

Sta.	$\Delta$	Az	Phase	UTC	Resid	T	A	Sta.	$\Delta$	Az	Phase	UTC	Resid	T	A
code	(deg.)	(deg.)		h min s	(s)	(s)	( $\mu$ m)	code	(deg.)	(deg.)		h min s	(s)	(s)	( $\mu$ m)
DEC 1d 21h 52m 05.7 $\pm$ 0.05s, SD1.22 / 24 34.50 N $\pm$ 1.16km, 24.06 E $\pm$ 0.87km, h32 $\pm$ 0.20km Crete (370)															
WMQ	49.1	59	eP	22 00 52.6	-0.2			LZH	6.1	16	ePn	18 16 41.0	3.1		
GTA	59.1	61	eP	22 02 05.0	-0.9						LN		M <sub>g</sub> = 4.5	8.0	3.20
TIY	68.8	58	eP	22 03 08.4	-0.9						LE			8.0	2.30
GYA	69.8	71	P	22 03 15.8	0.1			XAN	7.2	56	ePn	18 16 54.3	1.6		
CN2	74.3	48	eP	22 03 41.0	-1.3						Pg	18 17 19.7	5.3		
DEC 1d 23h 35m 48.1 $\pm$ 0.15s, SD1.19 / 24 21.85 N $\pm$ 1.06km, 143.90 E $\pm$ 1.37km, h203 $\pm$ 1.25km Marianas region (215)															
TIA	27.3	307	eP	23 41 16.1	-0.4			LSA	9.2	269	P	18 17 23.2	-0.6		
LZH	37.5	301	eP	23 42 45.0	0.2			GTA	9.3	351	eP	18 17 25.2	0.7		
WMQ	51.0	309	eP	23 44 32.1	0.4						LE		M <sub>g</sub> = 4.1	8.0	0.73
DEC 2d 14h 30m 20.5 $\pm$ 0.23s, SD2.51 / 12 22.86 N $\pm$ 2.62km, 100.02 E $\pm$ 1.86km, h8 $\pm$ 0.75km Burma-China border region (297) M <sub>s</sub> 3.8 / 1, M <sub>L</sub> 3.7 / 4,															
KMI	3.4	47	-Pn	14 31 15.5	1.7			WHN	10.9	85	eP	18 17 45.0	-1.8		
			Pg	14 31 26.0	6.3						eS	18 19 45.2	-4.3		
			Sg	14 32 11.5	5.9						SMN		M <sub>L</sub> = 4.8	0.7	0.32
			SME		M <sub>L</sub> = 3.6	1.5	0.20	LSA			SME			1.0	0.48
			LN		M <sub>s</sub> = 3.8	7.0	2.00	GTA			LZ		M <sub>g</sub> = 4.1	8.0	0.85
CD2	8.7	22	eP	14 32 27.4	-2.2						LN			11.0	0.89
GTA	16.5	359	eP	14 34 17.2	2.9			BTO	12.3	31	eP	18 18 04.0	-2.3		
DEC 2d 15h 10m 44.8 $\pm$ 0.07s, SD1.44 / 29 7.25 S $\pm$ 1.82km, 107.13 E $\pm$ 1.54km, h81 $\pm$ 0.79km Java (277)															
GYA	33.5	359	P	15 17 19.8	0.6			GZH	12.6	122	eP	18 18 06.7	-3.0		
TIY	45.0	6	eP	15 18 57.2	2.7			HHC	13.2	34	eP	18 18 19.0	0.4		
GTA	46.9	352	eP	15 19 10.2	0.5						S	18 20 44.0	-2.1		
DL2	47.9	15	eP	15 19 16.5	-0.4						LN		M <sub>s</sub> = 4.3	11.0	0.73
CN2	53.5	16	P	15 19 58.6	-0.8						LE			12.0	0.85
WMQ	53.8	343	eP	15 20 02.1	0.2			QZN	13.4	145	eP	18 18 18.0	-2.2		
DEC 2d 16h 59m 13.1 $\pm$ 0.07s, SD1.47 / 19 29.62 N $\pm$ 0.90km, 81.15 E $\pm$ 0.81km, h34 $\pm$ 0.15km Nepal-India border region (309)															
LSA	8.7	87	P	17 01 19.8	-0.4			TIA	14.2	61	eP	18 18 31.8	1.1		
WMQ	15.1	18	eP	17 02 44.9	-1.2						LN		M <sub>s</sub> = 4.0	10.0	0.36
GYA	22.7	92	P	17 04 16.8	3.1			NJ2	14.8	79	-P	18 18 38.8	0.3		
CN2	37.8	56	P	17 06 27.6	-0.7						LN		M <sub>s</sub> = 4.5	14.0	1.71
DEC 2d 18h 15m 07.9 $\pm$ 0.11s, SD2.37 / 63 30.25 N $\pm$ 1.29km, 101.73 E $\pm$ 1.19km, h15 $\pm$ 0.08km Sichuan Province (307) M <sub>s</sub> 4.4 / 18, M <sub>L</sub> 4.4 / 10,															
CD2	1.9	69	Pn	18 15 43.1	3.2			BJI	15.3	46	eP	18 18 46.0	0.6		
			Pg	18 15 44.3	3.4			SSE	16.8	82	-P	18 19 07.5	3.4		
			Sg	18 16 08.5	2.0						LN		M <sub>s</sub> = 4.6	10.0	0.98
			SMN		M <sub>L</sub> = 4.5	0.6	5.42				LE			8.0	0.47
			SME			0.6	4.21	WMQ	17.5	324	eP	18 19 15.2	1.3		
KMI	5.2	170	+Pn	18 16 29.0	3.2			SNY	21.0	51	eP	18 19 57.8	3.8		
			Sn	18 17 26.0	-1.2			KSH	23.0	301	eP	18 20 16.0	1.9		
			SMN		M <sub>L</sub> = 4.4	1.6	0.40	CN2	23.2	48	eP	18 20 16.0	0.8		
			SME			1.6	0.50	MDJ	26.2	49	eP	18 20 44.5	0.2		
			LN		M <sub>g</sub> = 4.4	7.0	3.10	DEC 2d 19h 20m 55.6 $\pm$ 0.10s, SD2.48 / 20 30.26 N $\pm$ 0.98km, 101.81 E $\pm$ 1.02km, h15 $\pm$ 0.11km Sichuan Province (307) M <sub>s</sub> 3.7 / 1, M <sub>L</sub> 3.7 / 10,							
			LE			9.0	2.30	CD2	1.8	68	Pn	19 21 29.0	2.3		
GYA	5.8	130	Pn	18 16 35.8	2.3						Pg	19 21 30.0	2.4		
			Sn	18 17 42.4	1.1						Sg	19 21 54.3	1.9		
			Sg	18 18 12.6	4.2						SMN		M <sub>L</sub> = 3.6	1.0	0.57
											SME			1.0	0.59
								GYA	5.7	130	Pn	19 22 22.0	1.5		
											Sn	19 23 29.2	1.4		
											Sg	19 23 57.8	3.2		
											SMN		M <sub>L</sub> = 3.7	1.0	0.080



				M <sub>S</sub> 4.6 / 32, M <sub>L</sub> 4.6 / 10, m <sub>B</sub> 5.4 / 1,			
		pP	08 49 13.0	0.6			
		LN	M <sub>S</sub> =4.2	14.0	0.38	QZH	6.5 343 eP 16 43 31.7 -3.3
		LZ	M <sub>S</sub> =4.0	20.0	0.47		SMN M <sub>L</sub> =4.4 0.4 0.15
TIA	24.0 262	P	08 49 02.5	-0.3			SME 0.4 0.29
NJ2	24.9 252	+P	08 49 14.5	2.8			LE M <sub>S</sub> =4.1 14.0 2.42
HHC	26.3 276	eP	08 49 25.0	0.3			LZ M <sub>S</sub> =4.0 20.0 2.24
TIY	26.8 269	+P	08 49 30.4	1.4		GZH	8.1 303 -P 16 43 54.8 -3.3
BTO	27.5 277	eP	08 49 34.2	-1.4			pP 16 44 01.4 -3.4
WHN	28.9 254	eP	08 49 50.0	1.5			S 16 45 23.0 -6.8
		pP	08 49 59.5	0.3			LN M <sub>S</sub> =4.6 10.0 1.14
XAN	31.0 265	-P	08 50 11.6	5.1			LE 12.0 4.31
LZH	33.7 272	eP	08 50 30.5	0.0		QZN	10.3 273 eP 16 44 25.5 -2.6
CD2	36.3 264	eP	08 50 52.0	-0.6			S 16 46 18.4 -4.9
WMQ	42.1 292	P	08 51 41.1	0.3			SME 16.0 3.10
DEC 3d 13h 01m 09.7±0.10s, SD1.56 / 30						SSE	12.3 2 eP 16 44 56.0 0.6
34.05 N±1.19km, 135.76 E±1.37km, h81±0.74km							sP 16 45 10.0 3.1
Near south coast of Southern Honshu (233)							LE M <sub>S</sub> =4.2 12.0 0.93
BJI	16.7 297	eP	13 05 03.0	2.5			LZ M <sub>S</sub> =4.2 20.0 1.86
TIY	19.2 288	eP	13 05 30.5	0.0		WHN	13.1 335 +P 16 45 08.0 2.1
HHC	20.3 297	eP	13 05 40.9	-1.2			eS 16 47 28.0 -3.6
XAN	22.2 278	P	13 06 02.0	1.1			LE M <sub>S</sub> =4.6 14.0 2.30
GYA	26.2 261	P	13 06 40.6	1.6			LZ M <sub>S</sub> =4.5 20.0 3.20
CD2	27.1 272	eP	13 06 46.4	-1.1		GYA	15.1 303 P 16 45 30.6 -1.4
GTA	29.2 291	eP	13 07 04.2	-1.9			pP 16 45 40.6 1.7
WMQ	38.2 299	eP	13 08 22.9	-0.5			SMN 1.2 0.10
DEC 3d 13h 26m 06.4±0.09s, SD1.08 / 81							SME 1.2 0.080
3.08 N±1.05km, 123.23 E±1.65km, h487±0.82km							LN M <sub>S</sub> =4.7 14.0 2.20
Celebes Sea (262)							LE 14.0 1.60
QZN	20.6 321	P	13 30 13.6	1.7		TIA	17.7 350 P 16 46 06.7 1.6
SSE	27.9 356	-P	13 31 18.0	-0.3			LN M <sub>S</sub> =4.7 17.0 1.50
		LE			12.0 0.29		LE 14.0 1.20
GYA	28.2 327	P	13 31 20.6	0.2		KMI	17.8 294 -P 16 46 08.0 0.8
WHN	28.6 344	P	13 31 28.5	4.6			pP 16 46 19.0 4.7
NJ2	29.1 352	+P	13 31 29.5	0.9			LE M <sub>S</sub> =4.9 13.0 2.70
CD2	33.2 328	eP	13 32 03.8	0.0			LZ M <sub>S</sub> =4.9 18.0 5.50
TIA	33.4 351	P	13 32 04.8	-0.7		XAN	18.5 328 P 16 46 14.8 -0.6
XAN	33.6 338	P	13 32 05.8	-0.8			PP 16 46 33.8 3.1
DL2	35.7 358	eP	13 32 23.8	-0.5			LN M <sub>S</sub> =4.6 12.5 0.79
TIY	35.9 345	+iP	13 32 26.0	0.2			LE 12.5 0.89
		sP	13 34 46.0	-1.5		CD2	19.6 312 eP 16 46 27.8 0.3
		S	13 37 30.0	0.9			S 16 49 58.0 -2.7
BJI	37.3 351	+iP	13 32 37.5	-0.4			LE M <sub>S</sub> =5.0 12.0 2.47
		ScP	13 37 45.0	0.4		DL2	20.1 2 eP 16 46 35.0 1.6
LZH	37.4 334	P	13 32 39.5	0.8			eS 16 50 13.0 0.0
		ScP	13 37 47.5	2.7			LN M <sub>S</sub> =4.6 13.0 1.15
SNY	38.6 0	+iP	13 32 47.5	-0.6			LZ M <sub>S</sub> =4.0 24.0 0.75
HHC	39.0 346	+iP	13 32 52.1	0.1		TIY	20.2 341 eP 16 46 35.5 0.6
BTO	39.2 344	P	13 32 52.5	-0.9			S 16 50 08.5 -6.6
LSA	40.3 314	P	13 33 04.3	1.6			sS 16 50 25.0 -2.6
		iS	13 38 38.0	1.3			LN M <sub>S</sub> =4.6 14.0 1.21
		SME			3.0 0.30	BJI	21.6 350 eP 16 46 48.0 -0.6
CN2	40.6 2	-P	13 33 03.4	-1.1			eS 16 50 38.0 -3.2
MDJ	41.7 7	+P	13 33 13.6	-0.1			LN M <sub>S</sub> =4.4 17.0 0.89
GTA	42.0 333	+iP	13 33 15.7	0.1			LZ M <sub>S</sub> =4.6 18.0 1.80
		PcP	13 35 00.0	0.1		LZH	22.8 323 eP 16 47 03.0 2.1
		ScP	13 38 04.0	1.5			pP 16 47 14.0 4.7
		ScS	13 42 21.0	-0.3			S 16 51 06.0 3.1
WMQ	51.3 327	P	13 34 26.7	-0.4			SMN m <sub>B</sub> =5.4 6.0 0.67
		ScP	13 38 43.5	2.0			LN M <sub>S</sub> =4.6 22.0 1.37
		S	13 41 09.0	0.9			LE 24.0 1.10
KSH	56.1 317	P	13 35 02.0	0.6		SNY	23.1 5 +iP 16 47 03.6 -0.4
		S	13 42 17.0	5.4			eS 16 51 05.0 -4.5
DEC 3d 16h 41m 59.2±0.11s, SD2.10 / 89							LN M <sub>S</sub> =4.7 18.0 1.19
18.74 N±1.75km, 120.72 E±1.87km, h31±1.45km							LE 16.0 0.69
Luzon (249)							LZ M <sub>S</sub> =4.3 22.0 1.13
						HHC	23.4 342 P 16 47 08.6 2.0
							LE M <sub>S</sub> =4.6 16.0 1.20











DEC 4d 13h 59m 21.9 ± 0.08s, SD1.93 / 23 31.58 N ± 0.88km, 113.71 E ± 0.67km, h12 ± 0.17km Eastern China (664) M <sub>L</sub> 3.4 / 20,					LZH	22.7	296	eP	18 28 43.0	-1.2		
WHN	1.2	152	+Pg	13 59 45.0	2.2							
			Sg	13 59 59.0	0.1							
			SMN		M <sub>L</sub> = 3.7	0.4	1.43					
			SME			0.4	1.70					
NJ2	4.4	83	+Pg	14 00 40.8	1.0							
			Sg	14 01 35.8	-4.1							
			SMN		M <sub>L</sub> = 3.6	0.4	0.12					
			SME			0.4	0.080					
XAN	4.7	303	Pn	14 00 32.7	-0.7							
			Pg	14 00 48.0	2.8							
			Sg	14 01 50.0	0.3							
			SMN		M <sub>L</sub> = 3.5	0.8	0.080					
			SME			0.8	0.070					
TIA	5.4	31	ePn	14 00 45.6	2.6							
			Sg	14 02 10.6	-1.1							
			SMN		M <sub>L</sub> = 3.1	1.3	0.010					
			SME			1.0	0.030					
			SMZ		M <sub>L</sub> = 3.3	0.8	0.022					
SSE	6.4	92	Pg	14 01 18.5	3.2							
			Sg	14 02 41.0	-1.9							
			SMN		M <sub>L</sub> = 3.4	1.0	0.023					
GYA	8.0	232	P	14 01 22.0	0.7							
DEC 4d 18h 23m 50.2 ± 0.09s, SD1.61 / 65 28.58 N ± 1.52km, 129.21 E ± 1.47km, h99 ± 0.91km Ryukyu Islands (238) m <sub>b</sub> 5.1 / 1,					LZH	22.7	296	eP	18 28 43.0	-1.2		
SSE	7.4	292	+P	18 25 36.5	-0.9							
			PMZ		m <sub>b</sub> = 5.1	1.0	0.066					
			sP	18 26 05.0	2.1							
			eS	18 26 54.0	-6.4							
			LN			6.0	1.65					
			LZ			20.0	0.47					
NJ2	9.6	294	+P	18 26 08.2	1.2							
			S	18 27 50.0	-3.6							
			LN			6.0	0.88					
			LE			6.0	0.63					
QZH	10.2	252	eP	18 26 12.5	-2.1							
DL2	12.1	330	eP	18 26 41.0	0.8							
			eS	18 28 54.0	0.8							
TIA	12.7	310	eP	18 26 49.7	0.8							
WHN	13.1	282	eP	18 26 54.0	0.5							
SNY	14.0	342	eP	18 27 06.6	1.4							
CN2	15.5	350	P	18 27 28.0	3.6							
BJI	15.7	320	eP	18 27 27.0	0.1							
MDJ	16.0	1	eP	18 27 35.0	4.0							
TIY	16.7	307	eP	18 27 41.0	1.1							
			sP	18 28 09.0	0.1							
			S	18 30 47.0	6.0							
			LN			10.0	0.36					
			LZ			26.0	0.71					
XAN	18.2	293	+iP	18 27 56.2	-1.3							
			S	18 31 20.0	7.1							
HHC	18.9	315	P	18 28 05.4	-0.9							
BTO	19.8	312	eP	18 28 14.2	-1.1							
			pP	18 28 31.0	-2.5							
			S	18 31 46.0	-1.2							
			LN			12.0	0.20					
			LE			12.0	0.30					
QZN	20.1	246	P	18 28 19.2	0.9							
GYA	20.1	269	P	18 28 19.2	0.5							
CD2	22.2	282	eP	18 28 40.8	1.1							
			S	18 32 36.0	3.8							
			sS	18 33 12.0	4.3							
DEC 4d 19h 43m 09.3 ± 0.11s, SD2.04 / 50 25.19 N ± 1.89km, 95.04 E ± 1.17km, h90 ± 0.34km Burma-India border region (294)					LZH	22.7	296	eP	18 28 43.0	-1.2		
LSA	5.7	323	P	19 44 37.2	4.1							
			S	19 45 41.0	4.2							
			SME					0.9	1.16			
KMI	7.0	89	-P	19 44 53.5	2.5							
CD2	9.6	52	eP	19 45 27.2	1.0							
GYA	10.5	81	P	19 45 42.2	2.9							
LZH	13.2	33	eP	19 46 12.0	-3.1							
GTA	14.7	15	eP	19 46 34.8	0.3							
XAN	14.9	51	eP	19 46 33.3	-3.7							
TIY	19.4	46	+P	19 47 30.6	0.2							
WMQ	19.5	344	eP	19 47 36.0	3.8							
BTO	19.8	36	eP	19 47 32.9	-2.4							
DEC 4d 21h 42m 43.2 ± 0.13s, SD1.72 / 41 20.08 N ± 1.68km, 121.94 E ± 2.22km, h24 ± 0.66km Philippine Islands region (248) M <sub>S</sub> 4.1 / 5, M <sub>L</sub> 3.8 / 3,					QZH	5.7	328	ePn	21 44 10.5	3.0		
			LE					M <sub>S</sub> = 3.5	9.0	0.46		
QZN	11.5	267	eP	21 45 26.4	-2.2							
			S	21 47 35.2	-1.3							
			LN					M <sub>S</sub> = 4.0	15.0	0.90		
WHN	12.5	328	eP	21 45 41.0	-1.4							
GYA	15.4	297	P	21 46 21.0	-0.1							
XAN	18.1	323	eP	21 46 55.2	0.3							
KMI	18.4	289	+P	21 47 02.0	2.7							
TIY	19.4	337	+iP	21 47 11.4	0.5							
			sP	21 47 23.5	2.1							
			LE					M <sub>S</sub> = 4.5	16.0	1.29		
			LZ					M <sub>S</sub> = 4.0	16.0	0.48		
CD2	19.6	307	eP	21 47 13.6	0.6							
BJI	20.5	347	eP	21 47 21.5	-1.0							
LZH	22.5	319	eP	21 47 44.5	1.6							
HHC	22.5	339	eP	21 47 44.2	1.2							
BTO	22.9	336	eP	21 47 49.0	2.7							
			epP	21 47 57.0	3.4							
			eS	21 51 54.0	3.9							
GTA	27.1	320	eP	21 48 26.4	-0.2							
DEC 4d 22h 56m 43.7 ± 0.09s, SD1.28 / 44 22.03 S ± 2.91km, 69.18 E ± 2.27km, h8 ± 0.45km Mid-Indian Rise (429) M <sub>S</sub> 5.0 / 3,					KMI	57.1	37	-P	23 06 35.0	1.3		
GYA	60.3	39	P	23 06 56.6	0.3							
KSH	61.5	6	eP	23 07 04.0	-0.5							
			eS	23 15 26.0	0.7							
			LE					M <sub>S</sub> = 5.0	12.0	0.40		
CD2	62.2	33	eP	23 07 08.7	-0.2							
LZH	66.4	30	eP	23 07 36.0	-0.6							
XAN	67.4	35	eP	23 07 41.5	-0.9							
GTA	67.5	25	eP	23 07 42.4	-0.8							
WMQ	67.7	14	P	23 07 43.5	-0.9							
			S	23 16 40.0	0.4							
			LZ						2.0	0.76		
WHN	67.9	41	P	23 07 50.5	4.7							
TIY	72.0	35	eP	23 08 11.5	0.6							
			S	23 17 36.0	5.7							
			LZ					M <sub>S</sub> = 5.0	18.0	0.73		



BTO	73.0	31	eP	23 08 18.2	1.6		
TIA	73.5	39	eP	23 08 20.4	0.6		
HHC	73.9	32	P	23 08 22.8	0.7		
BJI	75.7	35	eP	23 08 32.5	0.2		
			LZ			$M_s=4.9$	23.0 0.64
CN2	83.3	37	P	23 09 13.0	-0.5		

DEC 5d 00h 34m  $03.4 \pm 0.24s$ , SD2.87 / 8  
 $36.29 N \pm 0.46km$ ,  $81.06 E \pm 1.16km$ ,  $h10 \pm 2.08km$   
 Kashmir-Tibet border region (304)  
 $M_L 4.1 / 5$ ,

KSH	5.2	310	Pu	00 35 21.5	-0.1		
			Pg	00 35 34.5	-0.5		
			Su	00 36 18.0	-5.5		
			SMN			$M_L=4.3$	0.5 0.30
			SME				0.8 0.30

DEC 5d 06h 17m  $38.7 \pm 0.13s$ , SD2.02 / 30  
 $20.66 N \pm 2.02km$ ,  $93.62 E \pm 1.39km$ ,  $h80 \pm 0.94km$   
 Burma (296)  
 $M_S 4.0 / 1$ ,

LSA	9.3	347	P	06 19 50.9	-1.4		
			S	06 21 34.2	-1.0		
KMI	9.5	60	eP	06 19 59.0	3.7		
GYA	13.3	62	P	06 20 46.6	1.0		
GTA	19.4	15	eP	06 21 59.0	-2.7		

DEC 5d 10h 00m  $58.6 \pm 0.29s$ , SD2.85 / 33  
 $20.03 N \pm 2.59km$ ,  $121.99 E \pm 3.95km$ ,  $h25 \pm 0.66km$   
 Philippine Islands region (248)  
 $M_S 4.3 / 8$ ,

SSE	11.0	356	eP	10 03 33.5	-4.9		
			LN			$M_S=4.0$	10.0 0.59
			LZ			$M_S=3.9$	10.0 0.48
QZN	11.5	267	eP	10 03 40.2	-4.3		
			eS	10 05 53.0	-0.1		
			LN			$M_S=4.1$	14.0 1.00
GYA	15.5	297	P	10 04 38.4	1.2		
XAN	18.1	323	P	10 05 14.6	3.6		
KMI	18.5	289	eP	10 05 18.5	3.3		
DL2	18.8	359	eP	10 05 22.0	2.8		
TIY	19.5	337	eP	10 05 24.6	-2.3		
			LN			$M_S=4.6$	11.0 0.51
			LE				14.0 0.92
			LZ			$M_S=4.3$	14.0 0.95
CD2	19.7	307	eP	10 05 27.0	-2.0		
BJI	20.6	347	eP	10 05 38.0	-0.4		
LZH	22.6	319	eP	10 06 00.0	1.1		
HHC	22.6	339	eP	10 06 02.8	3.9		
BTO	22.9	336	eP	10 06 04.0	1.8		
			sP	10 06 09.0	-4.3		
			LN			$M_S=4.7$	10.0 0.40
			LE				10.0 0.80
GTA	27.1	320	eP	10 06 44.7	2.2		

DEC 5d 10h 44m  $48.5 \pm 0.08s$ , SD1.47 / 17  
 $6.93 S \pm 1.22km$ ,  $123.45 E \pm 2.37km$ ,  $h612 \pm 0.28km$   
 Flores Sea (279)

SSE	37.9	357	P	10 51 16.5	-0.4		
WHN	38.3	347	P	10 51 24.0	3.9		
NJ2	39.0	354	+P	10 51 26.3	0.2		

DEC 5d 11h 21m  $53.5 \pm 0.06s$ , SD1.03 / 55  
 $6.92 S \pm 1.05km$ ,  $123.31 E \pm 1.72km$ ,  $h612 \pm 0.23km$   
 Flores Sea (279)  
 $m_B 5.6 / 2$ ,

SSE	37.9	357	iP	11 28 22.0	0.3		
WHN	38.2	347	P	11 28 25.0	0.3		

			sP	11 31 18.0	3.0		
			S	11 33 42.0	4.7		
			SMN			$m_B=5.4$	4.0 0.82
			PcS	11 34 14.0	4.4		
NJ2	39.0	354	-iP	11 28 31.6	0.8		
			PcP	11 30 26.0	0.8		
			PcS	11 34 15.0	2.5		
CD2	42.0	335	eP	11 28 55.4	0.3		
XAN	43.0	342	-iP	11 29 01.8	-0.6		
TIY	45.5	348	-P	11 29 21.4	-1.0		
LZH	46.5	338	P	11 29 30.5	0.6		
BJI	47.2	353	eP	11 29 34.0	-0.7		
LSA	47.8	321	+iP	11 29 41.4	1.9		
			SME			$m_B=5.8$	4.0 1.33
CN2	50.5	2	P	11 29 57.8	-1.6		
GTA	51.0	337	-iP	11 30 02.5	-0.4		
WMQ	59.9	331	P	11 31 04.2	0.0		

DEC 5d 11h 22m  $06.6 \pm 0.10s$ , SD1.34 / 58  
 $6.97 S \pm 1.46km$ ,  $123.41 E \pm 2.31km$ ,  $h625 \pm 0.60km$   
 Flores Sea (279)  
 $m_B 5.4 / 3$ ,

QZN	29.1	333	eP	11 27 21.0	-0.1		
			PcP	11 30 06.7	-1.5		
			eS	11 31 30.5	-2.1		
GYA	37.0	335	P	11 28 27.8	0.7		
			PcP	11 30 31.8	1.1		
			ScP	11 33 21.0	2.5		
			S	11 33 29.0	-2.0		
			ScS	11 37 30.0	2.1		
KMI	37.7	328	eP	11 28 35.0	1.9		
SSE	37.9	357	+iP	11 28 34.5	0.0		
			eS	11 33 48.0	2.7		
			ScS	11 37 40.0	6.8		
WHN	38.3	347	eP	11 28 42.0	4.4		
			PcP	11 30 39.0	4.1		
			ScS	11 37 40.0	4.5		
NJ2	39.0	354	-iP	11 28 44.2	0.6		
CD2	42.1	334	-iP	11 29 08.0	-0.1		
			S	11 34 42.0	-2.6		
XAN	43.0	342	-iP	11 29 14.2	-1.1		
TIA	43.4	353	-P	11 29 16.3	-1.4		
DL2	45.7	358	eP	11 29 34.4	-1.1		
			eS	11 35 30.0	-5.5		
LZH	46.6	338	P	11 29 43.5	0.7		
			eS	11 35 48.0	-0.8		
			SME			$m_B=5.4$	6.0 0.90
BJI	47.2	352	eP	11 29 46.5	-0.9		
			PcP	11 31 06.0	0.4		
			ScP	11 34 01.0	1.4		
			eS	11 36 02.0	4.8		
LSA	47.9	321	+iP	11 29 51.4	-1.1		
			pP	11 31 44.0	1.6		
			S	11 36 03.0	-1.5		
			SME			$m_B=5.8$	4.0 1.33
SNY	48.6	0	-iP	11 29 56.0	-1.2		
BTO	48.9	346	eP	11 29 58.0	-2.0		
CN2	50.6	2	-iP	11 30 10.4	-1.6		
			ScP	11 34 16.0	2.3		
			eS	11 36 40.0	-2.2		
GTA	51.1	337	-iP	11 30 15.4	-0.3		
			PcP	11 31 23.3	3.6		
			ScP	11 34 15.7	-0.1		
			S	11 36 46.2	-1.5		
			ScS	11 38 54.2	-3.6		
MDJ	51.6	6	-iP	11 30 19.7	0.0		
WMQ	60.0	331	P	11 31 16.5	-0.5		
			pP	11 33 17.7	1.6		



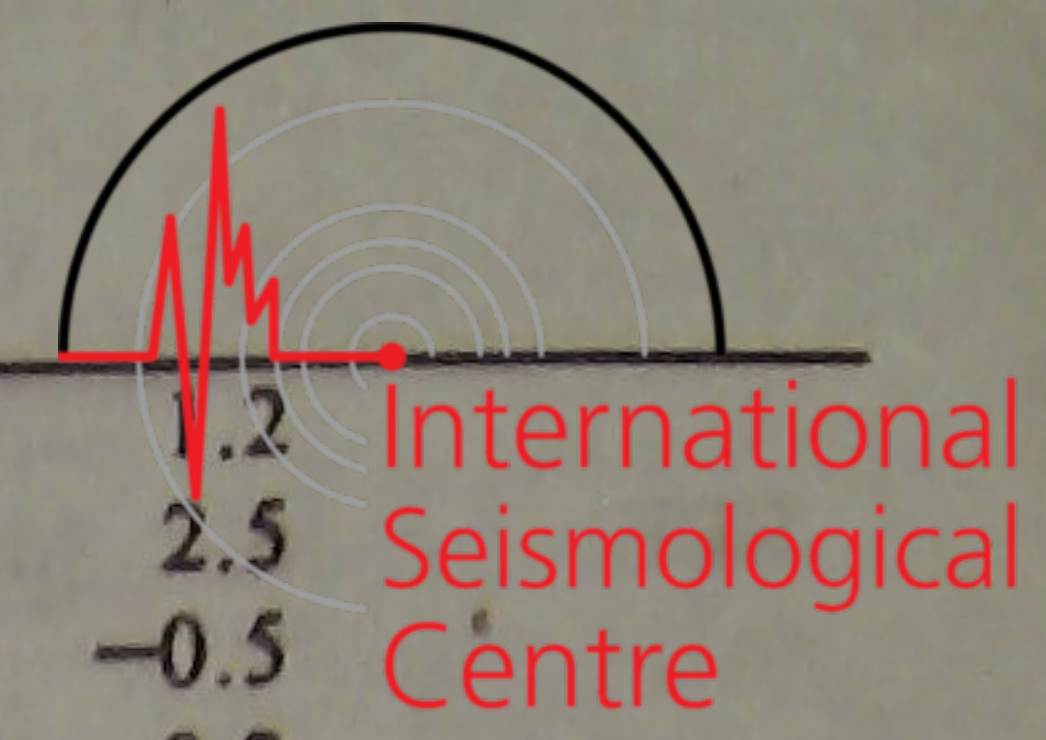
KSH	63.7	321	eP	11 31 41.5	0.3		
			epP	11 33 45.0	2.4		
			eS	11 39 31.0	1.1		
<p>DEC 5d 11h 22m 19.5 ± 0.06s, SD1.29 / 21                  7.03 S ± 0.87km, 123.28 E ± 1.79km, h622 ± 0.61km                  Flores Sea (279)                  m<sub>B</sub>5.8 / 1,</p>							
GYA	37.0	335	-P	11 28 42.0	1.8		
			PcP	11 30 45.0	1.0		
			S	11 33 42.4	-1.9		
			ScS	11 37 43.4	2.0		
KMI	37.7	329	eP	11 28 45.0	-1.1		
SSE	38.0	357	+iP	11 28 47.8	-0.2		
XAN	43.1	342	P	11 29 27.1	-1.5		
BJI	47.3	353	eP	11 29 59.0	-1.9		
			PcP	11 31 19.0	0.0		
			ScP	11 34 15.0	1.6		
LSA	47.8	321	+iP	11 30 05.4	0.0		
			PP	11 32 04.0	-2.5		
			SME	m <sub>B</sub> = 5.8	4.0	1.33	
<p>DEC 5d 14h 52m 00.8 ± 0.05s, SD2.87 / 5                  38.71 N ± 0.57km, 99.45 E ± 0.51km, h13 ± 0.20km                  Qinghai Province (325)                  M<sub>L</sub>3.2 / 3,</p>							
GTA	0.8	22	-iPg	14 52 13.4	-1.1		
			Sg	14 52 24.6	-0.2		
<p>DEC 5d 16h 05m 31.9 ± 0.12s, SD1.26 / 82                  15.36 S ± 2.04km, 173.46 W ± 1.87km, h36 ± 0.46km                  Tonga (173)                  M<sub>S</sub>6.0 / 27, m<sub>B</sub>6.2 / 22,</p>							
QZH	77.4	300	eP	16 17 26.0	0.4		
			pP	16 17 40.0	4.2		
			S	16 27 08.0	-3.0		
			LZ	M <sub>S</sub> = 5.7	36.0	6.21	
SSE	77.9	307	P	16 17 24.0	-4.4		
			pP	16 17 42.0	3.4		
			sP	16 17 47.0	4.2		
			S	16 27 16.0	-0.5		
			SMN	m <sub>B</sub> = 5.9	10.0	0.73	
			SME		11.0	0.78	
			sS	16 27 38.0	2.9		
			LE	M <sub>S</sub> = 5.6	16.0	1.62	
			LZ	M <sub>S</sub> = 5.7	26.0	4.94	
MDJ	79.0	322	+P	16 17 33.5	-0.8		
			pP	16 17 48.5	4.0		
			sP	16 17 54.0	5.3		
			SKS	16 27 45.0	4.3		
			LZ	M <sub>S</sub> = 5.8	35.0	8.62	
NJ2	80.1	307	+P	16 17 42.2	1.7		
			S	16 27 38.0	-1.7		
			LN	M <sub>S</sub> = 5.8	19.0	1.87	
			LE		20.0	2.29	
CN2	81.0	320	+P	16 17 44.5	-0.9		
			PMZ	m <sub>B</sub> = 6.2	6.0	1.80	
			pP	16 17 56.5	1.0		
			eS	16 27 50.0	-1.0		
			LN	M <sub>S</sub> = 6.0	20.0	4.80	
			LZ	M <sub>S</sub> = 6.0	26.0	9.50	
DL2	81.1	314	eP	16 17 46.0	0.2		
			epP	16 17 59.0	3.0		
			sP	16 18 04.0	3.8		
			eS	16 27 52.0	0.1		
			SMN	m <sub>B</sub> = 6.6	11.0	4.28	
			SME		13.0	2.75	
			esS	16 28 14.0	4.9		

			LN	M <sub>S</sub> = 6.0	24.0	5.57	
			LZ	M <sub>S</sub> = 5.7	27.0	4.27	
GZH	81.1	297	eP	16 17 43.3	-2.6		
			eS	16 27 55.0	2.9		
			LZ	M <sub>S</sub> = 5.6	38.0	5.80	
SNY	81.2	318	+P	16 17 46.0	-0.3		
			pP	16 17 58.0	1.5		
			sP	16 18 04.0	3.3		
			S	16 27 57.0	5.7		
			SMN	m <sub>B</sub> = 6.5	11.0	3.29	
			SME		10.0	2.23	
			LN	M <sub>S</sub> = 6.0	34.0	3.43	
			LE		30.0	6.12	
			LZ	M <sub>S</sub> = 5.9	30.0	7.56	
QZN	82.8	292	P	16 17 54.5	-0.3		
			PP	16 21 05.0	-1.1		
			S	16 28 06.0	-1.9		
			SKS	16 28 11.0	2.9		
			LE	M <sub>S</sub> = 5.9	24.0	4.40	
WHN	83.0	304	eP	16 17 55.5	-0.2		
			S	16 28 14.0	4.2		
			SMN	m <sub>B</sub> = 6.3	12.0	3.17	
			LE	M <sub>S</sub> = 6.0	24.0	4.50	
			LZ	M <sub>S</sub> = 5.7	24.0	4.20	
TIA	83.1	310	-P	16 17 56.3	0.0		
			pP	16 18 08.5	1.9		
			S	16 28 15.0	4.1		
			SMN	m <sub>B</sub> = 6.3	11.0	2.38	
			SME		11.0	1.35	
			LE	M <sub>S</sub> = 5.8	17.0	2.21	
			LZ	M <sub>S</sub> = 5.3	33.0	2.37	
BJI	85.4	313	+P	16 18 08.0	0.4		
			PMZ	m <sub>B</sub> = 6.1	4.0	0.73	
			pP	16 18 21.0	3.1		
			eSKS	16 28 28.0	2.6		
			eS	16 28 36.0	1.0		
			eSS	16 34 10.0	-2.0		
			LN	M <sub>S</sub> = 5.3	16.0	0.63	
			LZ	M <sub>S</sub> = 5.8	24.0	4.88	
TIY	87.2	310	eP	16 18 16.6	0.1		
			PMZ	m <sub>B</sub> = 6.1	7.0	1.23	
			pP	16 18 29.5	2.9		
			sP	16 18 36.0	5.2		
			SKS	16 28 40.5	3.3		
			LE	M <sub>S</sub> = 6.1	26.0	6.35	
			LZ	M <sub>S</sub> = 6.0	26.0	7.05	
GYA	88.0	298	+P	16 18 21.0	0.7		
			sP	16 18 37.0	2.3		
			SKS	16 28 46.0	3.8		
XAN	88.6	306	+P	16 18 22.7	-0.4		
			sP	16 18 39.0	1.5		
			PP	16 21 58.0	5.2		
			LN	M <sub>S</sub> = 5.9	20.0	2.78	
HHC	89.0	313	P	16 18 24.8	-0.2		
			LZ	M <sub>S</sub> = 5.8	35.0	7.20	
BTO	90.0	312	P	16 18 31.0	1.2		
			pP	16 18 44.0	4.0		
			ePP	16 22 07.0	2.9		
			SKS	16 28 57.0	2.6		
			S	16 29 17.0	0.7		
			LN	M <sub>S</sub> = 5.8	20.0	2.00	
			LE		18.0	1.30	
KMI	91.0	296	+P	16 18 35.6	1.0		
			pP	16 18 40.0	-4.7		
			eSKS	16 29 04.0	3.7		
			S	16 29 32.0	6.8		
			LE	M <sub>S</sub> = 5.8	20.0	2.30	
			LZ	M <sub>S</sub> = 5.8	36.0	6.50	

