N	4.3	1.2	20	NEAR NORTH COAST OF IRIAN JAYA
30	00	18	55.9	1.225	N	126.262	E	33	N	4.6	0.7	27	NORTHERN MOLUCCA SEA
30	00	26	34.2?	2.91	S	139.00	E	33	N	3.9	1.2	9	IRIAN JAYA, INDONESIA
30	00	36	32.9?	3.11	S	139.32	E	33	N	3.9	1.4	10	IRIAN JAYA, INDONESIA
30	00	52	07.9	51.854	N	177.330	W	33	N	4.9 4.2	1.2	160	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.0 (HRV). ML 5.0 (PMR). Felt (IV) on Adak. Centroid, Moment Tensor (HRV): Centroid origin time 00:52:07.9; Lat 51.52 N; Lon 176.86 W; Dep 45.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.33, Plg=72, Azm=0; (N) Val=-0.75, Plg=6, Azm=250; (P) Val=-3.58, Plg=16, Azm=158; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=239, Dip=29, Slip=77; NP2: Strike=73, Dip=62, Slip=97.
30	01	00	15.4	18.769	S	66.873	W	268		4.5	1.0	100	CENTRAL BOLIVIA
30	01	43	37.1*	29.833	N	139.243	E	397		3.6	0.8	23	SOUTH OF HONSHU, JAPAN
30	01	57	37.0?	16.07	N	98.35	W	33	N		1.0	6	NEAR COAST OF GUERRERO, MEXICO
30	02	03	28.7?	3.06	S	138.89	E	33	N	4.1	0.7	8	IRIAN JAYA, INDONESIA
30	02	20	50.4?	31.66	S	70.01	W	140	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
30	02	30	48.0	15.244	S	173.499	W	93	D	4.7	1.0	95	TONGA ISLANDS
30	02	58	33.2	14.557	S	166.247	E	33	N	5.0 5.1	1.0	106	VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:58:33.0; Lat 14.87 S; Lon 166.61 E; Dep 32.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.45, Plg=16, Azm=199; (N) Val=-0.12, Plg=33, Azm=98; (P) Val=-9.33, Plg=52, Azm=312; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=328, Dip=41, Slip=33; NP2: Strike=84, Dip=69, Slip=126.
30	03	14	38.3?	34.46	S	70.44	W	110	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
30	03	37	38.7?	0.74	S	135.11	E	33	N	4.3	1.5	9	IRIAN JAYA REGION, INDONESIA
30	03	46	12.5%	46.527	N	0.082	E	12			1.1	15	FRANCE. ML 2.5 (LDG).
30	03	47	21.9?	1.85	S	135.10	E	33	N	4.2	0.9	8	IRIAN JAYA REGION, INDONESIA
30	03	50	43.9%	32.646	S	70.645	W	50	G		0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
30	04	05	53.6?	32.98	S	72.02	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
30	04	10	45.1?	2.61	S	139.75	E	33	N	3.7	1.1	8	NEAR NORTH COAST OF IRIAN JAYA
30	04	51	51.5*	38.246	N	20.786	E	10	G	4.0	1.1	19	GREECE
30	05	09	44.3?	2.12	S	139.77	E	33	N	4.3	1.2	6	NEAR NORTH COAST OF IRIAN JAYA
30	05	20	00.4?	38.02	N	137.18	E	10	G		1.5	6	EASTERN SEA OF JAPAN
30	05	28	56.9*	2.779	S	138.836	E	33	N	4.6	1.2	22	IRIAN JAYA, INDONESIA
30	05	33	05.4%	37.296	N	3.277	W	12			0.8	10	SPAIN. mbLg 2.7 (MDD).
30	05	56	50.9*	51.858	N	159.635	E	33	N	4.4 4.1	1.1	28	OFF EAST COAST OF KAMCHATKA
30	06	05	47.6?	16.36	N	99.07	W	10	G		0.3	5	NEAR COAST OF GUERRERO, MEXICO
30	06	21	10.4*	2.718	S	138.997	E	33	N	3.9	0.9	10	IRIAN JAYA, INDONESIA
30	06	59	37.8?	23.13	S	176.90	W	500	G	3.7	0.8	10	SOUTH OF FIJI ISLANDS
30	07	11	14.1	42.167	N	0.240	E	21			1.0	49	PYRENEES. ML 3.3 (LDG), 3.2 (STR). mbLg 3.2 (MDD). Felt

(III) in the El Grado area, Spain.

30	07	40	00.2*	39.003 N	40.641 E	10 G	3.9	1.1	19	TURKEY. Felt at Kigi.
30	07	41	46.8	51.584 N	16.361 E	10 G		0.8	16	POLAND. ML 3.2 (VIE).
30	07	49	19.0	51.719 N	159.697 E	33 N	4.7 4.8	1.2	96	OFF EAST COAST OF KAMCHATKA
30	08	01	12.8	51.968 N	158.566 E	33 N	4.1	0.7	14	NEAR EAST COAST OF KAMCHATKA
30	08	24	12.4*	51.953 N	159.567 E	33 N	4.0	1.0	27	OFF EAST COAST OF KAMCHATKA
30	09	25	50.1?	2.69 S	139.02 E	33 N	4.1	1.1	9	NEAR NORTH COAST OF IRIAN JAYA
30	09	39	21.5*	51.696 N	159.737 E	38 D	4.4	1.3	42	OFF EAST COAST OF KAMCHATKA
30	09	51	28.6	21.546 N	143.110 E	269 D	4.7	1.1	98	MARIANA ISLANDS REGION
30	11	18	12.0*	33.589 N	141.756 E	35 ?	4.0	1.1	14	OFF EAST COAST OF HONSHU, JAPAN
30	11	31	57.1?	3.09 S	138.89 E	33 N	3.9	1.0	8	IRIAN JAYA, INDONESIA
30	11	32	35.8	51.726 N	159.812 E	33 N	5.5 5.9	1.1	302	OFF EAST COAST OF KAMCHATKA. Mw 6.5 (OBN), 6.1 (GS), 6.1 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.

