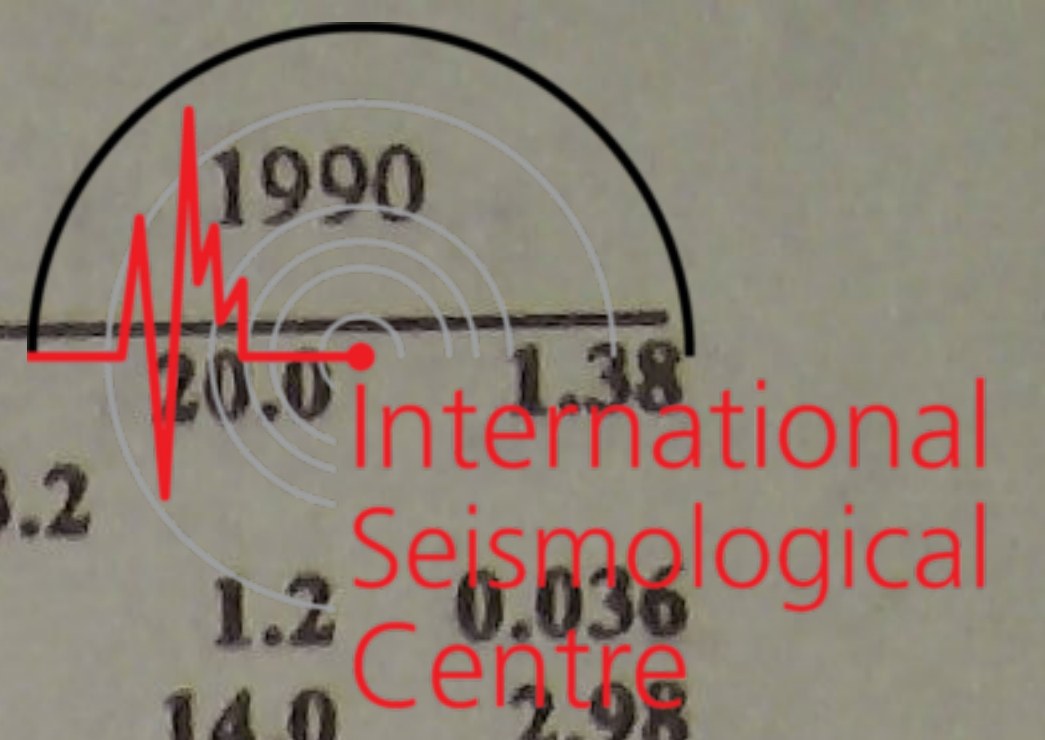




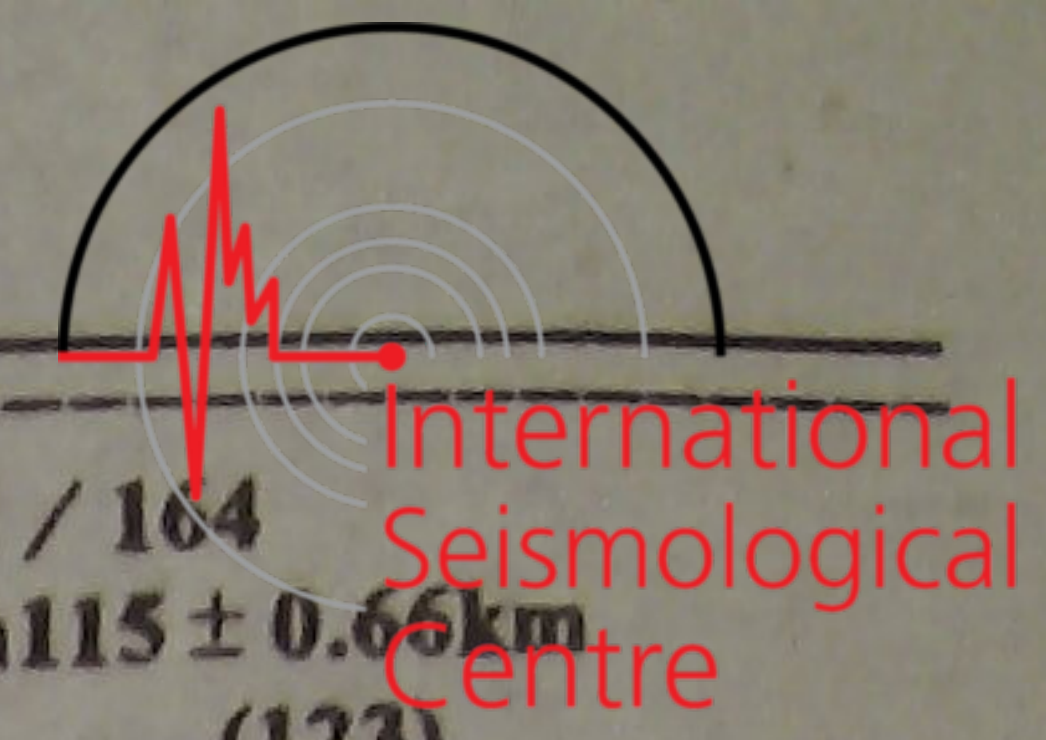
Sta.	Δ	Az	Phase	UTC	Resid	T	A	Sta.	Δ	Az	Phase	UTC	Resid	T	A		
code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)	code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)		
DEC 1d 08h 54m 26.6 \pm 0.06s, SD3.14 / 7 40.09 N \pm 0.53km, 77.51 E \pm 0.61km, h20 \pm 0.22km Southern Xinjiang Province (321) M _L 3.8 / 6,																	
KSH	1.4	245	Pg	08 54 50.5	-0.5			LSA	18.2	123	LZ	18 13 42.7	2.0			M _B =4.7 8.0 2.69	
			Sg	08 55 11.0	1.6						SMN					7.0 0.95	
			SMN		M _L =4.0	0.2	1.70				SME					8.0 1.13	
			SME			0.5	3.00				LN					M _B =4.5 10.0 0.88	
WMQ	8.5	61	eP	08 56 31.2	-0.1			GTA	20.1	86	+iP	18 14 02.8	0.1			M _B =5.6 6.0 1.67	
			SMN		M _L =3.7	1.5	0.018				PMZ	18 14 12.0	1.7			M _B =4.9 10.0 2.06	
DEC 1d 09h 05m 31.8 \pm 0.06s, SD3.53 / 8 40.40 N \pm 0.65km, 77.25 E \pm 0.52km, h3 \pm 0.27km Southern Xinjiang Province (321) M _L 3.9 / 7,																	
KSH	1.3	230	ePg	09 05 54.5	-1.3			LZH	24.1	92	+iP	18 14 44.0	1.1			M _B =5.0 12.0 3.61	
			Sg	09 06 16.5	2.5						PMZ					m _b =5.2 2.5 0.23	
			SMN		M _L =3.9	0.2	1.70				PMZ					m _B =5.3 4.0 0.54	
WMQ	8.5	63	P	09 07 36.6	-2.2						pP	18 14 54.5	3.5				
			S	09 09 20.0	4.2						sP	18 14 57.0	2.3				
			SMN		M _L =3.9	1.5	0.024				PP	18 15 17.0	0.1				
DEC 1d 09h 20m 51.3 \pm 0.04s, SD2.14 / 28 32.39 N \pm 0.64km, 92.72 E \pm 0.53km, h10 \pm 0.01km Tibet (306) M _S 4.3 / 2, M _L 3.8 / 1, m _b 4.3 / 5																	
LSA	3.0	207	Pg	09 21 46.2	1.3			CD2	26.3	103	eP	18 15 03.5	-0.1			M _S =5.1 12.0 2.90	
			Sg	09 22 28.6	3.2						LE					M _S =5.0 12.0 3.00	
			SMN		M _L =3.8	1.0	0.21				LZ					M _S =5.2 15.0 3.80	
			SME			1.4	0.57				LZ					M _S =4.8 12.0 1.71	
GTA	9.1	37	eP	09 23 05.6	0.0			BTO	27.5	79	eP	18 15 15.5	1.0			M _S =5.1 14.0 1.90	
GYA	13.5	112	P	09 24 02.6	-3.4						LN					M _S =5.1 12.0 1.50	
TIY	17.0	66	eP	09 24 50.4	-0.6						LZ					M _S =4.9 14.0 2.00	
DEC 1d 12h 14m 14.1 \pm 0.04s, SD1.97 / 8 41.68 N \pm 0.41km, 81.35 E \pm 0.40km, h26 \pm 0.14km Southern Xinjiang Province (321) M _L 3.4 / 8,																	
WMQ	5.1	63	Pn	12 15 31.5	1.5			HHC	28.6	78	eP	18 15 25.5	1.2				M _S =4.9 15.0 2.35
			Sg	12 16 59.6	4.3						S	18 20 11.0	2.6				
			SMN		M _L =3.4	1.5	0.040				LN					M _S =4.9 8.0 0.64	
DEC 1d 16h 56m 34.6 \pm 0.23s, SD2.68 / 16 23.80 N \pm 1.68km, 99.73 E \pm 1.33km, h5 \pm km Burma-China border region (297) M _L 3.8 / 7, m _b 4.8 / 1,																	
KMI	3.1	63	ePn	16 57 26.0	1.8			XAN	28.7	92	P	18 15 25.0	-0.7				M _S =4.9 15.0 2.35
			SMN		M _L =3.9	1.0	0.44				eS	18 20 12.0	0.0				