CD2	91.7	301	eP	16 18 39.6	1.6				BJI	27.0	353	eP	21 36 54.0	-0.5			
			SKS	16 29 07.0	2.3				SNY	28.7	5	-IP	21 37 08.7	-1.3			
			S	16 29 35.0	2.9				CN2	30.9	7	P	21 37 30.0	0.8			
			LZ			$M_s = 5.6$	32.0	3.57	GTA	31.7	329	eP	21 37 39.8	2.9			
LZH	93.2	306	eP	16 18 45.0	0.4				MDJ	32.4	13	eP	21 37 41.0	-1.3			
			PMZ			$m_B = 5.9$	7.0	0.42	WMQ	41.3	324	eP	21 38 58.4	0.4			
			sP	16 19 00.0	1.1				DEC 6d 08h 42m $40.1 \pm 0.14s$ , SD1.88 / 37								
			eSKS	16 29 10.0	-2.8				19.62 N $\pm 1.59km$ , 120.11 E $\pm 0.91km$ , h17 $\pm 1.56km$								
			SME			$m_B = 5.7$	11.0	0.66	Philippine Islands region (248)								
			LZ			$M_s = 6.0$	40.0	11.1	$M_s 4.3 / 2$ , $M_L 3.8 / 10$ ,								
GTA	97.1	309	eP	16 19 01.6	-1.0				QZH	5.5	345	ePn	08 44 02.0	0.6			
			SKS	16 29 30.0	-3.9							Sn	08 44 59.3	-6.9			
			S	16 30 24.0	5.8							SMN		$M_L = 3.5$	0.3	0.040	
			LE			$M_s = 6.1$	20.0	4.27				SME			0.3	0.060	
			LZ			$M_s = 6.0$	27.0	6.40	GZH	7.2	300	+Pn	08 44 25.5	0.6			
LSA	102.0	298	eP	16 19 25.0	-0.2							Sn	08 45 52.8	4.3			
			SKS	16 30 02.0	3.3							SMN		$M_L = 4.0$	0.8	0.050	
			S	16 31 01.0	1.5							SME			1.0	0.080	
			SME			$m_B = 6.1$	7.0	0.47	QZN	9.7	268	eP	08 45 00.0	-2.4			
KSH	115.4	307	ePKP	16 24 13.0	1.9				TIY	19.2	341	eP	08 47 06.9	0.4			
			ePP	16 25 15.0	-1.4							LN		$M_s = 4.4$	15.0	0.88	
			SKS	16 31 20.0	3.4							LZ		$M_s = 4.1$	16.0	0.71	
			LE			$M_s = 6.2$	13.0	2.60	BJI	20.6	351	eP	08 47 21.0	-0.6			
			LZ			$M_s = 5.9$	24.0	3.50	LZH	21.8	322	P	08 47 34.5	1.1			
DEC 5d 16h 35m $32.3 \pm 0.06s$ , SD1.42 / 20									HHC	22.4	343	eP	08 47 40.1	0.6			
24.63 S $\pm 1.61km$ , 178.74 E $\pm 1.42km$ , h575 $\pm 0.43km$									BTO	22.6	340	eP	08 47 43.1	1.2			
South of Fiji (171)									CN2	24.5	9	eP	08 47 59.0	-1.2			
CN2	83.8	324	eP	16 47 04.0	0.4				MDJ	26.1	15	eP	08 48 14.0	-1.7			
TIY	87.8	313	eP	16 47 24.0	1.0				DEC 6d 13h 20m $40.2 \pm 0.14s$ , SD1.55 / 100								
DEC 5d 18h 21m $36.0 \pm 0.12s$ , SD2.74 / 11									29.97 N $\pm 2.50km$ , 51.54 E $\pm 1.64km$ , h9 $\pm 0.12km$								
34.29 N $\pm 1.08km$ , 101.14 E $\pm 1.43km$ , h12 $\pm 0.30km$									Southern Iran (353)								
Qinghai Province (325)									$M_s 6.0 / 46$ , $m_B 5.9 / 15$ ,								
$M_L 3.2 / 6$ ,									KSH	22.1	58	eP	13 25 39.5	1.3			
CD2	4.0	146	ePg	18 22 48.5	1.2							eS	13 29 38.0	0.7			
GTA	5.2	349	Pg	18 23 10.8	2.4							LN		$M_s = 6.3$	13.0	47.8	
			Sn	18 23 57.2	0.8							LZ		$M_s = 5.9$	16.0	31.4	
			Sg	18 24 16.8	-2.6				WMQ	31.8	54	eP	13 27 09.0	1.4			
			SMN			$M_L = 3.1$	0.7	0.016				PMZ		$m_B = 6.0$	4.0	0.94	
			SME				0.7	0.021				S	13 32 16.0	0.1			
XAN	6.5	90	Pg	18 23 33.5	3.4							LN		$M_s = 6.3$	18.0	30.5	
			Sg	18 24 53.5	-4.7							LE			14.0	10.2	
			SMN			$M_L = 3.2$	0.6	0.020				LZ		$M_s = 5.6$	24.0	13.5	
			SME				0.6	0.010	LSA	34.2	80	P	13 27 29.8	0.4			
DEC 5d 21h 31m $14.4 \pm 0.11s$ , SD1.88 / 60												LN		$M_s = 6.1$	21.0	24.4	
13.16 N $\pm 1.91km$ , 120.18 E $\pm 2.46km$ , h44 $\pm 0.76km$									GTA	40.4	63	P	13 28 21.1	0.4			
Philippine Islands region (248)												pP	13 28 25.0	-1.0			
$M_s 4.4 / 3$ , $m_B 4.8 / 1$ ,												PP	13 29 50.0	-6.9			
QZN	11.5	302	P	21 33 58.2	-1.0							S	13 34 28.5	0.6			
			eS	21 36 00.0	-6.8							sS	13 34 36.0	-1.8			
			LN			$M_s = 3.9$	12.5	0.61				SS	13 37 23.0	2.3			
SSE	17.9	3	+P	21 35 21.5	-0.1							LE		$M_s = 5.9$	13.5	8.16	
WHN	18.1	344	eP	21 35 27.0	2.4							LZ		$M_s = 5.8$	15.0	9.56	
GYA	18.3	318	P	21 35 26.0	-1.3				LZH	43.8	68	eP	13 28 50.5	1.4			
NJ2	18.8	357	+P	21 35 33.0	-0.4							PMZ		$m_B = 6.1$	4.0	1.21	
KMI	20.3	308	+P	21 35 50.0	0.4							eS	13 35 21.0	0.9			
TIA	23.1	354	eP	21 36 18.3	0.6							SMN		$m_B = 6.0$	5.0	1.14	
XAN	23.2	336	eP	21 36 18.0	-0.2							LN		$M_s = 5.7$	13.0	3.48	
CD2	23.3	322	eP	21 36 19.8	0.7							LE			16.0	2.70	
TIY	25.4	346	eP	21 36 38.0	-1.8							LZ		$M_s = 5.6$	26.0	10.2	
			S	21 40 57.0	-3.1				CD2	44.7	75	eP	13 28 56.0	0.3			
			sS	21 41 23.0	3.9							S	13 35 35.0	4.1			
			LN			$M_s = 4.4$	12.0	0.42				LE		$M_s = 5.9$	14.0	6.29	
			LZ			$M_s = 4.3$	17.0	0.72				LZ		$M_s = 5.5$	20.0	6.49	
DL2	25.7	3	P	21 36 41.5	-0.7				KMI	45.4	83	eP	13 29 00.0	-1.3			
			epP	21 36 51.5	-1.5							PMZ		$m_B = 5.8$	5.0	0.70	
												S	13 35 43.0	2.5			

BTO	48.1	61	LN	$M_s = 5.8$	17.0	6.50	CN2	58.9	54	S	13 38 36.0	2.1	QZH	59.0	77	LN	$M_s = 6.2$	17.0	6.00			
			LZ	$M_s = 5.4$	20.0	4.50				LE						20.0	8.37	LN			16.0	7.20
			eP	13 29 23.8	0.8					LZ	$M_s = 5.9$					18.0	9.51	LZ	$M_s = 5.9$		16.0	7.70
			PcP	13 30 49.0	-1.0					+P	13 30 41.8	-0.5						eP	13 30 42.0	-0.9		
			PP	13 31 14.0	0.3					pP	13 30 52.5	4.8						eS	13 38 44.0	-3.9		
			PP	13 31 14.0	0.3					eS	13 38 43.0	-3.8						LN	$M_s = 5.8$	17.0	4.06	
			S	13 36 22.5	2.7					LN	$M_s = 5.5$	19.0				3.93		LZ	$M_s = 5.5$	19.0	3.93	
			eSS	13 39 42.0	-1.7					P	13 30 43.2	-0.3						LZ	$M_s = 5.6$	20.0	4.66	
XAN	48.3	70	LN	$M_s = 6.0$	13.0	3.40	SSE	59.0	70	eS	13 38 45.0	-4.0	MDJ	61.6	53	eP	13 31 01.0	0.3				
			LE		14.0	6.60				eS	13 39 20.0	-1.3										
			LZ	$M_s = 5.9$	14.0	9.90				SS	13 43 25.0	2.4										
			P	13 29 23.6	-0.7					LZ	$M_s = 5.2$	25.0				2.21						
			S	13 36 20.0	-2.3																	
			LN	$M_s = 6.1$	14.0	4.90																
			LE		14.0	6.30																
			P	13 29 24.0	-0.5																	
GYA	48.3	80	S		15.0	4.30	DEC 6d 16h 11m $33.7 \pm 0.15s$ , SD1.20 / 64															
			ScS	13 39 19.0	5.1		59.64 N $\pm 1.68km$ , 153.10 W $\pm 1.10km$ , h104 $\pm 0.87km$															
			LN	$M_s = 5.8$	15.0	4.30	Southern Alaska (2)															
			LE		15.0	2.40	MDJ	47.0	288	eP	16 19 56.0	-0.3										
			LZ	$M_s = 5.3$	22.0	3.40	CN2	49.6	290	+iP	16 20 16.7	0.2										
			eP	13 29 33.7	2.0		SNY	51.9	289	-iP	16 20 35.6	1.0										
			S	13 36 38.0	2.2		BJI	56.8	294	eP	16 21 10.5	0.2										
			LN	$M_s = 5.9$	15.0	5.13	HHC	58.3	297	P	16 21 20.6	-0.1										
HHC	49.3	60	LE		17.0	4.25	BTO	59.2	298	eP	16 21 25.8	-1.1										
			LZ	$M_s = 5.6$	22.0	7.69	TIY	60.4	295	-P	16 21 35.6	0.2										
			eP	13 29 39.8	-0.7		NJ2	62.0	286	+P	16 21 46.0	0.3										
			PP	13 31 41.0	4.8		GTA	64.6	305	P	16 22 02.4	-0.6										
			S	13 36 50.0	-1.6		XAN	65.1	295	P	16 22 05.3	-0.8										
			sS	13 37 08.0	6.1		WHN	65.4	289	eP	16 22 11.5	3.4										
			LN	$M_s = 6.0$	16.5	7.81	WMQ	65.5	316	eP	16 22 09.0	0.3										
			LZ	$M_s = 5.7$	21.0	8.01	LZH	65.7	300	eP	16 22 09.5	-0.4										
BJI	52.9	60	eP	13 29 59.0	0.1		CD2	70.1	297	eP	16 22 37.2	0.0										
			eS	13 37 27.0	0.6		GYA	72.5	292	P	16 22 52.0	0.2										
			LN	$M_s = 6.0$	18.0	8.80	LSA	76.6	306	P	16 23 17.5	2.0										
			LZ	$M_s = 5.8$	18.0	8.60	DEC 6d 17h 18m $13.5 \pm 0.05s$ , SD2.57 / 5															
			-P	13 30 05.0	0.6		44.39 N $\pm 0.48km$ , 83.72 E $\pm 0.48km$ , h17 $\pm 0.26km$															
			PcP	13 31 10.0	-0.2		Northern Xinjiang Province (332)															
			S	13 37 40.0	4.5		$M_L 3.1 / 5$ ,															
			SMN	$m_B = 5.7$	9.0	0.80	WMQ	2.9	100	Pg	17 19 06.0	0.6										
WHN	53.6	72	LN	$M_s = 5.9$	16.0	5.10			Sg	17 19 41.5	-3.8											
			LZ	$M_s = 5.8$	20.0	9.50			SMN	$M_L = 2.9$	0.5	0.050										
			eP	13 30 05.0	0.0				SME		0.5	0.050										
			eS	13 37 35.0	-2.7		DEC 6d 19h 42m $30.7 \pm 0.09s$ , SD1.89 / 20															
			sS	13 37 44.0	-2.7		1.33 S $\pm 1.92km$ , 15.23 W $\pm 1.92km$ , h10 $\pm 0.06km$															
			SS	13 41 15.0	-1.3		North of Ascension Island (407)															
			LN	$M_s = 5.6$	14.0	1.20	$M_s 6.1 / 1$ ,															
			LE		17.0	2.70	KSH	91.7	51	eP	19 55 36.0	-4.9										
TIA	54.4	65	eP	13 30 09.8	-0.4				LE	$M_s = 6.1$	16.0	3.60										
			S	13 37 53.0	6.9				LZ	$M_s = 5.9$	16.0	3.80										
			LN	$M_s = 6.0$	18.0	5.43	DEC 6d 23h 30m $53.1 \pm 0.07s$ , SD1.35 / 48															
			LE		18.0	5.22	24.92 N $\pm 1.19km$ , 123.15 E $\pm 0.75km$ , h143 $\pm 0.84km$															
			LZ	$M_s = 5.5$	19.0	4.18	Taiwan region (243)															
			P	13 30 20.0	4.1		$m_b 4.5 / 1$ ,															
			S	13 38 00.0	3.6		QZH	4.1	271	eP	23 31 54.4	-1.7										
			LN	$M_s = 6.1$	20.0	7.90			eS	23 32 40.0	-4.3											
GZH	55.2	81	LE		18.0	5.22			SMN		0.6	0.060										
			LZ	$M_s = 5.5$	19.0	4.18																
			+P	13 30 29.4	1.3																	
			S	13 38 00.0	3.6																	
			LN	$M_s = 6.1$	20.0	7.90																
			LE		20.0	4.60																
			LZ	$M_s = 5.3$	20.0	2.81																
			+P	13 30 29.4	1.3																	
NJ2	56.9	69	iS	13 38 21.5	1.2																	
			LN	$M_s = 6.0$	17.5	5.86																
			LE		16.0	3.08																
			LZ	$M_s = 6.0$	10.0	5.79	DEC 6d 23h 30m $53.1 \pm 0.07s$ , SD1.35 / 48															
			eP	13 30 34.0	3.3		24.92 N $\pm 1.19km$ , 123.15 E $\pm 0.75km$ , h143 $\pm 0.84km$															
			eS	13 38 26.0	1.0		Taiwan region (243)															
			LN	$M_s = 6.0$	15.0	3.79	$m_b 4.5 / 1$ ,															
			LE		15.0	4.78	QZH	4.1	271	eP	23 31 54.4	-1.7										
DL2	57.2	61	LZ	$M_s = 5.6$	20.0	4.82			eS	23 32 40.0	-4.3											
			eP	13 30 36.0	0.0				SMN		0.6	0.060										
SNY	58.0	57	eP	13 30 36.0	0.0																	

SSE	6.4	345	SME		0.6	0.010	BTO	48.7	68	S	07 57 04.0	-4.8						
			P	23 32 25.8	-0.3	LE					$M_S=6.9$	13.0	34.4					
			PMZ		$m_B=4.5$	0.7				0.016	LZ		$M_S=6.6$	16.0	54.5			
			eS	23 33 38.5	0.3	+P				07 50 13.0	1.3							
			SMN			1.0				0.027	pP	07 50 17.0	0.7					
WHN	9.6	308	SME		1.0	0.032	HHC	49.7	67	PP	07 52 07.0	3.1						
			eP	23 33 10.5	1.4	S				07 57 18.0	5.0							
			sP	23 33 50.0	5.5	sS				07 57 23.0	0.9							
			SMN			1.0				0.040	LN		$M_S=7.0$	13.0	49.4			
GYA	14.9	279	SME		1.0	0.020	KMI	50.7	89	LE			13.0	42.4				
			P	23 34 22.8	4.2	LZ					$M_S=6.7$	13.0	49.3					
XAN	15.4	310	P	23 34 24.3	0.7		XAN	50.8	76	+P	07 50 19.6	0.3						
BJI	16.2	340	eP	23 34 35.0	1.3					PP	07 52 13.0	-0.8						
CD2	18.1	294	P	23 34 56.7	-0.5					PMZ		$m_B=6.4$	7.0	4.39				
HHC	18.6	331	+P	23 35 03.0	0.8					S	07 57 32.0	5.3						
CN2	18.9	5	eP	23 35 06.0	0.4					SMN		$m_B=7.0$	10.0	12.0				
BTO	19.1	328	epP	23 35 28.0	-1.9					SME			11.0	16.4				
			eP	23 35 08.0	0.4	SS				08 01 01.0	5.8							
LZH	20.0	308	eP	23 35 17.0	0.2					LN		$M_S=7.0$	12.0	29.5				
MDJ	20.3	13	eP	23 35 19.5	-0.7					LE			11.0	44.3				
GTA	24.4	312	+P	23 35 59.0	-0.8					TIY	51.6	70	+P	07 50 26.0	-0.7			
WMQ	34.5	312	eP	23 37 29.0	-0.5		PcP	07 51 46.0	2.6									
DEC 7d 05h 08m 19.6±0.07s, SD2.49 / 7							GYA	52.9	85				PP	07 52 28.0	5.4			
44.43 N±0.73km, 83.74 E±0.73km, h6±0.09km													S	07 57 40.0	0.2			
Northern Xinjiang Province (332)													SS	08 01 16.0	4.5			
$M_L=3.3/7,$													LN		$M_S=6.6$	16.0	33.1	
WMQ	2.9	101	ePn	05 09 09.0	1.9								LZ		$M_S=6.6$	16.0	46.9	
			Sg	05 09 47.0	-4.2								P	07 50 26.5	-0.8			
			SMN		$M_L=3.2$	0.6							0.12	S	07 57 40.0	-1.4		
			SME			0.6							0.10	LN		$M_S=6.1$	17.0	7.45
DEC 7d 05h 58m 01.4±0.11s, SD3.03 / 8										BJI	53.2	66	LE			14.0	5.00	
41.85 N±1.05km, 88.65 E±0.62km, h15±0.32km													+P	07 50 34.0	0.0			
Southern Xinjiang Province (321)							PMZ		$m_B=6.7$				4.5	5.84				
$M_L=3.5/7,$							PcS	07 55 47.0	3.5									
WMQ	2.1	341	Pn	05 58 38.0	1.6		S	07 57 55.0	1.6									
			Sg	05 59 07.7	0.9		LN		$M_S=7.0$				14.0	67.3				
			SMN		$M_L=3.5$	0.8	0.34	LZ					$M_S=6.8$	20.0	93.4			
SME			0.6	0.32	TIA	55.7	69	P	07 50 42.0				-1.5					
DEC 7d 07h 41m 23.5±0.10s, SD1.25 / 119								sP	07 50 49.0				-1.6					
41.00 N±1.73km, 44.19 E±1.07km, h5±0.22km								LN					$M_S=7.1$	16.0	70.4			
Turkey-USSR border region (367)								LE			16.0	47.3						
KSH	24.2	83	eP	07 46 44.5				2.1		LZ		$M_S=6.5$	18.0	35.9				
			S	07 51 04.0				6.5		eP	07 50 46.0	0.2						
WMQ	32.0	70	LZ					$M_S=6.7$	16.0	206	PMZ		$m_B=6.5$	5.5	3.70			
			P	07 47 53.5				0.2		ePP	07 52 48.0	1.1						
			PMZ					$m_B=6.8$	4.0	6.70	eS	07 58 17.0	0.7					
			S	07 53 09.0				5.5		LN		$M_S=7.4$	17.0	178				
LSA	39.5	91	LN		$M_S=7.3$	13.0	276	P	07 51 02.8	-0.8								
			P	07 48 59.5	1.7		S	07 58 55.0	7.1									
			SME		$m_B=6.4$	9.0	6.80	LN		$M_S=7.1$	14.0	54.2						
GTA	41.9	73	LE		$M_S=6.6$	13.0	38.1	LE			12.0	39.8						
			LZ		$M_S=6.4$	12.0	31.3	LZ		$M_S=6.7$	18.0	56.9						
			+iP	07 49 18.0	0.8		SNY	57.4	61	+iP	07 51 17.0	0.8						
			PMZ		$m_B=6.5$	5.0				4.71	PMZ		$m_B=6.3$	7.0	3.09			
			PP	07 51 03.0	6.2					pP	07 51 21.2	0.2						
S	07 55 39.5	4.6		sP	07 51 26.8	3.3												
LE		$M_S=7.0$	12.0	82.1	S	07 59 08.0				-3.2								
LZH	46.1	76	LZ		$M_S=6.9$	14.0	102	SMN			28.0	31.2						
			eP	07 49 52.0	0.6		SME			16.0	11.8							
			PP	07 51 39.0	0.0		LE		$M_S=7.2$	14.0	78.3							
			SME		$m_B=6.6$	11.0	9.01	DL2	57.5	65	eP	07 51 17.0	0.2					
LN		$M_S=7.1$	20.0	123	PMZ		$m_B=6.7$				4.0	4.09						
LE			11.0	30.3	sP	07 51 23.0	-1.0											
CD2	48.4	82	P	07 50 10.0	0.7		eS				07 59 14.0	0.6						
							SMN					$m_B=7.2$	9.0	15.1				
							SME			9.0	19.0							
							LN		$M_S=7.2$	12.0	36.0							
							LE			15.0	85.0							



CN2	57.7	58	LZ	$M_s = 6.6$	16.0	42.9	KSH	24.3	83	eP	09 39 54.0	1.2	International Seismological Centre				
			+P	07 51 17.0	-1.3				eS	09 44 12.0	2.5						
			PMZ	$m_B = 6.8$	5.0	7.30	WMQ	32.1	70	P	09 41 03.0	-0.5					
			S	07 59 16.0	1.0		GTA	42.0	73	+iP	09 42 27.5	0.2					
			SMN			13.0	15.4	LZH	46.3	76	eP	09 43 02.0		0.5			
NJ2	59.0	73	LE	$M_s = 7.5$	19.0	240	CD2	48.6	82	eP	09 43 19.5	0.1					
			LZ	$M_s = 7.4$	16.0	240	HHC	49.8	67	eP	09 43 29.4	0.1					
			+P	07 51 26.5	-0.7		TIY	51.8	70	P	09 43 43.6	-0.3					
			PMZ	$m_B = 6.7$	4.5	4.50	GYA	53.0	85	P	09 43 51.4	-2.1					
			iS	07 59 38.0	5.1		BJI	53.4	66	eP	09 43 55.0	-0.7					
QZN	59.5	91	LN	$M_s = 7.1$	16.0	42.9	TIA	55.8	69	eP	09 44 12.6	-0.9					
			LE		15.5	60.0	WHN	56.6	77	+P	09 44 23.6	4.1					
			P	07 51 29.7	-1.2		DL2	57.6	64	eP	09 44 27.7	1.1					
			S	07 59 40.0	1.3		NJ2	59.1	73	+P	09 44 38.6	1.5					
			SMN	$m_B = 6.6$	11.0	5.10	SSE	61.3	72	P	09 44 51.3	-0.8					
GZH	59.8	85	SME		14.0	8.70	DEC 7d 13h 53m $28.1 \pm 0.09s$ , SD1.03 / 57 $52.75 N \pm 2.20km$ , $160.28 E \pm 1.44km$ , $h34 \pm 0.11km$ Off east coast of Kamchatka (219) $M_s 5.1 / 14$ ,										
			sS	07 59 48.0	0.3												
			LN	$M_s = 6.8$	15.0	26.9	MDJ	21.7	260	eP	13 58 17.0	-1.3					
			LE		15.0	17.1				eS	14 02 09.0	-2.7					
			-iP	07 51 33.5	0.7					LZ	$M_s = 4.4$	20.0	1.44				
MDJ	60.0	55	LN	$M_s = 7.0$	15.0	50.1	CN2	24.6	263	-P	13 58 46.0	-1.1					
			LE		11.0	21.9				pP	13 58 56.0	-0.2					
			LZ	$M_s = 6.6$	16.0	35.1				eS	14 03 00.0	-3.8					
			eP	07 51 34.7	0.9					LN	$M_s = 4.8$	13.0	1.30				
			PMZ	$m_B = 6.4$	8.0	4.50				LZ	$M_s = 5.0$	18.0	4.00				
SSE	61.2	73	PcP	07 52 22.0	3.0		SNY	26.9	261	eP	13 59 08.0	-0.3					
			S	07 59 42.0	-2.1					LN	$M_s = 5.0$	16.0	1.41				
			SME	$m_B = 6.8$	10.0	11.7				LE		16.0	1.74				
			LZ	$M_s = 7.0$	12.0	69.9				LZ	$M_s = 4.9$	16.0	2.70				
			P	07 51 41.5	-0.7		BJI	32.4	265	eP	13 59 59.0	1.3					
QZH	62.7	80	S	07 59 58.0	-1.9					LN	$M_s = 5.1$	14.0	1.30				
			sS	08 00 08.0	-0.9					LE		13.0	0.85				
			LN	$M_s = 7.1$	14.0	34.2				LZ	$M_s = 5.1$	12.0	2.10				
			LE		14.0	56.2	TIA	34.3	259	P	14 00 14.0	-0.1					
			LZ	$M_s = 6.8$	14.0	53.3	HHC	34.8	270	eP	14 00 17.4	-0.4					
SSE	61.1	73	-P	07 51 52.0	-0.3		SSE	35.6	248	eP	14 00 25.6	0.5					
			PMZ	$m_B = 6.6$	4.0	3.37				eS	14 06 03.0	4.5					
			eS	08 00 19.0	-1.1					LN	$M_s = 4.8$	16.0	0.86				
			SME	$m_B = 6.6$	10.0	6.22				LZ	$M_s = 4.3$	18.0	0.45				
			sS	08 00 24.0	-4.0		BTO	35.8	271	eP	14 00 28.0	0.9					
TIBET	31.80	N ± 1.27km	LN	$M_s = 7.0$	16.0	39.7				sP	14 00 40.0	-0.4					
			LE		16.0	43.6				eS	14 06 01.5	-0.6					
			LZ	$M_s = 6.5$	20.0	35.6				LN	$M_s = 5.3$	15.0	1.60				
			DEC 7d 08h 06m $27.6 \pm 0.12s$ , SD1.32 / 16 $40.93 N \pm 2.18km$ , $44.29 E \pm 1.33km$ , $h9 \pm 0.13km$ Turkey-USSR border region (367)									LE		15.0	1.80		
			TIY	51.6	70	eP	08 15 37.4	0.4				LZ	$M_s = 5.1$	15.0	2.70		
TIBET	39.2	N ± 1.27km	GYA	52.8	85	P	08 15 45.8	-0.5									
			SSE	61.1	73	P	08 16 44.5	-0.7									
			DEC 7d 09h 06m $39.2 \pm 0.11s$ , SD1.96 / 38 $31.80 N \pm 1.27km$ , $83.28 E \pm 1.40km$ , $h33 \pm 0.03km$ Tibet (306)									NJ2	36.3	252	+P	14 00 32.5	2.1
			LSA	7.1	105	P	09 08 24.1	0.2									
			KSH	9.8	324	eP	09 08 57.0	-3.6									
TIBET	46.23	N ± 1.93km	WMQ	12.5	15	P	09 09 37.5	-0.3									
			GTA	15.4	56	eP	09 10 18.4	1.9									
			CD2	17.5	88	eP	09 10 42.1	-0.7									
			GYA	21.1	99	P	09 11 21.6	-2.0									
			BTO	23.2	60	eP	09 11 48.6	3.8									
MONGOLIA	46.23	N ± 1.93km	TIY	24.6	68	eP	09 12 01.0	2.8									
			WHN	26.6	84	eP	09 12 17.6	1.1									
			BJI	27.8	64	eP	09 12 30.0	2.6									
			DEC 7d 18h 03m $08.0 \pm 0.14s$ , SD2.78 / 34 $46.23 N \pm 1.93km$ , $114.87 E \pm 1.27km$ , $h23 \pm 0.69km$ Mongolia (334) $M_s 4.2 / 3$ , $M_L 4.7 / 16$ , $m_B 4.9 / 1$ ,														
			HHC	5.9	205	+iPn	18 04 35.4	0.9									
TURKEY-USSR BORDER REGION	41.00	N ± 1.94km	ePg	18 04 54.2	2.2												
			Sg	18 06 10.0	-2.6												
DEC 7d 09h 34m $33.2 \pm 0.11s$ , SD1.42 / 60 $41.00 N \pm 1.94km$ , $44.00 E \pm 1.18km$ , $h9 \pm 0.17km$ Turkey-USSR border region (367)																	

		SMN		$M_L=4.8$	0.8	0.77
		SME			0.8	0.69
BJI	6.3 171	Pn	18 04 39.5	0.1		
		Pg	18 05 01.5	3.0		
		Sn	18 05 51.0	-1.4		
		SMN		$M_L=4.4$	1.0	0.25
		SME			1.0	0.28
BTO	6.6 214	Pn	18 04 46.2	1.3		
		Pg	18 05 09.0	3.7		
		Sn	18 06 01.6	-0.3		
		Sg	18 06 35.8	-0.4		
		SMN		$M_L=4.8$	1.0	0.60
		SME			1.0	0.50
SNY	7.7 122	ePg	18 05 29.2	5.8		
		Sg	18 07 04.2	-3.9		
		SMN		$M_L=4.7$	0.6	0.25
		SME			0.9	0.26
CN2	7.9 104	ePn	18 05 00.0	-1.7		
		SMN		$M_L=4.6$	0.8	0.19
		SME			0.8	0.19
TIY	8.7 193	eP	18 05 12.0	-3.7		
		SME		$m_B=4.9$	9.0	1.40
GTA	13.0 244	eP	18 06 10.9	-3.2		
		S	18 08 36.8	-1.4		
		LE		$M_S=4.2$	7.0	0.49
LZH	13.1 223	eP	18 06 14.0	-1.7		
CD2	17.6 213	eP	18 07 10.2	-3.1		
WMQ	19.3 273	P	18 07 37.0	2.3		

DEC 8d 07h 46m  $00.8 \pm 0.08s$ ,  $SD1.26 / 20$   
 $40.78 N \pm 1.21km$ ,  $44.24 E \pm 0.85km$ ,  $h7 \pm 0.20km$   
 Turkey-USSR border region (367)

WMQ	32.0 70	eP	07 52 30.4	-0.1		
GTA	41.9 73	eP	07 53 54.0	-0.3		
LZH	46.2 76	eP	07 54 28.0	-0.4		
BTO	48.8 67	eP	07 54 49.6	0.7		

DEC 8d 12h 58m  $59.0 \pm 0.14s$ ,  $SD1.98 / 61$   
 $7.08 N \pm 3.34km$ ,  $82.58 W \pm 2.76km$ ,  $h2 \pm 0.92km$   
 Off coast of Central America (76)  
 $M_S6.2 / 21$ ,  $m_B6.2 / 6$ ,

WMQ	128.6 9	PKP	13 18 10.2	1.1		
		PPMZ		$m_B=6.1$	8.0	0.46
		SS	13 37 36.0	4.0		
		LN		$M_S=6.2$	16.0	2.71
		LZ		$M_S=6.2$	22.0	5.76
KSH	129.6 22	ePKP	13 18 12.7	1.8		
		LN		$M_S=6.3$	18.0	3.40
BJI	130.0 341	ePKP	13 18 13.0	1.3		
		ePP	13 20 24.0	-2.6		
		LN		$M_S=6.2$	19.0	2.68
HHC	130.6 346	ePKP	13 18 12.2	-0.7		
		LN		$M_S=6.2$	37.0	3.27
		LE			33.0	5.00
BTO	131.2 347	ePKP	13 18 15.0	1.0		
		PP	13 20 35.0	0.4		
		SS	13 38 03.0	-0.3		
		LN		$M_S=6.1$	16.0	1.50
		LE			17.0	1.10
		LZ		$M_S=6.0$	17.0	2.30
TIA	133.1 338	ePKP	13 18 17.2	-0.4		
TIY	133.3 344	-PKP	13 18 20.4	2.4		
		PKS	13 21 49.0	-2.6		
		LE		$M_S=6.1$	18.0	2.34
		LZ		$M_S=6.2$	22.0	4.66
GTA	133.7 357	ePKP	13 18 17.4	-1.4		
		SS	13 38 28.0	-6.6		
		LN		$M_S=6.1$	19.0	2.36

		LZ		$M_S=5.9$	30.0	3.75
NJ2	136.0 333	ePKP	13 18 28.0	5.0		
LZH	136.6 352	ePKP	13 18 23.5	-0.8		
		PP	13 21 04.0	-4.3		
		PPMZ		$m_B=6.1$	6.0	0.52
		LN		$M_S=6.3$	19.0	3.38
		LZ		$M_S=6.2$	20.0	3.90
XAN	137.7 346	PKP	13 18 27.7	1.6		
		LN		$M_S=6.3$	20.0	2.83
		LE			18.0	2.04
WHN	139.2 337	ePKP	13 18 25.0	-3.8		
		PP	13 21 22.0	-2.8		
		LE		$M_S=6.2$	20.0	2.63
QZH	142.1 328	PKP	13 18 32.5	-1.3		
		PP	13 21 39.5	-2.5		
		LE		$M_S=6.2$	20.0	3.02
		LZ		$M_S=5.7$	24.0	1.62
LSA	142.9 9	PKP	13 18 34.1	-1.7		
		PP	13 21 48.5	1.3		
		PPMZ		$m_B=6.0$	7.0	0.58
		LN		$M_S=6.3$	22.0	3.58
GYA	145.5 345	PKP	13 18 39.0	-0.9		
		PP	13 22 03.0	0.6		
		LZ		$M_S=6.0$	14.0	1.50
GZH	146.2 333	PKP	13 18 41.0	0.0		
KMI	147.6 351	+PKP	13 18 48.5	5.0		
		LZ		$M_S=6.1$	25.0	3.70
QZN	151.3 335	ePKP	13 18 51.8	2.7		
		PP	13 22 37.0	0.8		
		LZ		$M_S=6.1$	20.0	2.60

DEC 8d 15h 32m  $46.6 \pm 0.10s$ ,  $SD1.76 / 72$   
 $23.40 N \pm 1.31km$ ,  $99.56 E \pm 1.18km$ ,  $h9 \pm 0.15km$   
 Burma-China border region (297)  
 $M_S5.1 / 27$ ,  $M_L4.9 / 4$ ,

KMI	3.4 59	+Pn	15 33 43.0	3.0		
		+Pg	15 33 52.0	5.9		
		Sg	15 34 38.5	6.3		
		SME		$M_L=5.0$	1.0	4.50
		LN		$M_S=5.1$	7.0	41.0
		LZ		$M_S=5.1$	4.0	13.9
GYA	7.1 63	Pn	15 34 33.2	1.6		
		Sn	15 35 52.2	-2.8		
		SMN		$M_L=4.8$	1.2	0.36
		SME			1.2	0.40
		LN		$M_S=5.0$	8.0	8.10
		LE			8.0	4.90
		LZ		$M_S=4.7$	10.0	4.40
CD2	8.4 26	eP	15 34 51.8	0.7		
		eS	15 36 24.5	-2.1		
		LN		$M_S=5.2$	8.0	11.9
		LZ		$M_S=4.8$	6.0	3.30
LSA	9.8 312	P	15 35 11.7	0.3		
		eS	15 37 02.5	-0.6		
QZN	10.5 112	eP	15 35 21.6	0.5		
		eS	15 37 19.0	-1.3		
		LN		$M_S=4.9$	10.0	4.00
		LE			10.0	2.30
GZH	12.7 89	eP	15 35 49.0	-1.2		
LZH	13.2 15	eP	15 35 59.5	2.5		
		LN		$M_S=5.1$	9.0	2.00
		LE			9.0	4.60
XAN	13.4 36	P	15 35 56.1	-3.7		
		S	15 38 30.1	0.6		
		LN		$M_S=5.3$	10.0	6.40
		LE			8.0	3.50
WHN	15.0 58	eP	15 36 21.0	0.5		
		S	15 39 07.0	0.0		

					59.85 S ± 4.48km, 25.96 W ± 4.43km, h33 ± 0.42km South Sandwich Islands region (153) M <sub>S</sub> 5.8 / 9, m <sub>b</sub> 6.2 / 1,																
GTA	16.0	1	LN	M <sub>S</sub> = 5.2	8.0	4.55	KSH	128.9	76	ePKP	08 08 31.0	-0.6	LN	M <sub>S</sub> = 5.8	14.0	0.90					
			LZ	M <sub>S</sub> = 4.5	20.0	3.18				LZ	M <sub>S</sub> = 5.6	20.0		1.30							
QZH	17.4	81	eP	15 36 32.9	-0.6	WMQ	137.9	82	ePKP	08 08 43.0	-5.5	PPMZ	LZ	M <sub>S</sub> = 5.7	20.0	1.04					
			pP	15 36 38.9	1.3				PP	08 11 40.5	1.2			LZ	M <sub>S</sub> = 5.6	20.0	1.44				
			LE	M <sub>S</sub> = 4.9	8.5				2.24	LZH	140.2			104	ePKP	08 08 57.5	4.8	LE	M <sub>S</sub> = 5.5	22.0	0.70
			LZ	M <sub>S</sub> = 4.7	11.0				2.37						WHN	140.5	120		ePKP	08 08 56.0	3.0
TIY	18.0	35	eP	15 37 00.4	0.8	GTA	140.8	97	ePKP	08 08 49.4	-4.3	PP	08 11 53.2	-3.1	LE	M <sub>S</sub> = 5.8	19.0	1.10			
			S	15 40 17.0	-0.8				LN	M <sub>S</sub> = 5.3	9.5					4.04	LZ	M <sub>S</sub> = 5.7	22.0	1.30	
NJ2	19.1	59	LN	M <sub>S</sub> = 5.2	14.0	5.14	NJ2	143.7	124	ePKP	08 09 01.0	2.4	SSE	143.8	128	ePKP	08 08 59.0	0.2			
			LZ	M <sub>S</sub> = 4.6	14.0	2.02				sPKP	08 09 10.0	-2.0				PP	08 12 20.0	5.2			
BTO	19.3	25	+P	15 37 12.8	0.2	TIY	145.6	111	ePKP	08 09 02.3	0.3	LN	M <sub>S</sub> = 5.8	16.0	0.92						
			LN	M <sub>S</sub> = 5.3	9.5				4.04	sPKP	08 09 15.0		-0.1	LZ	M <sub>S</sub> = 5.6	30.0	1.24				
TIA	19.8	46	LE	9.0	1.44	TIA	146.5	118	ePKP	08 09 04.1	0.6	BTO	146.7	105	PKP	08 09 06.0	2.1				
			P	15 37 14.0	-0.6				LZ	M <sub>S</sub> = 5.9	17.0				0.80	sPKP	08 09 21.0	4.0	LN	M <sub>S</sub> = 5.9	17.0
HHC	20.1	27	esP	15 37 21.0	-1.4	HHC	147.7	107	ePKP	08 09 08.6	3.1	BJI	149.2	113	ePKP	08 09 11.0	3.2				
			ePP	15 37 31.0	-0.1				DL2	150.7	121				ePKP	08 09 10.0	-0.2	ePP	08 12 56.0	0.7	
BJI	21.7	36	eS	15 40 49.5	2.9	DL2	24.3	45	eP	15 38 08.0	2.2	CN2	156.4	120	+PKP	08 09 16.0	-2.1				
			LN	M <sub>S</sub> = 5.2	8.0				1.90	LZ	M <sub>S</sub> = 4.4				10.0	0.64	pPKP	08 09 28.0	0.4		
WMQ	22.6	337	LE	8.0	2.00	KSH	25.7	314	eP	15 38 22.5	3.5	SNY	27.2	42	-P	15 38 36.4	3.6				
			eP	15 37 23.1	2.2				CN2	29.4	40				P	15 38 52.0	-1.2	eS	15 43 13.0	3.0	
DL2	24.3	45	LN	M <sub>S</sub> = 5.0	8.0	1.80	CN2	29.4				40	LN	M <sub>S</sub> = 5.0	18.0	1.90	LN	M <sub>S</sub> = 5.6	17.0	0.60	
			LE	8.0	0.65	LZ			M <sub>S</sub> = 5.1	10.0	1.30		LZ	M <sub>S</sub> = 5.6	22.0	1.00					
KSH	25.7	314	LZ	M <sub>S</sub> = 4.8	11.0	1.90	KSH	25.7	314	eP	15 38 22.5	3.5	SNY	27.2	42	-P	15 38 36.4	3.6			
			eP	15 37 41.5	1.0	CN2				29.4	40	P				15 38 52.0	-1.2	eS	15 43 13.0	3.0	
BTO	19.3	25	LE	10.0	1.50		HHC	147.7	107			ePKP	08 09 08.6	3.1	BJI	149.2	113	ePKP	08 09 11.0	3.2	
			P	15 37 14.0	-0.6	DL2				150.7	121	ePKP	08 09 10.0	-0.2				ePP	08 12 56.0	0.7	
WMQ	22.6	337	eS	15 41 53.0	1.0	DL2	24.3	45	eP	15 38 08.0	2.2	CN2	156.4	120	+PKP	08 09 16.0	-2.1				
			LN	M <sub>S</sub> = 4.8	8.0				0.62	LZ	M <sub>S</sub> = 4.4				10.0	0.64	pPKP	08 09 28.0	0.4		
DL2	24.3	45	LE	8.0	0.63	KSH	25.7	314	eP	15 38 22.5	3.5	SNY	27.2	42	-P	15 38 36.4	3.6				
			LZ	M <sub>S</sub> = 4.6	8.0				0.80	eS	15 43 13.0				3.0	eS	15 43 13.0	3.0			
KSH	25.7	314	eP	15 38 22.5	3.5	SNY	27.2	42	-P	15 38 36.4	3.6	CN2	29.4	40	P	15 38 52.0	-1.2				
			LZ	M <sub>S</sub> = 4.4	10.0				0.64	LN	M <sub>S</sub> = 5.0				18.0	1.90	LN	M <sub>S</sub> = 5.6	17.0	0.60	
SNY	27.2	42	eS	15 43 13.0	3.0	CN2	29.4	40	LE	19.0	1.77	CN2	29.4	40	eS	15 43 45.0	-1.4				
			LN	M <sub>S</sub> = 5.0	18.0				1.90	LZ	M <sub>S</sub> = 4.7				16.0	1.50	LZ	M <sub>S</sub> = 5.6	22.0	1.00	
CN2	29.4	40	LE	19.0	1.77	CN2	29.4	40	P	15 38 52.0	-1.2	CN2	29.4	40	eS	15 43 45.0	-1.4				
			LZ	M <sub>S</sub> = 5.1	10.0				1.30	LZ	M <sub>S</sub> = 4.7				16.0	1.50	LZ	M <sub>S</sub> = 5.6	22.0	1.00	