Moment Tensor (GS): Dep 21; Principal axes (scale 10**18 Nm): (T) Val=-1.49, Plg=53, Azm=313; (N) Val=-0.21, Plg=18, Azm=197; (P) Val=-1.28, Plg=31, Azm=96; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=143, Dip=22, Slip=34; NP2: Strike=21, Dip=78, Slip=108.

Centroid, Moment Tensor (HRV): Centroid origin time 11:32:40.6; Lat 51.69 N; Lon 160.30 E; Dep 20.4; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=-1.45, Plg=63, Azm=303; (N) Val=-0.08, Plg=0, Azm=34; (P) Val=-1.38, Plg=27, Azm=124; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=215, Dip=18, Slip=92; NP2: Strike=33, Dip=72, Slip=89.

Scalar Moment (OBN): Mo=6.0*10**18 Nm.
Scalar Moment (PPT): Mo=1.9*10**18 Nm.

30	11	44	27.4*	0.580 S	77.101 W	33 N	4.5	0.8	23	ECUADOR
30	11	49	41.5?	51.22 N	177.74 W	33 N	4.0	1.2	11	ANDREANOF ISLANDS, ALEUTIAN IS.
30	12	26	23.5	51.802 N	159.955 E	33 N	3.8	0.7	21	OFF EAST COAST OF KAMCHATKA
30	12	50	38.8*	17.505 N	101.272 W	33 N	3.1	0.9	10	NEAR COAST OF GUERRERO, MEXICO
30	12	50	54.7?	2.98 S	139.13 E	33 N	4.0	0.9	9	NEAR NORTH COAST OF IRIAN JAYA
30	13	12	35.6*	2.687 S	139.735 E	33 N	4.0	1.2	14	NEAR NORTH COAST OF IRIAN JAYA
30	14	03	14.8	51.922 N	159.637 E	33 N	4.0	0.6	21	OFF EAST COAST OF KAMCHATKA
30	14	22	02.2*	51.057 N	176.399 W	33 N	3.9	0.8	17	ANDREANOF ISLANDS, ALEUTIAN IS.
30	14	33	37.6?	2.65 S	139.06 E	33 N	3.8	1.0	8	NEAR NORTH COAST OF IRIAN JAYA
30	15	11	02.2?	15.74 N	97.81 W	33 N		1.1	8	NEAR COAST OF OAXACA, MEXICO
30	16	23	15.0?	33.85 S	72.00 W	10 G		0.5	9	OFF COAST OF CENTRAL CHILE
30	17	11	24.6	7.133 S	155.491 E	33 N	4.5	0.8	40	SOLOMON ISLANDS
30	18	10	22.8*	32.635 N	132.094 E	10 G		1.0	6	SHIKOKU, JAPAN
30	18	11	30.2*	17.590 N	120.995 E	33 N	3.9	1.1	10	LUZON, PHILIPPINE ISLANDS
30	18	39	45.5*	33.797 S	70.469 W	100 G		0.2	9	CHILE-ARGENTINA BORDER REGION
30	18	53	09.3*	52.281 N	157.898 E	33 N	4.1	0.7	12	KAMCHATKA
30	20	05	08.5	51.759 N	176.745 E	33 N	4.1	1.1	26	RAT ISLANDS, ALEUTIAN ISLANDS
30	20	34	23.6?	35.66 N	26.06 E	33 N	3.4	0.7	7	CRETE
30	20	48	11.7?	39.85 N	75.04 E	33 N	3.9	1.3	8	SOUTHERN XINJIANG, CHINA
30	20	50	25.0*	18.574 N	146.634 E	63 *	4.3	1.1	26	MARIANA ISLANDS
30	20	51	42.3?	1.00 S	146.45 E	33 N	4.2	1.2	7	ADMIRALTY ISLANDS REGION, P.N.G.
30	21	31	09.7*	52.293 N	158.531 E	33 N	4.0	0.9	14	NEAR EAST COAST OF KAMCHATKA
30	22	04	49.5	14.968 S	172.756 W	33 N	4.8	0.4	13	SAMOA ISLANDS
30	22	27	04.3*	55.177 S	127.084 W	10 G	4.9 5.1	1.1	46	PACIFIC-ANTARCTIC RIDGE. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 22:27:10.1; Lat 55.24 S; Lon 126.94 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.66, Plg=0, Azm=142; (N) Val=0.09, Plg=90, Azm=180; (P) Val=-1.75, Plg=0, Azm=52; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=187, Dip=90, Slip=-180; NP2: Strike=277, Dip=90, Slip=0.

30	22	53	55.1?	57.64 S	147.77 W	10 G	4.4	0.7	7	PACIFIC-ANTARCTIC RIDGE
30	23	33	19.7	23.993 S	66.660 W	199 *	4.1	1.0	32	JUJUY PROVINCE, ARGENTINA
30	23	42	15.7	53.668 N	169.410 E	33 N	5.1 4.8	0.9	201	KOMANDORSKY ISLANDS REGION
30	23	42	28.9	24.068 N	94.677 E	51 *	4.6	0.9	30	MYANMAR-INDIA BORDER REGION
30	23	51	40.6*	47.781 N	121.875 W	7			56	WASHINGTON. <SEA-P>. MD 2.6 (SEA). Felt.

Earthquake Focal Mechanisms for June 1996

Earthquake epicenters in Alaska and adjacent regions for June 1996

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

Earthquakes located worldwide in June 1996