			SME			1.0	0.43				LN					M _S =5.2 13.0 2.38	
GYA	6.8	66	Pn	16 58 17.0	1.2						LE					12.0 1.04	
XAN	13.0	36	P	16 59 40.0	-3.0			KMI	28.9	114	+P	18 15 26.5	-0.9				M _S =5.1 11.0 1.65
TIY	17.6	35	P	17 00 45.4	2.4						pP	18 15 36.0	0.4				
DEC 1d 18h 09m 28.2 \pm 0.04s, SD1.19 / 213 40.93 N \pm 0.86km, 73.58 E \pm 0.44km, h29 \pm 0.12km Kirgiziya (716) M _S 5.1 / 18, M _L 5.1 / 4, m _B 5.5 / 3,																	
KSH	2.3	128	Pg	18 10 10.0	1.0			TIY	30.1	83	eP	18 15 38.0	0.4				M _S =4.7 15.0 1.50
			Sg	18 10 42.5	2.3						sP	18 15 52.0	2.2				
			SMN		M _L =5.3	0.5	15.8				S	18 20 30.5	-1.7				
			SME			0.6	25.9				LN					M _S =5.1 11.0 1.65	
WMQ	10.8	70	P	18 12 02.0	-2.8			GYA	30.9	108	P	18 15 47.4	2.5				M _S =5.0 14.0 2.14
			eS	18 14 07.5	1.2						sP	18 16 02.0	5.1				
			LN		M _S =5.2	8.0	7.02				LZ					M _S =4.9 14.0 1.28	
DEC 1d 18h 09m 28.2 \pm 0.04s, SD1.19 / 213 40.93 N \pm 0.86km, 73.58 E \pm 0.44km, h29 \pm 0.12km Kirgiziya (716) M _S 5.1 / 18, M _L 5.1 / 4, m _B 5.5 / 3,																	
								BJI	32.2	77	eP	18 15 57.0	0.8				M _S =4.9 18.0 2.05
											LN					M _S =4.9 18.0 2.05	
								TIA	34.1	84	eP	18 16 13.2	0.3				M _S =5.0 11.0 1.20
											LE					19.0 1.20	
								WHN	34.4	94	eP	18 16 15.5	0.0				M _S =5.0 11.0 1.20
											PMZ					m _b =5.3 1.5 0.080	
								SNY	37.1	72	eP	18 16 39.0	0.7				
											pP	18 16 45.4	-1.4				
								NJ2	37.1	89	-P	18 16 39.0	0.6				
											LZ					M _S =4.6 18.0 0.89	
								CN2	37.9	68	P	18 16 48.0	2.8				
											pP	18 16 58.0	4.2				
											eS	18 22 38.0	3.1				
								SSE	39.3	89	P	18 17 00.5	3.6				M _S =5.2 17.0 3.20
											PMZ					m _b =4.8 1.0 0.016	



MDJ	40.6	66	eP	18 17 09.5	2.0		
DEC 1d 18h 25m 41.2 ± 0.04s, SD1.34 / 127							
7.68 N ± 0.62km, 126.63 E ± 0.92km, h78 ± 0.27km							
Mindanao (259)							
m _b 5.0 / 26,							
QZN	19.8	306	P	18 30 09.2	0.9		
			S	18 33 42.5	0.7		
GZH	19.9	322	P	18 30 09.0	-0.6		
NJ2	25.3	344	eP	18 31 00.8	-1.6		
WHN	25.5	335	eP	18 31 07.2	3.1		
GYA	26.6	317	P	18 31 14.6	-0.2		
KMI	28.7	310	+P	18 31 34.0	0.7		
XAN	30.9	331	P	18 31 50.4	-2.7		
CD2	31.5	320	eP	18 31 57.0	-1.1		
TIY	32.6	339	eP	18 32 05.9	-1.6		
			eS	18 37 20.0	3.6		
			LZ	M _S = 4.4	17.0	0.72	
BJI	33.6	345	eP	18 32 14.5	-1.5		
SNY	34.1	356	eP	18 32 20.6	-0.3		
			PMZ	m _b = 5.2	0.8	0.032	
			LZ	M _S = 5.3	14.0	3.88	
LZH	35.1	327	eP	18 32 29.0	-0.6		
			PMZ	m _b = 4.9	0.8	0.017	
			LZ	M _S = 4.5	25.0	1.00	
GTA	39.7	327	eP	18 33 08.0	-0.1		
			PMZ	m _b = 4.8	0.6	0.010	
LSA	39.9	308	P	18 33 11.3	1.8		
WMQ	49.5	323	P	18 34 26.5	0.3		
			PcP	18 35 47.5	0.8		
			eS	18 41 29.5	2.7		