DEC 8d 20h 32m 07.1 ± 0.15s, SD1.22 / 37  
41.26 N ± 1.72km, 44.35 E ± 1.30km, h13 ± 0.45km  
Turkey-USSR border region (367)  
M<sub>S</sub>4.7 / 1,

KSH	24.0	84	eP	20 37 25.6	2.3	
WMQ	31.8	71	P	20 38 35.0	1.1	
LZH	46.0	76	eP	20 40 33.0	0.7	
BTO	48.5	68	eP	20 40 54.0	1.6	
HHC	49.5	67	eP	20 41 01.0	1.1	
XAN	50.6	76	P	20 41 07.6	-0.6	
TIY	51.4	70	eP	20 41 14.7	0.0	
GYA	52.8	86	LN	M <sub>S</sub> = 4.7	10.0	0.24
			LZ	M <sub>S</sub> = 4.4	20.0	0.37
BJI	53.0	66	eP	20 41 26.5	0.0	
NJ2	58.8	73	+P	20 42 07.4	-0.7	
SSE	61.0	73	P	20 42 20.5	-2.6	
			pP	20 42 25.0	-4.2	

DEC 9d 07h 49m 25.8 ± 0.14s, SD2.54 / 43

DEC 9d 08h 54m 23.5 ± 0.08s, SD1.78 / 28  
13.57 N ± 1.35km, 120.82 E ± 2.30km, h147 ± 0.66km  
Mindoro (250)

QZN	11.8	299	P	08 57 07.3	-1.6
WHN	17.9	342	P	08 58 26.0	1.3
TIY	25.2	344	-P	08 59 35.4	-1.8
GTA	31.7	328	+iP	09 00 34.6	-1.3
WMQ	41.4	323	P	09 01 57.4	0.4

DEC 9d 10h 50m 44.8 ± 0.10s, SD3.19 / 9  
39.23 N ± 2.49km, 74.02 E ± 0.45km, h9 ± 1.23km  
Tadzhikistan-Xinjiang border region (719)  
M<sub>L</sub>3.8 / 2,

KSH	1.5	78	Pg	10 51 11.5	-0.1	
			eSg	10 51 36.5	4.6	
GTA	19.9	81	SMN	M <sub>L</sub> = 3.8	0.5	1.40
			SME		0.4	1.00
GTA	19.9	81	eP	10 55 19.8	-0.6	

DEC 9d 11h 01m 11.2 ± 0.09s, SD2.47 / 6  
38.55 N ± 1.30km, 73.39 E ± 0.15km, h26 ± 1.32km  
Tadzhikistan (715)  
M<sub>L</sub>3.5 / 1,

KSH	2.2	63	ePn	11 01 49.0	2.3
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	Sg	11 02 17.0	-3.4						LN	$M_S=4.5$	10.0	0.80	
	SMN	$M_L=3.5$		0.2	0.30				LZ	$M_S=4.4$	16.0	1.50	
	SME			0.2	0.40			LZH	19.2 308 P	18 29 17.0	1.0		
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DEC 9d 11h 17m $51.0 \pm 0.10s$ , SD1.31 / 32 $39.72 N \pm 0.79km$ , $140.51 E \pm 0.92km$ , $h142 \pm 0.81km$ Honshu (227)													
MDJ	9.5 305	+P	11 20 07.0	1.8					LN	$M_S=5.0$	8.0	0.80	
CN2	12.0 295	P	11 20 37.0	-1.0					LE		6.0	1.20	
BJI	18.7 279	eP	11 21 59.0	-1.7					LZ	$M_S=4.2$	16.0	0.80	
NJ2	19.1 253	-P	11 22 05.8	0.3				MDJ	20.0 15	eP	18 29 25.0	-0.1	
								GTA	23.6 312	-P	18 30 01.6	0.2	
										S	18 34 12.7	1.3	
										LN	$M_S=4.8$	6.5 0.63	
										LZ	$M_S=4.7$	8.0 1.00	
								WMQ	33.6 312	eP	18 31 29.0	-3.9	
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DEC 9d 18h 24m $49.1 \pm 0.11s$ , SD1.76 / 60 $25.46 N \pm 1.79km$ , $122.46 E \pm 1.70km$ , $h7 \pm 0.76km$ Taiwan (244) $M_S 4.7 / 18$ , $M_L 4.7 / 13$ ,													
QZH	3.5 262	ePn	18 25 45.6	0.8					MDJ	11.6 333	-P	19 58 15.0	0.7
		Sn	18 26 31.0	2.1					SNY	12.8 309	-iP	19 58 29.8	0.8
		SMN	$M_L=4.7$	1.3	1.64				CN2	12.8 320	-iP	19 58 29.7	0.0
		SME		1.1	2.17				DL2	13.0 294	eP	19 58 31.5	-0.4
SSE	5.7 349	-iPn	18 26 14.0	-0.8					SSE	13.7 260	P	19 58 38.5	-0.9
		Sn	18 27 17.3	-5.8					NJ2	15.3 266	+P	19 58 57.2	-0.3
		SMN	$M_L=4.9$	1.0	0.72				TIA	16.2 282	-P	19 59 06.7	-0.7
		SME		1.2	1.06				BJI	17.4 295	eP	19 59 18.0	-1.3
		LN	$M_S=4.4$	8.0	3.26				WHN	19.4 265	-iP	19 59 40.5	0.8
		LE		10.0	2.49				TIY	20.0 286	+P	19 59 46.0	0.4
		LZ	$M_S=4.1$	14.0	2.49				HHC	21.0 295	-P	19 59 54.5	-0.7
NJ2	7.3 335	+Pn	18 26 36.3	0.0					BTO	22.1 294	eP	20 00 06.0	0.0
		Sn	18 27 56.0	-5.8					XAN	23.1 277	-iP	20 00 15.2	0.1
		LN	$M_S=5.2$	4.0	5.14				LZH	27.0 283	eP	20 00 50.0	-0.3
		LE		4.0	5.44				GYA	27.2 261	P	20 00 51.6	-0.7
		LZ	$M_S=4.8$	8.0	4.65				CD2	28.1 272	eP	20 00 59.6	-0.3
WHN	8.8 307	eP	18 26 56.0	-3.5					GTA	29.9 290	P	20 01 15.5	-0.6
		sS	18 28 41.3	-5.5					WMQ	38.8 299	eP	20 02 32.0	1.1
		SMN	$M_L=5.3$	1.0	0.62			<hr/>					
		SME		1.5	0.49			DEC 9d 20h 29m $29.7 \pm 0.25s$ , SD2.99 / 37 $2.62 S \pm 2.90km$ , $77.59 W \pm 4.97km$ , $h10 \pm 1.68km$ Peru-Ecuador border region (110)					
		LE	$M_S=4.8$	9.0	4.40			KSH	136.1 30	ePKP	20 48 58.0	5.3	
		LZ	$M_S=4.8$	8.0	4.20			DL2	139.9 337	ePKP	20 49 04.0	4.6	
DL2	13.4 357	eP	18 28 08.0	5.2				GTA	143.3 3	ePKP	20 49 04.2	-1.4	
		LN	$M_S=4.5$	8.0	1.09			TIY	143.9 346	ePKP	20 49 04.7	-1.8	
		LZ	$M_S=4.1$	14.0	0.89					LZ	$M_S=5.4$	26.0 0.85	
GYA	14.2 277	P	18 28 13.0	-0.8				SSE	146.6 330	ePKP	20 49 10.3	-0.8	
		S	18 30 57.2	4.6				LZH	146.7 358	ePKP	20 49 12.0	0.5	
		SMN		1.4	0.22			NJ2	146.9 334	+PKP	20 49 13.6	2.0	
		SME		1.4	0.15			XAN	148.2 350	+PKP	20 49 17.2	3.5	
		LN	$M_S=4.8$	10.0	1.70			WHN	150.0 339	ePKP	20 49 19.0	2.4	
		LE		10.0	1.80			CD2	151.8 358	ePKP	20 49 24.5	5.1	
XAN	14.5 309	P	18 28 20.1	2.7				<hr/>					
		S	18 31 02.6	3.3				DEC 9d 23h 10m $46.7 \pm 0.08s$ , SD1.39 / 76 $20.02 N \pm 1.11km$ , $121.90 E \pm 1.38km$ , $h29 \pm 0.34km$ Philippine Islands region (248) $M_S 4.1 / 2$ , $M_L 4.7 / 6$ ,					
		LN	$M_S=4.9$	5.0	1.30			QZH	5.8 329	+Pn	23 12 11.9	1.1	
		LE		5.0	0.85					Sn	23 13 12.0	-6.0	
TIY	14.9 328	+P	18 28 23.5	1.3						SMN	$M_L=4.1$	0.8 0.17	
		LN	$M_S=4.6$	8.0	1.19					SME		0.8 0.15	
		LZ	$M_S=4.4$	13.0	1.68			GZH	8.5 293	+P	23 12 49.0	-2.2	
BJI	15.5 342	eP	18 28 31.0	1.4						SMN	$M_L=5.2$	1.0 0.62	
CD2	17.4 292	eP	18 28 53.2	-0.5						SME		1.0 0.53	
		LN	$M_S=5.4$	7.0	3.79			SSE	11.0 357	eP	23 13 25.5	-0.5	
		LE		6.0	2.97			QZN	11.4 267	eP	23 13 30.0	-0.9	
		LZ	$M_S=4.9$	8.0	2.65			NJ2	12.3 348	eP	23 13 43.0	0.2	
HHC	17.8 332	eP	18 29 02.0	2.2				WHN	12.5 328	P	23 13 44.5	-1.1	
		LN	$M_S=4.5$	10.0	0.87					eS	23 16 07.5	2.6	
BTO	18.3 329	eP	18 29 06.0	0.2						sS	23 16 19.0	3.4	
		sP	18 29 13.0	-0.4						LZ	$M_S=3.8$	16.0 0.60	
		eS	18 32 28.0	0.1									
		LN	$M_S=4.7$	8.0	0.90								
		LE		8.0	0.60								
CN2	18.5 7	eP	18 29 09.0	1.6									
		eS	18 32 34.0	3.2									



			LN		$M_s = 5.5$	15.0	2.03	North-Eastern China				(658)		
			LZ		$M_s = 5.3$	20.0	2.39	$M_L 3.0 / 11,$						
KMI	57.9	70	-P	17 43	14.5	-0.6		BJI	2.1	282	Pg	23 44 01.0	-1.3	
			S	17 51	15.0	2.8					Sn	23 44 24.5	-3.9	
			LZ		$M_s = 5.1$	25.0	2.00				SMN	$M_L = 2.7$	0.5	0.050
CD2	58.5	64	P	17 43	20.6	1.2					SME		0.5	0.070
			eS	17 51	25.0	3.2		DL2	2.3	108	ePg	23 44 08.0	1.9	
			LZ		$M_s = 5.1$	20.0	1.39				Sg	23 44 30.5	-6.9	
LZH	58.6	58	eP	17 43	19.5	-0.7					SMN	$M_L = 3.0$	0.4	0.11
			eS	17 51	25.0	1.6					SME		0.4	0.070
			LN		$M_s = 5.7$	14.0	1.10	TIA	3.7	202	ePn	23 44 22.1	-0.7	
			LE			15.0	2.30				ePg	23 44 32.3	1.7	
GYA	61.3	69	P	17 43	37.6	-1.0					Sg	23 45 19.0	-2.0	
			S	17 51	59.0	2.6					SMN	$M_L = 2.4$	0.4	0.010
XAN	62.8	60	P	17 43	47.2	-1.3					SME		0.4	0.010
			LN		$M_s = 5.6$	12.0	1.10	TIY	5.4	251	Pg	23 45 03.3	2.9	
			LE			12.0	1.10				Sg	23 46 19.9	6.4	
BTO	63.6	53	eP	17 43	53.5	-0.3					SMN	$M_L = 3.1$	0.6	0.020
			pP	17 43	58.0	-1.1					SME		0.8	0.020
			S	17 52	26.0	1.0		DEC 11d 03h 25m $51.0 \pm 0.07s$ , SD3.21 / 6						
			LN		$M_s = 5.9$	18.0	3.60	40.47 N $\pm 0.77km$ , 77.43 E $\pm 0.76km$ , h5 $\pm km$						
			LE			18.0	2.30	Southern Xinjiang Province (321)						
HHC	64.8	52	eP	17 44	01.0	-0.5		$M_L 3.5 / 6,$						
			S	17 52	39.0	-0.5		KSH	1.5	231	Pg	03 26 17.0	-0.7	
			SMN		$m_B = 5.8$	9.0	0.76				Sg	03 26 38.5	0.4	
			SME			9.0	0.52				SMN	$M_L = 3.8$	0.5	1.05
			LN		$M_s = 5.7$	20.0	3.06				SME		0.3	1.40
TIY	65.5	56	-P	17 44	06.0	-0.2		DEC 11d 03h 26m $04.2 \pm 0.10s$ , SD1.89 / 49						
			S	17 52	52.0	3.3		1.65 N $\pm 1.72km$ , 125.49 E $\pm 3.00km$ , h113 $\pm 0.22km$						
			ScS	17 54	02.0	4.8		Minahassa Peninsula (Celebes) (265)						
			LN		$M_s = 5.7$	15.0	1.88	QZN	23.1	319	eP	03 31 05.2	4.1	
			LE			16.0	1.42	GYA	30.6	325	P	03 32 13.6	3.4	
WHN	67.6	63	eP	17 44	20.0	0.3					PcP	03 35 06.2	0.8	
			pP	17 44	25.0	-0.1					ScP	03 38 37.4	1.2	
			S	17 53	20.0	5.4		WHN	30.6	341	eP	03 32 14.0	3.8	
			LN		$M_s = 5.5$	13.0	1.10	CD2	35.6	327	eP	03 32 53.0	-0.6	
			LZ		$M_s = 5.6$	18.0	3.10	XAN	35.8	336	P	03 32 52.5	-2.1	
BJI	68.3	53	eP	17 44	23.0	-0.9		BJI	39.1	349	eP	03 33 21.5	-1.2	
			eS	17 53	28.0	4.2					ScP	03 39 08.0	1.3	
			LE		$M_s = 5.6$	16.0	1.80	SNY	40.0	358	eP	03 33 28.1	-2.0	
			LZ		$M_s = 5.5$	17.0	2.40	CN2	42.0	360	eP	03 33 45.5	-0.6	
TIA	69.4	57	eP	17 44	30.2	-0.2		LSA	42.9	314	P	03 33 54.6	0.2	
			S	17 53	40.0	5.0		MDJ	42.9	4	eP	03 33 54.0	0.0	
			LN		$M_s = 5.5$	14.0	1.20	GTA	44.3	331	P	03 34 04.4	-0.5	
			LZ		$M_s = 5.0$	30.0	1.47				ScP	03 39 28.7	1.6	
NJ2	71.3	61	+P	17 44	44.7	2.6		WMQ	53.7	327	+iP	03 35 19.0	1.4	
DL2	72.6	54	eP	17 44	50.0	-0.1		DEC 11d 05h 18m $25.9 \pm 0.37s$ , SD1.49 / 41						
			eS	17 54	14.0	-0.2		53.54 N $\pm 2.47km$ , 167.04 W $\pm 1.74km$ , h90 $\pm 2.48km$						
			LE		$M_s = 5.5$	12.0	1.00	Fox Islands (9)						
			LZ		$M_s = 5.5$	20.0	2.47	SSE	55.1	276	P	05 27 52.0	0.6	
SSE	73.4	62	eP	17 44	55.0	0.4		NJ2	55.8	279	-P	05 27 56.1	-0.3	
			PcP	17 45	15.0	4.8		WHN	59.5	281	eP	05 28 22.0	-0.6	
			S	17 54	28.0	6.4		GTA	61.2	298	+iP	05 28 33.4	-0.9	
			SMN		$m_B = 6.0$	6.0	0.71	LZH	61.4	293	eP	05 28 36.0	0.0	
			SS	17 59	00.0	-6.1		WMQ	63.9	309	eP	05 28 52.1	-0.2	
			LN		$M_s = 5.5$	14.0	1.15	CD2	65.3	289	eP	05 29 02.7	1.2	
			LZ		$M_s = 4.8$	20.0	0.47	GYA	67.0	284	P	05 29 12.8	0.4	
CN2	74.8	48	eP	17 45	03.0	0.1		KMI	70.3	286	+P	05 29 33.0	0.2	
			PMZ		$m_B = 5.9$	5.0	0.70	DEC 11d 08h 49m $32.6 \pm 0.32s$ , SD2.20 / 38						
			eS	17 54	40.0	1.1		2.45 S $\pm 2.58km$ , 77.53 W $\pm 2.81km$ , h34 $\pm 2.71km$						
			LN		$M_s = 5.7$	15.0	1.80	Ecuador (107)						
			LZ		$M_s = 5.8$	20.0	5.30	BJI	140.6	343	ePKP	09 09 00.0	0.2	
DEC 10d 23h 43m $25.5 \pm 0.07s$ , SD1.94 / 10								TIY	143.7	347	PKP	09 09 02.8	-2.5	
39.65 N $\pm 0.75km$ , 118.83 E $\pm 0.60km$ , h11 $\pm 0.24km$								SSE	146.5	330	PKP	09 09 10.2	0.2	



CD2	60.5	310	eP	10 18	28.2	0.6		
LZH	62.9	315	eP	10 18	44.5	0.4		
GTA	67.3	317	+iP	10 19	12.8	0.4		
DEC 12d 13h 32m 20.1 ± 0.13s, SD1.90 / 43								
5.25 N ± 2.71km, 82.50 W ± 2.12km, h11 ± 1.00km								
Off coast of Central America (76)								
WMQ	130.4	9	ePKP	13 51	32.7	0.5		
KSH	131.2	22	ePKP	13 51	35.0	1.2		
BJI	131.8	341	ePKP	13 51	34.5	-0.2		
GTA	135.5	357	ePKP	13 51	41.8	-0.1		
LZH	138.5	352	ePKP	13 51	48.0	0.7		
			LZ		M <sub>S</sub> = 5.3	24.0	0.60	
CD2	143.6	351	ePKP	13 51	56.0	-0.1		
GYA	147.3	345	PKP	13 52	04.2	1.6		
GZH	147.9	332	ePKP	13 52	07.0	3.6		
KMI	149.4	351	ePKP	13 52	10.0	3.9		

HHC	29.5	340	eP	15 50	23.6	-0.4		
BTO	29.9	337	eP	15 50	26.5	-0.4		
			epP	15 50	35.0	-1.6		
			PP	15 51	23.0	-1.0		
			eS	15 55	20.0	-0.4		
			LN		M <sub>S</sub> = 4.7	13.0	0.40	
			LE			13.0	0.60	
CN2	30.2	1	eP	15 50	29.0	-0.5		
			pP	15 50	38.0	-1.3		
			eS	15 55	25.0	0.1		
			LZ		M <sub>S</sub> = 4.3	16.0	0.60	
GTA	33.8	324	+P	15 51	01.3	-0.5		
			LE		M <sub>S</sub> = 4.8	14.0	0.80	
			LZ		M <sub>S</sub> = 4.8	14.0	1.20	
LSA	34.9	303	+P	15 51	13.0	1.6		
WMQ	43.7	321	eP	15 52	24.5	0.4		
KSH	50.0	311	eP	15 53	15.0	1.6		

DEC 12d 15h 44m 20.3 ± 0.08s, SD1.17 / 68								
13.55 N ± 1.25km, 124.68 E ± 1.70km, h37 ± 0.28km								
Luzon (249)								
M <sub>S</sub> 4.6 / 21, m <sub>B</sub> 5.1 / 2,								
QZH	12.7	334	eP	15 47	22.0	0.5		
			LN		M <sub>S</sub> = 4.3	15.0	1.32	
			LZ		M <sub>S</sub> = 4.1	16.0	1.19	
SSE	17.8	350	eP	15 48	29.5	2.9		
			sP	15 48	38.0	-1.6		
			S	15 51	46.0	5.8		
			SME		m <sub>B</sub> = 5.2	8.0	0.93	
			LE		M <sub>S</sub> = 4.5	14.0	1.16	
			LZ		M <sub>S</sub> = 3.9	16.0	0.45	
NJ2	19.2	345	-P	15 48	44.5	0.7		
			S	15 52	12.0	-0.1		
			LN		M <sub>S</sub> = 4.4	11.0	0.46	
			LE			12.0	0.47	
			LZ		M <sub>S</sub> = 4.5	10.0	1.03	
WHN	19.4	332	eP	15 48	47.0	0.6		
			pP	15 48	56.0	1.2		
			S	15 52	22.0	4.6		
			LE		M <sub>S</sub> = 4.7	16.0	1.80	
			LZ		M <sub>S</sub> = 4.5	18.0	1.80	
GYA	21.2	310	P	15 49	05.0	-0.6		
			sP	15 49	17.0	-2.2		
			S	15 52	57.0	3.4		
			LN		M <sub>S</sub> = 4.8	15.0	1.90	
			LZ		M <sub>S</sub> = 4.5	16.0	1.40	
TIA	23.6	345	eP	15 49	29.5	0.8		
			LN		M <sub>S</sub> = 4.6	12.0	0.58	
			LE			12.0	0.50	
KMI	23.6	302	+P	15 49	31.0	1.3		
			sP	15 49	43.0	-0.3		
			LN		M <sub>S</sub> = 4.6	14.0	1.00	
			LZ		M <sub>S</sub> = 4.6	18.0	1.70	
XAN	24.9	328	+iP	15 49	41.2	-0.6		
			LN		M <sub>S</sub> = 4.7	16.0	1.10	
CD2	25.9	315	eP	15 49	51.2	0.3		
			eS	15 54	17.0	0.9		
			LE		M <sub>S</sub> = 5.0	15.0	2.11	
TIY	26.4	338	-P	15 49	55.9	-0.1		
			eS	15 54	27.0	1.8		
			sS	15 54	36.5	-4.8		
			LN		M <sub>S</sub> = 4.6	13.0	0.72	
			LZ		M <sub>S</sub> = 4.5	14.0	0.94	
BJI	27.4	346	eP	15 50	04.0	-1.1		
LZH	29.2	324	eP	15 50	20.5	-0.9		
			LZ		M <sub>S</sub> = 4.5	15.0	0.90	
			LE		M <sub>S</sub> = 4.6	12.0	0.50	
			LZ		M <sub>S</sub> = 4.7	16.0	1.50	

DEC 13d 04h 01m 37.2 ± 0.11s, SD1.22 / 99								
71.09 N ± 1.43km, 7.72 W ± 1.65km, h9 ± 0.21km								
Jan Mayen Island region (639)								
M <sub>S</sub> 6.0 / 45, m <sub>B</sub> 5.9 / 15,								
WMQ	51.0	68	eP	04 10	42.5	0.7		
			PMZ		m <sub>B</sub> = 6.0	5.0	1.23	
			PP	04 12	44.0	5.9		
			LN		M <sub>S</sub> = 6.0	11.0	4.49	
			LE			14.0	4.46	
			LZ		M <sub>S</sub> = 6.0	9.0	6.10	
KSH	51.2	81	eP	04 10	45.2	1.8		
			PMZ		m <sub>B</sub> = 6.0	6.0	1.40	
			PP	04 12	42.0	2.0		
			S	04 18	02.0	2.7		
			LE		M <sub>S</sub> = 6.1	12.0	7.50	
			LZ		M <sub>S</sub> = 5.8	16.0	7.10	
GTA	58.6	60	P	04 11	37.0	-0.2		
			PMZ		m <sub>B</sub> = 6.2	5.0	1.50	
			S	04 19	42.0	3.5		
			LN		M <sub>S</sub> = 6.2	16.0	4.80	
			LE			16.0	7.80	
BTO	60.2	51	P	04 11	48.0	-0.5		
			LN		M <sub>S</sub> = 6.0	17.0	3.20	
			LE			17.0	4.63	
HHC	60.3	50	eP	04 11	49.0	-0.5		
			S	04 20	03.0	1.6		
			LN		M <sub>S</sub> = 6.1	15.0	2.43	
			LE			14.0	6.25	
MDJ	60.6	34	eP	04 11	50.0	-1.4		
			S	04 20	08.0	2.9		
			LZ		M <sub>S</sub> = 5.3	20.0	2.06	
CN2	60.6	37	-P	04 11	50.0	-1.4		
			PMZ		m <sub>B</sub> = 5.8	5.0	0.70	
			pP	04 11	59.0	2.3		
			eS	04 20	05.0	-1.4		
			SME		m <sub>B</sub> = 6.0	7.0	1.30	
			LE		M <sub>S</sub> = 5.9	13.0	3.90	
SNY	62.1	39	eP	04 12	01.2	-0.4		
			S	04 20	28.0	3.5		
BJI	62.2	46	eP	04 12	02.0	-0.1		
			ePP	04 14	20.0	-0.4		
			eS	04 20	29.0	2.4		
			LE		M <sub>S</sub> = 6.1	15.0	6.30	
LZH	62.8	58	eP	04 12	06.0	-0.1		
			PMZ		m <sub>B</sub> = 5.8	6.0	0.82	
			PP	04 14	28.0	3.2		
			eS	04 20	28.0	-6.1		
			SME		m <sub>B</sub> = 5.6	12.0	0.74	
			LN		M <sub>S</sub> = 6.0	15.0	2.20	
			LE			16.0	4.10	

				DEC 13d 06h 29m 14.8 ± 0.08s, SD1.75 / 25 27.11 N ± 1.31km, 87.87 E ± 0.98km, h33 ± 0.16km Nepal-India border region (309)											
				M <sub>L</sub> 4.0 / 1,											
TIY	63.5	50	LZ	M <sub>S</sub> = 5.7	24.0	6.60	LSA	3.9	47	Pg	06 30 23.2	-0.8			
			+P	04 12 10.1	-0.7					Sg	06 31 10.6	-6.0			
			sP	04 12 17.0	-1.8					SMN	M <sub>L</sub> = 4.0		1.0	0.35	
			S	04 20 36.0	-5.7										
			sS	04 20 58.0	6.1										
			SS	04 24 56.5	6.2										
			LE	M <sub>S</sub> = 6.0	13.5	4.66	WMQ	16.7	360	P	06 33 09.0	1.2			
			LZ	M <sub>S</sub> = 5.9	20.0	8.22	GYA	16.8	88	P	06 33 07.4	-2.1			
DL2	64.5	42	eP	04 12 18.0	0.6		BTO	22.7	48	eP	06 34 18.8	3.5			
			eS	04 20 59.0	3.5		TIY	23.2	57	eP	06 34 21.6	1.4			
			esS	04 21 05.0	0.4		WHN	23.4	75	eP	06 34 23.0	0.8			
			LN	M <sub>S</sub> = 6.0	15.0	3.25	BJI	26.8	54	eP	06 34 55.0	1.2			
			LE		13.0	2.30									
			LZ	M <sub>S</sub> = 5.2	30.0	2.21									
LSA	65.0	72	P	04 12 22.0	0.9		DEC 13d 06h 52m 53.8 ± 0.31s, SD1.48 / 87 51.95 N ± 0.29km, 175.97 W ± 1.64km, h62 ± 2.65km Andreanof Islands (7)								
			S	04 21 02.0	1.7		M <sub>S</sub> 5.1 / 8, m <sub>B</sub> 5.9 / 1, m <sub>b</sub> 6.0 / 1,								
			LN	M <sub>S</sub> = 5.6	15.0	2.00	MDJ	36.2	280	eP	06 59 50.0	-3.0			
TIA	66.1	47	eP	04 12 27.1	-0.3					eS	07 05 24.0	-3.7			
			S	04 21 16.5	3.2					LZ	M <sub>S</sub> = 4.7	25.0	1.58		
			LE	M <sub>S</sub> = 6.2	19.0	9.30									
			LZ	M <sub>S</sub> = 5.6	25.0	4.70	SNY	41.4	281	+P	07 00 37.0	0.8			
XAN	66.1	54	P	04 12 26.5	-1.0					sP	07 00 55.5	-2.1			
			S	04 21 14.0	0.6					eS	07 06 44.0	-2.2			
			LE	M <sub>S</sub> = 6.3	18.0	11.5				LN	M <sub>S</sub> = 5.1	26.0	1.89		
CD2	67.6	60	eP	04 12 37.7	0.4					LE		24.0	1.28		
			eS	04 21 36.0	2.6					LZ	M <sub>S</sub> = 5.0	24.0	2.34		
			LE	M <sub>S</sub> = 6.0	15.0	4.09	DL2	44.4	278	eP	07 01 01.0	0.8			
NJ2	70.5	46	-P	04 12 54.0	-0.7					epP	07 01 15.0	0.0			
			iS	04 22 07.0	0.0					eS	07 07 30.0	0.8			
			LN	M <sub>S</sub> = 5.9	14.0	2.40				LZ	M <sub>S</sub> = 4.6	35.0	1.26		
			LE		15.0	1.97	BJI	47.0	283	eP	07 01 23.0	2.1			
			LZ	M <sub>S</sub> = 5.7	12.0	2.98				esP	07 01 39.0	-3.3			
WHN	70.8	51	P	04 12 56.0	-0.8					ePcP	07 02 54.0	2.1			
			PMZ	m <sub>B</sub> = 5.9	5.0	0.70				eS	07 08 05.0	-1.5			
			PP	04 15 38.0	3.1					LZ	M <sub>S</sub> = 5.0	24.0	1.95		
			S	04 22 12.0	2.4		TIA	48.8	279	P	07 01 35.6	0.2			
			LE	M <sub>S</sub> = 6.2	18.0	8.20				eS	07 08 28.0	-4.8			
			LZ	M <sub>S</sub> = 5.7	20.0	4.50				LN	M <sub>S</sub> = 4.8	35.0	0.80		
SSE	71.9	45	P	04 13 04.0	0.5					LE		35.0	0.80		
			pP	04 13 09.0	0.1					LZ	M <sub>S</sub> = 4.7	36.0	1.50		
			PP	04 15 50.5	6.5		HHC	49.2	287	eP	07 01 38.8	0.3			
			eS	04 22 25.0	1.1					pP	07 01 58.0	4.7			
			LE	M <sub>S</sub> = 6.2	16.0	5.93	SSE	49.8	271	+iP	07 01 43.5	0.9			
			LZ	M <sub>S</sub> = 5.7	18.0	4.08				PcP	07 03 03.0	1.1			
GYA	72.6	59	P	04 13 07.0	-0.9					eS	07 08 46.0	0.3			
			sP	04 13 12.0	-3.8					sS	07 09 09.0	-2.7			
			PP	04 15 52.0	1.5					LZ	M <sub>S</sub> = 4.4	22.0	0.48		
			S	04 22 32.0	1.3		BTO	50.3	288	eP	07 01 46.0	-0.8			
			SS	04 27 10.0	-2.1					pP	07 02 01.5	0.0			
			LN	M <sub>S</sub> = 6.0	15.0	1.80				ePP	07 03 43.0	0.6			
			LE		15.0	3.10				eS	07 08 54.0	0.7			
KMI	72.8	63	-P	04 13 07.0	-1.9					LN	M <sub>S</sub> = 5.2	17.0	0.50		
			iS	04 22 33.0	-1.3					LE		17.0	1.10		
			LZ	M <sub>S</sub> = 5.7	20.0	4.50				LZ	M <sub>S</sub> = 5.0	17.0	1.20		
QZH	77.2	49	eP	04 13 34.5	0.4		NJ2	50.5	273	+P	07 01 48.4	-0.2			
			sP	04 13 40.0	-2.1					sP	07 02 08.0	-2.0			
			S	04 23 22.0	0.6					TIY	50.7	283	+P	07 01 49.5	-0.3
			SS	04 28 23.0	1.0										
			LE	M <sub>S</sub> = 6.1	20.0	5.97				PMZ	m <sub>B</sub> = 5.9	5.0	0.78		
			LZ	M <sub>S</sub> = 5.8	19.0	4.17				pP	07 02 03.5	-1.2			
GZH	77.7	54	eP	04 13 33.0	-3.5					sP	07 02 10.0	-1.2			
			S	04 23 28.0	1.8					PP	07 03 50.0	4.0			
			LN	M <sub>S</sub> = 6.0	15.0	1.96				sS	07 09 25.0	0.3			
			LE		14.0	3.10				LN	M <sub>S</sub> = 5.5	18.0	1.46		
QZN	80.6	58	P	04 13 53.0	0.6					LE		20.0	2.46		
			S	04 24 03.0	6.0					LZ	M <sub>S</sub> = 5.0	25.0	2.07		
			LE	M <sub>S</sub> = 6.1	23.0	6.81	WHN	54.4	275	-P	07 02 16.5	-0.6			
										sP	07 02 36.2	-2.6			

XAN	55.3	282	P	07 02 23.0	-0.7		
LZH	56.9	288	eP	07 02 35.5	-0.1		
			sP	07 02 55.0	-2.1		
			LZ		$M_s=4.9$	20.0	1.10
GTA	57.0	293	eP	07 02 34.4	-1.7		
			LZ		$M_s=5.1$	20.0	1.64
GZH	60.3	270	eP	07 02 59.0	-0.3		
WMQ	60.5	304	P	07 02 56.5	-3.9		
			eS	07 11 11.0	1.5		
			LZ		$M_s=4.9$	22.0	0.94
CD2	60.6	283	eP	07 03 00.8	-0.1		
GYA	62.0	278	+P	07 03 10.0	-0.6		
			sP	07 03 29.0	-3.3		
KMI	65.4	280	+P	07 03 33.0	0.1		
			pP	07 03 47.5	-0.6		
			sP	07 03 52.0	-2.6		
			S	07 12 14.0	4.9		
			LE		$M_s=5.4$	16.0	1.20
			LZ		$M_s=5.0$	36.0	2.00
QZN	65.5	270	P	07 03 34.4	0.7		
			eS	07 12 13.0	0.7		
LSA	68.9	291	P	07 03 57.0	1.7		
KSH	69.6	308	eP	07 04 04.0	4.9		

DEC 13d 11h 00m  $35.3 \pm 0.04s$ , SD0.90 / 25  
37.85 N  $\pm 0.78km$ , 21.26 E  $\pm 0.83km$ , h54  $\pm 0.39km$   
Ionian Sea (399)

WMQ	49.4	61	eP	11 09 22.7	0.2		
GTA	59.5	62	eP	11 10 35.0	-0.9		
CD2	66.4	68	eP	11 11 21.0	-0.4		
GYA	70.9	71	P	11 11 49.6	0.1		

DEC 13d 16h 55m  $09.3 \pm 0.07s$ , SD1.28 / 70  
28.73 N  $\pm 1.64km$ , 141.77 E  $\pm 1.49km$ , h52  $\pm 0.66km$   
Bonin Islands region (212)  
 $M_s 4.1 / 2$ ,

SSE	18.0	283	eP	16 59 18.0	0.3		
			esS	17 02 52.0	2.4		
MDJ	18.6	332	eP	16 59 23.5	-1.2		
DL2	19.5	307	eP	16 59 36.3	0.8		
SNY	19.7	316	eP	16 59 37.6	0.0		
CN2	19.9	323	eP	16 59 40.0	0.2		
			eS	17 03 14.0	-1.9		
			LE		$M_s=4.2$	13.0	0.50
			LZ		$M_s=4.2$	20.0	1.00
NJ2	20.0	285	+P	16 59 41.0	0.0		
			S	17 03 16.0	-1.5		
			sS	17 03 35.0	-0.1		
QZH	21.0	265	eP	16 59 53.3	2.2		
			eS	17 03 41.0	4.2		
TIA	22.1	296	eP	17 00 01.4	-0.1		
BJI	23.9	305	eP	17 00 19.0	-0.1		
WHN	23.9	281	eP	17 00 20.8	1.5		
HHC	27.5	304	eP	17 00 52.1	-1.0		
XAN	28.5	289	P	17 01 01.0	-1.1		
BTO	28.5	303	eP	17 01 03.0	0.3		
GYA	31.1	274	P	17 01 25.6	-0.3		
			pP	17 01 37.0	-1.1		
			S	17 06 23.6	-1.7		
LZH	32.7	293	eP	17 01 38.0	-1.6		
CD2	32.9	283	P	17 01 41.1	-0.6		
GTA	36.1	298	P	17 02 06.6	-1.9		
WMQ	45.3	304	eP	17 03 24.5	-0.2		

DEC 13d 21h 04m  $56.8 \pm 0.50s$ , SD2.04 / 15  
23.42 N  $\pm 3.87km$ , 120.97 E  $\pm 3.65km$ , h5  $\pm 0.70km$   
Taiwan (244)  
 $M_s 4.3 / 1$ ,  $M_L 3.8 / 14$ ,

QZH	2.6	305	-Pn	21 05 41.0	0.6		
			iSn	21 06 16.5	1.7		
			SMN		$M_L=3.4$	0.3	0.23
			SME			0.3	0.18
GZH	7.0	269	ePn	21 06 41.2	0.7		
			SMN		$M_L=4.1$	1.0	0.10
			SME			1.0	0.060
SSE	7.6	1	ePn	21 06 51.0	1.9		
			SME		$M_L=3.8$	1.0	0.033
TIY	16.0	335	eP	21 08 47.4	2.7		
			LN		$M_s=4.3$	12.0	0.70
			LZ		$M_s=4.3$	12.0	1.08

DEC 14d 09h 45m  $07.6 \pm 0.15s$ , SD1.45 / 23  
39.82 N  $\pm 0.83km$ , 20.40 E  $\pm 0.75km$ , h65  $\pm 1.32km$   
Greece-Albania border region (392)

WMQ	49.1	62	P	09 53 51.5	0.7		
GTA	59.1	63	eP	09 55 03.8	-0.8		
LZH	63.6	64	eP	09 55 33.5	-0.9		

DEC 14d 11h 46m  $01.9 \pm 0.07s$ , SD1.30 / 85  
39.28 N  $\pm 1.46km$ , 71.81 E  $\pm 1.10km$ , h57  $\pm 0.29km$   
Afghanistan-USSR border region (717)  
 $M_s 5.3 / 37$ ,  $M_L 5.1 / 2$ ,  $m_B 5.5 / 3$ ,