DEC 2d 08h 05m 52.9 ± 0.04s, SD1.31 / 145							
40.20 N ± 0.80km, 143.40 E ± 0.59km, h36 ± 0.62km							
Near east coast of Honshu (228)							
M _S 5.2 / 44, m _b 5.6 / 6, m _b 4.9 / 60							
MDJ	11.1	298	eP	08 08 33.5	0.8		
			PMZ	m _b = 5.7	1.3	0.20	
			pP	08 08 39.0	-0.7		
			PP	08 08 44.0	2.7		
			eS	08 10 37.0	0.3		
			LN	M _S = 5.3	14.0	5.53	
			LE		14.0	13.1	
			LZ	M _S = 5.1	16.0	14.3	
CN2	13.8	291	eP	08 09 08.0	-0.8		
			sP	08 09 18.0	-3.4		
			eS	08 11 42.0	0.0		
			LN	M _S = 5.0	13.0	2.50	
			LE		13.0	5.30	
			LZ	M _S = 5.0	17.0	9.00	
SNY	15.1	283	+iP	08 09 24.0	-0.9		
			PMZ		14.0	2.59	
			pP	08 09 29.9	-2.6		
			PP	08 09 38.2	1.4		
			LN	M _S = 5.1	13.0	2.91	
			LE		18.5	7.63	
			LZ	M _S = 5.0	18.0	8.48	
DL2	16.8	273	P	08 09 48.0	0.3		
			S	08 12 55.0	3.0		
			LE	M _S = 4.8	11.0	2.41	
			LZ	M _S = 4.4	20.0	1.85	
SSE	20.2	250	-P	08 10 29.0	1.8		
			PMZ	m _b = 4.7	1.0	0.037	
			S	08 14 12.0	5.7		
			sS	08 14 20.0	0.1		
			SS	08 14 40.0	4.5		
			LN	M _S = 5.0	12.0	2.58	
			LE		15.0	1.91	

BJI	20.8	278	LZ	M _S = 4.4	20.0	1.38	
			eP	08 10 30.5	-3.2		
			PMZ	m _b = 4.6	1.2	0.036	
			LN	M _S = 5.0	14.0	2.98	
			LZ	M _S = 5.0	18.0	5.27	
TIA	21.0	267	eP	08 10 33.8	-2.1		
			LE	M _S = 5.5	22.0	14.4	
			LZ	M _S = 5.1	16.0	6.22	
NJ2	21.4	255	-P	08 10 38.0	-1.7		
			PMZ	m _b = 4.8	1.0	0.050	
			pP	08 10 48.5	-0.4		
			LN	M _S = 5.0	12.0	2.15	
			LE		12.0	1.21	
			LZ	M _S = 4.8	20.0	3.91	
HHC	24.1	282	+P	08 11 05.5	-1.5		
			S	08 15 18.0	-0.9		
			LN	M _S = 5.1	13.0	0.69	
			LE		15.0	3.06	
TIY	24.1	274	eP	08 11 08.0	1.0		
			S	08 15 24.0	5.0		
			sS	08 15 39.0	3.7		
			LN	M _S = 4.9	13.0	1.92	
			LZ	M _S = 4.7	20.0	2.50	
BTO	25.3	282	P	08 11 17.0	-1.6		
			PP	08 11 57.5	0.5		
			eS	08 15 40.0	-0.2		
			LN	M _S = 5.4	14.0	0.90	
			LE		17.0	6.60	
			LZ	M _S = 5.4	17.0	8.60	
WHN	25.5	257	-P	08 11 21.0	1.3		
			PMZ	m _b = 5.1	1.5	0.080	
			PMZ	m _b = 5.6	4.0	0.59	
			pP	08 11 30.5	1.4		
			S	08 15 46.0	4.6		
			LN	M _S = 5.5	16.0	7.00	
			LE		16.0	4.70	
			LZ	M _S = 5.0	18.0	4.20	
QZH	25.7	241	eP	08 11 22.0	-0.1		
			pP	08 11 28.0	-3.5		
			eS	08 15 48.0	1.6		
			LE	M _S = 5.2	14.0	3.63	
			LZ	M _S = 5.1	14.0	3.90	
XAN	28.1	268	P	08 11 42.5	-1.0		
			eS	08 16 21.0	-3.2		
			LN	M _S = 5.3	13.0	3.57	
			LE		12.0	1.30	
GZH	30.6	245	eP	08 12 10.0	4.4		
			S	08 17 07.0	4.0		
			sS	08 17 20.0	-0.1		
			LN	M _S = 5.4	13.0	3.00	
			LE		13.0	2.75	
			LZ	M _S = 5.2	14.0	4.00	
LZH	31.2	275	eP	08 12 11.0	-0.6		
			PMZ	m _b = 5.0	2.0	0.050	
			PMZ	m _b = 5.5	7.0	0.65	
			sP	08 12 21.5	-3.7		
			PP	08 13 12.5	-1.7		
			S	08 17 14.0	0.8		
			LN	M _S = 5.2	13.0	2.39	
			LZ	M _S = 4.9	20.0	2.67	
GTA	33.2	283	+P	08 12 29.2	-0.2		
			PMZ	m _b = 5.6	8.0	0.71	
			pP	08 12 36.0	-2.9		
			sP	08 12 41.8	-1.3		
			PP	08 13 42.0	1.4		
			eS	08 17 44.0	-2.3		
			LE	M _S = 5.6	17.0	6.91	
			LZ	M _S = 5.5	18.0	7.65	



CD2	33.3 266	P	08 12 29.2	-0.8	12.0	4.70		
			08 17 50.0	3.6				
			LN	$M_s=5.5$				
			LZ	$M_s=5.5$			16.0	6.60
GYA	33.4 257	P	08 12 30.4	0.0	17.0	3.40		
			08 12 39.9	-0.1				
			08 17 48.8	1.8				
			LN	$M_s=5.5$				
QZN	35.7 244	eP	08 12 50.0	-0.2	14.0	2.06		
			08 18 28.5	4.7				
			LN	$M_s=5.4$				
			LE				18.0	3.72
KMI	37.0 259	+P	08 13 02.5	0.8	14.0	2.00		
			08 13 11.0	-0.2				
			08 18 46.0	1.1				
			LN	$M_s=5.2$				
WMQ	40.9 294	P	08 13 34.5	0.8	14.0	2.78		
			08 15 36.5	2.7				
			08 19 45.5	2.6				
			LN	$M_s=5.5$				
LSA	43.5 273	P	08 13 57.6	1.7	12.0	1.89		
			LE					
			LZ	$M_s=5.1$			14.0	1.97

DEC 2d 14h 37m $26.3 \pm 0.08s$, SD1.61 / 164
 $21.78 S \pm 0.69km$, $68.44 W \pm 1.12km$, $h115 \pm 0.66km$
 Northern Chile
 $m_b 5.3 / 37$, (123)

KSH	144.9	52	ePKP	14 56 48.0	-3.0		
MDJ	152.8	331	ePKP	14 57 05.0	1.6		
GTA	159.8	27	PKP	14 57 14.6	2.1		
			PPMZ			1.2	0.020
			PKP2	14 57 53.0	0.2		
HHC	161.0	360	PKP	14 57 16.9	3.2		
BJI	161.4	349	ePKP	14 57 17.0	3.1		
LZH	164.2	24	ePKP	14 57 19.0	2.0		
TIA	164.8	343	PKP	14 57 14.5	-3.0		
XAN	167.6	10	PKP	14 57 21.8	2.2		
NJ2	167.9	329	ePKP	14 57 22.2	2.5		
WHN	170.9	345	PKP	14 57 24.0	2.4		
			PKP2	14 58 42.0	0.4		
GYA	173.5	43	PKP	14 57 25.0	0.6		