KSH	3.2	84	P	11 46 52.8	1.4		
			S	11 47 32.0	5.1		
			SMN		$M_L=5.0$	0.6	5.10
			SME			0.8	5.10
WMQ	12.7	64	-iP	11 49 00.0	-2.7		
			S	11 51 27.0	4.8		
			LN		$M_s=5.7$	8.0	12.8
			LE			8.0	12.1
			LZ		$M_s=5.0$	10.0	6.12
LSA	18.6	115	P	11 50 17.0	-0.1		
			pP	11 50 27.0	-0.3		
			LN		$M_s=5.1$	7.0	1.39
			LE			8.0	1.87
GTA	21.6	81	+P	11 50 49.4	-0.1		
			PMZ		$m_B=5.3$	2.5	0.42
			LE		$M_s=5.2$	10.0	3.31
			LZ		$M_s=5.1$	15.0	5.02
LZH	25.5	87	eP	11 51 28.0	1.0		
			PMZ		$m_B=5.5$	6.0	0.82
			SME		$m_B=5.5$	12.0	1.72
			LN		$M_s=5.2$	12.0	2.70
			LZ		$M_s=5.0$	18.0	4.20
CD2	27.3	98	eP	11 51 44.8	0.9		
			eS	11 56 24.0	6.5		
			LE		$M_s=5.3$	9.0	2.09
BTO	29.2	75	eP	11 52 01.0	0.4		
			pP	11 52 13.0	-0.9		
			eS	11 56 51.0	3.8		
			LN		$M_s=5.3$	13.0	3.00
			LE			13.0	1.60
			LZ		$M_s=4.9$	13.0	2.00
KMI	29.6	109	-P	11 52 04.0	-0.2		
			LN		$M_s=5.1$	16.0	2.40
XAN	30.1	88	P	11 52 08.2	-0.4		
			LN		$M_s=5.4$	12.0	2.67
			LE			19.0	3.34
HHC	30.3	74	eP	11 52 12.6	2.1		
			eS	11 57 08.0	3.2		
			LN		$M_s=5.5$	8.5	2.47
			LE			7.5	0.87
			LZ		$M_s=4.9$	16.0	2.37
TIY	31.7	80	-P	11 52 22.6	0.2		
			S	11 57 28.0	3.0		
			sS	11 57 44.0	-5.6		

GYA	31.7	103	LN	$M_s = 5.3$	10.5	1.96	LSA	34.7	317	P	17 13 12.8	0.3				
			LZ	$M_s = 5.0$	23.0	3.73	HHC	35.4	352	eP	17 13 18.0	-0.6				
			P	11 52 23.0	-0.3	BTO	35.4	350	eP	17 13 18.0	-0.6					
			sP	11 52 39.4	-3.5	GTA	37.3	337	+iP	17 13 34.0	-0.2					
			LE	$M_s = 5.0$	12.0	1.30	WMQ	46.3	330	eP	17 14 48.0	0.4				
BJI	33.9	74	LZ	$M_s = 4.7$	16.0	1.20	KSH	50.5	318	P	17 15 21.5	0.8				
			eP	11 52 41.5	-0.3	DEC 14d 19h 35m $19.1 \pm 0.13s$ , SD3.62 / 12 $38.88 N \pm 1.20km$ , $120.03 E \pm 1.08km$ , $h17 \pm 0.43km$ North-Eastern China (658) $M_L 3.1 / 12$ ,										
			ePcP	11 55 21.5	2.9											
TIA	35.7	80	LN	$M_s = 5.3$	11.0	2.10	DL2	1.3	88	+Pg	19 35 38.3	-3.1				
			LZ	$M_s = 4.9$	21.0	2.60	Sg	19 35 53.0	-5.6							
			P	11 52 56.9	-0.2	SMN	$M_L = 3.6$	0.3	1.37							
WHN	35.7	91	S	11 58 33.6	6.0		SME			0.3	0.77					
			LN	$M_s = 5.1$	11.0	0.90	BJI	3.2	293	ePg	19 36 12.0	-3.7				
			LE	$M_s = 5.2$	12.0	1.50	eSn	19 36 49.0	0.3							
			LZ	$M_s = 5.3$	16.0	4.20	SMN	$M_L = 2.8$	0.5	0.030						
			P	11 52 58.5	1.4	SME		0.5	0.030							
DL2	38.3	74	pP	11 53 06.2	-4.7		TIA	3.5	222	Pn	19 36 13.7	0.2				
			LE	$M_s = 5.2$	12.0	1.50	Pg	19 36 28.1	6.8							
			LZ	$M_s = 5.3$	16.0	4.20	Sg	19 37 10.8	1.3							
QZN	38.5	111	eP	11 53 20.0	1.2		SMN	$M_L = 2.5$	0.4	0.020						
			LN	$M_s = 5.2$	10.0	0.86	SME		0.3	0.010						
			LE	$M_s = 4.7$	9.0	0.81	SNY	4.0	42	+Pg	19 36 31.2	1.2				
NJ2	38.5	86	eS	11 59 18.0	6.5		Sg	19 37 25.2	0.5							
			+P	11 53 22.7	1.6		SMN	$M_L = 3.3$	0.6	0.070						
			eS	11 59 16.0	3.8		SME		0.6	0.057						
SNY	38.9	69	LN	$M_s = 5.1$	10.0	0.82	DEC 15d 02h 57m $15.4 \pm 0.12s$ , SD1.92 / 40 $21.04 N \pm 1.55km$ , $120.84 E \pm 1.94km$ , $h32 \pm 0.44km$ Philippine Islands region (248) $M_s 4.0 / 1$ , $M_L 3.8 / 12$ ,									
			LE	$M_s = 5.4$	10.0	2.90										
			+P	11 53 25.5	1.2	QZH	4.4	332	ePn	02 58 20.7	0.3					
			esP	11 53 40.0	-4.4	eSn	02 59 08.5	-3.6								
			eS	11 59 14.0	-4.1	SME	$M_L = 3.5$	0.7	0.080							
CN2	39.8	66	LN	$M_s = 5.5$	18.0	3.91	QZN	10.5	261	P	02 59 45.3	-2.0				
			LZ	$M_s = 5.2$	15.0	2.76	eS	03 01 42.0	-3.4							
			eP	11 53 32.0	0.3	LN	$M_s = 4.0$	15.0	0.64							
SSE	40.8	86	eS	11 59 35.0	3.6		LE			15.0	0.79					
			LN	$M_s = 5.4$	10.0	1.70	GYA	14.1	295	P	03 00 33.6	-1.1				
			LZ	$M_s = 5.0$	17.0	2.10	pP	03 00 44.0	2.4							
			P	11 53 39.2	-0.2	S	03 03 10.0	0.0								
			sP	11 53 56.5	-3.0	KMI	17.1	287	+P	03 01 19.0	4.5					
QZH	41.7	96	eS	11 59 48.0	2.7		CD2	18.2	306	P	03 01 29.0	1.3				
			LN	$M_s = 5.3$	14.0	1.54	BJI	19.3	349	eP	03 01 41.5	0.4				
			LE	$M_s = 4.5$	14.0	0.77	LZH	21.1	319	eP	03 02 00.0	0.0				
			LZ	$M_s = 5.0$	17.0	2.10	pP	03 02 11.0	2.6							
			eP	11 53 46.0	-1.0	LZ	$M_s = 4.1$	14.0	0.50							
MDJ	42.5	63	eS	12 00 02.0	3.0		HHC	21.3	340	eP	03 02 03.8	2.3				
			LN	$M_s = 5.2$	12.0	0.84	BTO	21.6	337	eP	03 02 07.6	3.1				
			LE	$M_s = 5.2$	12.0	1.08	DEC 15d 06h 40m $51.1 \pm 0.08s$ , SD1.70 / 92 $46.54 N \pm 1.24km$ , $95.59 E \pm 0.97km$ , $h24 \pm 0.21km$ Mongolia (334) $M_s 5.1 / 30$ , $M_L 5.4 / 3$ ,									
eP	11 53 54.5	0.5														
QZN	15.4	330	eP	17 10 02.2	1.0		WMQ	6.2	247	-iPn	06 42 25.0	3.2				
			eS	17 12 54.0	4.5		SME			3.0	15.2					
GYA	23.2	334	P	17 11 32.4	3.6		GTA	7.8	155	+iPn	06 42 44.2	0.8				
KMI	24.1	325	eP	17 11 38.0	0.4		Pg	06 43 12.8	4.5							
WHN	24.9	353	eP	17 11 48.0	2.9		Sn	06 44 07.0	-5.7							
SSE	25.5	7	eP	17 11 51.0	0.9		Sg	06 44 50.0	-4.6							
CD2	28.3	334	eP	17 12 15.3	-1.3		BTO	12.0	114	eP	06 43 42.0	-2.4				
XAN	29.4	345	eP	17 12 26.5	0.7		eS	06 45 55.0	-3.9							
TIA	30.4	359	eP	17 12 38.1	3.5		LN	$M_s = 5.0$	10.0	2.20						
TIY	32.2	352	eP	17 12 51.4	0.4		LE		10.0	4.00						
LZH	32.8	339	eP	17 12 52.5	-4.0		LZH	12.1	146	eP	06 43 47.0	1.0				
BJI	34.2	358	eP	17 13 08.0	0.0		PMZ			3.0	0.40					



					DEC 15d 09h 21m 17.6 ± 0.07s, SD0.93 / 76														
					51.28 N ± 1.89km, 157.87 E ± 1.27km, h37 ± 0.24km														
					Kurile Islands (221)														
					M <sub>S</sub> 4.5 / 1,														
HHC	12.9	110	P	06 43 54.4	-1.4	6.0	6.40	MDJ	20.0	262	eP	09 25 48.6	-1.5						
			LZ			12.0	3.20				sP	09 26 04.5	0.8						
			LZ			13.0	7.90				eP	09 26 20.5	0.2						
TIY	15.3	119	eP	06 44 26.4	-0.8			CN2	23.0	264	+P	09 26 41.2	-0.5						
			LN			9.0	3.89	SNY	25.2	261	eP	09 27 32.0	-0.8						
			LE			8.0	3.81	BJI	30.8	265	LZ			20.0	1.15				
KSH	16.0	251	eP	06 44 35.0	-1.5			SSE	33.7	247	P	09 27 58.0	0.2						
			LN			8.0	6.60	NJ2	34.4	251	+P	09 28 03.2	-0.4						
XAN	16.1	136	P	06 44 35.0	-2.6			TIY	34.6	265	eP	09 28 04.4	-0.9						
			LN			8.0	1.55	WHN	38.2	254	eP	09 28 35.0	-0.5						
			LE			8.0	3.95	QZH	39.9	244	eP	09 28 50.2	0.5						
BJI	16.3	106	eP	06 44 40.0	-0.5			LZH	41.0	270	eP	09 28 59.5	0.4						
			LZ			12.0	2.83	GTA	41.5	277	+P	09 29 03.0	-0.1						
CD2	16.8	155	eP	06 44 49.0	1.7			GZH	44.3	248	P	09 29 27.0	0.9						
LSA	17.2	193	P	06 44 56.0	4.2			CD2	44.4	264	eP	09 29 27.4	0.2						
			LN			11.0	1.62	GYA	45.8	257	P	09 29 37.8	-0.2						
TIA	19.1	115	-P	06 45 16.0	0.7			WMQ	46.3	290	+iP	09 29 42.0	0.0						
			eS	06 48 50.0	5.7			KMI	49.2	259	+P	09 30 04.5	-0.1						
			LN			13.0	2.30				eS	09 37 05.7	-1.0						
			LE			13.0	1.70				LZ			20.0	0.50				
DL2	20.5	102	eP	06 45 33.5	2.8			QZN	49.5	248	P	09 30 08.3	1.3						
			esP	06 45 46.0	4.3			LSA	53.2	273	P	09 30 36.4	1.2						
SNY	20.6	93	-iP	06 45 32.0	1.0			DEC 15d 11h 28m 50.9 ± 0.27s, SD3.15 / 13											
CN2	21.2	87	+P	06 45 37.4	0.1			35.97 N ± 0.44km, 80.78 E ± 1.83km, h29 ± 3.12km											
WHN	21.6	131	eP	06 45 40.5	-1.1			Kashmir-Tibet border region (304)											
			LE			10.0	2.30	M <sub>L</sub> 4.2 / 6,											
GYA	21.9	152	+P	06 45 44.0	-0.6			KSH	5.2	314	Pn	11 30 10.5	2.8						
			pP	06 45 54.0	2.0						Pg	11 30 21.5	-1.8						
			S	06 49 43.6	4.1						Sn	11 31 14.0	5.3						
			LN			10.0	1.40				Sg	11 31 32.0	-2.9						
			LE			10.0	2.40				SMN			M <sub>L</sub> = 4.3	0.5	0.30			
KMI	22.1	163	+P	06 45 46.0	-1.1						SME				0.5	0.40			
			sP	06 46 02.0	4.1			WMQ	9.5	32	eP	11 31 12.6	4.0						
			eS	06 49 47.0	2.0						SMN				1.0	0.030			
			LE			11.0	2.30				SME				0.8	0.030			
			LZ			10.0	1.30	DEC 15d 21h 49m 33.6 ± 0.09s, SD2.47 / 34											
NJ2	23.0	121	+P	06 45 57.7	2.4			31.48 N ± 0.99km, 110.83 E ± 1.02km, h15 ± 0.04km											
			LN			13.0	1.75	Eastern China (664)											
			LE			10.0	0.91	M <sub>S</sub> 3.8 / 1, M <sub>L</sub> 4.0 / 24,											
SSE	25.1	119	P	06 46 16.5	1.0			XAN	3.0	328	+iPn	21 50 23.0	1.5						
			eS	06 50 40.0	4.1						Pg	21 50 29.0	2.1						
			sS	06 50 53.0	4.6						Sg	21 51 05.5	-2.7						
			LN			16.0	2.68				SMN			M <sub>L</sub> = 4.0	1.0	0.70			
			LE			16.0	2.16				SME				1.0	0.60			
			LZ			16.0	1.34				LN			M <sub>S</sub> = 3.8	6.0	1.72			
QZH	28.3	132	eP	06 46 44.0	-1.5						LE				8.0	1.24			
			eS	06 51 28.0	-1.3						WHN	3.2	106	-Pn	21 50 25.5	2.2			
			LE			10.0	0.72							Pg	21 50 33.4	3.9			
QZN	29.8	152	eP	06 46 59.0	-0.1									Sg	21 51 15.5	2.7			
			eS	06 51 54.0	0.5									SMN			M <sub>L</sub> = 4.0	1.0	0.65
			LE			13.0	2.60							SME				0.7	0.54
					DEC 15d 07h 04m 04.1 ± 0.07s, SD2.43 / 9														
					30.21 N ± 0.60km, 102.25 E ± 0.65km, h10 ± 0.03km														
					Sichuan Province (307)														
					M <sub>L</sub> 3.4 / 6,														
CD2	1.5	61	ePg	07 04 30.1	-0.1			CD2	6.1	267	ePn	21 51 05.2	1.6						
			Sg	07 04 51.3	1.0						Sn	21 52 13.9	-1.3						
			SMN			0.8	0.21				SMN			M <sub>L</sub> = 3.9	1.0	0.080			
			SME			0.8	0.17				SME				0.8	0.090			
GYA	5.4	133	ePn	07 05 26.6	1.6			GYA	6.2	217	Pn	21 51 07.6	2.5						
			Pg	07 05 45.8	6.6						Sn	21 52 14.4	-3.3						
			Sn	07 06 27.4	-1.8						SMN			M <sub>L</sub> = 4.3	1.4	0.28			
			Sg	07 06 54.8	1.9						SME				1.4	0.15			
			SMN			1.0	0.060	TIY	6.4	12	+iPn	21 51 07.6	0.2						
			SME			1.0	0.020				iPg	21 51 31.6	5.7						
											Sg	21 52 53.8	0.9						

			SMN		$M_L=3.9$	1.0	0.070	WHN	83.5	304	-P	09 42 19.0	-2.5		
			SME			1.0	0.090	BJI	85.8	313	eP	09 42 34.0	0.8		
TIA	7.0	46	ePg	21 51	40.2	2.0		TIY	87.6	310	eP	09 42 43.6	1.6		
			eSg	21 53	13.0	-1.5		XAN	89.0	306	P	09 42 48.5	-0.2		
			SMN		$M_L=3.8$	1.4	0.060	BTO	90.4	312	eP	09 42 57.0	1.7		
			SME			1.0	0.030				pP	09 43 09.5	5.1		
LZH	7.4	310	ePn	21 51	24.0	2.0					eSKS	09 53 23.0	1.9		
			SMN		$M_L=4.8$	1.5	0.39				S	09 53 46.0	1.6		
			SME			1.5	0.28								
			SMZ			2.5	0.70								
BTO	9.1	356	eP	21 51	48.2	0.0									
GTA	12.0	314	eP	21 52	26.8	-0.4									
			LN			1.2	0.026								
			LE			1.0	0.015								
<p>DEC 16d 03h 49m <math>53.7 \pm 0.13s</math>, SD3.28 / 9  <math>39.89 N \pm 1.28km</math>, <math>118.61 E \pm 1.10km</math>, <math>h13 \pm 0.30km</math>                      North-Eastern China (658)  <math>M_L 3.1 / 10</math>,</p>															
TIA	3.9	198	ePg	03 51	06.2	4.3									
			Sn	03 51	45.8	5.5									
			SMN		$M_L=2.8$	0.3	0.014								
			SME			0.3	0.026								
<p>DEC 16d 08h 01m <math>23.8 \pm 0.06s</math>, SD0.97 / 50  <math>56.57 N \pm 1.45km</math>, <math>152.38 W \pm 1.01km</math>, <math>h35 \pm 0.51km</math>                      Kodiak Island region (13)  <math>M_S 5.2 / 5</math>,</p>															
CN2	51.0	293	+P	08 10	24.5	-0.6									
SNY	53.4	292	eP	08 10	42.8	0.0									
BJI	58.5	296	eP	08 11	19.0	-0.3									
HHC	60.1	300	eP	08 11	30.6	-0.3									
BTO	61.0	300	eP	08 11	37.0	-0.2									
			epP	08 11	42.0	-4.9									
			eS	08 19	53.0	0.6									
			LN		$M_S=5.4$	12.0	0.80								
			LE			12.0	0.60								
			LZ		$M_S=5.2$	12.0	1.00								
TIY	62.1	297	eP	08 11	45.0	0.6									
			LN		$M_S=5.0$	13.0	0.48								
GTA	66.7	307	eP	08 12	14.0	-0.2									
			LE		$M_S=5.3$	16.0	0.90								
			LZ		$M_S=5.2$	16.0	1.20								
WHN	66.8	290	eP	08 12	14.0	-0.7									
LZH	67.6	302	eP	08 12	20.0	0.3									
WMQ	68.0	317	P	08 12	23.5	1.2									
			eS	08 21	20.0	2.0									
			LZ		$M_S=4.8$	16.0	0.47								
GYA	74.1	294	P	08 12	59.0	0.1									
KSH	75.9	323	eP	08 13	10.0	0.2									
<p>DEC 16d 09h 17m <math>05.7 \pm 0.08s</math>, SD1.46 / 22  <math>14.51 N \pm 3.53km</math>, <math>90.35 W \pm 5.16km</math>, <math>h70 \pm km</math>                      Guatemala (70)</p>															
BJI	120.4	337	ePKP	09 35	50.0	-0.2									
SSE	125.5	327	PKP	09 36	00.0	0.0									
GTA	125.5	350	ePKP	09 35	59.4	-0.9									
NJ2	125.9	329	PKP	09 36	01.0	0.2									
LZH	127.9	345	ePKP	09 36	06.0	1.0									
WHN	129.3	332	ePKP	09 36	06.5	-0.9									
GYA	136.0	338	PKP	09 36	21.0	0.8									
<p>DEC 16d 09h 29m <math>54.5 \pm 0.10s</math>, SD1.24 / 34  <math>15.43 S \pm 1.95km</math>, <math>172.90 W \pm 1.46km</math>, <math>h31 \pm 0.22km</math>                      Tonga (173)</p>															
CN2	81.4	320	eP	09 42	11.0	0.2									
DL2	81.5	314	eP	09 42	13.0	1.5									
SNY	81.6	317	+P	09 42	12.6	0.7									
								QZH	81.7	305	+P	10 09 34.0	0.1		
											PMZ	$m_B=6.5$	4.0	2.50	
											sP	10 09 48.0	0.6		
											eS	10 19 42.0	-1.6		
											LE	$M_S=6.0$	20.0	4.48	
											LZ	$M_S=5.6$	24.0	3.38	
								SSE	83.8	311	+iP	10 09 44.0	-0.5		
											PMZ	$m_B=6.1$	8.0	1.68	
											pP	10 09 52.0	-2.2		
											eS	10 20 02.0	-2.5		
											sS	10 20 20.0	-0.6		
											LN	$M_S=6.2$	20.0	4.09	
											LE		20.0	4.12	
											LZ	$M_S=6.0$	24.0	7.04	
								GZH	84.5	300	+iP	10 09 49.0	1.1		
								QZN	84.9	295	+P	10 09 49.0	-0.9		
											PP	10 13 07.0	-0.3		
											SKS	10 20 05.0	-2.2		
											S	10 20 13.0	-0.5		
											sS	10 20 32.0	0.7		
											LE	$M_S=5.9$	19.0	3.31	
								NJ2	86.0	310	+P	10 09 55.2	0.1		
											PMZ	$m_B=6.6$	4.5	2.71	
											LN	$M_S=6.1$	21.0	4.20	
											LE		20.0	3.21	
											LZ	$M_S=5.5$	20.0	2.14	
								WHN	88.1	307	+P	10 10 06.0	0.5		
											PMZ	$m_B=6.5$	4.0	1.43	
											sP	10 10 22.0	2.8		
											PP	10 13 36.0	2.0		
											eSKS	10 20 30.0	1.8		
											S	10 20 50.0	5.7		
											LE	$M_S=6.2$	20.0	5.30	
								MDJ	88.2	325	eP	10 10 06.5	0.6		
											pP	10 10 17.0	1.3		
											LZ	$M_S=5.8$	25.0	4.70	
								DL2	88.6	317	-iP	10 10 08.0	0.1		
											PMZ	$m_B=6.5$	6.0	2.10	
											sP	10 10 20.0	-1.6		
											ePP	10 13 36.0	-1.9		
											eSKS	10 20 30.0	-1.2		
											eS	10 20 50.0	-0.5		
											sS	10 21 10.0	3.4		
											LE	$M_S=6.1$	20.0	4.83	
											LZ	$M_S=5.8$	27.0	5.36	
								SNY	89.4	320	+iP	10 10 11.6	-0.1		
											PMZ	$m_B=6.5$	5.0	1.84	
											pP	10 10 23.0	1.5		
											S	10 20 58.0	1.7		
											SMN	$m_B=6.0$	11.0	1.19	
											SME		12.0	1.08	
											LN	$M_S=6.2$	28.0	5.50	
											LE		28.0	5.84	
											LZ	$M_S=6.0$	26.0	6.91	
								TIA	89.7	313	+P	10 10 13.3	0.3		



CN2	89.7 323	sP	10 10 26.1	-0.5				SKS	10 21 48.7	0.8		
		S	10 21 02.0	3.3				LE	$M_s=6.1$		19.0	1.66
		LN	$M_s=6.3$	26.0	3.22			LZ	$M_s=6.0$		26.0	5.68
		LE		26.0	7.84	WMQ	113.0 308	-iPKP	10 15 51.2	0.2		
		LZ	$M_s=6.2$	26.0	10.7			PP	10 16 40.0	-3.8		
		+iP	10 10 13.0	-0.3				SKS	10 22 55.0	-2.0		
		PMZ	$m_B=6.8$	4.0	2.80			LE	$M_s=6.4$		24.0	6.90
GYA	91.4 300	pP	10 10 22.5	-0.5			LZ	$M_s=6.2$		25.0	7.65	
		SMN	$m_B=6.4$	8.0	3.00	KSH	120.1 301	+iPKP	10 16 06.0	1.0		
		LN	$M_s=6.1$	20.0	5.00			ePP	10 17 33.0	0.1		
		LZ	$M_s=6.1$	28.0	9.60			eSKS	10 23 12.0	1.3		
		+P	10 10 21.0	-0.2				LN	$M_s=6.3$		18.0	4.10
		sP	10 10 34.0	-0.7								
		SKS	10 20 46.0	-1.9								
BJI	92.6 315	S	10 21 12.0	-2.2			DEC 16d 12h 26m $35.1 \pm 0.21s$ , $SD1.92 / 35$ $23.10 S \pm 2.07km$ , $66.67 W \pm 3.61km$ , $h211 \pm 1.50km$ Chile-Argentina border region (127)					
		LN	$M_s=6.0$	18.0	1.30	WMQ	150.5 39	-iPKP	12 46 02.5	5.3		
		LE		18.0	2.60	CN2	157.1 337	ePKP	12 46 02.0	-4.2		
		LZ	$M_s=5.6$	26.0	2.70			PKP2	12 46 36.5	-2.4		
		eP	10 10 26.5	0.0				GTA	160.1 32	ePKP	12 46 09.6	-0.4
		PMZ	$m_B=6.4$	6.0	1.10	BTO	162.3 8	ePKP	12 46 13.4	1.2		
		eSKS	10 20 56.0	1.3				BJI	162.9 353	ePKP	12 46 13.0	0.3
TIY	93.6 312	eS	10 21 20.0	-6.4			WHN	172.5 353	PKP	12 46 20.0	0.4	
		LN	$M_s=6.2$	22.0	4.80			PKP2	12 47 44.5	-1.9		
		LE		22.0	3.90	GYA	173.1 60	PKP	12 46 20.0	0.0		
		LZ	$M_s=6.2$	38.0	15.8	DEC 16d 19h 29m $01.9 \pm 0.08s$ , $SD1.20 / 102$ $29.41 N \pm 1.28km$ , $142.10 E \pm 1.57km$ , $h12 \pm 0.24km$ Bonin Islands region (212)						
		+P	10 10 31.6	0.5				$M_s5.4 / 41$ , $m_B5.2 / 6$ , $m_p5.7 / 1$ ,				
		PMZ	$m_B=6.4$	1.2	0.20	MDJ	18.1 330	eP	19 33 16.5	0.8		
		PP	10 14 16.0	-1.8				S	19 36 35.0	0.2		
KMI	93.7 297	LN	$M_s=6.1$	22.0	5.00	SSE	18.1 281	+P	19 33 17.5	1.7		
		+P	10 10 33.0	1.1				PMZ	$m_B=5.0$		12.0	0.91
		PMZ	$m_B=6.2$	5.0	0.60			ePP	19 33 35.0	4.8		
		sP	10 10 47.5	2.2				SS	19 37 04.0	5.9		
		SKS	10 21 03.5	2.6				LN	$M_s=5.2$		16.0	5.36
		S	10 21 31.0	-3.3				LE			17.0	2.55
		sS	10 21 53.0	0.8				LZ	$M_s=4.8$		20.0	4.38
XAN	93.9 307	LE	$M_s=6.1$	20.0	4.30			DL2	19.4 305	eP	19 33 31.0	0.4
		LZ	$M_s=6.0$	20.0	5.20			pP	19 33 39.0	3.5		
		P	10 10 32.5	0.0				ePP	19 33 50.0	2.5		
		LN	$M_s=6.2$	20.0	2.82			eS	19 37 06.0	2.7		
		LE		18.0	3.93			LN	$M_s=5.6$		15.0	6.49
		eP	10 10 42.6	0.9				LE			15.0	13.8
		PP	10 14 36.0	0.6				LZ	$M_s=5.2$		15.0	8.46
CD2	95.9 302	eSKS	10 21 06.3	-6.7			SNY	19.5 315	-iP	19 33 31.2	-0.3	
		S	10 21 54.0	0.9				pP	19 33 39.0	2.6		
		LZ	$M_s=5.9$	25.0	4.60			S	19 37 08.0	3.6		
		+P	10 10 42.0	0.2				LN	$M_s=5.2$		12.0	2.98
		SKS	10 21 16.0	3.0				LE			13.0	3.03
		S	10 21 54.0	0.9				LZ	$M_s=5.0$		20.0	6.02
		SMN	$m_B=6.5$	10.0	3.94			CN2	19.6 322	eP	19 33 32.8	0.0
HHC	95.9 314	LN	$M_s=6.3$	24.0	5.04			PMZ	$m_B=5.6$		6.0	1.60
		LE		24.0	6.69			pP	19 33 43.0	5.1		
		LZ	$M_s=6.4$	37.0	23.1			eS	19 37 05.0	-2.9		
		+iP	10 10 45.0	-0.7				LN	$M_s=5.3$		18.0	8.90
		sP	10 10 59.5	0.3				LZ	$M_s=5.2$		20.0	9.70
		ePP	10 14 43.0	0.9				NJ2	20.2 283	+iP	19 33 39.0	-0.3
		eSKS	10 21 18.0	0.9				PMZ			3.0	0.88
BTO	96.7 313	S	10 22 00.0	-0.2			S	19 37 22.0	2.3			
		sS	10 22 18.0	-0.3				LN	$M_s=5.1$		12.5	1.48
		LN	$M_s=6.5$	24.0	7.20			LE			15.5	3.92
		LE		24.0	9.00			LZ	$M_s=5.0$		16.0	5.31
		LZ	$M_s=6.3$	24.0	12.2			QZH	21.4 264	-P	19 33 52.7	0.9
		+iP	10 10 54.0	0.4				S	19 37 41.0	-2.5		
		sP	10 11 11.5	4.5				LE	$M_s=5.3$		20.0	7.46
LZH	98.5 307	SME	$m_B=6.2$	10.0	1.28			LZ	$M_s=5.1$		20.0	6.48
		LE	$M_s=5.9$	16.0	1.80							
		LZ	$M_s=6.2$	26.0	9.10							
		eP	10 11 13.0	-0.4								
		sP	10 11 11.5	4.5								
		PMZ	$m_B=6.4$	8.0	0.50							
		GTA	102.9 308									

TIA	22.0	294	eP	19 33	57.6	-0.9				LN	$M_s = 5.7$	14.0	1.78			
BJI	23.7	303	eP	19 34	15.0	-0.1				LE		16.0	3.52			
			PMZ		$m_B = 5.2$		8.0	0.71		LZ	$M_s = 5.4$	18.0	4.40			
			eS	19 38	24.0	-2.8			KSH	54.4	299	eP	19 38	32.0	0.1	
			LN		$M_s = 5.5$		16.0	3.10				LE		$M_s = 5.8$	16.0	4.30
			LE				16.0	7.60	DEC 16d 21h 43m $35.2 \pm 0.08s$ , SD0.86 / 49							
			LZ		$M_s = 5.4$		16.0	10.8	2.83 S $\pm 0.90km$ , 138.77 E $\pm 1.86km$ , h42 $\pm 0.25km$							
WHN	24.0	280	+P	19 34	19.5	1.3			West Irian (201)							
			sP	19 34	32.0	5.2			SSE	37.7	335	+P	21 50	48.5	-0.1	
			eS	19 38	32.0	-0.4			NJ2	39.5	333	+P	21 51	04.0	0.1	
			SME		$m_B = 5.3$		12.0	1.22	WHN	40.6	327	P	21 51	13.5	0.9	
			LE		$M_s = 5.3$		14.0	4.06	GYA	42.5	315	P	21 51	29.0	-0.2	
			LZ		$M_s = 5.1$		20.0	6.36	XAN	46.2	325	+iP	21 51	57.7	-0.8	
TIY	26.0	296	+P	19 34	36.0	-0.9			SNY	46.5	344	-iP	21 52	01.1	0.1	
			S	19 39	03.0	-1.4			TIY	47.2	331	+P	21 52	06.2	0.3	
			LN		$M_s = 5.5$		15.0	3.76	CD2	47.3	318	eP	21 52	07.0	-0.1	
			LE				16.0	5.54	BJI	47.4	336	eP	21 52	06.0	-2.0	
			LZ		$M_s = 5.4$		16.0	9.30	CN2	47.9	347	+P	21 52	11.4	-0.6	
GZH	26.5	263	eP	19 34	44.8	3.2			BTO	50.6	332	eP	21 52	32.0	-0.5	
			LZ		$M_s = 5.2$		21.0	6.42	LZH	50.6	323	eP	21 52	33.0	0.2	
HHC	27.3	303	eP	19 34	48.7	-0.5			GTA	55.2	324	+P	21 53	06.0	-0.9	
			eS	19 39	26.0	-1.3			WMQ	65.1	322	P	21 54	14.0	-0.8	
			LN		$M_s = 5.7$		15.0	4.81	DEC 16d 22h 21m $30.3 \pm 0.05s$ , SD1.88 / 6							
			LE				15.0	9.12	33.30 N $\pm 0.47km$ , 121.39 E $\pm 0.35km$ , h36 $\pm 0.80km$							
			LZ		$M_s = 5.7$		16.0	16.9	Eastern China (664)							
BTO	28.4	302	P	19 34	59.0	0.0			SSE	2.2	185	Pn	22 22	05.0	0.4	
			PP	19 35	53.0	3.5						Pg	22 22	08.0	-1.6	
			eS	19 39	42.0	-2.6						Sg	22 22	35.0	-5.0	
			SS	19 41	08.5	0.6						SMN		$M_L = 3.1$	0.5	0.047
			LN		$M_s = 5.8$		17.0	4.40				SME			0.5	0.19
			LE				16.0	10.8	NJ2	2.5	241	+Pg	22 22	13.0	-1.4	
			LZ		$M_s = 5.8$		16.0	17.2				Sg	22 22	46.0	-2.4	
XAN	28.5	288	+iP	19 34	58.4	-1.6						SMN		$M_L = 3.3$	0.2	0.23
			S	19 39	45.0	-0.5						SME			0.2	0.15
			LN		$M_s = 5.5$		16.0	3.14	DEC 16d 22h 30m $33.7 \pm 0.07s$ , SD1.04 / 45							
			LE				16.0	5.83	12.64 N $\pm 1.11km$ , 143.57 E $\pm 0.87km$ , h88 $\pm 0.54km$							
			LZ		$M_s = 5.8$		16.0	17.2	South of the Marianas (210)							
QZN	31.1	258	eP	19 35	23.8	1.0			WHN	32.3	308	eP	22 36	56.5	-0.6	
			S	19 40	26.0	-0.2			BJI	36.4	323	eP	22 37	32.0	0.0	
			SS	19 42	07.0	-3.5			TIY	37.3	317	eP	22 37	40.9	1.1	
			LE		$M_s = 5.4$		21.0	5.06	BTO	40.5	320	eP	22 38	06.2	0.1	
GYA	31.4	273	P	19 35	24.6	-0.9			CD2	40.9	303	eP	22 38	10.6	1.1	
			pP	19 35	32.8	1.8			LZH	42.6	310	eP	22 38	25.0	1.3	
			PP	19 36	26.4	-1.8			GTA	46.9	313	+P	22 38	57.4	-0.1	
			PcP	19 38	19.2	0.8			WMQ	56.9	314	P	22 40	12.3	-0.1	
			S	19 40	26.0	-4.7			DEC 17d 00h 58m $14.6 \pm 0.08s$ , SD1.28 / 66							
			LN		$M_s = 5.4$		14.0	3.30	26.86 S $\pm 1.58km$ , 167.53 E $\pm 1.80km$ , h34 $\pm 0.38km$							
			LE				14.0	1.60	Norfolk Island region (606)							
			LZ		$M_s = 5.0$		20.0	3.20	$M_s 5.6 / 3,$							
LZH	32.7	292	eP	19 35	35.0	-2.2			SSE	72.7	319	eP	01 09	43.0	1.6	
			LN		$M_s = 5.4$		15.0	2.20				LZ		$M_s = 5.0$	24.0	1.01
			LE				15.0	3.10	WHN	76.4	315	eP	01 10	02.5	-0.7	
			LZ		$M_s = 5.4$		16.0	6.20				eS	01 19	48.0	2.6	
CD2	33.1	282	eP	19 35	39.6	-0.7						SS	01 24	46.0	4.3	
			eS	19 41	03.0	4.7						LZ		$M_s = 5.4$	24.0	2.10
			LE		$M_s = 5.7$		15.0	7.26	MDJ	79.1	333	eP	01 10	18.0	-0.2	
			LZ		$M_s = 5.5$		12.0	5.45	SNY	79.5	328	eP	01 10	18.4	-1.8	
KMI	35.1	273	+P	19 35	58.0	-0.2			CN2	80.2	331	+P	01 10	22.8	-1.2	
			eS	19 41	28.0	-2.5			KMI	81.1	304	eP	01 10	30.0	1.2	
			LN		$M_s = 5.2$		18.0	2.50				eS	01 20	40.0	4.8	
			LZ		$M_s = 5.3$		20.0	5.80				LZ		$M_s = 5.3$	30.0	2.30
GTA	36.0	298	+iP	19 36	04.1	-1.4			BJI	81.9	323	eP	01 10	32.5	-0.6	
			PP	19 37	28.5	2.0						LZ		$M_s = 5.1$	26.0	1.10
			LE		$M_s = 5.5$		15.0	4.26	DEC 17d 00h 58m $14.6 \pm 0.08s$ , SD1.28 / 66							
			LZ		$M_s = 5.5$		16.0	6.00	26.86 S $\pm 1.58km$ , 167.53 E $\pm 1.80km$ , h34 $\pm 0.38km$							
LSA	44.0	284	P	19 37	14.0	1.8			Norfolk Island region (606)							
			LN		$M_s = 5.2$		14.0	1.39	$M_s 5.6 / 3,$							
WMQ	45.2	304	+iP	19 37	21.2	-0.1			SSE	72.7	319	eP	01 09	43.0	1.6	
			S	19 44	01.5	2.1						LZ		$M_s = 5.0$	24.0	1.01



BJI	50.8	353	eP	07 39 37.0	-1.5
LSA	50.8	323	P	07 39 41.7	2.4
GTA	54.4	337	P	07 40 06.0	0.2
MDJ	55.1	5	eP	07 40 10.5	-0.4
WMQ	63.2	332	-iP	07 41 07.4	0.5
KSH	66.6	321	eP	07 41 31.0	1.7

DEC 18d 10h 38m 33.5 ± 0.20s, SD2.24 / 38  
 10.90 S ± 4.05km, 164.64 E ± 3.73km, h32 ± 1.01km  
 Santa Cruz Islands region (183)  
 $m_b=4.7/1,$

SSE	59.0	316	P	10 48 30.5	-2.5		
			PMZ	$m_b=4.7$		1.0	0.010
NJ2	61.2	316	eP	10 48 45.3	-2.5		
CN2	65.1	330	+P	10 49 14.4	0.8		
GYA	67.4	305	P	10 49 28.4	-0.4		
BJI	67.7	322	eP	10 49 32.0	1.7		
TIY	68.7	318	P	10 49 35.9	-0.9		
			eS	10 58 40.0	3.0		
			LZ	$M_s=4.7$		30.0	0.74
XAN	69.2	313	P	10 49 41.0	1.1		
KMI	70.1	302	eP	10 49 47.0	1.4		
CD2	71.7	308	eP	10 49 53.8	-0.8		
BTO	71.9	319	eP	10 50 01.0	5.1		
LZH	73.9	313	eP	10 50 10.0	2.2		
GTA	78.2	314	eP	10 50 33.4	1.1		
WMQ	88.2	315	eP	10 51 24.5	0.9		

DEC 18d 12h 57m 28.6 ± 0.11s, SD1.70 / 30  
 10.74 S ± 2.07km, 164.77 E ± 2.89km, h36 ± 1.25km  
 Santa Cruz Islands region (183)

SSE	59.0	316	P	13 07 26.0	-1.5		
			eS	13 15 24.0	-5.9		
			LZ	$M_s=4.4$		20.0	0.28
MDJ	63.6	333	eP	13 08 00.0	1.0		
CN2	65.0	330	eP	13 08 07.0	-0.8		
GYA	67.5	305	P	13 08 28.4	4.8		
TIY	68.7	318	eP	13 08 27.8	-3.5		
			LZ	$M_s=4.8$		24.0	0.68
KMI	70.1	302	eP	13 08 41.0	0.6		
CD2	71.7	308	eP	13 08 48.6	-0.7		
BTO	71.8	319	eP	13 08 51.0	0.6		
LZH	73.8	313	eP	13 09 03.0	0.6		
GTA	78.2	314	P	13 09 27.2	0.3		