DEC 2d 08h 44m $01.9 \pm 0.05s$, SD1.89 / 98
 $26.59 S \pm 1.56km$, $114.11 W \pm 1.24km$, $h9 \pm 0.07km$
 Easter Island region
 (685)
 $M_s 6.3 / 3$, $m_b 5.3 / 22$,

SNY	130.8 303	ePKP	09 03 18.0	3.0	26.0	1.07		
			LN	$M_s=6.0$				
			LE				26.0	2.12
			LZ	$M_s=6.0$			22.0	2.93
BJI	136.4 301	PKP	09 03 27.0	1.5	24.0	1.91		
			09 06 06.0	-3.0				
			LZ	$M_s=5.8$				
			PP					
BTO	141.1 302	ePKP	09 03 34.0	-0.1	19.0	1.40		
			09 06 38.0	0.1				
			LN	$M_s=6.3$				
			LE				19.0	2.30
GYA	143.6 279	PKP	09 03 35.8	-2.7	19.0	3.20		
			09 03 45.5	2.1				
			09 03 50.5	4.3				
			09 07 09.0	-0.9				
LZH	146.4 296	ePKP	09 03 50.5	4.3	21.0	1.57		
			09 07 09.0	-0.9				
			09 10 50.0	2.0				
			09 14 00.0	2.4				
CD2	146.6 286	PKP	09 03 48.6	5.0	22.0	2.02		
			09 03 46.0	1.8				
			09 03 51.0	3.5				
			09 04 01.4	5.0				
KMI	146.9 276	PKP	09 03 46.0	1.8	21.0	3.58		
			09 03 51.0	3.5				
			09 04 01.4	5.0				
			09 14 14.5	2.3				
GTA	149.0 303	ePKP	09 03 51.0	3.5	21.0	3.58		
			09 04 01.4	5.0				
			09 14 14.5	2.3				
			LE	$M_s=6.4$				
GTA	149.0 303	PKP2	09 04 01.4	5.0	22.0	3.40		
			09 04 01.4	5.0				
			09 14 14.5	2.3				
			LZ	$M_s=6.1$				

DEC 2d 22h 00m $29.8 \pm 0.03s$, SD2.07 / 7
 $43.61 N \pm 0.35km$, $83.78 E \pm 0.24km$, $h17 \pm 0.11km$
 Northern Xinjiang Province
 (332)
 $M_L 3.3 / 6$,

WMQ	2.9	85	Pn	22 01 17.4	2.1		
			Sg	22 01 53.4	-6.0		
			SMN			$M_L=3.3$	0.5 0.14
			SME				0.6 0.11

DEC 3d 05h 47m $18.1 \pm 0.04s$, SD2.03 / 27
 $40.77 N \pm 0.63km$, $73.39 E \pm 0.66km$, $h28 \pm 0.30km$
 Kirgiziya
 (716)
 $M_L 4.6 / 4$, $m_b 4.9 / 6$,

KSH	2.3	122	Pg	05 48 03.0	3.7		
			Sg	05 48 33.0	2.2		
			SMN			$M_L=4.9$	0.5 9.60
			SME				0.5 4.50
GTA	20.2	85	P	05 51 54.4	0.1		

DEC 3d 05h 48m $17.4 \pm 0.04s$, SD1.25 / 194
 $22.67 S \pm 0.83km$, $166.69 E \pm 0.80km$, $h11 \pm 0.07km$
 New Caledonia
 (187)
 $M_s 5.5 / 6$, $m_b 5.9 / 8$, $m_b 5.6 / 45$

QZH	66.5	313	eP	05 59 10.0	0.3		
			S	06 07 56.0	-1.6		
			LZ		$M_s=5.1$	24.0	1.35
			SSE	69.0	319	-P	05 59 25.0
			PMZ			$m_b=5.1$	1.5 0.037
			S	06 08 32.0	4.1		
			sS	06 08 42.0	3.1		
			LN		$M_s=5.5$	15.0	1.32
			LZ		$M_s=5.3$	20.0	1.84
QZN	69.3	302	eP	05 59 24.1	-3.3		
			NJ2	71.1	318	+P	05 59 38.0
			PMZ			$m_b=5.8$	7.0 0.77
			LZ		$M_s=5.0$	24.0	1.04
WHN	73.0	314	+P	05 59 50.0	0.5		
			PMZ			$m_b=5.5$	1.5 0.090
			PcP	06 00 06.0	0.3		
			eS	06 09 12.0	-3.3		
			LZ		$M_s=5.0$	22.0	0.90
DL2	74.4	325	eP	05 59 55.0	-2.8		
			PMZ			$m_b=5.9$	5.0 0.72
			eS	06 09 25.0	-6.2		
TIA	75.0	320	eP	06 00 00.0	-1.3		
			PMZ			$m_b=5.7$	1.4 0.11
			S	06 09 40.0	3.4		
			LZ		$M_s=5.2$	25.0	1.45

DEC 2d 09h 45m $45.9 \pm 0.06s$, SD3.33 / 6
 $36.43 N \pm 0.22km$, $77.60 E \pm 0.42km$, $h33 \pm 0.61km$
 Eastern Kashmir
 (302)
 $M_L 3.9 / 4$,

KSH	3.4	337	ePg	09 46 44.6	-1.1		
			Sg	09 47 30.5	-1.1		
			SMN			$M_L=4.2$	0.2 0.50
			SME				0.3 0.90
WMQ	10.7	43	eP	09 48 18.5	-1.5		
			SMN				2.0 0.040