DEC 18d 14h 55m 58.0 ± 0.16s, SD1.00 / 43  
 17.86 S ± 1.25km, 177.96 W ± 1.20km, h536 ± 1.30km  
 Fiji region (181)

NJ2	78.2	309	+P	15 07 04.8	0.8		
MDJ	78.4	325	+P	15 07 05.0	0.1		
SNY	80.2	320	eP	15 07 12.2	-2.2		
CN2	80.2	322	+P	15 07 13.5	-1.1		
WHN	80.9	306	eP	15 07 18.0	-0.1		
BJI	84.0	315	eP	15 07 33.5	-0.3		
GYA	85.4	300	P	15 07 41.0	0.6		
TIY	85.6	312	-P	15 07 41.6	0.4		
LZH	91.2	308	eP	15 08 08.5	0.8		

DEC 18d 16h 05m 04.0 ± 0.04s, SD0.61 / 13  
 1.29 N ± 0.40km, 126.25 E ± 0.29km, h84 ± 0.44km  
 Molucca Passage (266)

BJI	39.6	348	eP	16 12 29.0	-0.5		
GTA	45.0	331	eP	16 13 13.8	0.7		
WMQ	54.4	326	eP	16 14 26.0	0.4		

DEC 18d 19h 21m 51.1 ± 0.08s, SD1.23 / 93  
 47.09 N ± 2.44km, 153.74 E ± 1.76km, h30 ± 0.41km  
 Kurile Islands (221)

WHN	34.4	256	-P	19 28 38.0	-0.4		
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MDJ	17.0	270	+P	19 25 49.1	0.8		
			S	19 28 50.0	-4.6		
			LZ	$M_B=5.3$		16.0	12.5
CN2	20.1	271	+P	19 26 22.0	-3.2		
			eS	19 29 59.0	-5.4		
			LN	$M_B=5.3$		15.0	6.70
			LZ	$M_B=5.4$		18.0	14.0
SNY	22.1	267	+P	19 26 44.0	-1.6		
			pP	19 26 48.5	-5.4		
			sP	19 26 52.8	-5.0		
			LN	$M_B=5.3$		15.0	4.13
			LE			15.0	4.50
			LZ	$M_B=5.4$		16.0	10.6
DL2	24.7	262	+P	19 27 11.0	-0.5		
			PMZ	$m_B=5.4$		8.0	1.06
			sP	19 27 19.0	-4.7		
			S	19 31 27.0	-1.5		
			LN	$M_S=5.2$		13.0	1.56
			LE			13.0	2.68
BJI	27.9	269	eP	19 27 40.0	-1.0		
			PMZ	$m_B=5.4$		8.0	0.71
			eS	19 32 24.0	2.6		
			LN	$M_S=5.6$		15.0	3.30
			LE			16.0	6.40
			LZ	$M_S=5.4$		16.0	8.20
TIA	29.2	262	+P	19 27 52.1	-0.4		
			LN	$M_S=5.2$		13.0	1.20
			LE			15.0	2.37
			LZ	$M_S=4.8$		20.0	2.29
SSE	29.6	249	+P	19 27 56.0	-0.3		
			PMZ	$m_B=5.6$		4.0	0.44
			pP	19 28 03.0	-1.9		
			PcP	19 31 00.0	-0.2		
			S	19 32 54.0	6.1		
			SME	$m_B=5.1$		10.0	0.49
			sS	19 33 02.0	-1.0		
			LN	$M_S=5.1$		14.0	1.54
			LE			14.0	1.16
			LZ	$M_S=4.6$		20.0	1.40
NJ2	30.5	253	-P	19 28 03.5	-0.7		
			LN	$M_S=5.3$		13.0	2.11
			LE			12.0	1.33
			LZ	$M_S=5.0$		14.0	2.49
HHC	30.7	274	eP	19 28 05.7	-0.3		
			S	19 33 05.5	0.6		
			SMN	$m_B=5.4$		7.0	0.40
			SME			7.0	0.45
			SS	19 34 44.0	-3.5		
			LN	$M_S=5.5$		12.0	1.26
			LE			12.0	4.32
			LZ	$M_S=5.4$		20.0	8.07
TIY	31.6	268	+iP	19 28 13.5	-0.4		
			pP	19 28 21.0	-1.3		
			PP	19 29 13.5	-4.5		
			S	19 33 22.5	3.6		
			sS	19 33 38.0	3.9		
			LN	$M_S=5.1$		15.0	1.88
			LZ	$M_S=5.3$		16.0	5.36
BTO	31.9	274	P	19 28 15.0	-1.3		
			pP	19 28 23.0	-1.7		
			PP	19 29 20.5	-1.1		
			S	19 33 24.5	1.3		
			eSS	19 35 17.0	1.7		
			LN	$M_S=5.5$		16.0	3.20
			LE			18.0	4.40
			LZ	$M_S=5.2$		18.0	4.60

	iPcP	19 31 13.5	0.3						DEC 19d 02h 05m 14.2 ± 2.30s, SD2.45 / 9
	eS	19 34 03.0	-1.0						38.41 N ± 5.74km, 72.40 E ± 17.95km, h20 ± km
	SME	$m_B = 5.3$	10.0	0.61					Afghanistan-USSR border region (717)
	LE	$M_S = 5.4$	14.0	2.92					$M_L 3.9 / 2,$
	LZ	$M_S = 5.0$	20.0	2.50	KSH	3.0	67	Pa	02 06 03.4 2.6
QZH	35.6 244	eP	19 28 48.0	-0.1				SMN	$M_L = 4.0$ 0.2 0.60
	pP	19 28 54.0	-2.8					SME	0.2 0.70
	eS	19 34 21.0	-0.5						
	LN	$M_S = 5.1$	14.0	1.40					DEC 19d 02h 26m 53.8 ± 0.09s, SD1.36 / 67
	LZ	$M_S = 4.9$	14.0	1.42					47.00 N ± 2.66km, 153.81 E ± 1.71km, h30 ± 0.37km
XAN	36.0 265	+iP	19 28 50.0	-1.7					Kurile Islands (221)
	pP	19 28 58.0	-2.3						$M_S 4.9 / 17,$
	LN	$M_S = 5.8$	16.0	6.20	MDJ	17.0	271	eP	02 30 52.0 0.4
	LE		16.0	4.20				eS	02 34 00.0 1.1
LZH	38.3 272	P	19 29 12.0	0.6				LZ	$M_S = 4.7$ 16.0 2.90
	PMZ	$m_B = 5.6$	8.0	0.87	CN2	20.1	271	eP	02 31 25.0 -3.3
	eS	19 35 07.0	3.1					eS	02 35 02.0 -6.0
	LE	$M_S = 5.5$	16.0	3.70				LN	$M_S = 4.7$ 15.0 1.80
	LZ	$M_S = 5.3$	18.0	4.70	SNY	22.1	268	eP	02 31 47.4 -1.3
GTA	39.3 279	eP	19 29 19.4	-0.6	DL2	24.8	263	eP	02 32 14.5 0.0
	pP	19 29 26.5	-2.0					pP	02 32 21.0 -2.0
	PP	19 30 52.0	-2.3					eS	02 36 33.0 0.6
	S	19 35 19.0	0.7					LN	$M_S = 4.6$ 12.0 0.82
	sS	19 35 35.0	1.4					LZ	$M_S = 4.2$ 14.0 0.47
	LN	$M_S = 5.9$	13.0	5.51	BJI	28.0	269	eP	02 32 44.5 0.4
	LE		14.0	6.46				LE	$M_S = 4.8$ 16.0 1.40
CD2	41.3 265	+iP	19 29 36.7	0.3	TIA	29.2	262	eP	02 32 55.0 -0.4
	pP	19 29 44.0	-1.0					eS	02 37 44.5 -0.5
	eS	19 35 45.5	-3.6					LZ	$M_S = 4.5$ 22.0 1.19
	LN	$M_S = 5.5$	15.0	2.90	SSE	29.6	249	P	02 33 00.0 1.0
	LZ	$M_S = 5.2$	16.0	2.36				sS	02 38 04.0 -2.0
GYA	42.2 258	P	19 29 43.4	-0.2				LZ	$M_S = 4.1$ 20.0 0.47
	sP	19 29 51.0	-5.0		NJ2	30.5	253	-P	02 33 08.3 1.3
	S	19 36 00.0	-0.9		HHC	30.8	274	P	02 33 09.0 -0.2
	sS	19 36 11.0	-5.2					eS	02 38 05.0 -4.4
	LN	$M_S = 5.5$	16.0	2.50				LN	$M_S = 4.9$ 16.0 0.87
	LE		16.0	1.50				LE	13.0 0.73
	LZ	$M_S = 4.9$	18.0	1.40				LZ	$M_S = 4.8$ 16.0 1.79
WMQ	45.2 291	P	19 30 07.6	-0.2	TIY	31.6	268	eP	02 33 17.0 0.1
	PP	19 31 54.0	0.2					sS	02 38 36.0 -1.5
	eS	19 36 51.0	5.5					LN	$M_S = 4.9$ 15.0 0.55
	LN	$M_S = 6.0$	14.0	2.78				LE	16.0 1.03
	LE		14.0	7.01				LZ	$M_S = 4.7$ 18.0 1.46
	LZ	$M_S = 5.8$	16.0	9.07	BTO	31.9	275	eP	02 33 20.0 0.6
QZN	45.4 247	eP	19 30 10.8	1.7				epP	02 33 29.0 1.1
	S	19 36 49.0	2.2					eS	02 38 29.0 1.3
	LE	$M_S = 5.3$	16.0	1.70				LN	$M_S = 5.0$ 17.0 1.60
KMI	45.7 260	+P	19 30 12.0	-0.2				LE	17.0 0.60
	sP	19 30 20.0	-4.4		WHN	34.5	256	eP	02 33 40.0 -1.3
	PP	19 32 05.0	6.0					pP	02 33 50.0 -0.1
	S	19 36 53.0	1.2					eS	02 39 00.0 -6.9
	sS	19 37 04.0	-3.4					LE	$M_S = 4.8$ 12.0 0.73
	LN	$M_S = 5.3$	15.0	1.80	XAN	36.0	265	+iP	02 33 54.5 -0.1
	LZ	$M_S = 5.0$	20.0	1.80				LN	$M_S = 5.2$ 17.0 1.90
LSA	50.7 273	P	19 30 53.4	2.5				LE	14.0 0.70
	pP	19 31 00.0	0.8		LZH	38.4	272	P	02 34 15.5 1.1
	LE	$M_S = 5.2$	15.0	1.11				LN	$M_S = 4.8$ 15.0 0.40
KSH	55.0 293	eP	19 31 22.0	-0.4				LE	15.0 0.50
	eS	19 39 02.0	0.9					LZ	$M_S = 4.7$ 16.0 1.00
	LE	$M_S = 6.0$	14.0	6.10	GTA	39.4	279	eP	02 34 22.4 -0.7
								LE	$M_S = 5.0$ 13.0 1.03
								LZ	$M_S = 5.0$ 14.0 1.44
DEC 18d 23h 21m 25.6 ± 0.12s, SD1.35 / 15									
47.70 N ± 3.22km, 152.98 E ± 1.98km, h30 ± 0.39km									
Kurile Islands (221)									
LZH	37.8 270	eP	23 28 43.5	2.0	CD2	41.4	265	eP	02 34 39.6 0.3
CD2	40.9 264	eP	23 29 06.6	-0.5	GYA	42.2	258	+P	02 34 46.8 0.3
GYA	41.8 256	eP	23 29 13.8	-1.3				pP	02 34 58.0 2.8
								PcP	02 36 44.2 4.2
								S	02 41 09.0 5.2
					WMQ	45.3	291	P	02 35 11.0 -0.1



	pP	02 35 17.0	-2.9					HHC	70.7 320	eP	05 30 05.0	0.9		
	eS	02 41 45.0	-4.2					CD2	71.4 308	eP	05 30 09.0	1.1		
	LN	$M_s = 5.3$		9.0	0.72			BTO	71.6 319	eP	05 30 12.0	2.8		
	LE			13.0	1.26					LN	$M_s = 5.3$		17.0	0.60
	LZ	$M_s = 5.1$		16.0	2.00					LE			17.0	0.60
KMI	45.8 260	+P	02 35 15.0	0.0				LZH	73.6 313	eP	05 30 21.0	0.0		
		pP	02 35 21.5	-2.2				GTA	77.9 314	eP	05 30 44.2	-1.3		
LSA	50.7 273	+P	02 35 56.8	2.8				WMQ	87.9 315	P	05 31 35.3	-1.6		
-----														
DEC 19d 02h 28m 51.5 ± 0.10s, SD1.08 / 50								DEC 19d 06h 35m 41.1 ± 0.09s, SD1.22 / 70						
47.08 N ± 2.14km, 153.79 E ± 1.70km, h32 ± 0.22km								10.74 S ± 1.78km, 164.45 E ± 1.92km, h56 ± 1.00km						
Kurile Islands (221)								Solomon Islands (193)						
$M_s 4.9 / 2, m_b 4.9 / 2,$								$M_s 5.4 / 11,$						
MDJ	17.0 271	eP	02 32 49.0	0.1				QZH	57.1 309	eP	06 45 24.0	-0.4		
CN2	20.1 271	eP	02 33 25.0	-0.7						eS	06 53 16.0	3.0		
SNY	22.1 267	eP	02 33 45.0	-1.1				SSE	58.8 317	P	06 45 36.0	-0.2		
		pP	02 33 51.0	-3.7						pP	06 45 46.5	-3.9		
DL2	24.8 262	eP	02 34 12.0	0.0						LZ	$M_s = 4.7$		20.0	0.56
		epP	02 34 17.5	-3.2				NJ2	60.9 316	-P	06 45 51.5	0.4		
BJI	27.9 269	eP	02 34 41.0	-0.5				WHN	63.2 312	eP	06 46 04.0	-2.6		
TIA	29.2 262	eP	02 34 52.0	-0.9						LZ	$M_s = 5.1$		20.0	1.40
SSE	29.6 249	P	02 34 57.0	0.3				MDJ	63.5 333	eP	06 46 07.2	-1.1		
		PMZ	$m_b = 4.9$		0.6	0.015		SNY	64.4 327	eP	06 46 12.0	-2.1		
NJ2	30.5 253	-P	02 35 05.0	0.4				CN2	64.8 330	eP	06 46 15.5	-1.5		
TIY	31.6 268	-P	02 35 15.0	0.7				GYA	67.2 305	P	06 46 32.4	0.2		
WHN	34.5 256	eP	02 35 37.5	-1.3						pP	06 46 47.0	0.6		
LZH	38.3 272	P	02 36 13.5	1.7				BJI	67.5 322	eP	06 46 33.0	-0.7		
GTA	39.4 279	eP	02 36 21.6	1.2				TIY	68.5 318	eP	06 46 40.0	-0.2		
CD2	41.4 265	eP	02 36 37.5	0.7						sP	06 46 58.0	-2.5		
GYA	42.2 258	P	02 36 44.2	0.2						S	06 55 39.0	4.2		
WMQ	45.2 291	P	02 37 08.5	0.3						LN	$M_s = 5.4$		16.0	1.05
KMI	45.8 260	+P	02 37 12.5	0.0						LZ	$M_s = 5.0$		23.0	1.06
		sP	02 37 24.5	-0.7				XAN	69.0 313	-iP	06 46 43.0	-0.3		
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DEC 19d 03h 29m 32.9 ± 0.11s, SD4.54 / 6														
38.45 N ± 1.16km, 101.55 E ± 0.90km, h17 ± 0.42km														
Qinghai Province (325)														
$M_L 3.7 / 6,$														
GTA	1.7 306	+iPg	03 30 01.8	-0.7				KMI	69.9 302	-P	06 46 50.0	1.0		
		Sg	03 30 24.6	-0.4						pP	06 46 59.5	-3.6		
		SMN	$M_L = 3.4$		0.8	0.46				LN	$M_s = 5.4$		18.0	1.20
		SME			0.6	0.33				LZ	$M_s = 5.0$		25.0	1.00
-----														
DEC 19d 05h 18m 53.5 ± 0.17s, SD2.20 / 52														
10.70 S ± 2.72km, 164.44 E ± 3.24km, h77 ± 2.23km														
Solomon Islands (193)														
$M_s 5.3 / 4,$														
QZH	57.0 309	eP	05 28 34.0	-0.3				HHC	70.8 320	eP	06 46 54.0	-0.3		
		eS	05 36 25.0	3.5				CD2	71.4 308	eP	06 46 58.2	0.2		
SSE	58.7 317	P	05 28 44.0	-2.0				BTO	71.6 319	P	06 47 01.5	2.1		
		eS	05 36 50.0	6.5						epP	06 47 13.0	-0.6		
		LZ	$M_s = 4.6$		20.0	0.47				ePP	06 49 41.0	1.8		
NJ2	60.9 316	-P	05 29 03.0	2.1						LN	$M_s = 5.5$		18.0	1.00
WHN	63.2 312	eP	05 29 21.5	5.0						LE			18.0	1.00
		LE	$M_s = 5.5$		21.0	2.00		LZH	73.6 313	P	06 47 12.0	0.8		
		LZ	$M_s = 5.3$		16.0	1.80				sP	06 47 32.0	0.6		
DL2	63.4 324	eP	05 29 21.0	3.0						LZ	$M_s = 5.0$		20.0	0.80
		LZ	$M_s = 4.7$		24.0	0.65		GTA	77.9 314	+P	06 47 35.6	-0.1		
MDJ	63.4 333	eP	05 29 15.5	-2.6						S	06 57 26.1	4.5		
CN2	64.8 330	eP	05 29 27.0	0.2						LE	$M_s = 5.4$		22.0	1.30
GYA	67.2 305	P	05 29 42.8	0.7				WMQ	88.0 315	P	06 48 27.0	-0.2		
BJI	67.4 322	eP	05 29 42.5	-1.0						S	06 59 08.0	5.5		
TIY	68.4 318	P	05 29 51.0	1.0						LZ	$M_s = 5.1$		20.0	0.70
		LN	$M_s = 5.3$		17.0	0.93		KSH	95.6 309	eP	06 49 05.0	2.4		
		LZ	$M_s = 5.1$		24.0	1.36		-----						
XAN	68.9 313	eP	05 29 49.0	-4.1				DEC 19d 06h 49m 59.3 ± 0.09s, SD1.55 / 27						
KMI	69.8 302	eP	05 29 57.0	-1.8				10.86 S ± 1.92km, 164.38 E ± 2.49km, h30 ± 1.18km						
		LZ	$M_s = 5.0$		20.0	0.90		Solomon Islands (193)						
-----														
SSE	58.8 317	eP	06 59 57.6	-0.1						pP	07 00 10.0	3.4		
MDJ	63.6 333	eP	07 00 31.0	1.0						eP	07 00 31.0	1.0		
CN2	64.9 330	+P	07 00 39.0	0.3						+P	07 00 39.0	0.3		
TIY	68.5 318	eP	07 01 03.0	1.3						eP	07 01 03.0	1.3		
KMI	69.9 302	eP	07 01 11.0	0.8						eP	07 01 11.0	0.8		
CD2	71.4 308	eP	07 01 19.2	-0.2						eP	07 01 19.2	-0.2		
LZH	73.6 313	eP	07 01 34.5	1.8						eP	07 01 34.5	1.8		
GTA	78.0 314	eP	07 01 56.6	-0.7						eP	07 01 56.6	-0.7		
WMQ	88.0 315	P	07 02 49.0	0.3						P	07 02 49.0	0.3		



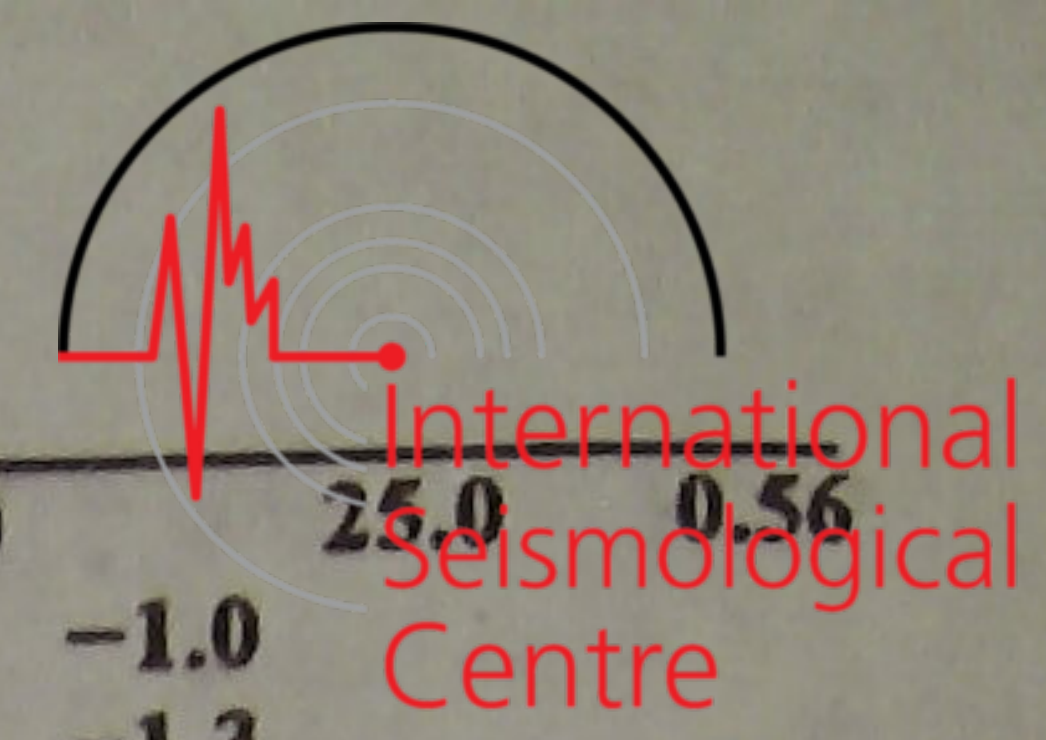
DEC 19d 11h 06m 54.7 ± 0.10s, SD1.91 / 88 23.30 N ± 1.42km, 99.57 E ± 1.30km, h15 ± 0.20km Burma-China border region (297) M <sub>S</sub> 5.3 / 44, M <sub>L</sub> 5.6 / 3, m <sub>B</sub> 5.6 / 1,				DEC 19d 12h 13m 42.8 ± 0.09s, SD2.13 / 16 38.70 N ± 1.06km, 99.58 E ± 0.88km, h15 ± 0.15km Qinghai Province (325) M <sub>S</sub> 3.4 / 1, M <sub>L</sub> 4.1 / 8,									
KMI	3.4	57	-Pn	11 07 51.5	3.4	TIA	19.9	46	P	11 11 29.4	0.5	16.0	5.85
			+Pg	11 08 01.0	6.0				LN	M <sub>S</sub> = 5.3	13.0	3.77	
			Sg	11 08 45.5	3.7	HHC	20.2	27	+P	11 11 37.0	4.8		
			LE	M <sub>S</sub> = 5.4	6.0				S	11 15 17.0	4.3		
			LZ		3.0				LN	M <sub>S</sub> = 5.1	9.5	1.67	
GYA	7.2	63	Pn	11 08 41.2	1.6				LE	M <sub>S</sub> = 4.8	12.0	2.50	
			Sn	11 09 59.0	-3.9	SSE	20.7	63	P	11 11 37.5	0.1		
			Sg	11 10 42.0	2.8				sS	11 15 32.0	-0.8		
			SMN	M <sub>L</sub> = 5.5	1.8				LN	M <sub>S</sub> = 5.4	16.0	7.53	
			SME		1.8				LE		16.0	2.22	
			LN	M <sub>S</sub> = 5.3	8.0	BJI	21.8	36	eP	11 11 49.0	0.5		
			LE		8.0				LN	M <sub>S</sub> = 5.0	10.0	1.40	
CD2	8.4	25	eP	11 09 00.0	0.2				LE		11.0	1.70	
			S	11 10 30.0	-5.5	WMQ	22.7	337	-iP	11 11 58.0	0.7		
			SMN	M <sub>L</sub> = 5.7	1.6				S	11 16 04.4	4.8		
			SME		1.8				LN	M <sub>S</sub> = 5.0	10.0	1.86	
LSA	9.9	312	P	11 09 22.0	2.0				LZ	M <sub>S</sub> = 4.6	12.0	1.36	
			S	11 11 15.0	4.1	DL2	24.4	45	eP	11 12 15.0	1.3		
			LN	M <sub>S</sub> = 4.8	8.0				epP	11 12 18.5	-1.3		
			LE		8.0				eS	11 16 32.0	2.0		
QZN	10.5	112	-iP	11 09 27.2	-0.6				LN	M <sub>S</sub> = 5.1	12.0	1.70	
			eS	11 11 25.0	-1.1	KSH	25.7	314	eP	11 12 27.0	0.0		
			LN	M <sub>S</sub> = 5.0	9.0				eS	11 16 55.0	1.6		
			LE		9.0				LN	M <sub>S</sub> = 5.3	15.0	4.80	
GZH	12.7	88	eP	11 09 52.5	-5.0	SNY	27.3	42	eP	11 12 40.3	-0.4		
			eS	11 12 23.0	3.7				S	11 17 17.0	0.0		
			LN	M <sub>S</sub> = 5.4	5.0				LN	M <sub>S</sub> = 5.2	20.0	3.03	
			LE		10.0				LE		20.0	3.20	
LZH	13.3	15	eP	11 10 07.0	1.3				LZ	M <sub>S</sub> = 4.7	11.5	1.21	
			LE	M <sub>S</sub> = 5.2	8.0	CN2	29.5	40	eP	11 13 00.0	-1.1		
			LZ	M <sub>S</sub> = 4.9	10.0				eS	11 17 54.0	-0.1		
XAN	13.5	35	P	11 10 03.6	-4.7				LN	M <sub>S</sub> = 5.1	10.0	1.30	
			S	11 12 40.0	1.7				LZ	M <sub>S</sub> = 5.1	14.0	2.90	
			LN	M <sub>S</sub> = 5.3	10.0	MDJ	32.5	42	eP	11 13 27.5	0.4		
			LE		8.0								
WHN	15.0	58	eP	11 10 25.0	-3.5								
			eS	11 13 16.0	0.6								
			LN	M <sub>S</sub> = 5.4	7.0								
			LZ	M <sub>S</sub> = 4.8	16.0	GTA	0.7	14	+iPg	12 13 56.6	0.5		
GTA	16.1	1	-P	11 10 41.4	-0.8				Sg	12 14 05.2	-0.9		
			pP	11 10 47.2	0.0				SMN	M <sub>L</sub> = 3.7	0.5	1.58	
			LE	M <sub>S</sub> = 4.9	13.5				SME		0.5	3.40	
			LZ	M <sub>S</sub> = 4.6	14.0	LZH	4.3	126	Pg	12 15 00.0	1.3		
QZH	17.4	81	eP	11 10 56.0	-3.4				SMN		2.0	0.31	
			eS	11 14 06.0	-5.7				SME		2.0	0.22	
			LN	M <sub>S</sub> = 5.8	8.0	TIY	10.2	92	eP	12 16 08.6	-3.1		
			LZ	M <sub>S</sub> = 5.0	9.0				LE	M <sub>S</sub> = 3.4	11.0	0.19	
TIY	18.1	35	eP	11 11 05.4	-2.5	WMQ	10.3	304	eP	12 16 14.8	1.3		
			LN	M <sub>S</sub> = 5.3	13.0				S	12 18 03.4	-5.9		
			LE		13.0				SMN		1.0	0.020	
			LZ	M <sub>S</sub> = 4.8	16.0				SME		0.8	0.020	
NJ2	19.2	59	-P	11 11 21.6	1.2	WHN	14.6	119	eP	12 17 13.4	2.0		
			S	11 14 54.0	4.2								
			LN	M <sub>S</sub> = 5.7	9.0								
			LE		8.5								
			LZ	M <sub>S</sub> = 5.2	9.0								
BTO	19.4	25	-iP	11 11 22.0	-1.0								
			pP	11 11 27.0	-1.2								
			eS	11 14 55.0	-0.4								
			SS	11 15 23.0	2.4								
			LN	M <sub>S</sub> = 5.3	9.0	KMI	3.4	57	-Pn	14 02 42.0	1.5		
			LE		9.0				Pg	14 02 51.0	3.3		
			LZ	M <sub>S</sub> = 4.9	9.0				Sg	14 03 35.0	0.1		
									LN	M <sub>S</sub> = 4.0	5.0	2.10	
						GYA	7.2	62	Pn	14 03 32.6	0.7		
									Sn	14 04 56.6	1.1		



				Kashmir-Tibet border region (304)											
LZH	34.6	10	LE	03 42 05.0	-0.8	14.0	2.60	KSH	5.4	314	ePg	04 22 34.7	-1.7	0.3	0.030
			+iP								SMN			0.7	0.10
			LN			13.0	0.90				SME				
			LE			12.0	0.60								
			LZ			18.0	2.30								
NJ2	36.4	32	+iP	03 42 20.4	0.0										
			LN			15.0	2.82								
			LE			15.0	2.67								
			LZ			16.0	3.24								
SSE	36.9	36	+P	03 42 25.5	0.3										
			PMZ			1.0	0.049	LSA	2.0	0	iPg	09 46 23.4	3.3		
			pP	03 42 40.0	4.8						Sg	09 46 50.5	2.7		
			PP	03 43 55.0	3.7						SMN			2.0	18.3
			LZ			16.0	2.70	KMI	10.7	101	eP	09 48 17.5	-0.1		
GTA	37.4	3	+iP	03 42 29.4	-0.4						sP	09 48 30.0	1.0		
			LE			13.0	1.10				S	09 50 10.5	-6.4		
			LZ			16.0	1.56				LN			8.0	2.10
											LZ			15.0	1.60
TIY	38.4	20	+P	03 42 37.0	-0.3										
			S	03 48 30.0	1.8			CD2	11.5	71	eP	09 48 28.7	0.6		
			sS	03 48 47.0	1.1			LZH	13.7	49	P	09 48 56.0	-1.5		
			LN			14.0	4.11				pP	09 49 06.5	2.1		
			LE			12.0	2.84				LN			11.0	0.90
			LZ			16.0	6.56				LE			11.0	0.50
TIA	38.9	26	+P	03 42 40.7	-0.8						LZ			17.0	1.20
BTO	40.3	15	+iP	03 42 54.0	0.6			GTA	13.8	29	eP	09 48 55.4	-3.3		
			sP	03 43 10.5	2.9						LN			10.0	1.17
			PP	03 44 30.5	0.5						LZ			12.0	1.95
			eS	03 48 59.0	0.5			GYA	13.9	91	P	09 48 59.4	-0.8		
			LN			14.0	1.10				sP	09 49 12.0	0.1		
			LE			14.0	2.20				S	09 51 28.0	-5.8		
			LZ			14.0	1.30				LN			10.0	1.00
HHC	41.0	17	+P	03 43 00.4	1.5			WMQ	16.4	351	eP	09 49 32.5	0.2		
			S	03 49 13.0	5.9						esS	09 52 45.0	1.0		
			LN			13.0	3.40				LN			12.0	1.17
			LE			13.0	1.20				LZ			16.0	2.60
BJI	41.8	22	+P	03 43 06.5	1.1			XAN	16.5	63	P	09 49 32.4	-2.0		
			eS	03 49 24.0	3.9						S	09 52 42.1	6.2		
			LN			13.0	0.77				LN			10.0	0.44
			LZ			16.0	1.30				LE			14.0	0.49
KSH	42.1	335	eP	03 43 08.0	-0.7			KSH	17.3	317	eP	09 49 45.0	0.8		
			pP	03 43 21.0	2.4						eS	09 52 56.0	1.5		
			eS	03 49 24.0	-2.1						LE			13.0	1.80
			LE			8.0	0.60	QZN	19.2	113	eP	09 50 08.2	1.2		
WMQ	42.6	350	+P	03 43 12.8	0.5						eS	09 53 37.0	0.6		
			eS	03 49 33.0	0.5			BTO	20.2	45	P	09 50 17.5	-1.0		
			LZ			20.0	1.39				pP	09 50 26.0	-0.7		
DL2	43.1	28	+iP	03 43 16.3	-0.4						ePP	09 50 37.0	-1.3		
			pP	03 43 25.0	-1.8						eS	09 53 57.0	-2.3		
			sP	03 43 33.0	2.0						LN			14.0	0.90
			LZ			19.0	1.21				LE			14.0	1.20
SNY	46.4	27	+iP	03 43 41.0	-1.5						LZ			14.0	1.40
			PMZ			4.0	0.68	WHN	20.5	76	-P	09 50 21.5	0.5		
			pP	03 43 50.0	-2.6						pP	09 50 28.0	-1.5		
			sP	03 43 55.5	-1.3						eS	09 54 06.0	1.9		
			eS	03 50 25.5	-1.2						LN			10.0	0.60
			LN			19.0	2.40	TIY	20.5	55	-P	09 50 20.0	-1.4		
			LE			19.0	1.36				pP	09 50 29.0	-0.7		
			LZ			19.0	2.64				S	09 54 04.0	0.4		
CN2	48.8	27	+iP	03 44 00.2	-1.0						sS	09 54 17.5	0.3		
			PMZ			4.0	0.70				LN			12.0	0.70
			epP	03 44 14.0	2.7						LE			14.0	0.97
			eS	03 50 58.0	-2.6						LZ			14.0	1.79
			LN			14.0	1.10	HHC	21.4	47	P	09 50 30.0	-0.1		
			LZ			18.0	3.50				LN			13.0	0.93
MDJ	51.3	29	eP	03 44 20.5	-0.4						LE			13.0	0.73
											LZ			16.0	2.38
DEC 20d 04h 21m 01.2 ± 0.04s, SD2.33 / 7								BJI							
35.89 N ± 0.53km, 80.94 E ± 0.74km, h16 ± 0.61km								24.1 53 eP 09 50 57.0 0.0							
								eS 09 55 10.0 0.0							

				LN		Ms = 4.9		11.0 0.91		eS		10 34 42.0		2.9	
				LE				10.0 0.94							
				LZ		Ms = 4.8		12.0 1.80							
NJ2	24.4	73	eP	09 51	02.6	2.6									
SSE	26.4	75	eP	09 51	19.0	0.4									
				eS		09 55 50.0		2.1							
				LZ		Ms = 4.4		10.0 0.48							
SNY	30.0	53	+P	09 51	50.8	-0.3									
CN2	31.9	51	+P	09 52	08.0	-0.2									
				pP		09 52 17.0		-0.2							
				eS		09 57 16.0		-0.2							
				LE		Ms = 5.0		10.0 1.00							
				LZ		Ms = 4.9		12.0 1.50							
<p>DEC 20d 10h 18m 36.7 ± 0.07s, SD1.07 / 94                      44.01 N ± 1.54km, 146.18 E ± 1.00km, h113 ± 0.74km                      Hokkaido region (224)                      mb 5.6 / 3, ms 5.9 / 2,</p>															
MDJ	11.9	279	+P	10 21	24.5	0.6									
CN2	14.9	276	-P	10 22	01.5	-1.9									
				esP		10 22 34.0		-1.0							
				LN				11.0 0.50							
				LZ				14.0 0.80							
SNY	16.7	270	-P	10 22	24.0	-1.2									
DL2	19.1	263	P	10 22	52.0	-0.9									
				sP		10 23 24.0		-3.4							
				eS		10 26 16.0		-2.1							
BJI	22.6	270	-P	10 23	28.0	-0.4									
				eS		10 27 26.0		2.4							
				eScP		10 30 47.0		2.2							
				ePcS		10 30 59.0		2.4							
TIA	23.5	261	-P	10 23	37.2	0.2									
				eS		10 27 45.0		6.0							
SSE	23.5	245	-P	10 23	39.0	1.4									
				sP		10 24 12.0		-3.0							
NJ2	24.5	250	-iP	10 23	48.0	1.1									
				PcP		10 27 24.2		1.0							
				LZ				9.0 4.71							
HHC	25.6	275	eP	10 23	58.0	0.2									
TIY	26.2	268	+iP	10 24	03.7	1.1									
				PMZ		mb = 6.0		2.0 0.79							
				pP		10 24 28.5		2.1							
BTO	26.8	275	-iP	10 24	09.0	0.2									
				sP		10 24 47.0		0.6							
				S		10 28 35.0		0.8							
WHN	28.5	253	-iP	10 24	23.5	-0.1									
				PcP		10 27 32.5		0.1							
QZH	29.4	239	eP	10 24	32.9	0.8									
				eS		10 29 20.0		3.2							
XAN	30.4	264	-iP	10 24	40.1	-0.5									
LZH	33.1	271	-iP	10 25	05.0	0.9									
GZH	34.1	243	-iP	10 25	13.0	0.4									
GTA	34.6	279	-iP	10 25	16.8	-0.1									
				PcP		10 27 49.7		1.0							
				ScP		10 31 24.4		2.3							
				PcS		10 31 36.4		2.5							
CD2	35.7	263	-iP	10 25	26.8	0.0									
GYA	36.3	254	-P	10 25	31.0	-0.7									
				PcP		10 27 54.8		1.0							
				S		10 31 00.6		-2.2							
QZN	39.3	242	+P	10 25	58.1	2.0									
KMI	39.9	256	+iP	10 26	02.0	0.4									
WMQ	41.3	291	-iP	10 26	14.0	0.6									
				PcP		10 28 10.5		0.8							
				S		10 32 20.0		1.6							
KSH	51.1	291	P	10 27	31.0	0.2		16.0 0.60							
				sP		10 28 05.0		-4.9							
<p>DEC 20d 14h 17m 08.3 ± 0.20s, SD2.94 / 18                      19.55 S ± 2.66km, 68.91 W ± 4.28km, h100 ± 2.03km                      Northern Chile (123)</p>															
WMQ	148.9	34	ePKP	14 36	47.0	5.5									
GTA	157.9	24	ePKP	14 36	54.4	0.1									
BJI	159.1	349	ePKP	14 36	55.0	-0.6									
WHN	168.7	346	ePKP	14 36	58.5	-5.6									
<p>DEC 20d 14h 27m 59.3 ± 0.17s, SD1.01 / 68                      27.88 S ± 1.89km, 176.50 W ± 2.60km, h36 ± 0.60km                      Kermadec Islands region (177)                      Ms 5.3 / 4, mb 5.8 / 4, mb 5.3 / 1,</p>															
QZH	81.6	304	eP	14 40	15.5	-0.5									
				eS		14 50 28.0		3.3							
SSE	83.5	310	+P	14 40	24.0	-1.4									
				PMZ		mb = 5.3		1.5 0.050							
				epP		14 40 36.0		0.3							
				sS		14 50 59.0		-1.6							
				LZ		Ms = 5.0		18.0 0.54							
NJ2	85.6	310	-P	14 40	37.8	1.6									
MDJ	87.3	325	+P	14 40	44.5	0.0									
WHN	87.9	306	eP	14 40	47.5	0.2									
				eS		14 51 20.0		-6.4							
				LZ		Ms = 5.1		24.0 1.00							
DL2	88.0	316	eP	14 40	48.0	0.2									
				PMZ		mb = 6.0		4.0 0.52							
				S		14 51 25.0		-0.7							
				LZ		Ms = 4.7		20.0 0.30							
SNY	88.7	320	+iP	14 40	51.0	-0.2									
				PMZ		mb = 6.1		4.0 0.60							
				pP		14 41 01.6		0.1							
				eSKS		14 51 16.0		1.8							
				eS		14 51 34.5		0.6							
				LN		Ms = 5.1		24.0 0.52							
				LZ		Ms = 4.9		24.0 0.59							
CN2	89.0	322	+P	14 40	51.6	-0.7									
				pP		14 41 03.5		0.8							
GYA	91.5	299	+P	14 41	04.0	-0.2									
				pP		14 41 15.0		0.6							
BJI	92.1	315	eP	14 41	06.5	-0.4									
				eSKS		14 51 40.0		6.0							
TIY	93.2	311	+P	14 41	12.5	0.4									
				SKS		14 51 47.0		6.6							
				S		14 52 09.0		-3.2							
				sS		14 52 36.0		4.7							
				LZ		Ms = 5.1		34.0 1.21							
XAN	93.7	307	P	14 41	14.6	0.4									
				LN		Ms = 5.5		8.0 0.46							
KMI	93.9	296	-P	14 41	17.0	1.6									
				sP		14 41 34.5		4.9							
				S		14 52 22.0		3.9							
				LZ		Ms = 4.8		24.0 0.40							
HHC	95.4	314	eP	14 41	22.2	-0.2									
CD2	95.9	302	eP	14 41	25.8	1.5									
BTO	96.3	313	eP	14 41	28.0	1.7									
				pP		14 41 40.0		3.5							
				eSKS		14 52 00.0		2.6							
				eS		14 52 43.0		2.2							
LZH	98.3	306	eP	14 41	36.0	0.6									
GTA	102.6	308	P	14 41	54.6	-0.4									
<p>DEC 20d 20h 24m 23.9 ± 0.08s, SD1.00 / 66                      10.70 S ± 1.46km, 164.67 E ± 1.66km, h36 ± 1.10km                      Santa Cruz Islands region (183)                      Ms 5.0 / 5,</p>															
QZH	57.2	309	eP	20 34	09.5	-0.9									





Tadzhikistan (715)				LZ $M_s = 4.0$											
$M_s 4.9 / 14, M_L 5.6 / 2, m_b 5.3 / 1,$				$M_s = 4.0$											
KSH	3.3	122	eP	08 21 57.0	2.6			BTO	24.3	278	eP	10 58 41.0	-1.0		
			LN		$M_s = 5.0$	6.0	23.2	WHN	25.3	252	P	10 58 49.5	-1.3		
WMQ	11.7	73	P	08 23 49.0	-1.4			QZH	26.1	237	eP	10 59 01.4	3.2		
			S	08 26 03.0	3.0			XAN	27.5	264	-P	10 59 09.8	-1.3		
			LN		$M_s = 5.2$	4.0	3.73	LZH	30.4	272	eP	10 59 37.0	-0.3		
LSA	19.2	121	P	08 25 29.6	1.7			GTA	32.2	280	P	10 59 52.4	-0.7		
			SMN		$m_b = 5.3$	6.0	0.75	CD2	32.8	263	eP	10 59 57.0	-1.2		
GTA	21.1	86	+iP	08 25 47.0	0.0			GYA	33.1	254	P	11 00 00.6	-0.8		
			sS	08 29 53.0	4.4						pP	11 00 18.2	-0.6		
			LN		$M_s = 4.9$	8.0	1.24				PcP	11 02 44.4	2.2		
LZH	25.1	92	eP	08 26 27.5	0.6			QZN	35.9	240	eP	11 00 27.2	2.3		
			pP	08 26 36.0	0.2			KMI	36.8	255	+P	11 00 32.0	-0.3		
			eS	08 30 52.0	4.7			WMQ	39.5	292	P	11 00 56.0	0.8		
			LN		$M_s = 4.9$	15.0	2.15	LSA	42.8	270	+P	11 01 25.4	3.0		
			LE			10.0	0.60	KSH	49.3	291	eP	11 02 15.0	1.4		
BTO	28.4	79	eP	08 26 57.0	0.1			DEC 21d 11h 58m $41.3 \pm 0.07s$ , SD1.21 / 58							
			sP	08 27 08.0	-2.0			35.42 N $\pm 1.29km$ , 27.42 E $\pm 1.26km$ , h35 $\pm 0.81km$							
			eS	08 31 40.0	-0.3			Crete (370)							
			LN		$M_s = 4.9$	16.0	0.90	KSH	38.3	69	eP	12 06 03.0	1.8		
			LE			16.0	1.10	WMQ	46.3	60	P	12 07 06.5	0.6		
			LZ		$M_s = 4.6$	16.0	1.20				S	12 13 51.0	2.3		
HHC	29.5	78	eP	08 27 06.8	0.3			GTA	56.2	63	+iP	12 08 21.0	0.1		
			LN		$M_s = 4.7$	7.0	0.17	LZH	60.4	65	eP	12 08 49.0	-1.4		
			LE			7.0	0.34				pP	12 09 03.0	2.9		
WHN	35.4	94	eP	08 27 58.5	0.0			CD2	62.6	70	P	12 09 04.7	-0.1		
			pP	08 28 07.0	-0.9			BTO	63.0	58	eP	12 09 08.0	0.3		
			S	08 33 33.0	3.3			HHC	63.9	57	eP	12 09 14.3	0.4		
			LE		$M_s = 4.8$	10.0	0.50	XAN	65.1	65	+P	12 09 21.0	-0.1		
			LZ		$M_s = 5.9$	20.0	21.3	TIY	65.9	60	eP	12 09 27.0	0.3		
NJ2	38.1	89	+P	08 28 21.5	0.5			GYA	66.9	73	P	12 09 32.2	-0.7		
CN2	38.7	68	P	08 28 25.0	-0.9			BJI	67.5	56	eP	12 09 36.0	-0.3		
SSE	40.3	89	+iP	08 28 40.0	0.7						eS	12 18 30.0	1.2		
			pP	08 28 47.3	-1.5			TIA	70.0	59	eP	12 09 51.5	-0.2		
			LZ		$M_s = 4.6$	12.0	0.54	WHN	70.8	66	eP	12 09 51.5	-5.1		
								SNY	71.5	52	eP	12 09 59.8	-1.1		
								CN2	71.6	49	P	12 10 01.0	-0.8		
								NJ2	73.3	62	+P	12 10 12.6	0.8		
DEC 21d 10h 53m $29.6 \pm 0.12s$ , SD1.40 / 95				Hokkaido region (224)				DEC 21d 22h 53m $27.0 \pm 0.07s$ , SD1.21 / 18				Tonga (173)			
$42.02 N \pm 1.42km$ , $142.47 E \pm 1.31km$ , $h75 \pm 1.29km$				$M_s 4.0 / 5, m_b 5.4 / 1,$				$16.69 S \pm 2.65km$ , $173.98 W \pm 2.03km$ , $h110 \pm 0.30km$							
MDJ	9.7	290	eP	10 55 50.0	0.8			CN2	81.7	320	eP	23 05 35.0	-0.5		
			LZ		$M_s = 3.8$	20.0	0.88	BJI	85.9	314	eP	23 05 57.0	0.3		
CN2	12.6	284	-P	10 56 28.6	0.8			TIY	87.7	310	-P	23 06 06.0	0.9		
			eS	10 58 50.0	3.0			DEC 22d 00h 05m $59.3 \pm 0.05s$ , SD1.99 / 10							
			LN		$M_s = 4.0$	12.0	0.60	$26.94 N \pm 0.67km$ , $104.28 E \pm 0.45km$ , $h8 \pm 0.21km$							
			LZ		$M_s = 4.1$	18.0	1.40	Yunnan Province (318)							
SNY	14.1	276	-iP	10 56 48.6	1.8			$M_L 3.3 / 4,$							
DL2	16.2	266	eP	10 57 13.5	-0.1			GYA	2.2	102	Pg	00 06 37.4	-0.7		
			pP	10 57 27.0	-0.8						Sg	00 07 08.6	0.8		
			sP	10 57 35.0	-1.7						SMN	$M_L = 3.6$	0.8	0.49	
			eS	11 00 13.0	2.7						SME		0.8	0.39	
BJI	19.9	273	P	10 57 55.5	-2.4						LN		4.0	1.70	
			epP	10 58 14.0	1.0						LE		4.0	1.00	
			eS	11 01 32.0	-1.1										
			LZ		$M_s = 3.9$	28.0	0.71	CD2	4.0	354	ePg	00 07 10.4	0.7		
SSE	20.2	244	+iP	10 57 59.5	-1.6						SMN	$M_L = 3.3$	1.0	0.060	
			sP	10 58 27.0	0.5						SME		0.9	0.060	
			sS	11 01 58.0	-3.6			XAN	8.1	28	eP	00 07 58.5	-2.2		
			LN		$M_s = 4.1$	14.0	0.34	DEC 22d 01h 44m $12.4 \pm 0.06s$ , SD1.19 / 58							
TIA	20.5	262	+P	10 58 01.5	-2.2			$49.63 N \pm 1.85km$ , $156.31 E \pm 1.35km$ , $h33 \pm 0.25km$							
NJ2	21.3	250	-iP	10 58 09.5	-2.2			Kurile Islands (221)							
TIY	23.4	269	eP	10 58 31.5	-1.2			MDJ	18.8	265	eP	01 48 34.5	2.5		
			S	11 02 32.0	-4.1			CN2	21.9	266	eP	01 49 03.0	-1.2		
			LN		$M_s = 4.0$	10.0	0.18								







BTO	71.8	319	LZ	$M_s = 5.0$	22.0	1.04	SMN	$M_L = 3.5$					
			eP	04 41 28.0	-0.2		SME						
			sP	04 41 40.5	-3.6		LZH	6.9	330	ePn	19 20 52.0	2.0	
			eS	04 50 44.0	-0.8		WMQ	21.2	316	P	19 23 55.8	-0.6	
			LN	$M_s = 5.5$	14.0	0.40	DEC 23d 19h 31m $15.2 \pm 0.11s$ , SD1.58 / 37						
			LE		14.0	1.10	44.28 N $\pm 2.71km$ , 149.27 E $\pm 1.58km$ , h24 $\pm 1.80km$						
LZH	73.8	313	LZ	$M_s = 5.1$	15.0	0.80	Kurile Islands region (222)						
			eP	04 41 41.0	0.8		MDJ	14.1	278	eP	19 34 35.0	-0.5	
			PMZ	$m_B = 5.0$	12.0	0.26	SNY	18.9	272	-P	19 35 37.0	-0.1	
			pP	04 41 52.5	1.3		BJI	24.8	272	eP	19 36 36.5	-0.7	
			eS	04 51 12.0	4.2		TIA	25.7	263	eP	19 36 44.9	-0.9	
GTA	78.2	314	LE	$M_s = 5.4$	10.0	0.60	HHC	27.8	276	eP	19 37 08.2	2.8	
			+iP	04 42 04.9	0.3		TIY	28.4	270	+P	19 37 14.8	4.3	
			sP	04 42 17.0	-3.4		WHN	30.7	255	eP	19 37 26.0	-4.9	
			LE	$M_s = 5.7$	20.0	2.45	LZH	35.3	273	eP	19 38 10.5	-0.5	
			LZ	$M_s = 5.4$	22.0	1.96	GTA	36.7	280	+P	19 38 22.8	-0.2	
WMQ	88.2	315	P	04 42 55.5	-0.4		CD2	38.0	265	-iP	19 38 33.5	-0.1	
			S	04 53 31.0	-2.8		GYA	38.5	257	P	19 38 37.0	-1.3	
			LZ	$M_s = 5.4$	20.0	1.39	WMQ	43.3	292	P	19 39 18.2	0.5	
KSH	95.9	309	eP	04 43 36.0	4.6		DEC 23d 21h 49m $08.7 \pm 0.11s$ , SD1.94 / 30						
DEC 23d 13h 50m $07.5 \pm 0.07s$ , SD1.67 / 42							0.93 N $\pm 3.04km$ , 29.35 W $\pm 1.97km$ , h9 $\pm 0.08km$						
44.49 N $\pm 2.86km$ , 149.25 E $\pm 2.21km$ , h21 $\pm 1.00km$							Central Mid-Atlantic Ridge (406)						
Kurile Islands region (222)							$m_B 6.1 / 1,$						
MDJ	14.0	277	eP	13 53 28.5	0.9		GTA	118.6	43	ePKP	22 07 58.5	0.2	
CN2	17.1	276	eP	13 54 08.0	0.8					ePP	22 09 14.0	-5.5	
SNY	18.9	271	-P	13 54 29.4	-0.2					LZ	$M_s = 5.3$	22.0	0.72
BJI	24.8	271	eP	13 55 29.0	-0.7		GYA	129.6	54	PKP	22 08 21.0	1.4	
TIA	25.7	262	+P	13 55 38.2	-0.4		DL2	132.2	31	ePKP	22 08 22.5	-1.9	
HHC	27.8	276	eP	13 55 58.2	0.4					ePP	22 10 48.0	-1.5	
TIY	28.4	269	eP	13 56 04.7	1.6					LZ	$M_s = 5.0$	24.0	0.39
BTO	29.0	276	eP	13 56 08.0	-0.4		WHN	133.4	45	ePKP	22 08 31.0	4.4	
LZH	35.3	272	eP	13 57 03.0	-0.5		SSE	137.6	39	ePKP	22 08 32.0	-2.4	
			sP	13 57 13.0	-0.7					ePP	22 11 20.0	-3.4	
CD2	38.0	265	P	13 57 25.6	-0.8					LZ	$M_s = 5.2$	20.0	0.40
GYA	38.6	257	P	13 57 29.6	-1.7		DEC 24d 04h 19m $14.4 \pm 0.17s$ , SD2.53 / 24						
WMQ	43.2	292	P	13 58 10.5	0.8		19.85 N $\pm 2.23km$ , 121.94 E $\pm 2.96km$ , h17 $\pm 0.73km$						
DEC 23d 18h 00m $45.9 \pm 0.12s$ , SD0.74 / 29							Philippine Islands region (248)						
20.44 S $\pm 0.96km$ , 178.22 W $\pm 0.82km$ , h530 $\pm 1.02km$							$M_s 4.4 / 3, M_L 3.8 / 3,$						
Fiji region (181)							QZN	11.4	268	eP	04 22 00.6	0.3	
NJ2	79.7	310	-P	18 12 00.5	0.3		WHN	12.7	329	eP	04 22 15.6	-1.3	
MDJ	80.4	325	+P	18 12 04.2	0.5		GYA	15.5	298	P	04 22 54.2	-0.2	
WHN	82.2	306	P	18 12 13.5	0.2		TIY	19.6	337	eP	04 23 44.6	-0.7	
BJI	85.7	315	eP	18 12 30.5	0.1					LE	$M_s = 4.4$	17.0	0.92
GYA	86.4	300	P	18 12 34.2	0.2		BJI	20.7	347	eP	04 24 01.0	4.1	
XAN	87.9	307	P	18 12 41.3	0.3		LZH	22.7	319	eP	04 24 20.0	3.2	
DEC 23d 19h 19m $07.7 \pm 0.10s$ , SD2.42 / 18							HHC	22.7	339	eP	04 24 18.6	1.4	
30.16 N $\pm 1.00km$ , 108.13 E $\pm 0.89km$ , h7 $\pm 0.22km$							BTO	23.1	336	eP	04 24 21.5	1.0	
Sichuan Province (307)										epP	04 24 25.0	-1.7	
$M_L 3.5 / 10,$										LN	$M_s = 4.4$	15.0	0.40
CD2	3.8	282	ePn	19 20 09.2	1.6					LE		15.0	0.50
			Pg	19 20 10.5	-5.0		DEC 24d 04h 26m $54.5 \pm 0.08s$ , SD1.06 / 81						
			Sn	19 20 53.4	-1.6		23.51 S $\pm 2.62km$ , 66.75 W $\pm 3.72km$ , h191 $\pm 0.49km$						
			SMN	$M_L = 3.5$	0.9	0.10	Chile-Argentina border region (127)						
			SME		1.0	0.11	$m_B 5.7 / 7,$						
GYA	3.9	200	Pn	19 20 11.2	2.7		KSH	144.7	54	ePKP	04 46 09.0	-0.6	
			Sn	19 20 57.2	0.7					pPKP	04 47 02.0	4.5	
			Sg	19 21 12.6	2.6					PP	04 49 32.0	1.2	
			SMN	$M_L = 3.7$	0.8	0.16	WMQ	150.8	40	-iPKP	04 46 19.6	0.1	
			SME		0.8	0.15				PP	04 50 06.5	0.4	
XAN	3.9	10	ePn	19 20 10.1	1.3					PPMZ		16.0	0.40
			Pg	19 20 19.3	2.3					SKKS	04 56 34.5	0.4	
			Sg	19 21 11.0	0.3					SS	05 09 06.0	-2.2	
			SMN	$M_L = 3.8$	1.0	0.12				LZ		24.0	0.75
			SME		1.2	0.28	MDJ	155.1	332	ePKP	04 46 25.0	-0.3	
WHN	5.4	84	-Pn	19 20 31.4	2.5								

					4.86 S ± 0.61km, 153.44 E ± 0.70km, h84 ± 0.42km New Britain region (192)				
CN2	157.4	337	PKP2	04 46 50.8	-1.1				
LSA	159.3	68	-PKP	04 46 27.9	-0.6				
SNY	159.8	337	-PKP	04 46 30.7	-0.6				
			PKP2	04 47 11.5	-0.8				
			PP	04 50 56.5	1.6				
			PPMZ	$m_B = 5.9$	7.0	0.72			
GTA	160.5	33	-iPKP	04 46 32.8	0.6				
			LN		14.0	0.55			
			LE		32.0	2.11			
HHC	162.6	4	PKP	04 46 35.0	0.7				
			pPKP	04 47 22.0	-1.1				
			LN		15.0	0.64			
			LE		15.0	1.35			
BTO	162.7	8	PKP	04 46 35.0	0.6				
			pPKP	04 47 24.5	1.3				
			SS	05 11 12.0	-2.7				
DL2	163.1	337	ePKP	04 46 34.0	-0.6				
			ePKP2	04 47 26.0	-0.5				
			ePP	04 51 10.0	-2.4				
BJI	163.3	352	ePKP	04 46 35.5	0.7				
			ePKP2	04 47 24.0	-3.6				
			ePP	04 51 10.0	-3.9				
			PPMZ	$m_B = 5.5$	12.0	0.60			
LZH	165.1	31	ePKP	04 46 37.0	0.2				
			eSKKS	04 57 49.0	-0.1				
TIY	165.8	3	-PKP	04 46 37.5	0.2				
			PP	04 51 25.0	-2.2				
			PPMZ	$m_B = 5.7$	9.0	0.66			
			SKKS	04 57 55.0	2.1				
			LZ		26.0	1.28			
TIA	166.9	346	-PKP	04 46 37.8	-0.2				
			pPKP	04 47 30.0	3.0				
			ePP	04 51 27.0	-5.6				
CD2	168.8	47	PKP	04 46 40.2	0.9				
XAN	168.8	19	PKP	04 46 39.6	0.3				
SSE	169.7	319	-iPKP	04 46 40.5	0.8				
			pPKP	04 47 34.0	5.4				
			PKP2	04 47 55.0	-0.3				
			PP	04 51 48.0	1.7				
			SS	05 12 28.0	3.2				
			LZ		24.0	0.60			
NJ2	170.1	331	iPKP	04 46 39.0	-1.0				
			PP	04 51 46.5	-2.3				
			PPMZ	$m_B = 5.7$	9.0	0.70			
KMI	170.3	78	-PKP	04 46 40.0	-0.3				
			PP	04 51 49.5	0.0				
			PPMZ	$m_B = 5.9$	4.0	0.50			
			SKKS	04 58 15.0	-0.2				
WHN	172.9	352	ePKP	04 46 41.7	0.2				
			PKP2	04 48 08.2	-1.5				
			PPMZ	$m_B = 5.9$	4.0	0.63			
			iSS	05 12 52.0	-4.3				
GYA	173.3	62	-PKP	04 46 42.0	0.2				
			PKP2	04 48 11.0	-0.6				
			PP	04 52 06.0	1.3				
			SKKS	04 58 28.0	-2.1				
QZN	174.5	144	PKP	04 46 42.8	0.9				
			PP	04 52 12.0	1.4				
			SKKS	04 58 34.0	-1.3				
			eSS	05 13 14.0	2.5				
QZH	174.9	287	PKP	04 46 42.9	0.8				
GZH	179.6	192	ePKP	04 46 44.0	1.2				
			PKP2	04 48 44.0	4.8				
			PP	04 52 36.5	2.4				
			SKKS	04 59 05.0	5.9				
DEC 24d 05h 21m 34.3 ± 0.07s, SD1.11 / 12					DEC 24d 06h 42m 37.2 ± 0.10s, SD2.54 / 12 1.94 S ± 1.28km, 138.82 E ± 2.97km, h33 ± 0.82km West Irian (201)				
			CD2	46.7	317	eP	06 51 05.4	0.3	
			LZH	49.9	323	eP	06 51 35.0	4.5	
			GTA	54.5	323	eP	06 52 02.9	-1.9	
			WMQ	64.5	321	P	06 53 13.4	0.0	
DEC 24d 07h 22m 37.2 ± 0.11s, SD2.13 / 45 20.07 N ± 1.51km, 121.98 E ± 1.30km, h14 ± 1.66km Philippine Islands region (248) $M_S 4.2 / 12, M_L 4.0 / 7,$					DEC 24d 07h 54m 43.8 ± 0.28s, SD2.30 / 64 20.35 N ± 2.69km, 121.76 E ± 2.73km, h55 ± km Philippine Islands region (248) $M_S 4.5 / 24, M_L 3.9 / 7,$				
			QZH	5.8	328	ePn	07 24 00.9	-2.0	
						eSn	07 25 07.1	-4.0	
						SME	$M_L = 3.7$	0.9	0.060
			GZH	8.6	292	eP	07 24 47.1	3.0	
			SSE	11.0	356	eP	07 25 17.2	-0.4	
						LN	$M_S = 4.3$	10.0	1.22
			QZN	11.5	267	eP	07 25 21.6	-2.6	
						eS	07 27 31.0	-2.4	
						LN	$M_S = 3.9$	15.0	0.60
			NJ2	12.3	347	eP	07 25 34.1	-0.5	
						pP	07 25 43.1	3.7	
						eS	07 27 57.0	5.0	
						LN	$M_S = 3.9$	12.0	0.51
			WHN	12.5	328	eP	07 25 35.0	-2.8	
						LE	$M_S = 4.2$	14.0	1.10
			GYA	15.4	297	P	07 26 15.0	-1.7	
			XAN	18.1	323	eP	07 26 49.3	-1.1	
			TIY	19.4	337	+P	07 27 05.9	-0.5	
						LE	$M_S = 4.5$	14.0	1.10
						LZ	$M_S = 4.0$	16.0	0.48
			CD2	19.6	307	eP	07 27 07.2	-1.5	
			BJI	20.5	347	eP	07 27 18.0	0.0	
			SNY	21.7	3	eP	07 27 32.8	2.4	
						LE	$M_S = 4.2$	10.0	0.29
			LZH	22.5	319	eP	07 27 40.5	1.9	
			HHC	22.5	339	eP	07 27 39.0	0.4	
			BTO	22.9	336	eP	07 27 42.0	0.1	
						sP	07 27 56.0	5.3	
						eS	07 31 46.0	-0.8	
						LE	$M_S = 4.7$	15.0	1.20
			GTA	27.1	320	eP	07 28 23.2	1.0	
DEC 24d 07h 54m 43.8 ± 0.28s, SD2.30 / 64 20.35 N ± 2.69km, 121.76 E ± 2.73km, h55 ± km Philippine Islands region (248) $M_S 4.5 / 24, M_L 3.9 / 7,$					DEC 24d 07h 54m 43.8 ± 0.28s, SD2.30 / 64 20.35 N ± 2.69km, 121.76 E ± 2.73km, h55 ± km Philippine Islands region (248) $M_S 4.5 / 24, M_L 3.9 / 7,$				
			QZH	5.4	328	eP	07 56 01.5	-2.8	
						eS	07 57 06.6	1.6	
						SMN	$M_L = 3.7$	1.0	0.070
						SME		1.0	0.070
			GZH	8.3	291	P	07 56 46.6	2.6	
			SSE	10.7	357	eP	07 57 15.0	-2.4	
						LN	$M_S = 4.2$	10.0	1.07
						LZ	$M_S = 4.2$	10.0	1.15
			QZN	11.3	265	eP	07 57 21.0	-4.3	
						eS	07 59 30.0	-0.1	
						LN	$M_S = 4.2$	15.0	1.20
			WHN	12.2	328	eP	07 57 35.5	-1.3	
						LE	$M_S = 4.4$	12.0	1.50
						LZ	$M_S = 4.0$	20.0	1.30

GYA	15.1	297	P	07 58	15.0	-1.0			CD2	168.1	69	PKP	10 58	44.2	2.3											
			pP	07 58	23.0	-2.4			TIY	169.0	18	-PKP	10 58	42.2	-0.3											
			LN		$M_s=4.4$		12.0	0.80	QZN	169.6	141	PKP	10 58	44.0	1.2											
			LE				12.0	0.50	XAN	170.5	43	PKP	10 58	43.0	-0.4											
TIA	16.3	347	eP	07 58	33.3	2.3			GYA	171.0	93	PKP	10 58	43.4	-0.3											
			LE		$M_s=4.3$		10.0	0.67				PKP2	11 00	06.6	-0.5											
XAN	17.8	323	eP	07 58	51.7	2.6						PP	11 04	00.4	0.7											
			LN		$M_s=4.5$		12.0	0.80				SKKS	11 09	45.0	-4.7											
			LE				11.0	0.70	TIA	171.1	358	-PKP	10 58	43.8	0.1											
KMI	18.2	289	+P	07 58	56.5	2.2			SSE	174.6	315	-PKP	10 58	45.2	0.1											
			sP	07 59	09.5	-1.6						PKP2	11 00	23.5	0.4											
			LN		$M_s=4.5$		12.0	1.00	NJ2	174.9	339	PKP	10 58	45.5	0.3											
TIY	19.1	337	+P	07 59	05.5	0.3						PKP2	11 00	24.3	-0.3											
			PP	07 59	27.0	5.0			WHN	176.2	32	-PKP	10 58	45.0	-0.5											
			LE		$M_s=4.7$		14.0	1.83				PKP2	11 00	29.5	-0.5											
			LZ		$M_s=4.3$		12.0	0.83	DEC 24d 13h 09m $39.8 \pm 0.09s$ , SD0.80 / 105 $5.05 S \pm 0.97km$ , $149.85 E \pm 1.14km$ , $h363 \pm 0.61km$ New Britain region (192) $m_B 5.7 / 39$ , $m_b 6.0 / 1$																	
CD2	19.3	307	eP	07 59	07.8	0.4												QZH	42.6	316	-iP	13 17	04.0	0.7		
			LN		$M_s=4.9$		8.0	1.03													PMZ		$m_B=6.0$	4.0	2.95	
			LE				10.0	1.23													PP	13 18	51.0	1.2		
BJI	20.2	348	eP	07 59	16.5	-0.4															S	13 22	58.0	-0.2		
SNY	21.5	4	eP	07 59	32.7	2.8															SMN		$m_B=5.7$	5.0	0.53	
			LN		$M_s=4.5$		11.0	0.46													SME			5.0	0.97	
			LE				11.0	0.44													sS	13 25	08.0	2.4		
LZH	22.2	319	eP	07 59	37.0	-0.2															ScS	13 26	26.5	4.8		
			LN		$M_s=4.4$		10.0	0.50										SSE	45.2	325	-iP	13 17	24.0	0.0		
			LZ		$M_s=4.1$		16.0	0.50				pP	13 18	39.0	2.8											
HHC	22.2	339	eP	07 59	39.0	1.7						sP	13 19	12.0	-4.1											
BTO	22.5	336	eP	07 59	44.0	3.4						S	13 23	36.0	0.7											
			sP	07 59	56.5	-2.4						SME		$m_B=5.8$	6.0	0.86										
			LN		$M_s=4.7$		15.0	0.90				LE			8.0	0.43										
			LE				15.0	1.10				GZH	45.3	310	-iP	13 17	25.3	0.3								
			LZ		$M_s=4.4$		15.0	1.00				PMZ		$m_B=5.8$	4.0	2.35										
CN2	23.6	7	eP	07 59	50.0	-0.7						sP	13 19	13.0	-4.1											
			epP	07 59	58.0	-5.3						S	13 23	40.0	2.9											
			eS	08 04	02.0	4.6						sS	13 25	53.0	6.8											
			LN		$M_s=4.6$		11.0	0.70				SME		$m_B=5.4$	5.5	1.23										
			LZ		$M_s=4.6$		15.0	1.50				S	13 23	49.0	0.9											
MDJ	25.1	13	eP	08 00	06.5	1.5						LE			14.0	0.60										
			LZ		$M_s=4.7$		15.0	1.70				NJ2	47.2	323	-P	13 17	40.2	0.3								
GTA	26.8	320	eP	08 00	21.0	0.0						PMZ		$m_B=5.8$	4.5	2.64										
			LE		$M_s=4.6$		10.0	0.51				sP	13 19	32.0	-0.5											
			LZ		$M_s=4.6$		12.0	0.98				iS	13 24	08.0	2.8											
WMQ	36.7	317	P	08 01	49.4	1.1						WHN	49.0	318	-iP	13 17	54.5	0.8								
DEC 24d 10h 39m $40.1 \pm 0.17s$ , SD1.00 / 73 $27.30 S \pm 2.43km$ , $63.27 W \pm 1.77km$ , $h575 \pm 1.61km$ Santiago del Estero Province, Argenti (132) $m_B 5.5 / 2$ ,																										
KSH	144.1	60	-iPKP	10 58	12.0	-0.1						PMZ		$m_B=5.8$	4.0	2.20										
			PP	11 01	35.0	-0.6						pP	13 19	11.0	3.7											
WMQ	151.4	47	iPKP	10 58	23.5	-0.3						sP	13 19	48.0	1.2											
			PKP2	10 58	41.4	-1.2						iS	13 24	32.5	2.2											
			SKKS	11 08	07.5	-1.2						SME		$m_B=5.7$	8.0	0.80										
LSA	157.4	78	-PKP	10 58	34.0	1.8						DL2	50.9	332	-iP	13 18	08.0	0.2								
MDJ	159.9	332	ePKP	10 58	33.2	-1.4						PMZ		$m_B=5.7$	4.0	1.81										
			PKP2	10 59	18.0	-0.6						PcP	13 19	17.5	-0.6											
GTA	161.5	45	-iPKP	10 58	37.0	0.7						pP	13 19	26.0	3.9											
CN2	162.1	339	-PKP	10 58	36.0	-0.8						sP	13 20	02.0	0.5											
			PKP2	10 59	27.0	-1.3						iS	13 24	58.0	1.9											
BTO	165.6	21	PKP	10 58	40.0	-0.3						SME		$m_B=5.9$	7.0	1.09										
HHC	165.8	16	PKP	10 58	40.8	0.3						SS	13 28	39.0	3.4											
LZH	166.0	48	ePKP	10 58	41.0	0.3						LN			12.0	1.07										
			PKP2	10 59	45.0	-0.1						LZ			16.0	0.59										
KMI	167.3	97	-PKP	10 58	41.5	-0.1						TIA	51.2	326	-P	13 18	09.2	-0.7								
			PKP2	10 59	50.5	-0.2						PcP	13 19	18.7	-0.5											
			PP	11 03	40.0	-1.3						ScP	13 22	40.3	1.6											
			PPMZ		$m_B=5.5$		5.0	0.40				S	13 24	59.0	0.2											
BJI	167.3	2	ePKP	10 58	41.0	-0.3						SME		$m_B=5.6$	9.0	0.77										



GYA	52.2	309	-P	13 18 17.8	0.2	3.0	1.90	LSA	66.0	306	sS	13 30 02.5	2.4	International Seismological Centre	
			PMZ									-iP	13 19 52.4		1.5
			PcP	13 19 22.0	-1.0						S	13 28 09.0	1.5		
			ScP	13 22 38.4	-4.7						ScS	13 29 09.8	2.7		
			S	13 25 17.0	4.4						WMQ	73.9	318		-iP
SNY	52.4	335	sS	13 27 28.0	2.9	4.0	1.65	KSH	80.9	311	sP	13 22 39.0	2.1		
			-iP	13 18 18.0	-0.9						S	13 29 40.5	1.5		
			PMZ	$m_B = 5.7$							sS	13 32 05.0	3.4		
			sP	13 20 12.0	-0.9						iP	13 21 17.0	0.4		
			iS	13 25 17.5	1.0						S	13 30 56.0	3.2		
MDJ	52.7	342	SME	$m_B = 5.8$		8.0	1.15	DEC 24d 14h 27m 20.7 ± 0.05s, SD0.99 / 22 10.83 S ± 1.07km, 164.81 E ± 1.35km, h37 ± 0.52km Santa Cruz Islands region (183)							
			ScS	13 27 30.0	2.9			CN2	65.1	330	eP	14 38 01.0	0.6		
			-iP	13 18 20.0	-0.7			GYA	67.5	305	eP	14 38 15.6	-0.5		
			sP	13 20 10.0	-4.7			CD2	71.7	308	eP	14 38 42.4	0.6		
			PcP	13 19 23.8	-0.8			BTO	71.9	319	eP	14 38 41.8	-1.1		
CN2	53.4	338	S	13 25 20.0	1.4	5.0	1.60	LZH	73.9	313	eP	14 38 56.0	1.1		
			SME	$m_B = 5.8$				GTA	78.2	314	eP	14 39 20.0	0.6		
			-iP	13 18 25.0	-0.7			WMQ	88.3	315	eP	14 40 11.0	0.4		
			PMZ	$m_B = 5.6$				DEC 24d 15h 35m 11.1 ± 0.12s, SD1.81 / 20 42.30 N ± 2.09km, 144.68 E ± 1.58km, h34 ± 0.46km Hokkaido region (224)							
			PcP	13 19 26.0	-1.3			BJI	21.5	274	eP	15 39 57.5	-2.2		
BJI	54.5	328	pP	13 19 42.0	1.2	6.0	1.30	BTO	25.9	278	eP	15 40 44.0	1.5		
			sP	13 20 17.0	-2.9			WHN	26.9	254	eP	15 40 50.4	-1.2		
			eS	13 25 28.0	-1.0			GTA	33.8	280	eP	15 41 53.6	1.3		
			ScS	13 27 33.0	-0.6			WMQ	41.0	292	eP	15 42 53.4	0.7		
			-P	13 18 33.0	-0.9			DEC 24d 21h 41m 56.3 ± 0.09s, SD2.06 / 49 36.74 N ± 1.20km, 83.47 E ± 1.12km, h33 ± 0.02km Southern Xinjiang Province (321) $M_S 4.4 / 6, M_L 4.9 / 6,$							
KMI	54.7	306	PMZ	$m_B = 5.5$		5.0	1.07	KSH	6.6	297	ePn	21 43 34.8	3.6		
			-iP	13 18 36.0	0.5			eSn	21 44 48.0	1.4					
			S	13 25 41.0	-4.6			LE	$M_S = 5.3$	6.0	16.0				
			-iP	13 18 35.2	-0.8			WMQ	7.8	23	ePn	21 43 50.4	2.8		
			S	13 25 42.0	-4.9			Sn	21 45 18.5	2.1					
XAN	54.8	318	sP	13 20 33.5	1.9	4.0	0.88	Sg	21 46 02.4	2.7					
			S	13 25 51.0	2.2			SMN	$M_L = 4.9$	0.8		0.33			
			-iP	13 18 49.2	-0.1			SME		1.0		0.46			
			sP	13 20 44.0	-0.3			GTA	13.1	73		eP	21 45 03.4	-0.3	
			S	13 26 13.0	1.4			LN	$M_S = 4.2$	8.0		0.62			
HHC	57.6	326	sS	13 28 31.7	5.6	16.0	0.88	LZ	$M_S = 4.2$	10.0	0.77				
			-P	13 18 55.0	-0.4			LZH	16.4	86	eP	21 45 46.0	-0.1		
			PMZ	$m_B = 5.5$				LN	$M_S = 4.4$	11.0	0.80				
			LE					XAN	20.9	90	P	21 46 37.2	-1.5		
			-iP	13 19 00.0	-0.2			BTO	21.0	71	eP	21 46 41.5	1.3		
BTO	58.3	325	PMZ			3.0	1.70	epP	21 46 49.0	0.3					
			pP	13 20 20.0	3.1			eS	21 50 30.0	1.8					
			sP	13 20 56.0	0.4			LN	$M_S = 4.4$	14.0		0.30			
			S	13 26 32.0	0.0			LE		14.0		0.60			
			sS	13 28 50.0	2.8			LZ	$M_S = 4.3$	14.0		0.80			
LZH	59.4	317	LN			13.0	0.30	GYA	22.2	111	P	21 46 51.6	-0.2		
			LE					TIY	23.0	79	eP	21 47 02.0	-1.9		
			-iP	13 19 08.0	0.1			eS	21 51 10.0	5.2					
			PMZ	$m_B = 5.9$				sS	21 51 25.0	6.0					
			pP	13 20 26.0	1.0			LN	$M_S = 4.6$	15.0	0.99				
GTA	63.9	319	sP	13 21 06.0	2.5	30.0	1.00	LZ	$M_S = 4.1$	18.0	0.61				
			S	13 26 49.0	2.7			BJI	25.8	73	eP	21 47 28.0	1.9		
			SME	$m_B = 5.3$				WHN	26.4	95	eP	21 47 33.0	1.3		
			LZ					DEC 24d 23h 05m 59.1 ± 0.38s, SD3.12 / 11 36.92 N ± 3.22km, 83.58 E ± 1.82km, h15 ± 0.04km Southern Xinjiang Province (321) $M_L 3.6 / 4,$							
			-iP	13 19 38.0	0.8										

KSH 6.6 296 Pn 23 07 37.2 1.5

DEC 24d 23h 16m 26.2 ± 0.11s, SD2.76 / 11  
36.78 N ± 0.60km, 84.11 E ± 1.08km, h7 ± 1.62km  
Southern Xinjiang Province (321)  
M<sub>L</sub>3.5 / 5,

KSH	7.0	295	ePg	23 18 32.2	2.1		
WMQ	7.5	20	ePg	23 18 36.2	-3.3		
			SMN		M <sub>L</sub> = 3.3	0.8	0.010
			SME			0.6	0.010

DEC 25d 03h 41m 42.5 ± 0.17s, SD3.41 / 13  
23.07 N ± 1.39km, 99.65 E ± 2.55km, h0 ± 0.68km  
Burma-China border region (297)  
M<sub>L</sub>4.1 / 4,

KMI	3.5	53	Pn	03 42 40.5	2.2		
			Pg	03 42 49.5	5.6		
			Sg	03 43 32.5	1.0		
			SMN		M <sub>L</sub> = 4.1	1.5	0.60
GTA	16.3	0	eP	03 45 38.9	4.3		

DEC 25d 05h 41m 05.9 ± 0.02s, SD1.96 / 6  
39.49 N ± 0.26km, 94.65 E ± 0.29km, h15 ± 0.20km  
Qinghai Province (325)  
M<sub>L</sub>3.7 / 5,

GTA	4.0	90	Pn	05 42 08.8	1.6		
			SMN		M <sub>L</sub> = 2.9	0.6	0.035
			SME			0.6	0.020
WMQ	6.8	312	ePg	05 43 05.9	0.5		
			Sg	05 44 32.5	-5.2		
			SMN		M <sub>L</sub> = 3.7	0.8	0.040
			SME			0.7	0.040

DEC 25d 12h 12m 12.1 ± 0.06s, SD1.17 / 51  
43.61 N ± 1.65km, 146.07 E ± 1.01km, h82 ± 0.56km  
Hokkaido region (224)

MDJ	11.9	281	eP	12 15 00.5	0.1		
CN2	14.9	278	eP	12 15 39.6	-0.4		
			pP	12 15 54.4	0.8		
DL2	18.9	264	eP	12 16 29.5	0.1		
BJI	22.5	271	eP	12 17 05.0	-0.8		
TIA	23.3	261	eP	12 17 13.9	0.1		
NJ2	24.3	251	-P	12 17 23.0	-0.1		
TIY	26.1	269	eP	12 17 41.0	0.9		
BTO	26.8	276	+iP	12 17 47.6	0.9		
WHN	28.3	253	eP	12 17 57.4	-2.8		
LZH	33.0	271	eP	12 18 41.5	-0.4		
GTA	34.5	279	eP	12 18 56.0	0.8		
CD2	35.6	264	P	12 19 04.2	0.0		
GYA	36.1	255	P	12 19 08.4	-0.2		
WMQ	41.4	291	P	12 19 52.8	0.3		