				20.27 S ± 1.27km, 173.36 W ± 0.96km, h8 ± 0.19km			
MDJ	75.0	334	+P	06 00	01.7	0.0	
			PMZ		$m_b = 5.6$	1.2	0.091
SNY	75.6	328	-P	06 00	03.8	-0.8	
			PMZ		$m_b = 5.7$	1.8	0.16
			PMZ		$m_B = 6.0$	6.0	0.97
			pP	06 00	13.2	3.0	
			sP	06 00	17.4	4.4	
			S	06 09	44.0	1.0	
			SME			12.0	1.32
			LN		$M_S = 5.6$	18.0	1.36
			LE			18.0	1.12
			LZ		$M_S = 5.4$	20.0	1.94
GYA	75.9	307	P	06 00	06.0	-0.6	
			S	06 09	44.0	-2.5	
			LZ		$M_S = 5.3$	24.0	1.90
CN2	76.2	331	-P	06 00	07.3	-0.9	
			PMZ		$m_b = 5.6$	1.4	0.090
			PMZ		$m_B = 5.9$	6.0	0.77
			pP	06 00	17.0	3.1	
			eS	06 09	54.0	2.5	
			LZ		$M_S = 5.5$	24.0	2.70
KMI	78.1	304	-P	06 00	20.0	0.8	
			PMZ		$m_b = 6.0$	2.0	0.34
			S	06 10	06.0	-4.9	
			LN		$M_S = 5.7$	8.0	0.80
			LZ		$M_S = 5.2$	20.0	1.20
BJI	78.1	323	eP	06 00	18.0	-1.1	
			PMZ		$m_b = 5.3$	1.0	0.036
			PMZ		$m_B = 5.9$	4.0	0.57
			eS	06 10	10.0	-2.7	
			LZ		$M_S = 5.4$	22.0	1.84
XAN	78.7	314	P	06 00	21.7	-0.6	
			S	06 10	21.5	4.3	
TIY	78.8	319	P	06 00	20.5	-2.2	
			S	06 10	20.0	2.1	
			SKS	06 10	28.0	-3.6	
			LN		$M_S = 5.7$	21.0	2.29
			LZ		$M_S = 5.3$	21.0	1.66
CD2	80.5	309	P	06 00	32.0	0.2	
			eS	06 10	42.0	4.6	
			LZ		$M_S = 5.6$	18.0	2.27
HHC	81.3	321	-P	06 00	36.0	-0.3	
			PMZ		$m_b = 5.3$	1.0	0.031
			eS	06 10	49.5	3.3	
			LZ		$M_S = 5.0$	26.0	0.99
BTO	82.1	320	eP	06 00	40.0	-0.2	
			eS	06 10	51.0	-2.9	
LZH	83.3	313	-P	06 00	47.0	0.4	
			PMZ		$m_b = 6.0$	2.0	0.27
			PMZ		$m_B = 6.1$	4.0	0.67
			pP	06 00	56.5	4.4	
			PP	06 03	59.0	0.2	
			S	06 11	05.0	0.5	
			SS	06 16	33.0	0.3	
			LZ		$M_S = 5.3$	25.0	1.56
GTA	87.8	315	-P	06 01	09.0	0.2	
			PMZ		$m_B = 5.8$	5.0	0.41
			pP	06 01	15.2	0.9	
			eSKS	06 11	34.0	0.9	
			S	06 11	52.0	3.9	
			sS	06 12	04.0	4.7	
			eSS	06 17	43.0	4.8	
			LE		$M_S = 5.4$	16.0	0.78
			LZ		$M_S = 5.3$	24.0	1.40
LSA	89.3	303	P	06 01	17.3	0.8	
WMQ	97.9	314	P	06 01	54.5	-0.8	
				DEC 3d 07h 40m 35.4 ± 0.07s, SD1.16 / 78			
				Tonga $m_b 5.2 / 22,$			
MDJ	82.9	323	eP	07 53	03.0	0.1	
			PMZ		$m_b = 5.3$	1.2	0.038
NJ2	83.1	308	eP	07 53	03.0	-1.1	
CN2	84.8	320	-P	07 53	12.0	-0.7	
			pP	07 53	22.4	4.5	
SNY	84.9	318	eP	07 53	12.8	-0.2	
WHN	85.9	305	eP	07 53	19.0	1.2	
			PMZ		$m_b = 5.6$	2.0	0.10
TIA	86.4	311	eP	07 53	20.4	0.0	
			PMZ		$m_b = 5.4$	1.4	0.050
BJI	88.8	314	eP	07 53	31.5	-0.7	
			PMZ		$m_b = 5.7$	1.5	0.078
GYA	90.4	298	P	07 53	41.0	1.5	
TIY	90.4	310	eP	07 53	39.8	0.1	
XAN	91.5	306	P	07 53	45.0	0.3	
HHC	92.4	313	-P	07 53	49.6	0.9	
			PMZ		$m_b = 5.6$	1.0	0.031
KMI	93.2	296	-P	07 53	54.0	1.5	
BTO	93.3	312	eP	07 53	53.5	0.4	
LZH	96.1	306	eP	07 54	06.5	0.5	
			PMZ		$m_b = 5.6$	1.5	0.022
				DEC 3d 14h 30m 07.0 ± 0.10s, SD2.68 / 15 41.70 N ± 0.86km, 78.95 E ± 1.08km, h18 ± 0.06km Kirgiziya-Xinjiang border region (320) $M_L 4.3 / 7,$			
KSH	3.2	228	ePn	14 30	57.5	0.9	
			Sn	14 31	36.5	0.8	
			SME		$M_L = 4.6$	0.7	2.10
WMQ	6.8	69	Pn	14 31	49.0	2.8	
			Pg	14 32	12.5	5.8	
			Sn	14 33	10.3	5.2	
			SMN		$M_L = 4.3$	1.5	0.14
GTA	16.0	91	eP	14 33	54.6	1.1	
			SMN			1.0	0.010
			SME			1.2	0.010
TIY	26.0	88	eP	14 35	44.0	3.2	
				DEC 3d 16h 29m 30.1 ± 0.06s, SD4.08 / 7 43.28 N ± 0.61km, 87.83 E ± 0.48km, h15 ± 0.14km Northern Xinjiang Province (332) $M_L 3.4 / 6,$			
WMQ	0.5	351	Pg	16 29	42.0	2.0	
			Sg	16 29	50.0	2.5	
				DEC 3d 21h 01m 51.9 ± 0.22s, SD2.88 / 10 39.62 N ± 1.10km, 75.11 E ± 0.45km, h41 ± 2.57km Southern Xinjiang Province (321) $M_L 4.2 / 4,$			
KSH	0.6	99	P	21 02	04.0	-1.2	
			S	21 02	11.3	-1.5	
			SME		$M_L = 4.5$	0.8	20.4
				DEC 4d 09h 12m 51.0 ± 0.03s, SD1.01 / 203 43.76 N ± 0.90km, 28.88 W ± 0.40km, h16 ± 0.06km North Atlantic Ridge (403) $M_S 5.2 / 1, m_B 6.0 / 1, m_b 5.2 / 62$			
WMQ	76.1	42	-iP	09 24	41.0	0.5	
GTA	85.1	37	-iP	09 25	29.3	0.6	
			PMZ		$m_b = 6.0$	3.5	0.52
			PP	09 28	50.0	3.6	
			eS	09 35	56.0	-1.1	
			LN		$M_S = 5.2$	13.0	0.37
			LZ		$M_S = 5.2$	22.0	1.20
LSA	88.6	49	eP	09 25	44.2	-1.8	



LZH	89.7	37	eP	09 25 50.5	-0.2			
			PMZ	$m_b = 5.4$		1.5	0.043	
MDJ	89.9	15	+P	09 25 49.5	-2.3			
			PMZ	$m_b = 5.8$		1.2	0.076	
			pP	09 26 02.5	4.2			
WHN	98.8	31	eP	09 26 31.0	-1.1			
<p>DEC 4d 09h 17m $40.7 \pm 0.04s$, SD1.34 / 127 $0.10 S \pm 0.76km$, $125.13 E \pm 1.07km$, $h62 \pm 0.11km$ Molucca Sea (269) $M_S 4.7 / 7$, $m_b 5.3 / 41$,</p>								
QZN	24.2	323	eP	09 22 53.4	0.5			
QZH	25.7	346	eP	09 23 08.0	1.1			
			LZ	$M_S = 4.6$		24.0	2.03	
GZH	25.7	334	P	09 23 07.5	0.1			
SSE	31.2	353	eP	09 23 55.8	-1.2			
			sP	09 24 13.5	-4.7			
			sS	09 29 24.0	1.2			
			LN	$M_S = 4.6$		18.0	0.87	
			LZ	$M_S = 4.6$		22.0	1.43	
GYA	31.8	327	P	09 24 02.2	-0.2			
			pP	09 24 12.0	-4.6			
			PcP	09 26 53.6	2.5			
WHN	32.1	342	eP	09 24 06.0	1.1			
			PMZ	$m_b = 5.1$		1.0	0.030	
			sP	09 24 23.5	-2.6			
NJ2	32.5	350	-P	09 24 08.8	0.6			
			PMZ	$m_b = 5.5$		0.8	0.063	
			LZ	$M_S = 4.4$		26.0	0.88	
KMI	33.1	321	+P	09 24 14.0	0.2			
			PMZ	$m_b = 5.3$		1.5	0.080	
			pP	09 24 24.5	-3.6			
			S	09 29 27.0	0.8			
			LZ	$M_S = 4.7$		18.0	1.40	
CD2	36.9	329	P	09 24 44.6	-1.2			
			PMZ	$m_b = 5.2$		1.0	0.040	
			eS	09 30 26.3	0.9			
			LZ	$M_S = 4.8$		18.0	1.27	
XAN	37.2	337	P	09 24 48.0	-0.2			
TIY	39.4	344	P	09 25 06.5	-0.1			
			PMZ	$m_b = 5.4$		1.0	0.060	
			S	09 31 07.0	4.8			
			LE	$M_S = 4.8$		15.0	0.76	
			LZ	$M_S = 4.5$		24.0	0.95	
BJI	40.8	349	eP	09 25 17.0	-0.8			
			PMZ	$m_b = 5.3$		1.5	0.078	
			LZ	$M_S = 4.7$		28.0	1.38	
LZH	41.1	333	eP	09 25 22.0	1.5			
			PMZ	$m_b = 5.6$		1.5	0.16	
			pP	09 25 32.0	-3.1			
			sP	09 25 40.0	-1.9			
			PP	09 27 01.0	2.6			
			PcP	09 27 20.0	1.3			
			S	09 31 29.0	1.9			
			LN	$M_S = 4.5$		10.0	0.24	
			LZ	$M_S = 4.8$		20.0	1.21	
SNY	41.8	358	+P	09 25 25.1	-0.8			
			PMZ	$m_b = 5.3$		1.1	0.056	
			eS	09 31 40.0	1.9			
			LN	$M_S = 4.7$		29.0	1.15	
HHC	42.6	345	P	09 25 33.0	0.2			
			S	09 31 53.0	3.9			
			LE	$M_S = 4.7$		12.0	0.40	
			LZ	$M_S = 4.7$		26.0	1.41	
BTO	42.8	343	eP	09 25 34.0	-0.4			
CN2	43.7	0	+P	09 25 40.8	-1.0			
			PMZ	$m_b = 4.7$		1.2	0.015	
			pP	09 25 55.0	-1.7			

			eS	09 32 13.0	6.4			
			LZ	$M_S = 4.7$		22.0	1.00	
LSA	43.9	315	eP	09 25 44.2	0.4			
MDJ	44.7	5	+P	09 25 49.5	-0.3			
			PMZ	$m_b = 5.5$		1.2	0.076	
			pP	09 26 02.5	-2.2			
WMQ	55.0	328	-iP	09 27 08.5	-0.1			
			PMZ	$m_b = 5.4$		1.5	0.075	
			PcP	09 28 07.0	-1.3			
			S	09 34 49.5	6.8			
			LZ	$M_S = 5.0$		18.0	1.14	
KSH	59.7	317	eP	09 27 42.0	0.0			
<p>DEC 4d 18h 01m $35.3 \pm 0.04s$, SD2.18 / 10 $40.33 N \pm 0.32km$, $77.29 E \pm 0.22km$, $h14 \pm 0.25km$ Southern Xinjiang Province (321) $M_L 3.9 / 8$,</p>								
KSH	1.3	233	Pg	18 01 58.6	-0.6			
			Sg	18 02 18.0	0.7			
			SMN	$M_L = 4.0$		0.7	2.00	
			SME			0.6	3.20	
WMQ	8.5	62	eP	18 03 41.5	0.4			
			S	18 05 14.0	-3.3			
			SMN	$M_L = 3.9$		1.5	0.030	
<p>DEC 5d 12h 26m $14.0 \pm 0.09s$, SD3.21 / 8 $39.06 N \pm 0.89km$, $92.46 E \pm 0.82km$, $h12 \pm 0.15km$ Qinghai Province (325) $M_L 3.5 / 8$,</p>								
GTA	5.7	84	Pn	12 27 41.6	2.2			
			Sg	12 29 12.8	-0.5			
			SMN	$M_L = 2.8$		0.8	0.010	
			SME			0.6	0.0070	
WMQ	5.9	325	ePg	12 28 03.5	4.3			
			Sg	12 29 15.0	-5.3			
			SMN	$M_L = 3.6$		1.0	0.050	
<p>DEC 5d 16h 08m $51.3 \pm 0.03s$, SD1.18 / 230 $5.24 S \pm 0.73km$, $131.39 E \pm 0.92km$, $h75 \pm 0.05km$ Banda Sea (280) $M_S 5.4 / 54$, $m_b 6.0 / 19$, $m_b 5.8 / 96$</p>								
QZN	32.1	319	+iP	16 15 13.9	-0.1			
			PMZ	$m_b = 5.5$		0.8	0.070	
			pP	16 15 35.0	3.6			
			S	16 20 22.0	2.6			
			LN	$M_S = 5.3$		11.5	2.39	
			LE			12.5	2.07	
QZH	32.5	338	+iP	16 15 16.2	-0.9			
			PMZ	$m_b = 5.4$		1.1	0.075	
			pP	16 15 35.0	0.5			
			S	16 20 24.5	-0.4			
			LN	$M_S = 5.6$		17.0	7.50	
			LZ	$M_S = 5.2$		27.0	7.23	
GZH	33.2	329	P	16 15 23.2	-0.3			
			pP	16 15 40.0	-1.0			
			S	16 20 36.0	-0.4			
			LN	$M_S = 5.4$		11.0	2.25	
			LE			11.0	1.90	
			LZ	$M_S = 5.3$		30.0	9.50	
SSE	37.4	346	-P	16 15 59.6	0.4			
			PMZ	$m_b = 5.7$		1.0	0.14	
			pP	16 16 19.0	2.1			
			sS	16 22 16.0	3.5			
			LN	$M_S = 5.5$		16.0	2.60	
			LE			20.0	4.23	
			LZ	$M_S = 5.2$		20.0	4.23	
NJ2	39.0	343	+P	16 16 13.0	1.0			
			PMZ	$m_b = 5.7$		1.0	0.13	