DEC 25d 13h 12m 05.5 ± 0.05s, SD1.24 / 33  
36.70 N ± 0.94km, 70.89 E ± 0.75km, h227 ± 0.40km  
Hindu Kush region (718)

KSH	4.9	53	P	13 13 22.0	2.1		
			S	13 14 18.0	0.9		
WMQ	14.7	56	P	13 15 23.6	-0.3		
			S	13 18 03.5	3.1		
LSA	18.3	107	P	13 16 08.0	2.2		
GTA	22.9	74	-iP	13 16 52.6	1.6		
BTO	30.6	71	eP	13 18 01.8	0.6		
GYA	32.0	98	P	13 18 12.0	-0.9		

DEC 25d 18h 12m 54.9 ± 0.08s, SD1.97 / 42  
36.86 N ± 1.29km, 83.44 E ± 1.05km, h32 ± 0.08km  
Southern Xinjiang Province (321)  
M<sub>S</sub>4.4 / 4, M<sub>L</sub>4.7 / 4,

KSH	6.5	296	Pn	18 14 32.0	3.2		
			Sn	18 15 47.0	3.6		
LSA	9.6	136	eP	18 15 16.8	2.0		
			LN		M <sub>S</sub> = 4.6	9.0	1.00
			LE			8.0	2.00
GTA	13.1	74	eP	18 16 01.2	-1.1		
			LN		M <sub>S</sub> = 4.3	7.0	0.58
			LZ		M <sub>S</sub> = 4.1	10.0	0.64
LZH	16.4	87	eP	18 16 44.5	-0.6		
KMI	20.2	120	+P	18 17 29.0	-1.4		
BTO	21.0	72	eP	18 17 38.5	-0.3		
			epP	18 17 45.5	-1.7		
			eS	18 21 27.5	0.8		
			LN		M <sub>S</sub> = 4.1	10.0	0.20
			LE			10.0	0.20
HHC	22.2	71	P	18 17 51.6	1.0		
GYA	22.3	111	P	18 17 51.0	-0.1		
TIY	23.0	79	eP	18 18 00.8	2.0		
			LN		M <sub>S</sub> = 4.5	11.0	0.59
			LZ		M <sub>S</sub> = 4.1	16.0	0.48
BJI	25.8	73	eP	18 18 25.0	0.3		
WHN	26.4	95	eP	18 18 27.0	-3.7		

DEC 26d 02h 48m 46.5 ± 0.08s, SD1.84 / 24  
23.37 N ± 0.93km, 99.50 E ± 0.98km, h26 ± 0.20km  
Burma-China border region (297)  
M<sub>S</sub>4.3 / 4, M<sub>L</sub>4.1 / 3,

KMI	3.4	59	ePn	02 49 40.5	1.5		
			-Pg	02 49 49.5	2.3		
			Sg	02 50 33.5	-0.7		
			SMN		M <sub>L</sub> = 4.5	1.5	1.80
			SME			1.5	0.80
			LE		M <sub>S</sub> = 4.4	6.0	5.70
GYA	7.2	63	P	02 50 31.4	-1.5		
			pP	02 50 38.8	-0.2		
			S	02 51 49.4	-4.8		
			SMN		M <sub>L</sub> = 4.1	1.4	0.10
			SME			1.4	0.050
			LN		M <sub>S</sub> = 4.4	6.0	1.31
			LE			6.0	1.00
GTA	16.0	1	eP	02 52 35.9	4.2		
			LE		M <sub>S</sub> = 4.2	12.0	0.66
TIY	18.1	35	eP	02 52 57.5	-0.5		
			LE		M <sub>S</sub> = 4.2	8.0	0.36
TIA	19.9	46	eP	02 53 19.3	0.2		
BJI	21.8	36	eP	02 53 39.0	0.5		
WMQ	22.6	337	P	02 53 47.3	0.7		

DEC 26d 03h 33m 59.1 ± 0.07s, SD1.62 / 23  
37.26 N ± 0.93km, 71.87 E ± 1.00km, h153 ± 0.46km  
Afghanistan-USSR border region (717)

KSH	3.9	53	P	03 35 02.5	3.3		
			sP	03 35 36.0	4.1		
			S	03 35 48.0	3.1		
			LN			4.0	3.30
GTA	22.0	76	eP	03 38 44.8	3.0		

DEC 26d 06h 12m 29.2 ± 0.10s, SD2.47 / 10  
38.01 N ± 0.94km, 106.42 E ± 0.80km, h10 ± 0.14km  
Northern China (323)  
M<sub>L</sub>3.2 / 9,

BTO	3.8	46	ePg	06 13 36.9	0.3		
			Sg	06 14 26.9	-1.4		
			SMN		M <sub>L</sub> = 2.9	0.5	0.030
			SME			0.5	0.030
TIY	4.8	92	ePg	06 13 54.8	1.2		
			SMN		M <sub>L</sub> = 3.6	0.6	0.11
			SME			0.6	0.050



HHC	4.9	53	ePg	06 13 52.6	-3.1					NJ2	16.8	109	eP	07 49 57.1	-0.3					
			Sn	06 14 39.2	-2.7								LN							
			Sg	06 14 58.6	-3.7								LE							
			SMN			$M_L=3.2$	0.4	0.022					LZ			$M_S=5.0$	9.0	3.77		
			SME				0.4	0.034		SNY	18.1	74	+P	07 50 17.1		3.5				
GTA	5.3	287	Pg	06 14 07.0	3.1								eS	07 53 40.0		6.7				
			SMN			$M_L=3.1$	0.8	0.026					LE			$M_S=4.6$	10.5	1.15		
			SME				0.6	0.016					LZ			$M_S=4.6$	16.0	2.12		
<p>DEC 26d 07h 45m <math>59.7 \pm 0.09s</math>, SD2.06 / 84                      39.07 N <math>\pm 1.21km</math>, 100.03 E <math>\pm 1.01km</math>, h10 <math>\pm 0.01km</math>                      Qinghai Province (325)  <math>M_S 4.9 / 30</math>, <math>M_L 4.9 / 3</math>,</p>										<p>DEC 26d 09h 22m <math>15.6 \pm 0.08s</math>, SD1.84 / 11                      35.83 N <math>\pm 0.23km</math>, 80.89 E <math>\pm 0.45km</math>, h23 <math>\pm 0.67km</math>                      Kashmir-Tibet border region (304)  <math>M_L 4.1 / 3</math>,</p>										
GTA	0.4	334	+iPg	07 46 08.5	1.7								eP	07 50 27.3		2.6				
			Sg	07 46 12.5	0.6								ePP	07 50 45.5		4.8				
LZH	4.3	133	Pn	07 47 08.5	3.3								eS	07 53 56.0		2.2				
			Pg	07 47 20.5	5.7								sS	07 54 05.0		3.8				
			Sg	07 48 19.0	6.1								LN			$M_S=4.8$	14.0	1.69		
			LN			$M_S=5.0$	6.0	13.5		GZH	19.6	141	eP	07 50 29.5		-1.2				
			LE				9.0	17.7		CN2	19.6	68	-P	07 50 32.0		0.7				
			LZ			$M_S=4.7$	10.0	9.80					pP	07 50 35.5		-0.6				
BTO	7.8	76	eP	07 47 56.5	-0.4								eS	07 54 06.0		-0.9				
			pP	07 48 01.5	0.1								LN			$M_S=4.7$	8.0	1.00		
			LN			$M_S=4.5$	9.0	2.70					LZ			$M_S=4.6$	15.0	1.80		
			LE				9.0	1.60		QZN	21.7	154	-iP	07 50 54.0		0.6				
			LZ			$M_S=4.6$	9.0	3.60					eS	07 54 47.5		-1.3				
CD2	8.7	158	eP	07 48 10.8	1.9								LN			$M_S=4.9$	10.0	1.20		
			eS	07 49 54.0	5.9								LE				10.0	0.70		
			LN			$M_S=5.0$	8.0	6.34		MDJ	22.6	66	eP	07 51 06.5		3.9				
XAN	8.7	122	eP	07 48 07.6	-1.9								S	07 55 10.0		4.8				
			SS	07 50 00.5	-0.9								LE			$M_S=4.8$	9.0	1.12		
			LN			$M_S=5.0$	8.5	5.70		<p>DEC 26d 09h 24m <math>13.0 \pm 0.06s</math>, SD2.94 / 6                      39.21 N <math>\pm 0.47km</math>, 100.18 E <math>\pm 0.55km</math>, h15 <math>\pm 0.35km</math>                      Qinghai Province (325)  <math>M_L 3.9 / 4</math>,</p>										
			LE				8.5	4.80		KSH	5.4	315	ePg	09 23 50.9		-0.1				
HHC	9.0	75	P	07 48 12.7	-0.9								Sg	09 24 59.0		-5.5				
TIY	9.8	94	+iP	07 48 23.9	-0.7								SMN			$M_L=4.2$	0.5	0.20		
			pP	07 48 27.0	-2.3								SME				0.5	0.30		
			eS	07 50 13.0	-3.3								WMQ	9.5	31	eP	09 24 35.4		0.5	
			LN			$M_S=4.8$	10.0	4.91					SMN				0.6	0.020		
			LZ			$M_S=5.0$	7.0	5.06					SME				0.6	0.020		
WMQ	10.4	301	eP	07 48 32.5	0.2															
			LN			$M_S=4.7$	9.0	3.14												
LSA	11.9	221	P	07 48 54.8	1.8															
			S	07 50 59.0	-6.8															
			LN			$M_S=4.8$	6.5	1.65												
			LE				8.0	2.10												
BJI	12.5	80	eP	07 49 01.0	0.1															
			eS	07 51 21.0	-0.4															
			LN			$M_S=4.7$	8.0	1.90												
GYA	13.8	154	P	07 49 16.2	-1.5															
			pP	07 49 22.8	0.9															
			S	07 51 49.0	-2.1															
			LN			$M_S=4.9$	10.0	1.80												
			LE				10.0	2.40												
			LZ			$M_S=4.4$	14.0	2.00												
TIA	13.8	97	eP	07 49 18.3	-0.5															
			LN			$M_S=5.0$	10.0	2.44												
			LE				10.0	3.03												
KMI	14.1	170	-P	07 49 21.0	-1.3															
			pP	07 49 29.0	2.5															
			eS	07 51 56.0	-4.2															
			LN			$M_S=4.9$	10.0	3.10												
WHN	14.5	122	P	07 49 27.5	0.1															
			sP	07 49 36.5	1.1															
			eS	07 52 10.0	0.6															
			LE			$M_S=5.0$	8.0	3.10												
			LZ			$M_S=4.7$	10.0	2.50												
DL2	16.8	84	eP	07 49 58.0	1.0															
			eS	07 53 10.0	7.0															
<p>DEC 27d 02h 56m <math>02.7 \pm 0.12s</math>, SD1.82 / 52                      27.78 N <math>\pm 1.74km</math>, 87.96 E <math>\pm 1.27km</math>, h64 <math>\pm 0.05km</math>                      Nepal (310)  <math>M_S 4.6 / 4</math>,</p>										<p>DEC 26d 14h 43m <math>49.9 \pm 0.07s</math>, SD2.13 / 8                      43.28 N <math>\pm 0.70km</math>, 82.24 E <math>\pm 0.71km</math>, h5 <math>\pm 0.03km</math>                      Northern Xinjiang Province (332)  <math>M_L 3.2 / 7</math>,</p>										
			LSA	3.4	55	+iP	02 56 58.3	2.9		WMQ	4.0	80	ePg	14 44 58.2		-2.7				
			CD2	14.1	73	eP	02 59 25.0	3.6					SMN			$M_L=2.7$	0.3	0.010		
			GTA	15.2	37	eP	02 59 33.6	-2.0					SME				0.4	0.020		
			LZH	15.8	54	eP	02 59 40.5	-2.7												
			WMQ	16.0	359	P	02 59 44.0	-1.5												

GYA	16.7	90	P	02 59 53.2	-1.2		
			pP	03 00 03.0	-2.4		
			S	03 02 50.0	-5.5		
XAN	19.0	66	eP	03 00 20.4	-2.1		
QZN	21.9	109	+P	03 00 54.8	2.9		
BTO	22.2	49	eP	03 00 55.8	0.3		
TIY	22.8	58	-P	03 01 01.5	0.4		
			S	03 04 56.0	-4.0		
			LN	$M_s=4.5$		14.0	0.84
WHN	23.2	77	eP	03 01 01.5	-3.4		
			LE	$M_s=4.7$		10.0	0.80
TIA	26.1	64	eP	03 01 34.0	1.7		
BJI	26.3	55	eP	03 01 36.0	1.4		
NJ2	27.1	73	-P	03 01 40.6	-1.0		
SSE	29.1	75	eP	03 02 00.0	0.4		
CN2	34.0	52	eP	03 02 43.0	-0.1		

BTO	38.0	19	eP	13 57 55.0	-0.8		
			pP	13 58 09.5	-0.3		
			eS	14 03 42.0	-1.4		
			LN	$M_B=5.0$		14.0	0.40
			LE			14.0	0.90
KSH	38.6	336	P	13 58 02.0	1.0		
			S	14 03 54.0	2.4		
HHC	38.8	20	+P	13 58 02.4	0.5		
WMQ	39.4	352	P	13 58 06.6	-0.2		
			sP	13 58 29.0	1.8		
			ScP	14 03 59.0	3.3		
			S	14 04 03.3	0.9		
BJI	39.8	25	+P	13 58 12.0	1.2		
			epP	13 58 26.5	1.6		
			esP	13 58 36.0	4.7		
			ScP	14 03 57.5	-0.1		
			eS	14 04 13.0	2.4		
SNY	44.7	30	+iP	13 58 50.2	-0.4		
			PP	14 00 36.0	0.0		
MDJ	49.8	32	eP	13 59 29.5	-0.9		

DEC 27d 10h 06m  $35.9 \pm 0.18s$ , SD1.88 / 19  
 29.10 S  $\pm 2.40km$ , 68.49 W  $\pm 2.71km$ , h102  $\pm 1.46km$   
 San Juan Province, Argentina (137)

KSH	149.0	61	ePKP	10 26 10.0	1.0		
			sPKP	10 26 46.0	-0.9		
			ePP	10 29 50.0	3.7		
WMQ	156.0	46	PKP	10 26 18.5	-0.5		
GTA	165.9	40	ePKP	10 26 30.1	0.3		

DEC 27d 18h 15m  $52.4 \pm 0.09s$ , SD1.67 / 82  
 23.23 N  $\pm 1.40km$ , 94.63 E  $\pm 1.13km$ , h116  $\pm 0.38km$   
 Burma (296)  
 $m_B 5.5 / 2$ ,  $m_b 5.1 / 1$ ,

DEC 27d 13h 50m  $40.9 \pm 0.10s$ , SD1.13 / 83  
 4.84 N  $\pm 1.56km$ , 95.13 E  $\pm 1.38km$ , h59  $\pm 0.51km$   
 Off west coast of Northern Sumatera (705)  
 $M_s 4.8 / 10$ ,

QZN	20.1	44	P	13 55 15.1	2.2		
			eS	13 58 53.0	2.6		
			sS	13 59 06.0	-3.1		
KMI	21.4	19	+P	13 55 28.5	1.8		
			pP	13 55 42.5	3.0		
			LN	$M_s=4.6$		14.0	1.20
GYA	24.2	26	+P	13 55 54.0	0.9		
			pP	13 56 09.0	2.6		
			sP	13 56 17.0	4.3		
			S	14 00 07.0	4.1		
			ScS	14 06 51.0	0.1		
			LE	$M_s=4.9$		8.0	0.94
LSA	25.0	352	P	13 56 03.4	1.7		
			pP	13 56 17.0	2.4		
			iS	14 00 23.0	4.0		
CD2	27.2	16	+P	13 56 20.7	-0.6		
WHN	31.3	33	eP	13 56 58.5	0.1		
			pP	13 57 08.6	-3.5		
			eS	14 02 00.0	0.4		
			LE	$M_s=4.8$		10.0	0.60
			LZ	$M_s=4.3$		24.0	0.80
XAN	31.8	22	+iP	13 57 00.7	-1.4		
LZH	32.1	13	eP	13 57 04.0	-1.4		
			pP	13 57 18.0	-1.0		
			LZ	$M_s=4.1$		35.0	0.70
GTA	34.7	6	+iP	13 57 26.7	-0.8		
			ScP	14 03 41.0	2.6		
			ScS	14 07 40.4	0.2		
NJ2	35.0	37	+P	13 57 30.0	-0.3		
SSE	35.8	40	eP	13 57 37.3	0.4		
			eS	14 03 08.0	-1.0		
			LN	$M_s=4.5$		14.0	0.34
			LZ	$M_s=4.2$		22.0	0.48
TIY	36.3	23	+P	13 57 40.1	-1.4		
			S	14 03 14.0	-2.3		
			LN	$M_g=5.1$		20.0	2.25
			LZ	$M_g=4.6$		22.0	1.04
TIA	37.2	30	eP	13 57 48.3	-0.4		

LSA	7.2	335	-iP	18 17 39.4	2.8		
			S	18 18 53.7	-2.4		
			LE			4.0	4.40
KMI	7.6	74	-P	18 17 46.0	3.1		
			sP	18 18 13.0	1.3		
			S	18 19 13.0	5.1		
CD2	11.2	45	P	18 18 30.0	0.2		
GYA	11.4	71	P	18 18 32.6	-0.3		
			S	18 20 37.0	-0.9		
			ScS	18 31 10.4	-1.4		
QZN	14.8	104	+P	18 19 22.0	4.9		
LZH	15.1	30	eP	18 19 19.0	-2.1		
XAN	16.5	46	-P	18 19 36.5	-2.2		
			PMZ	$m_b=5.1$		0.8	0.071
			S	18 22 42.2	5.2		
GTA	16.7	14	eP	18 19 39.4	-1.9		
WHN	19.0	63	-P	18 20 08.5	0.5		
			S	18 23 35.0	3.0		
			SMN	$m_B=5.6$		6.0	0.90
TIY	21.0	43	eP	18 20 26.5	-2.2		
			sS	18 24 52.0	5.2		
WMQ	21.3	346	-iP	18 20 33.1	1.5		
			S	18 24 20.0	4.3		
			SMN			1.3	0.13
			ScS	18 31 39.6	0.2		
BTO	21.6	33	eP	18 20 34.0	-0.8		
			sP	18 21 11.0	-1.5		
			eS	18 24 22.0	-0.5		
HHC	22.6	35	eP	18 20 44.0	-0.4		
KSH	22.7	320	P	18 20 48.0	2.7		
NJ2	23.1	62	+P	18 20 49.8	0.4		
			S	18 24 48.0	-0.1		
TIA	23.4	51	eP	18 20 50.9	-0.6		
BJI	24.7	42	eP	18 21 04.5	-0.3		
			eS	18 25 15.0	-0.9		
			eScP	18 28 05.0	-0.7		
			eScS	18 31 51.0	-1.6		
SSE	24.8	66	eP	18 21 05.5	-0.3		
			eS	18 25 18.0	0.4		
CN2	32.6	44	eP	18 22 15.5	0.2		

DEC 27d 18h 51m  $49.1 \pm 0.18s$ , SD1.90 / 74  
 24.03 N  $\pm 2.17km$ , 122.73 E  $\pm 2.14km$ , h19  $\pm 0.67km$



Taiwan region				(243)								
M <sub>S</sub> 4.9/36, M <sub>L</sub> 4.7/12,												
QZH	3.9	284	-iPn	18 52 49.3	1.0			PP	18 56 33.0	1.5		
			iSn	18 53 34.2	-1.2			eS	18 59 42.5	-3.2		
			SMN	M <sub>L</sub> =4.7	1.3	2.01		LN	M <sub>S</sub> =5.0		13.0	1.63
			SME		1.2	1.77		LE			13.0	2.54
			LN	M <sub>S</sub> =4.5	8.0	6.41	BTO	19.7	330			
			LE		8.0	6.82		LZ	M <sub>S</sub> =4.6		16.0	2.15
			LZ	M <sub>S</sub> =4.4	12.0	7.00		eP	18 56 20.0	-0.4		
SSE	7.2	349	P	18 53 33.2	-2.8			pP	18 56 26.5	0.1		
			SMN	M <sub>L</sub> =4.5	1.0	0.12		eS	18 59 55.0	-1.2		
			SME		1.0	0.23	CN2	19.9	6			
			LN	M <sub>S</sub> =4.8	12.0	3.79		LN	M <sub>S</sub> =5.2		12.0	2.40
			LE		8.0	6.54		LE			12.0	3.40
			LZ	M <sub>S</sub> =4.2	18.0	2.72		LZ	M <sub>S</sub> =4.8		12.0	2.40
GZH	8.7	266	eP	18 53 56.5	-0.2			eP	18 56 22.0	-0.3		
			S	18 55 33.5	-1.2			pP	18 56 27.5	-1.0		
			LN	M <sub>S</sub> =5.1	11.0	9.80		eS	18 59 59.0	-0.8		
			LE		7.0	2.40		LZ	M <sub>S</sub> =5.0		13.0	4.00
			LZ	M <sub>S</sub> =4.2	18.0	2.72	LZH	20.2	311			
NJ2	8.7	338	+P	18 53 54.7	-2.5			eP	18 56 27.5	0.8		
			S	18 55 31.0	-4.5			eS	19 00 14.0	5.5		
			LN	M <sub>S</sub> =4.9	11.0	4.10		LN	M <sub>S</sub> =4.9		10.0	1.20
			LE		11.5	6.46		LE			10.0	1.20
			LZ	M <sub>S</sub> =4.8	12.0	6.99	MDJ	21.3	14			
WHN	9.9	313	eP	18 54 11.0	-2.6			LZ	M <sub>S</sub> =4.8		16.0	2.80
			pP	18 54 16.0	-3.5			eP	18 56 35.0	-2.3		
			eS	18 56 03.0	-2.2			eS	19 00 30.0	1.7		
			SME		1.4	0.74		LN	M <sub>S</sub> =5.0		13.0	2.77
			LN	M <sub>S</sub> =5.0	8.0	5.10		LZ	M <sub>S</sub> =5.0		13.0	3.35
			LZ	M <sub>S</sub> =4.7	16.0	6.60	GTA	24.7	314			
QZN	13.0	250	eP	18 54 56.4	0.7			eP	18 57 11.0	0.0		
			eS	18 57 23.0	2.3			SS	19 02 29.0	4.0		
			LN	M <sub>S</sub> =4.8	19.0	4.80	LSA	28.7	288	P	18 57 49.7	1.7
			LE		15.0	1.70	WMQ	34.8	313	eP	18 58 40.3	-0.9
TIA	13.1	340	eP	18 54 55.0	-2.0		DEC 27d 23h 14m 06.1 ± 0.10s, SD1.81 / 69					
GYA	14.7	283	P	18 55 19.0	0.0		36.73 N ± 1.25km, 83.44 E ± 1.16km, h32 ± 0.08km					
			pP	18 55 27.6	3.2		Southern Xinjiang Province (321)					
			S	18 58 06.0	3.8		M <sub>S</sub> 4.8 / 24, M <sub>L</sub> 5.1 / 3,					
			LN	M <sub>S</sub> =5.2	8.0	4.00	KSH	6.5	297	Pn	23 15 44.5	3.7
			LE		8.0	2.90		eSn	23 17 03.0	6.9		
			LZ	M <sub>S</sub> =4.4	16.0	2.10	WMQ	7.8	23	ePn	23 15 59.2	1.4
DL2	14.9	357	eP	18 55 22.0	1.5			Sg	23 18 05.0	-5.3		
			LN	M <sub>S</sub> =4.9	12.0	2.72	LSA	9.5	135	-P	23 16 29.0	4.4
			LE		13.0	1.91		LN	M <sub>S</sub> =5.1		6.0	3.90
			LZ	M <sub>S</sub> =4.4	15.0	1.75		LE			6.0	3.53
XAN	15.7	313	eP	18 55 31.2	0.4		GTA	13.2	73	eP	23 17 11.3	-2.6
			LN	M <sub>S</sub> =5.1	10.0	3.70		sP	23 17 23.8	-1.7		
			LE		15.0	4.10		LE	M <sub>S</sub> =4.8		9.0	2.70
TIY	16.2	330	eP	18 55 39.0	0.7			LZ	M <sub>S</sub> =4.7		11.0	2.86
			sS	18 58 48.0	1.0		LZH	16.4	86	eP	23 17 55.0	-1.3
			LN	M <sub>S</sub> =5.0	14.0	2.99		eS	23 20 57.0	-0.5		
			LE		14.0	3.67		LN	M <sub>S</sub> =4.9		12.0	2.50
			LZ	M <sub>S</sub> =4.7	15.0	2.96		LE			11.0	0.70
BJI	16.9	342	eP	18 55 48.0	1.5		CD2	17.8	103	P	23 18 14.2	0.4
			eS	18 58 55.0	2.0		KMI	20.2	120	+P	23 18 39.5	-1.4
			LE	M <sub>S</sub> =4.6	15.0	1.90		sP	23 18 49.0	-4.3		
SNY	17.8	2	-P	18 56 02.0	4.5			S	23 22 22.0	2.1		
			S	18 59 17.0	4.8			LN	M <sub>S</sub> =4.8		10.0	1.10
			sS	18 59 25.5	3.3			LE			11.0	0.90
			LN	M <sub>S</sub> =4.8	12.0	1.82	BTO	21.1	71	P	23 18 51.0	0.6
			LE		11.0	0.88		pP	23 19 00.0	1.2		
			LZ	M <sub>S</sub> =4.8	13.0	2.98		ePP	23 19 14.0	0.9		
CD2	18.2	296	P	18 56 02.2	-0.3			S	23 22 40.0	2.3		
KMI	18.2	278	+P	18 56 06.5	3.2			LN	M <sub>S</sub> =4.8		14.0	0.60
			sP	18 56 16.0	3.4			LE			14.0	1.60
			SS	18 59 42.5	-3.3			LZ	M <sub>S</sub> =4.7		13.0	1.70
			LN	M <sub>S</sub> =5.0	12.0	3.40	GYA	22.2	111	P	23 19 01.6	-0.2
HHC	19.2	333	eP	18 56 16.7	1.5			pP	23 19 10.8	0.4		
								S	23 23 05.0	6.1		
								LN	M <sub>S</sub> =4.9		15.0	2.10
								LZ	M <sub>S</sub> =4.4		18.0	1.20



HHC	22.3	71	eP	23 19 04.1	1.9		
			eS	23 23 07.0	6.3		
			LN	$M_s=4.7$	9.0	0.39	
			LE		9.0	0.69	
TIY	23.1	79	eP	23 19 10.5	0.3		
			sS	23 23 35.0	5.8		
			LN	$M_s=4.8$	14.0	1.50	
			LZ	$M_s=4.8$	18.0	2.80	
BJI	25.8	73	eP	23 19 37.5	1.2		
			LN	$M_s=4.8$	7.0	0.60	
WHN	26.4	94	eP	23 19 40.5	-1.3		
			pP	23 19 50.2	-0.4		
			eS	23 24 10.0	-1.2		
			LN	$M_s=5.0$	8.0	1.00	
TIA	27.0	81	eP	23 19 47.0	-0.6		
QZN	29.1	120	eP	23 20 06.0	-0.4		
			eS	23 24 53.0	-2.0		
			LE	$M_s=4.8$	10.0	0.78	
CN2	32.5	64	eP	23 20 38.0	1.1		
MDJ	35.5	63	eP	23 21 05.0	2.9		

BJI	19.9	298	eP	02 09 07.5	-1.2		
WHN	21.3	271	P	02 09 22.6	-0.3		
TIY	22.4	290	-iP	02 09 34.8	1.3		
HHC	23.5	298	eP	02 09 44.4	0.4		
BTO	24.6	297	eP	02 09 54.9	0.4		
GYA	29.0	266	P	02 10 33.4	-0.7		
			PcP	02 13 37.8	1.2		
LZH	29.3	286	eP	02 10 35.5	-1.4		
CD2	30.1	276	P	02 10 42.7	-1.6		
GTA	32.3	293	-P	02 11 02.8	-0.8		
			ScP	02 17 10.1	3.0		
LSA	41.0	279	P	02 12 18.2	2.0		
WMQ	41.3	301	eP	02 12 18.5	0.0		
			PcP	02 14 16.2	3.6		

DEC 28d 00h 29m  $36.4 \pm 0.12s$ , SD2.50 / 52  
 26.96 N  $\pm 1.70km$ , 96.92 E  $\pm 1.11km$ , h21  $\pm 0.08km$   
 Burma (296)  
 $M_s 4.3 / 7$ ,  $M_L 4.2 / 4$ ,  $m_b 4.3 / 1$ ,

KMI	5.5	108	ePn	00 31 00.0	1.5		
			Sn	00 32 09.0	5.5		
			SMN		2.5	0.50	
			SME		2.0	0.20	
			LN	$M_s=4.1$	7.0	1.80	
LSA	5.8	300	Pn	00 31 07.7	5.8		
CD2	7.2	55	ePn	00 31 24.1	3.5		
GYA	8.7	91	P	00 31 45.2	0.4		
			S	00 33 23.6	0.4		
LZH	10.8	31	eP	00 32 13.5	-0.5		
			LN	$M_s=4.2$	9.0	0.70	
			LE		8.0	0.40	
			LZ	$M_s=4.0$	12.0	0.80	
GTA	12.6	10	eP	00 32 37.0	-1.4		
			LN	$M_s=4.3$	10.0	1.02	
			LZ	$M_s=4.4$	10.0	1.35	
WHN	15.7	73	eP	00 33 16.0	-2.3		
TIY	16.9	47	+P	00 33 38.4	4.6		
BTO	17.4	35	eP	00 33 40.0	0.1		
			sP	00 33 52.0	2.3		
			eS	00 36 52.0	0.5		
			LN	$M_s=4.5$	12.0	0.70	
			LE		11.0	0.60	
			LZ	$M_s=4.3$	11.0	0.80	
HHC	18.4	37	eP	00 33 49.4	-2.9		
WMQ	18.4	338	P	00 33 53.0	0.6		
BJI	20.6	46	eP	00 34 18.0	0.6		
KSH	21.5	311	eP	00 34 28.0	1.4		
SSE	21.6	73	eP	00 34 26.5	-0.8		
			PMZ	$m_b=4.3$	0.8	0.010	
			pP	00 34 33.0	-1.2		
			LE	$M_s=4.4$	12.0	0.58	

DEC 28d 05h 19m  $30.8 \pm 0.08s$ , SD1.60 / 37  
 37.98 N  $\pm 2.07km$ , 142.52 E  $\pm 1.83km$ , h30  $\pm 0.64km$   
 Off east coast of Honshu (229)  
 $M_s 4.1 / 2$ ,

MDJ	11.8	308	eP	05 22 23.0	3.3		
DL2	16.4	280	eP	05 23 22.0	1.5		
TIA	20.3	273	eP	05 24 07.6	0.2		
BJI	20.6	284	eP	05 24 10.0	0.2		
TIY	23.7	279	eP	05 24 37.0	-4.4		
HHC	24.0	287	eP	05 24 43.2	-1.3		
WHN	24.4	261	eP	05 24 48.0	0.3		
BTO	25.2	286	eP	05 24 54.0	-1.9		
XAN	27.4	272	eP	05 25 15.2	-0.7		
GYA	32.3	260	P	05 25 58.2	-1.2		
GTA	33.1	286	P	05 26 07.8	0.7		
WMQ	41.2	296	P	05 27 16.0	1.0		

DEC 28d 05h 53m  $31.7 \pm 0.10s$ , SD1.59 / 65  
 12.41 N  $\pm 1.68km$ , 124.67 E  $\pm 2.27km$ , h31  $\pm 0.36km$   
 Leyte (256)  
 $M_s 4.3 / 12$ ,

QZN	15.7	297	eP	05 57 14.0	1.4		
			eS	06 00 09.0	3.0		
			LN	$M_s=4.3$	13.0	0.80	
SSE	18.9	351	eP	05 57 54.0	1.8		
			pP	05 58 03.0	3.6		
			sP	05 58 08.0	4.1		
			eS	06 01 19.0	0.8		
			sS	06 01 28.0	-1.8		
			LE	$M_s=4.3$	12.0	0.53	
			LZ	$M_s=4.1$	20.0	0.93	
NJ2	20.3	346	eP	05 58 11.0	3.4		
			LE	$M_s=4.3$	10.5	0.42	
WHN	20.4	334	P	05 58 09.5	0.4		
			S	06 01 53.0	2.0		
			LE	$M_s=4.3$	14.0	0.60	
			LZ	$M_s=4.4$	16.0	1.20	
GYA	22.0	312	P	05 58 26.2	1.3		
			pP	05 58 35.6	2.4		
			LN	$M_s=4.6$	14.0	0.80	
			LE		14.0	0.50	
			LZ	$M_s=4.2$	16.0	0.70	
TIA	24.7	345	eP	05 58 51.6	0.4		
			LN	$M_s=4.5$	12.0	0.50	
			LE		12.0	0.40	
			LZ	$M_s=4.1$	18.0	0.50	
XAN	25.9	329	P	05 59 00.9	-1.9		
DL2	26.5	355	eP	05 59 12.0	3.2		
			esS	06 03 57.0	3.4		
CD2	26.7	317	eP	05 59 08.8	-1.5		
TIY	27.5	339	eP	05 59 16.9	-0.7		
			LE	$M_s=4.7$	15.0	0.87	
			LZ	$M_s=4.3$	19.0	0.74	

DEC 28d 02h 04m  $52.0 \pm 0.06s$ , SD1.24 / 71  
 32.85 N  $\pm 1.29km$ , 139.28 E  $\pm 1.37km$ , h216  $\pm 0.84km$   
 South of Honshu (211)

MDJ	14.0	330	+P	02 08 02.0	0.0		
SNY	15.3	310	eP	02 08 19.8	0.7		
CN2	15.4	319	eP	02 08 20.0	0.5		
SSE	15.5	268	P	02 08 21.0	0.6		
DL2	15.5	298	eP	02 08 23.0	1.8		
NJ2	17.3	273	+P	02 08 42.7	1.2		
TIA	18.6	287	eP	02 08 54.0	-1.0		

BJI	28.5	346	eP	05 59	26.0	-0.9			QZN	11.5	258	eP	16 39	24.8	0.9		
SNY	29.3	358	eP	05 59	38.4	4.4						eS	16 41	34.0	1.7		
			eS	06 04	30.5	6.2						LN		$M_S=4.3$	16.0	1.90	
LZH	30.1	325	eP	05 59	41.0	-0.5			GYA	14.5	292	P	16 40	05.0	0.4		
			LZ		$M_S=3.9$	24.0	0.30					S	16 42	44.0	-1.0		
HHC	30.6	340	eP	05 59	45.0	-0.4						LN		$M_S=4.5$	12.0	1.00	
			LZ		$M_S=4.4$	20.0	0.80					LE			12.0	1.20	
BTO	30.9	338	eP	05 59	48.0	-0.2						LZ		$M_S=4.3$	14.0	1.20	
MDJ	32.4	7	eP	06 00	01.5	0.5			TIA	14.9	345	eP	16 40	10.7	1.0		
GTA	34.7	325	-P	06 00	19.9	-1.8						LN		$M_S=4.5$	10.0	0.53	
			eS	06 05	48.1	-1.3						LE			10.0	0.88	
			LN		$M_S=4.6$	10.0	0.35		XAN	16.6	320	P	16 40	32.2	0.5		
LSA	35.5	304	P	06 00	30.8	2.1			DL2	17.1	360	eP	16 40	36.0	-1.0		
WMQ	44.6	322	P	06 01	43.3	0.1						eS	16 43	43.0	-1.7		
			LZ		$M_S=4.5$	22.0	1.04					LE		$M_S=4.5$	12.0	1.00	
DEC 28d 08h 58m $52.6 \pm 0.09s$ , SD1.27 / 42									KMI	17.7	285	-P	16 40	47.0	1.3		
8.25 S $\pm 1.10km$ , 121.15 E $\pm 1.50km$ , h215 $\pm 0.59km$												eS	16 44	02.0	1.5		
Flores region (286)												LN		$M_S=4.7$	12.0	1.10	
QZH	33.1	356	-P	09 05	10.2	-0.3						LE			12.0	1.10	
GYA	37.3	338	P	09 05	45.6	-0.3			TIY	17.8	335	-P	16 40	47.4	1.2		
WHN	39.1	351	P	09 06	01.5	0.3						PP	16 41	03.5	3.1		
SSE	39.1	0	P	09 06	01.7	0.5						S	16 44	05.5	4.8		
NJ2	40.1	357	-P	09 06	11.0	1.5						sS	16 44	18.0	5.3		
CD2	42.4	338	P	09 06	27.6	-0.1						LE		$M_S=4.8$	15.0	2.61	
XAN	43.6	345	+P	09 06	36.7	-1.2						LZ		$M_S=4.7$	14.0	2.62	
TIY	46.4	350	eP	09 06	57.7	-2.5			CD2	18.5	303	P	16 40	55.2	0.5		
			LZ			18.0	0.49		BJI	18.8	347	eP	16 40	59.0	0.4		
LSA	47.5	324	+iP	09 07	10.7	1.9						LN		$M_S=4.2$	13.0	0.54	
GTA	51.4	339	P	09 07	37.8	-0.2			SNY	20.1	4	eP	16 41	12.3	-0.2		
WMQ	60.0	333	+P	09 08	39.5	-0.1						sP	16 41	24.7	0.0		
DEC 28d 09h 02m $07.2 \pm 0.22s$ , SD2.90 / 26												eS	16 44	47.0	-4.5		
36.30 N $\pm 2.52km$ , 140.04 E $\pm 1.18km$ , h51 $\pm 2.56km$												LN		$M_S=4.7$	17.0	0.71	
Near south coast of Honshu (230)												LE			14.0	1.40	
$M_S 3.5 / 1$ ,									HHC	20.9	338	eP	16 41	20.2	-1.1		
SSE	16.5	257	P	09 06	01.7	4.6						S	16 45	05.0	-1.9		
NJ2	18.0	263	-P	09 06	11.0	-4.9						LN		$M_S=4.9$	15.0	1.28	
BJI	19.1	288	eP	09 06	30.0	1.1						LE			15.0	1.76	
TIY	22.1	282	eP	09 06	57.7	-1.9						LZ		$M_S=4.4$	18.0	1.35	
			LZ		$M_S=4.0$	18.0	0.49		LZH	21.1	316	eP	16 41	24.5	0.6		
WHN	22.2	262	P	09 07	01.5	1.1						eS	16 45	08.0	-4.8		
XAN	25.5	274	+P	09 07	36.7	4.0						LN		$M_S=4.5$	10.0	0.70	
WMQ	40.2	297	+P	09 09	39.5	-1.2						LZ		$M_S=4.1$	20.0	0.80	
DEC 28d 16h 36m $38.7 \pm 0.12s$ , SD1.69 / 71									BTO	21.2	335	eP	16 41	24.0	-0.9		
21.77 N $\pm 1.44km$ , 121.74 E $\pm 1.73km$ , h30 $\pm 0.34km$												sP	16 41	33.0	-4.0		
Taiwan region (243)												ePP	16 41	46.5	-1.6		
$M_S 4.5 / 26, M_L 4.3 / 12$ ,												eS	16 45	12.0	-2.7		
QZH	4.3	318	ePn	16 37	41.5	-0.8						LN		$M_S=5.0$	12.0	1.40	
			Sn	16 38	30.2	-2.7						LE			12.0	1.70	
			SME		$M_L=3.9$	1.0	0.24		CN2	22.2	7	eP	16 41	33.6	-0.6		
GZH	7.9	281	P	16 38	36.0	1.9						epP	16 41	41.0	-1.6		
			SMN		$M_L=4.5$	1.1	0.13					eS	16 45	31.0	-1.0		
			SME			1.1	0.16					LE		$M_S=5.0$	12.0	2.40	
SSE	9.3	357	eP	16 38	50.8	-3.0						LZ		$M_S=4.6$	14.0	1.50	
			SMN			1.0	0.024		MDJ	23.7	14	+P	16 41	50.5	1.5		
			SME			1.2	0.051					LZ		$M_S=4.1$	20.0	0.59	
			LE		$M_S=4.5$	8.0	2.12		GTA	25.7	318	eP	16 42	08.0	-0.3		
			LZ		$M_S=3.8$	20.0	0.93					pP	16 42	12.0	-4.6		
NJ2	10.6	346	eP	16 39	09.5	-1.7						eS	16 46	34.0	1.1		
			S	16 41	02.5	-6.7						LE		$M_S=4.5$	12.0	0.57	
			LN		$M_S=4.5$	10.0	0.78					LZ		$M_S=4.4$	16.0	0.96	
			LE			10.5	1.83		LSA	28.6	292	P	16 42	40.9	5.6		
WHN	11.0	324	eP	16 39	17.6	0.8			WMQ	35.7	316	eP	16 43	36.5	-0.5		
			eS	16 41	15.0	-4.5											
			SME			1.2	0.060		DEC 28d 21h 40m $26.1 \pm 0.06s$ , SD1.57 / 6								
			LE		$M_S=4.4$	12.0	1.60		22.56 N $\pm 0.53km$ , 115.22 E $\pm 0.31km$ , h33 $\pm 0.41km$								

Near south-eastern coast of China (242)  
M<sub>L</sub>3.3 / 8,  
GZH 1.8 287 ePg 21 40 58.0 -0.4  
Sg 21 41 20.0 -3.4  
SMN M<sub>L</sub>=3.2 0.5 0.32  
SME 0.6 0.16

DEC 29d 05h 08m 24.5 ± 0.16s, SD0.95 / 60  
18.63 S ± 0.87km, 169.30 E ± 1.24km, h251 ± 1.51km  
Vanuatu (New Hebrides) (186)  
NJ2 69.8 316 +P 05 19 10.0 -0.2  
WHN 72.0 312 eP 05 19 22.5 -0.8  
DL2 72.6 323 eP 05 19 27.0 0.3  
MDJ 72.6 331 -P 05 19 27.3 0.2  
CN2 74.0 329 +P 05 19 34.0 -1.0  
GYA 75.5 305 -P 05 19 44.0 0.1  
BJI 76.5 321 eP 05 19 49.0 -0.2  
TIY 77.4 317 P 05 19 54.7 0.3  
LN 9.0 0.29  
XAN 77.7 312 +iP 05 19 56.8 0.7  
KMI 78.0 302 +P 05 19 59.0 1.3  
HHC 79.8 319 eP 05 20 08.0 0.8  
CD2 79.9 307 P 05 20 08.7 0.9  
BTO 80.6 318 eP 05 20 12.0 0.5  
LZH 82.4 312 eP 05 20 21.5 0.8  
GTA 86.8 313 +P 05 20 42.6 0.2  
WMQ 96.8 314 P 05 21 29.0 0.0

DEC 29d 14h 09m 49.9 ± 0.15s, SD2.36 / 51  
33.92 N ± 2.43km, 139.40 E ± 2.69km, h18 ± 0.92km  
South of Honshu (211)  
M<sub>S</sub>4.8 / 20,  
MDJ 13.1 328 eP 14 13 00.0 1.9  
S 14 15 30.0 6.0  
LE M<sub>S</sub>=4.5 16.0 2.03  
LZ M<sub>S</sub>=4.0 20.0 1.18  
CN2 14.7 316 eP 14 13 23.0 4.3  
epP 14 13 27.0 2.9  
LE M<sub>S</sub>=5.1 12.0 5.70  
LZ M<sub>S</sub>=4.4 13.0 1.50  
SNY 14.8 307 eP 14 13 23.8 3.8  
SS 14 16 25.5 4.8  
LN M<sub>S</sub>=4.7 11.0 1.92  
LE 13.0 0.56  
DL2 15.1 294 eP 14 13 29.5 4.5  
eS 14 16 09.0 -4.2  
LN M<sub>S</sub>=4.8 12.0 2.04  
LE 12.0 1.33  
LZ M<sub>S</sub>=4.5 12.0 1.80  
NJ2 17.3 270 +P 14 13 55.3 2.3  
TIA 18.4 283 eP 14 14 05.2 -0.7  
LN M<sub>S</sub>=4.9 13.0 0.78  
LE 13.0 2.60  
BJI 19.5 295 eP 14 14 19.0 -0.3  
eS 14 17 58.0 4.7  
LE M<sub>S</sub>=4.6 12.0 1.10  
WHN 21.4 268 -iP 14 14 40.0 0.3  
sP 14 14 52.0 2.6  
LN M<sub>S</sub>=4.6 12.0 1.00  
LZ M<sub>S</sub>=4.3 24.0 1.40  
TIY 22.2 288 eP 14 14 52.0 5.0  
LE M<sub>S</sub>=4.9 12.0 1.59  
LZ M<sub>S</sub>=5.0 14.0 4.05  
HHC 23.1 296 eP 14 14 55.0 -1.5  
LZ M<sub>S</sub>=4.4 14.0 0.95  
BTO 24.2 295 eP 14 15 03.5 -3.9  
eS 14 19 17.0 -5.7  
LN M<sub>S</sub>=5.0 14.0 1.70

LE  
LZ M<sub>S</sub>=4.5 14.0 1.20  
XAN 25.2 279 P 14 15 15.8 -1.1  
GYA 29.2 264 P 14 15 53.0 0.1  
pP 14 16 01.0 1.6  
S 14 20 38.0 -4.3  
LE M<sub>S</sub>=5.1 16.0 2.30  
LZ M<sub>S</sub>=4.6 16.0 1.10  
CD2 30.1 274 eP 14 16 00.6 -1.0  
GTA 32.0 291 eP 14 16 17.2 -1.2  
LE M<sub>S</sub>=4.9 12.0 1.03  
LZ M<sub>S</sub>=4.8 12.0 1.22  
WMQ 40.9 300 P 14 17 33.5 0.4  
eS 14 23 43.0 -0.7  
LZ M<sub>S</sub>=4.8 10.0 0.72

DEC 29d 19h 09m 56.5 ± 0.07s, SD1.69 / 72  
36.53 N ± 1.94km, 141.06 E ± 1.68km, h60 ± 1.35km  
Near east coast of Honshu (228)  
M<sub>S</sub>4.2 / 3,  
MDJ 11.9 316 -P 19 12 49.5 3.9  
CN2 14.0 306 eP 19 13 15.0 1.8  
SNY 14.6 297 -P 19 13 21.4 0.6  
DL2 15.6 285 eP 19 13 38.0 4.1  
SSE 17.4 258 P 19 13 56.2 -0.4  
pP 19 14 09.0 1.6  
sP 19 14 15.1 0.4  
sS 19 17 24.0 1.0  
LN M<sub>S</sub>=4.2 10.0 0.43  
LZ M<sub>S</sub>=3.9 20.0 0.56  
NJ2 18.9 263 +P 19 14 14.0 -0.8  
TIA 19.3 276 -P 19 14 17.9 -1.4  
BJI 19.8 288 eP 19 14 24.0 -1.3  
TIY 22.8 282 eP 19 14 54.5 -1.1  
WHN 23.0 263 -iP 19 14 55.0 -2.4  
HHC 23.4 290 eP 19 15 00.4 -0.6  
XAN 26.3 274 eP 19 15 30.2 1.4  
LZH 29.9 280 eP 19 16 00.0 -1.2  
GYA 30.9 261 P 19 16 09.4 -0.5  
CD2 31.4 271 eP 19 16 14.2 -0.3  
GTA 32.4 288 P 19 16 21.7 -2.1  
KMI 34.6 262 +P 19 16 42.5 0.0  
WMQ 40.8 297 +P 19 17 35.9 1.5  
sS 19 24 09.0 3.9  
LSA 42.0 276 P 19 17 48.3 4.0

DEC 29d 19h 30m 03.4 ± 0.09s, SD1.37 / 79  
47.05 N ± 2.66km, 153.92 E ± 2.11km, h30 ± 0.58km  
Kurile Islands (221)  
M<sub>S</sub>5.2 / 28, m<sub>B</sub>5.4 / 6, m<sub>b</sub>5.2 / 1,  
MDJ 17.1 271 eP 19 34 02.2 -0.1  
LN M<sub>S</sub>=5.0 16.0 4.90  
LZ M<sub>S</sub>=5.1 15.0 7.00  
CN2 20.2 271 -P 19 34 35.8 -3.0  
pP 19 34 42.0 -4.8  
eS 19 38 16.0 -3.3  
LE M<sub>S</sub>=5.5 13.0 8.30  
LZ M<sub>S</sub>=5.2 16.0 7.60  
SNY 22.2 268 +P 19 34 58.1 -1.1  
PMZ m<sub>B</sub>=5.3 7.0 0.94  
epP 19 35 05.0 -2.6  
PP 19 35 25.0 -0.4  
S 19 39 00.0 3.5  
LN M<sub>S</sub>=5.2 13.0 3.68  
LE 14.0 1.91  
LZ M<sub>S</sub>=5.3 16.0 7.77  
DL2 24.9 263 eP 19 35 24.5 -0.5  
PMZ m<sub>B</sub>=5.4 8.0 1.10



		pP	19 35 31.0	-2.5			GYA	42.3 258	P	19 37 56.6	-0.3		
		LN		$M_s = 5.1$	14.0	2.28			pP	19 38 04.0	-1.5		
		LE			14.0	1.52			S	19 44 09.0	-5.9		
		LZ		$M_s = 4.5$	15.0	1.19			LN		$M_s = 5.5$	18.0	2.80
BJI	28.0 269	eP	19 35 54.0	-0.5					LE			18.0	2.10
		eS	19 40 35.0	-0.7					LZ		$M_s = 4.8$	18.0	1.20
		LN		$M_s = 5.3$	15.0	2.10	WMQ	45.3 291	P	19 38 21.2	0.0		
		LE			15.0	3.20			LE		$M_s = 5.7$	13.5	3.75
TIA	29.3 262	+P	19 36 05.5	-0.4					LZ		$M_s = 5.6$	15.0	5.52
		S	19 40 58.5	3.2			KMI	45.8 260	+P	19 38 25.0	-0.4		
		LN		$M_s = 5.1$	16.0	0.97			PP	19 40 17.0	4.5		
		LE			16.0	2.20			S	19 45 09.0	3.2		
		LZ		$M_s = 4.8$	14.0	1.60			LN		$M_s = 5.1$	16.0	1.10
SSE	29.7 249	P	19 36 10.0	0.4			LSA	50.8 273	+P	19 39 06.9	2.7		
		PMZ		$m_b = 5.3$	8.0	0.46	KSH	55.1 293	eP	19 39 36.0	0.3		
		sP	19 36 21.5	-0.6					eS	19 47 15.0	-0.1		
		eS	19 41 05.0	2.3			DEC 29d 22h 33m $36.1 \pm 0.13s$ , SD1.05 / 41						
		LN		$M_s = 5.1$	16.0	1.88	5.46 S $\pm 0.81km$ , 150.24 E $\pm 0.94km$ , h148 $\pm 1.01km$						
		LE			16.0	1.18	New Britain region (192)						
		LZ		$M_s = 4.4$	20.0	0.93	SSE	45.7 324	eP	22 41 44.0	-0.7		
NJ2	30.6 253	+P	19 36 18.1	0.6			WHN	49.6 318	P	22 42 16.2	1.5		
		eS	19 41 15.0	-1.7			DL2	51.5 331	eP	22 42 30.0	1.1		
		LN		$M_s = 5.2$	16.0	1.81	TIA	51.8 326	eP	22 42 30.8	-0.4		
		LE			14.0	2.13	SNY	53.0 335	eP	22 42 40.4	0.3		
		LZ		$M_s = 5.1$	12.0	2.43	MDJ	53.2 342	eP	22 42 41.5	-0.2		
HHC	30.8 274	eP	19 36 19.6	0.1			CN2	53.9 338	eP	22 42 46.5	-0.4		
		S	19 41 16.0	-3.2			BJI	55.1 328	eP	22 42 55.0	-0.4		
		LN		$M_s = 5.4$	14.0	2.07	XAN	55.4 318	-P	22 42 57.7	0.0		
		LE			14.0	3.47	TIY	55.5 324	eP	22 42 58.5	-0.2		
		LZ		$M_s = 5.4$	18.0	7.93	HHC	58.1 326	eP	22 43 17.1	-0.1		
TIY	31.7 268	-P	19 36 27.8	0.5			DEC 29d 22h 55m $20.6 \pm 0.13s$ , SD3.11 / 21						
		S	19 41 32.0	-1.1			36.82 N $\pm 1.69km$ , 83.49 E $\pm 1.43km$ , h31 $\pm 0.16km$						
		sS	19 41 47.5	-0.9			Southern Xinjiang Province (321)						
		LE		$M_s = 5.2$	15.0	2.17	$M_s 4.6 / 1$ , $M_L 4.4 / 6$ ,						
		LZ		$M_s = 5.0$	15.0	2.17	KSH	6.5 297	ePn	22 56 58.4	3.1		
BTO	32.0 275	P	19 36 28.5	-1.3					Sn	22 58 12.0	1.4		
		pP	19 36 36.5	-1.7					LE		$M_s = 4.6$	7.0	3.80
		PP	19 37 34.0	-1.6			WMQ	7.7 23	ePn	22 57 13.8	2.8		
		S	19 41 37.0	-0.5					Sg	22 59 21.0	-0.6		
		LN		$M_s = 5.2$	14.0	1.40			LN			3.0	0.51
		LE			20.0	2.60			LE			3.0	0.52
		LZ		$M_s = 5.1$	16.0	3.20	GTA	13.1 74	eP	22 58 23.8	-3.9		
WHN	34.5 256	P	19 36 51.5	-0.2			LZH	16.4 86	eP	22 59 14.5	4.1		
		PMZ		$m_b = 5.2$	0.8	0.030	GYA	22.2 111	P	23 00 20.4	4.0		
		sP	19 37 05.3	1.1			TIY	23.0 79	eP	23 00 27.0	2.7		
		S	19 42 24.0	6.8			DEC 30d 00h 27m $48.5 \pm 0.11s$ , SD1.32 / 89						
		LE		$M_s = 5.2$	12.0	1.50	2.88 S $\pm 1.43km$ , 141.66 E $\pm 2.09km$ , h20 $\pm 0.12km$						
		LZ		$M_s = 4.9$	18.0	1.80	New Guinea (202)						
QZH	35.7 244	eP	19 37 00.0	-1.3			$M_s 5.5 / 35$ , $m_b 5.8 / 9$ ,						
		eS	19 42 33.0	-2.4			QZH	35.6 322	eP	00 34 44.0	-3.1		
		LZ		$M_s = 4.7$	16.0	1.07			eS	00 40 16.0	-5.5		
XAN	36.1 265	+P	19 37 05.1	0.1					LN		$M_s = 5.3$	13.0	2.17
LZH	38.4 272	eP	19 37 25.0	0.2					LZ		$M_s = 5.1$	24.0	3.92
		PMZ		$m_b = 5.6$	6.0	0.66	QZN	38.1 306	P	00 35 09.8	1.3		
		eS	19 43 18.0	-0.1					PP	00 36 36.0	-2.5		
		LN		$M_s = 5.3$	15.0	1.00			eS	00 40 59.0	-1.4		
		LE			15.0	2.00			sS	00 41 14.0	1.7		
		LZ		$M_s = 5.3$	15.0	3.30			LE		$M_s = 5.4$	19.0	3.50
GTA	39.5 279	P	19 37 32.6	-0.8			SSE	39.0 332	-P	00 35 16.5	0.6		
		PP	19 39 03.0	-5.1					pP	00 35 24.5	1.4		
		S	19 43 31.5	-1.0					S	00 41 14.0	1.0		
		LE		$M_s = 5.4$	13.0	2.34			LN		$M_s = 5.4$	16.0	2.82
		LZ		$M_s = 5.3$	14.0	3.47			LE			16.0	1.47
GZH	40.3 248	P	19 37 41.0	1.0					LZ		$M_s = 5.2$	20.0	3.73
CD2	41.5 265	eP	19 37 49.8	0.1									
		eS	19 44 05.0	1.8									
		LN		$M_s = 5.4$	17.0	1.89	NJ2	40.9 330	+P	00 35 32.9	1.0		
		LE			16.0	2.36							

WHN	42.2 324	S	00 41 43.5	1.7			S	00 44 08.0	-4.0				
		LN		$M_s = 5.4$	11.0	1.43		SMN		$m_B = 6.0$	8.0	0.79	
		LE			11.0	1.35		SME			9.0	1.38	
		LZ		$M_s = 5.2$	16.0	2.71		LN		$M_s = 5.6$	20.0	3.64	
		eP	00 35 40.0	-2.5				LE			16.0	1.28	
		S	00 42 04.0	3.0			BTO	52.0 330	LZ		$M_s = 5.5$	24.0	5.18
		SMN		$m_B = 6.0$	7.0	1.60		eP	00 36 57.5	-2.2			
GYA	44.7 313	SS	00 45 10.0	6.0			sP	00 37 05.0	-4.9				
		LE		$M_s = 5.3$	14.0	1.60		ePP	00 38 56.0	-1.6			
		LZ		$M_s = 5.4$	18.0	4.20		S	00 44 18.0	-2.0			
		-P	00 36 04.2	1.8			LZ		$M_s = 5.7$	18.0	2.70		
		pP	00 36 08.8	-0.6			LN			18.0	2.50		
		S	00 42 33.0	-3.2			LE			19.0	4.10		
		SMN		$m_B = 5.9$	8.0	1.50	LZH	52.4 321	LZ		$M_s = 5.5$		
TIA	45.1 332	LN		$M_s = 5.5$	18.0	2.60	eP	00 37 03.5	0.9				
		LE			18.0	1.90	PMZ		$m_B = 5.6$	5.0	0.41		
		LZ		$M_s = 5.0$	18.0	1.70	eS	00 44 29.0	2.3				
		eP	00 36 05.6	-0.5			SMN		$m_B = 5.8$	9.0	1.13		
		S	00 42 43.0	-0.1			SME			22.0	1.97		
		LN		$M_s = 5.4$	14.0	1.40	LN		$M_s = 5.4$	15.0	1.31		
		LE			14.0	1.20	LE			15.0	0.80		
DL2	45.5 338	LZ		$M_s = 5.3$	15.0	2.44	LZ		$M_s = 5.4$	25.0	4.30		
		eP	00 36 10.0	1.1			GTA	57.0 322	+P	00 37 36.8	0.8		
		pP	00 36 15.0	-1.1			S	00 45 26.0	-0.5				
		S	00 42 50.0	1.7			SS	00 49 16.0	-0.2				
		sS	00 43 03.0	1.7			LN		$M_s = 5.3$	14.5	1.12		
		LN		$M_s = 5.5$	16.0	1.80	LZ		$M_s = 5.1$	23.0	2.00		
		LE			15.0	2.34	LZA	58.1 308	eP	00 37 46.4	2.1		
KMI	46.9 309	LZ		$M_s = 5.0$	20.0	1.63	S	00 45 46.5	5.1				
		-P	00 36 21.0	0.8			SME		$m_B = 5.7$	5.0	0.49		
		sP	00 36 27.5	-2.8			P	00 38 43.0	0.1				
		PP	00 38 12.0	2.6			S	00 47 37.0	4.3				
		S	00 43 05.0	-3.2			LZ		$M_s = 5.3$	20.0	1.81		
		ScS	00 46 15.0	4.9			KSH	73.4 313	eP	00 39 24.0	2.0		
		LE		$M_s = 5.4$	18.0	2.50	eS	00 48 54.0	4.6				
SNY	47.4 342	-P	00 36 23.7	-0.5			LE		$M_s = 5.5$	15.0	1.20		
		pP	00 36 29.0	-2.3			DEC 30d 02h 12m 47.1 ± 0.04s, SD0.92 / 13						
		LN		$M_s = 5.6$	18.0	2.63	1.80 S ± 0.58km, 133.88 E ± 1.20km, h29 ± 0.27km						
		LE			17.0	2.20	West Irian region (196)						
		LZ		$M_s = 5.4$	21.0	4.81	BJI	44.7 341	eP	02 20 58.5	-1.1		
		P	00 36 29.0	0.6			LZH	47.0 326	eP	02 21 18.0	0.2		
		PcP	00 37 53.7	-2.3			GTA	51.6 326	eP	02 21 52.8	-0.5		
XAN	47.9 323	S	00 43 24.5	1.4			WMQ	61.3 323	P	02 23 04.5	1.3		
		LN		$M_s = 5.6$	14.0	2.52	DEC 30d 07h 10m 19.8 ± 0.27s, SD0.89 / 35						
		LE			17.0	2.31	23.76 S ± 3.83km, 175.06 W ± 3.97km, h38 ± 0.43km						
		eP	00 36 31.7	-0.9			South of Tonga (175)						
		S	00 43 35.0	4.1			MDJ	84.7 324	+P	07 22 51.3	-0.8		
		SME			15.0	3.02	DL2	86.0 316	eP	07 22 58.0	-0.1		
		LN		$M_s = 5.5$	18.0	3.10	CN2	86.5 321	-P	07 23 00.5	-0.4		
TIY	48.6 329	LZ		$M_s = 5.0$	25.0	1.90			pP	07 23 10.5	-1.1		
		eP	00 36 34.4	0.7			WHN	86.6 305	eP	07 23 01.5	0.5		
		S	00 43 32.0	-0.8			TIA	87.5 311	eP	07 23 05.3	-0.2		
		LN		$M_s = 5.7$	17.0	3.88	BJI	90.1 314	eP	07 23 18.0	0.0		
		eP	00 36 33.5	-0.5			GYA	90.6 299	P	07 23 18.4	-2.1		
		eS	00 43 34.0	-0.6			TIY	91.5 311	eP	07 23 24.4	0.0		
		LN		$M_s = 5.6$	18.0	3.50	XAN	92.3 306	P	07 23 29.4	1.4		
CN2	48.7 344	+P	00 36 33.4	-0.7			HHC	93.6 313	eP	07 23 34.4	0.3		
		sP	00 36 40.0	-4.4			BTO	94.5 312	eP	07 23 38.8	0.5		
		eS	00 43 34.0	-0.8			DEC 30d 10h 49m 36.2 ± 0.09s, SD1.67 / 39						
		SME		$m_B = 6.0$	10.0	2.10	22.49 N ± 1.32km, 93.98 E ± 1.10km, h72 ± 0.24km						
		LE		$M_s = 5.8$	17.0	5.70	Burma (296)						
		LZ		$M_s = 5.1$	21.0	2.10	LSA	7.6 341	P	10 51 28.2	0.8		
		P	00 36 39.6	0.7					LN			0.6	0.10
CD2	49.3 316	iS	00 43 46.0	2.4				LE			0.6	0.091	
		LN		$M_s = 5.5$	18.0	1.82	CD2	12.1 44	eP	10 52 29.2	1.4		
		LE			20.0	2.49	GYA	12.2 69	P	10 52 30.0	0.8		
		eP	00 36 55.8	0.4									
		pP	00 37 02.0	-0.3									

LZH	16.0	30	eP	10 53 20.0	1.0		
XAN	17.5	46	eP	10 53 36.5	-0.1		
GTA	17.6	15	eP	10 53 36.8	-1.5		
WHN	19.9	62	P	10 54 02.0	-2.6		
			pP	10 54 15.5	-3.7		
WMQ	21.9	348	eP	10 54 26.4	1.4		
TIY	22.0	42	eP	10 54 26.0	0.3		
KSH	22.9	322	eP	10 54 36.9	2.0		
DEC 30d 14h 30m 31.8 ± 0.08s, SD1.49 / 48 2.97 S ± 1.22km, 141.41 E ± 2.28km, h34 ± 0.50km West Irian (201) M <sub>s</sub> 4.8 / 2,							
SSE	39.0	332	eP	14 37 57.0	0.1		
			LZ	M <sub>s</sub> =5.3	20.0	4.47	
WHN	42.2	324	eP	14 38 19.0	-4.2		
GYA	44.5	313	P	14 38 43.0	0.3		
SNY	47.4	342	eP	14 39 06.0	0.5		
			eS	14 45 55.0	-2.0		
			LN	M <sub>s</sub> =4.6	22.0	0.44	
			LZ	M <sub>s</sub> =4.5	21.0	0.62	
XAN	47.9	323	eP	14 39 09.9	0.9		
BJI	48.7	334	eP	14 39 17.0	2.0		
CN2	48.7	345	eP	14 39 15.6	0.1		
CD2	49.2	316	eP	14 39 19.9	0.5		
BTO	52.0	330	eP	14 39 41.8	1.2		
LZH	52.3	321	eP	14 39 44.0	0.8		
GTA	56.9	322	+P	14 40 16.5	-0.1		
LSA	58.0	308	eP	14 40 26.6	2.1		
WMQ	66.9	321	P	14 41 23.5	0.0		
			eS	14 50 15.5	2.5		
DEC 30d 14h 36m 26.1 ± 0.10s, SD1.29 / 34 5.26 S ± 0.90km, 151.11 E ± 1.50km, h157 ± 0.51km New Britain region (192)							
WHN	50.0	318	eP	14 45 08.4	1.4		
GYA	53.3	309	P	14 45 33.8	1.9		
BJI	55.4	328	eP	14 45 46.0	-0.4		
XAN	55.8	318	eP	14 45 50.1	0.4		
KMI	55.9	305	+P	14 45 51.5	1.2		
TIY	55.9	323	eP	14 45 48.6	-1.6		
			LZ		20.0	0.75	
LZH	60.4	317	eP	14 46 23.0	1.2		
			LE		12.0	0.30	
			LZ		15.0	0.50	
GTA	64.9	318	eP	14 46 51.8	0.5		
WMQ	74.9	318	eP	14 47 52.4	0.1		
DEC 30d 16h 16m 04.2 ± 0.10s, SD2.23 / 19 3.01 S ± 1.58km, 141.40 E ± 1.84km, h31 ± 0.25km West Irian (201)							
MDJ	48.6	349	eP	16 24 52.0	4.9		
CN2	48.8	345	eP	16 24 50.0	1.5		
GTA	56.9	322	P	16 25 49.9	0.4		
WMQ	66.9	321	eP	16 26 55.0	-1.3		
DEC 30d 16h 38m 04.8 ± 0.13s, SD1.26 / 66 8.67 S ± 2.19km, 106.16 E ± 2.33km, h27 ± 0.09km South of Java (282) M <sub>s</sub> 4.9 / 7, m <sub>b</sub> 5.5 / 1,							
KMI	33.8	354	-P	16 44 49.0	2.1		
GYA	34.9	1	P	16 44 56.6	-0.3		
CD2	39.4	357	eP	16 45 34.8	0.2		
LSA	40.8	340	+P	16 45 48.8	2.4		
			S	16 51 57.5	3.3		
SSE	42.1	19	P	16 45 57.5	1.0		
			pP	16 46 06.0	1.1		
			LN	M <sub>s</sub> =4.8	10.0	0.43	
			LZ	M <sub>s</sub> =4.6	12.0	0.45	
XAN	42.6	3	P	16 46 00.7	0.2		
LZH	44.6	357	eP	16 46 17.5	0.6		
			PMZ	m <sub>b</sub> =5.5	1.5	0.11	
			pP	16 46 25.5	0.3		
TIY	46.5	7	+P	16 46 32.4	0.1		
			sS	16 53 27.5	-4.8		
			LN	M <sub>s</sub> =5.0	14.0	0.75	
			LZ	M <sub>s</sub> =4.7	15.0	0.59	
GTA	48.2	353	P	16 46 46.4	0.8		
			LN	M <sub>s</sub> =5.0	12.0	0.57	
			LZ	M <sub>s</sub> =4.9	14.0	0.84	
BTO	49.2	4	-iP	16 46 53.4	0.5		
BJI	49.3	10	eP	16 46 54.0	-0.2		
			LN	M <sub>s</sub> =4.8	12.0	0.34	
HHC	49.5	5	P	16 46 55.6	-0.2		
SNY	52.7	16	eP	16 47 17.8	-2.1		
WMQ	54.9	344	+P	16 47 33.5	-2.2		
			pP	16 47 45.0	0.8		
			eS	16 55 12.0	-1.9		
			LZ	M <sub>s</sub> =4.3	26.0	0.33	
CN2	55.1	17	-P	16 47 35.8	-1.5		
			eS	16 55 14.0	-2.8		
			LE	M <sub>s</sub> =5.3	13.0	1.10	
MDJ	57.1	20	eP	16 47 47.0	-4.8		
DEC 30d 17h 40m 26.4 ± 0.11s, SD1.93 / 25 24.01 N ± 1.58km, 122.99 E ± 1.33km, h12 ± 0.40km Taiwan region (243) M <sub>s</sub> 3.7 / 2, M <sub>L</sub> 3.7 / 12,							
QZH	4.1	284	ePn	17 41 28.5	-1.0		
			SMN	M <sub>L</sub> =3.6	1.0	0.14	
			SME		0.8	0.12	
SSE	7.2	348	P	17 42 15.5	0.7		
			SMN	M <sub>L</sub> =3.4	1.0	0.012	
			SME		1.0	0.018	
			LN	M <sub>s</sub> =3.5	9.0	0.37	
			LZ	M <sub>s</sub> =3.9	12.0	0.91	
NJ2	8.8	336	-P	17 42 35.0	-1.7		
WHN	10.1	312	eP	17 42 55.5	1.4		
GYA	15.0	283	P	17 44 01.0	0.9		
CD2	18.4	296	eP	17 44 42.3	-1.0		
DEC 30d 22h 05m 24.7 ± 0.06s, SD1.22 / 26 5.19 S ± 1.67km, 103.69 E ± 2.10km, h95 ± 0.52km Southern Sumatera (274)							
XAN	39.3	7	P	22 12 46.5	0.0		
GTA	44.5	356	P	22 13 29.6	0.5		
WMQ	50.9	345	P	22 14 18.6	0.1		
CN2	52.6	20	-P	22 14 30.0	-1.2		
			pP	22 14 52.0	-1.7		
MDJ	54.8	22	eP	22 14 46.0	-1.3		
DEC 31d 04h 07m 09.7 ± 0.08s, SD1.30 / 29 40.92 N ± 1.30km, 43.91 E ± 0.98km, h10 ± 0.10km Turkey-USSR border region (367)							
GTA	42.1	73	P	04 15 05.0	0.5		
LZH	46.4	76	eP	04 15 39.0	0.3		
BTO	49.0	67	eP	04 15 57.8	-1.1		
HHC	49.9	66	eP	04 16 06.0	-0.5		
TIY	51.9	70	eP	04 16 20.9	-0.2		
GYA	53.1	85	P	04 16 31.0	0.4		
WHN	56.7	77	eP	04 16 56.0	-0.6		
DEC 31d 04h 52m 06.1 ± 0.23s, SD2.20 / 23 2.45 S ± 2.53km, 126.32 E ± 3.06km, h36 ± 0.99km Ceram Sea (270)							
GYA	34.4	328	P	04 58 52.8	-0.1		

NJ2	35.0	349	eP	04 59 00.5	2.7
CD2	39.5	329	eP	04 59 35.8	0.2
XAN	39.8	337	P	04 59 33.7	-4.3
TIY	42.0	343	+P	04 59 51.1	-4.8
BJI	43.3	349	eP	05 00 06.5	0.0
LZH	43.7	333	eP	05 00 10.5	0.4
MDJ	46.9	3	eP	05 00 35.0	-0.7
GTA	48.3	332	eP	05 00 46.0	-0.1
WMQ	57.6	328	P	05 01 55.2	-0.2

DEC 31d 05h 32m 58.0±0.11s, SD1.39 / 53  
10.24 S±1.87km, 161.61 E±1.65km, h92±1.23km  
Solomon Islands (193)

SSE	56.5	318	eP	05 42 33.5	0.1
WHN	60.9	313	eP	05 43 04.0	0.3
DL2	61.4	325	eP	05 43 07.5	-0.1
MDJ	61.8	335	eP	05 43 08.5	-1.6
TIA	62.4	320	eP	05 43 12.9	-0.9
SNY	62.5	329	eP	05 43 14.5	-0.1
CN2	63.0	331	P	05 43 17.0	-1.3
BJI	65.3	323	eP	05 43 33.0	-0.3
TIY	66.3	319	eP	05 43 39.6	0.4
		LZ			18.0 0.61
XAN	66.6	314	eP	05 43 41.2	-0.2
HHC	68.6	321	eP	05 43 51.6	-2.5
CD2	68.9	309	eP	05 43 56.3	0.5
BTO	69.4	320	eP	05 44 04.0	4.9
LZH	71.2	314	eP	05 44 06.0	-4.0
GTA	75.6	315	P	05 44 36.4	0.9
WMQ	85.7	316	eP	05 45 27.5	-1.1

DEC 31d 05h 46m 09.5±0.20s, SD3.79 / 7  
36.46 N±0.79km, 94.38 E±0.99km, h7±2.15km  
Qinghai Province (325)  
M<sub>L</sub>3.6 / 6,

GTA	5.2	54	Pn	05 47 30.6	2.3
			Pg	05 47 44.6	3.2
			Sn	05 48 28.8	-1.8
			Sg	05 48 49.6	-2.9
			SMN	M <sub>L</sub> =3.0	1.0 0.023
			SME		0.8 0.011
WMQ	8.9	327	eP	05 48 25.7	3.3
			SMN	M <sub>L</sub> =3.9	0.7 0.020
			SME		0.8 0.020

DEC 31d 07h 15m 48.7±0.11s, SD0.82 / 53  
17.69 S±1.37km, 178.44 W±1.01km, h506±0.83km  
Fiji region (181)

MDJ	78.0	325	eP	07 26 56.3	0.2
DL2	79.4	317	eP	07 27 04.0	0.4
SNY	79.8	320	+P	07 27 05.7	0.1
CN2	79.8	322	-P	07 27 05.5	-0.3
WHN	80.4	306	eP	07 27 09.5	0.5
TIA	81.1	312	eP	07 27 11.7	-0.6
BJI	83.6	315	eP	07 27 24.5	-0.5
GYA	84.9	300	P	07 27 31.6	0.1
TIY	85.1	312	+P	07 27 32.7	0.2
XAN	86.1	307	-P	07 27 37.7	0.5
HHC	87.1	314	P	07 27 41.4	-0.6
KMI	87.7	297	+P	07 27 46.5	1.5
BTO	88.0	314	eP	07 27 46.6	0.1
CD2	88.9	303	eP	07 27 52.1	1.5
LZH	90.7	308	eP	07 27 59.5	0.5
GTA	94.9	310	eP	07 28 17.2	-0.8

DEC 31d 11h 17m 20.6±0.07s, SD0.92 / 65  
7.36 S±0.88km, 128.48 E±1.48km, h137±0.37km  
Banda Sea (280)

GYA	39.7	329	+P	11 24 42.6	0.9
			PcP	11 26 45.6	0.1
WHN	40.0	341	-iP	11 24 46.0	1.8
			pP	11 25 11.5	-2.8
			sP	11 25 25.0	-5.1
NJ2	40.2	347	-P	11 24 47.2	1.3
TIA	44.6	347	P	11 25 20.3	-1.2
CD2	44.8	329	eP	11 25 23.4	0.3
XAN	45.1	337	+iP	11 25 25.1	-0.6
DL2	46.5	353	eP	11 25 36.0	0.0
TIY	47.3	343	+P	11 25 41.8	-0.6
			PMZ	m <sub>b</sub> =5.4	0.8 0.050
BJI	48.5	347	eP	11 25 51.5	-0.4
LZH	49.0	333	+iP	11 25 57.0	0.9
HHC	50.4	343	P	11 26 06.6	-0.2
BTO	50.7	342	eP	11 26 08.2	-0.3
CN2	51.0	357	P	11 26 10.0	-0.9
GTA	53.6	332	+iP	11 26 30.4	0.1
WMQ	62.9	328	+P	11 27 34.7	-0.3

DEC 31d 19h 22m 44.3±0.13s, SD1.49 / 15  
51.30 N±1.02km, 176.96 W±0.93km, h45±1.14km  
Andreanof Islands (7)

BJI	46.5	283	eP	19 31 09.0	-0.7
TIY	50.3	283	eP	19 31 39.8	1.1
WHN	53.8	275	eP	19 32 04.6	-0.7
XAN	54.8	282	eP	19 32 11.6	-1.1
CD2	60.1	283	eP	19 32 49.6	-0.6
GYA	61.5	277	P	19 32 59.0	-0.5

DEC 31d 19h 57m 16.0±0.09s, SD1.56 / 40  
46.96 N±2.82km, 153.84 E±2.16km, h32±0.57km  
Kurile Islands (221)

MDJ	17.1	271	eP	20 01 15.0	1.1
CN2	20.1	271	eP	20 01 47.5	-3.0
SNY	22.1	268	eP	20 02 10.5	-0.3
BJI	28.0	270	eP	20 03 06.5	0.3
HHC	30.8	274	eP	20 03 31.6	0.3
TIY	31.7	268	eP	20 03 39.2	0.2
WHN	34.5	256	eP	20 04 03.0	-0.3
XAN	36.0	265	eP	20 04 16.1	-0.6
LZH	38.4	272	eP	20 04 37.0	0.4
GYA	42.2	258	P	20 05 08.0	-0.5
WMQ	45.3	291	P	20 05 34.0	0.7
KSH	55.1	293	eP	20 06 42.0	-5.8

DEC 31d 20h 26m 06.5±0.08s, SD1.19 / 26  
32.68 S±2.76km, 72.12 W±3.56km, h35±0.39km  
Off coast of Central Chile (134)

WMQ	160.7	49	PKP	20 46 03.0	-0.6
			pPKP	20 46 12.5	-1.2
			PKP2	20 46 45.5	-1.0
LSA	165.4	97	PKP	20 46 11.7	3.0
BJI	170.1	320	ePKP	20 46 10.0	-1.3
GTA	170.6	42	PKP	20 46 12.0	0.2
HHC	171.3	341	ePKP	20 46 12.9	0.7
BTO	171.9	348	ePKP	20 46 12.9	0.4
TIY	173.8	325	+PKP	20 46 14.0	0.7
WHN	174.1	251	ePKP	20 46 13.6	0.3
XAN	178.4	327	ePKP	20 46 14.7	0.4

DEC 31d 20h 26m 14.1±0.06s, SD1.43 / 15  
37.37 N±0.87km, 71.98 E±0.65km, h172±0.61km  
Afghanistan-USSR border region (717)

KSH	3.8	54	-iP	20 27 15.4	2.4
			S	20 27 59.0	1.3
			SMN		0.2 0.40



			SME		0.3	0.30
WMQ	13.6	57	P	20 29 19.8	-1.0	
GTA	21.9	76	-iP	20 30 57.0	2.8	

DEC 31d 20h 54m 23.0 ± 0.20s, SD1.54 / 32  
 51.28 S ± 2.06km, 139.39 E ± 2.79km, h11 ± 0.85km

South of Australia (437)

GYA	82.6	331	P	21 06 48.4	-0.2
KMI	82.6	327	eP	21 06 51.0	2.2
SSE	83.6	344	eP	21 06 52.0	-1.4
WHN	84.4	338	eP	21 06 58.0	0.4
NJ2	84.9	343	eP	21 07 01.2	1.0
CD2	87.6	330	eP	21 07 14.8	1.1
XAN	89.1	335	eP	21 07 20.4	-0.1
TIA	89.3	342	eP	21 07 18.6	-2.9
TIY	91.7	339	eP	21 07 36.6	3.8
BJI	93.2	342	eP	21 07 38.0	-1.4

DEC 31d 21h 46m 44.5 ± 0.12s, SD1.54 / 19  
 32.44 S ± 2.32km, 71.88 W ± 1.77km, h32 ± 0.82km

Off coast of Central Chile (134)

WMQ	160.4	49	PKP	22 06 43.0	1.2
			pPKP	22 06 52.5	1.5
			PKP2	22 07 24.0	0.3
GTA	170.3	42	+PKP	22 06 51.2	1.1
TIA	171.7	299	PKP	22 06 51.0	0.2



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