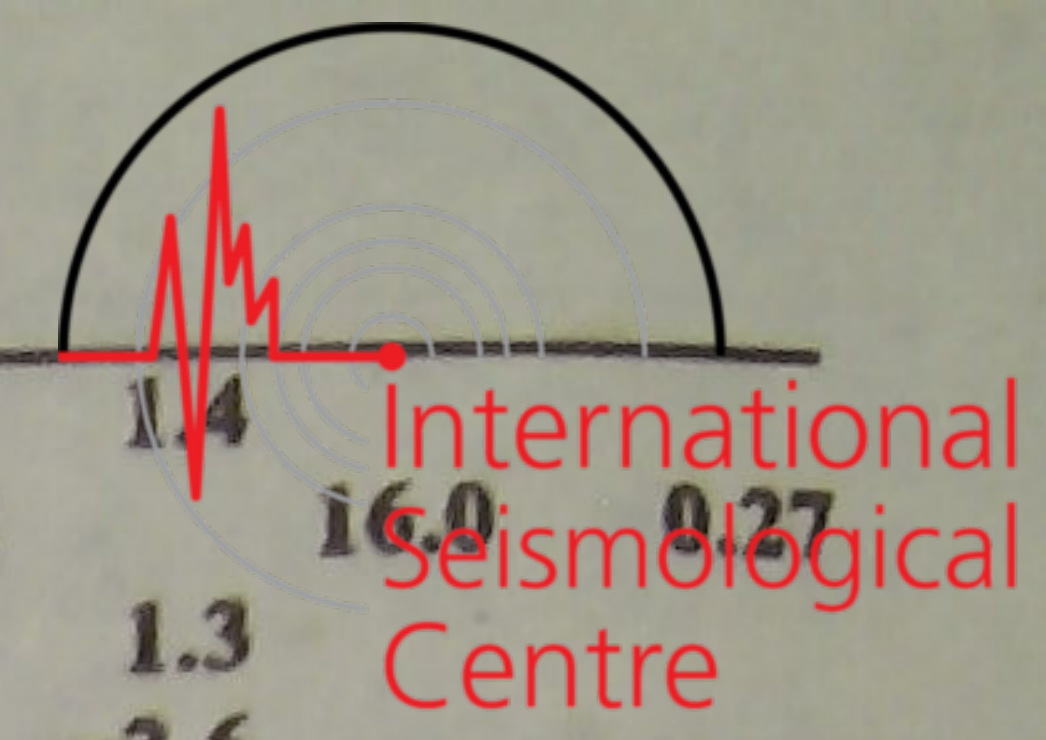


		PcP	16 19 47.0	-1.2					S	23 03 02.5	5.5			
		S	16 27 35.0	3.6					sS	23 03 14.0	2.7			
		SMN			5.0	3.18			LN	$M_S=4.6$		15.0	0.88	
		ScS	16 28 53.5	1.5					LZ	$M_S=4.2$		24.0	0.82	
		LZ	$M_S=5.4$		24.0	3.15	BTO	27.3 274	eP	22 58 29.5	-1.6			
KSH	67.7 316	P	16 19 44.0	0.4					pP	22 58 36.0	-3.1			
		pP	16 20 03.0	0.6					eS	23 03 05.0	-2.4			
		PP	16 22 16.0	1.3					LN	$M_S=4.8$		13.0	0.80	
		S	16 28 35.5	2.7					LE			13.0	1.00	
		sS	16 29 08.0	1.2					LZ	$M_S=4.7$		14.0	1.40	
		LN	$M_S=5.8$		12.0	2.40	WHN	29.2 252	eP	22 58 47.0	-1.1			
DEC 5d 22h 52m 46.5 ± 0.04s, SD1.15 / 174										XAN	31.0 263	P	22 59 03.2	-0.9
44.70 N ± 1.10km, 146.89 E ± 0.59km, h27 ± 0.09km										LZH	33.6 270	eP	22 59 27.0	0.1
Kurile Islands (221)												PMZ	$m_b=5.4$	1.5 0.083
$M_S4.6 / 25, m_b5.4 / 9, m_b5.1 / 69$												sP	22 59 43.0	4.4
MDJ	12.3 276	+P	22 55 46.0	2.7					PcP	23 02 09.0	2.5			
		PMZ	$m_b=5.8$		1.7	0.33			LN	$M_S=4.6$		10.0	0.48	
		pP	22 55 54.0	4.3					LZ	$M_S=4.5$		16.0	0.80	
		sS	22 58 15.0	3.7			GTA	35.0 278	eP	22 59 39.3	0.4			
		LN	$M_S=4.7$		13.0	1.48			PMZ	$m_b=5.6$		5.0	0.48	
		LE			13.0	3.00			pP	22 59 46.2	-0.9			
		LZ	$M_S=4.6$		15.0	3.55			PcP	23 02 11.8	1.3			
CN2	15.4 274	+P	22 56 25.0	1.3					PcS	23 05 57.4	1.4			
		PMZ	$m_b=5.0$		1.5	0.10			ScS	23 10 00.0	5.0			
		PMZ	$m_b=5.3$		4.0	0.60			LE	$M_S=5.0$		12.0	1.10	
		sP	22 56 38.0	3.4			CD2	36.3 263	P	22 59 49.6	-0.8			
		eS	22 59 15.0	1.0					LZ	$M_S=4.7$		15.0	0.97	
		LN	$M_S=4.9$		12.0	1.60	GYA	37.0 254	P	22 59 55.2	-0.8			
		LE			12.0	2.60			pP	23 00 07.4	3.2			
		LZ	$M_S=5.1$		15.0	8.60	KMI	40.5 256	eP	23 00 25.5	-0.2			
SNY	17.2 269	+P	22 56 47.0	0.2			WMQ	41.6 290	P	23 00 34.5	0.3			
		sP	22 56 59.0	1.1					pP	23 00 47.0	4.6			
		S	22 59 58.0	2.6					PcP	23 02 33.5	2.5			
		LN	$M_S=4.7$		12.0	1.06			PcS	23 06 25.0	3.9			
		LE			13.5	1.60			S	23 06 45.0	-2.5			
		LZ	$M_S=4.6$		14.0	2.12			LZ	$M_S=4.8$		16.0	1.12	
DL2	19.7 262	eP	22 57 16.0	-0.4			LSA	46.0 271	P	23 01 11.5	1.3			
		LN	$M_S=4.6$		11.0	0.91	DEC 6d 00h 17m 56.9 ± 0.06s, SD2.69 / 11							
		LE			12.0	0.60	41.52 N ± 0.60km, 81.21 E ± 0.45km, h26 ± 0.19km							
BJI	23.1 269	eP	22 57 51.0	-0.3			Southern Xinjiang Province (321)							
		PMZ	$m_b=5.4$		1.5	0.22	$M_L3.9 / 9,$							
		eS	23 02 00.0	3.3			WMQ	5.3 62	Pn	00 19 18.6	3.5			
		LE	$M_S=4.5$		11.0	0.65			Sn	00 20 22.0	4.8			
		LZ	$M_S=4.4$		18.0	1.17			Sg	00 20 44.8	1.5			
TIA	24.1 260	eP	22 58 00.0	-1.0					SMN	$M_L=3.9$		0.8	0.14	
		eS	23 02 19.0	4.9					SME			0.8	0.12	
		LN	$M_S=4.4$		12.0	0.58	DEC 7d 08h 25m 03.0 ± 0.04s, SD1.07 / 364							
SSE	24.3 245	+P	22 58 04.5	1.6			16.95 S ± 0.88km, 177.26 W ± 0.87km, h414 ± 0.23km							
		PMZ	$m_b=4.6$		1.0	0.025	Fiji region (181)							
		PMZ	$m_b=5.3$		5.0	0.63	$m_b5.7 / 6, m_b5.6 / 90,$							
		pP	22 58 15.5	4.5			QZH	75.1 302	-P	08 36 02.8	-0.3			
		LN	$M_S=4.4$		13.0	0.64			PMZ	$m_b=5.7$		1.2	0.20	
		LZ	$M_S=4.3$		20.0	0.92			S	08 45 06.0	0.2			
NJ2	25.2 250	+P	22 58 12.0	0.1					SSE	76.0 309	-iP	08 36 07.3	-0.8	
		PMZ	$m_b=5.2$		1.2	0.080			PMZ	$m_b=5.1$		1.2	0.051	
		pP	22 58 20.2	0.3					PcP	08 36 16.0	-2.2			
		LN	$M_S=4.6$		15.0	0.81			S	08 45 15.0	-0.5			
		LE			15.0	0.76			ScS	08 45 41.0	0.5			
		LZ	$M_S=4.4$		18.0	0.89			sS	08 48 00.0	3.5			
HHC	26.1 274	-P	22 58 21.5	1.3					LZ			22.0	0.57	
		pP	22 58 26.0	-2.1					MDJ	78.0 324	-P	08 36 18.6	-0.8	
		S	23 02 51.0	4.1					PMZ	$m_b=5.6$		1.5	0.18	
		sS	23 03 06.0	4.9					NJ2	78.2 309	-P	08 36 20.2	0.1	
		LE	$M_S=4.8$		13.0	1.38			PMZ	$m_b=5.7$		0.8	0.13	
		LZ	$M_S=5.0$		13.0	2.44			PcP	08 36 27.8	0.2			
TIY	26.7 267	eP	22 58 25.5	-0.4										
		PMZ	$m_b=5.3$		1.2	0.080								

				$m_b 5.0 / 49,$												
GZH	78.6	298	iS	08 45 43.0	2.6			CN2	50.1	290	eP	09 03 59.0	-0.7			
			-P	08 36 23.3	0.9			SNY	52.5	290	-iP	09 04 17.1	-0.7			
			PMZ	$m_b = 5.8$		1.0	0.19	BJI	57.2	294	eP	09 04 51.5	-0.7			
			S	08 45 47.0	3.6						PMZ	$m_b = 5.0$		0.8	0.015	
DL2	79.7	316	eP	08 36 27.0	-0.9			TIY	60.7	296	eP	09 05 16.0	-0.9			
			eS	08 45 50.0	-5.7			SSE	62.4	285	eP	09 05 27.0	-0.7			
CN2	79.9	322	-iP	08 36 28.8	-0.7			NJ2	62.6	287	-P	09 05 28.8	-0.7			
			PMZ	$m_b = 5.5$		1.2	0.13	GTA	64.5	306	+P	09 05 40.8	-0.8			
			PMZ			3.0	0.60				pP	09 05 58.8	-1.1			
			pP	08 38 02.6	1.0			LZH	65.7	301	eP	09 05 48.5	-1.4			
			S	08 46 00.0	3.0						PMZ	$m_b = 4.8$		1.5	0.020	
			SMN			6.0	0.40				pP	09 06 06.5	-1.7			
			SME			6.0	1.20				sP	09 06 13.5	-3.1			
			sS	08 48 39.0	-0.9						LZ	$M_s = 4.5$		20.0	0.34	
SNY	80.0	319	-iP	08 36 29.1	-0.5			WHN	65.9	290	eP	09 05 50.2	-0.9			
			PMZ	$m_b = 5.5$		1.6	0.17	GYA	72.9	294	P	09 06 33.8	0.2			
			pP	08 38 03.0	1.3						pP	09 06 51.0	-1.2			
			S	08 46 00.0	2.8			-----								
			SMN			10.0	0.77	DEC 7d 09h 38m $15.7 \pm 0.05s$, SD1.57 / 232								
			SME			12.0	1.99	37.20 N $\pm 0.97km$, 138.61 E $\pm 0.75km$, h11 $\pm 0.13km$								
WHN	80.9	306	-P	08 36 34.7	0.1			Honshu (227)								
			PMZ	$m_b = 5.4$		1.3	0.11	$M_s 5.2 / 41, m_b 5.5 / 17, m_b 5.2 / 73$								
			PMZ	$m_b = 5.7$		4.0	0.59	MDJ	10.1	320	eP	09 40 47.2	3.6			
			pP	08 38 10.0	3.1						PMZ	$m_b = 5.1$		1.0	0.055	
			S	08 46 10.0	2.9						PMZ	$m_b = 5.6$		6.0	1.25	
TIA	81.4	312	-P	08 36 36.3	-0.8						pP	09 40 50.0	1.5			
BJI	83.9	315	-eP	08 36 49.5	-0.1						sS	09 42 50.0	4.5			
			PMZ	$m_b = 5.8$		1.3	0.24				SS	09 42 55.0	4.7			
			PMZ	$m_b = 5.7$		4.0	0.57				LN	$M_s = 5.0$		15.0	5.71	
			esS	08 49 26.0	4.8						LE			15.0	8.76	
TIY	85.4	311	eP	08 36 57.2	-0.2						LZ	$M_s = 4.7$		16.0	6.24	
			PMZ	$m_b = 5.9$		0.8	0.22				CN2	12.0	307	-P	09 41 12.0	2.2
			pP	08 38 31.0	0.3						PMZ	$m_b = 5.7$		6.0	1.00	
			S	08 46 45.0	-6.5						pP	09 41 17.0	2.7			
GYA	85.5	299	-P	08 36 58.0	0.3						eS	09 43 29.0	4.4			
			PMZ	$m_b = 5.7$		1.2	0.18				LN	$M_s = 5.0$		10.0	2.30	
			PMZ			3.0	1.00				LE			10.0	4.80	
			pP	08 38 30.0	-1.0						LZ	$M_s = 5.0$		14.0	8.80	
			PP	08 40 22.0	-1.6						SNY	12.5	296	-P	09 41 20.0	3.4
			SKS	08 46 46.0	6.1						PMZ	$m_b = 4.8$		1.2	0.026	
			S	08 46 56.0	3.8						PMZ	$m_b = 5.6$		8.0	1.05	
XAN	86.6	307	-P	08 37 02.6	0.0						sP	09 41 27.6	3.1			
			SKS	08 46 50.0	3.3						LN	$M_s = 5.1$		12.0	5.53	
HHC	87.4	314	-P	08 37 07.0	0.3						LE			13.0	3.52	
			PMZ			16.0	0.26				LZ	$M_s = 4.7$		20.0	5.33	
			SKS	08 46 52.0	-0.1						DL2	13.5	282	eP	09 41 34.0	4.1
BTO	88.4	313	P	08 37 11.0	-0.2						S	09 44 00.0	-0.6			
			pP	08 38 48.0	2.8						LN	$M_s = 5.2$		8.0	1.63	
			eS	08 47 19.0	-1.4						LE			12.0	7.60	
KMI	88.4	297	-iP	08 37 12.5	1.1						LZ	$M_s = 5.0$		12.0	6.70	
			PMZ	$m_b = 5.9$		1.6	0.37				SSE	15.7	252	P	09 42 01.5	3.4
			PP	08 40 45.0	-2.3						PMZ	$m_b = 4.6$		1.0	0.025	
			S	08 47 24.0	5.4						pP	09 42 07.0	4.3			
CD2	89.5	302	P	08 37 17.0	0.6						sP	09 42 10.0	3.6			
			PMZ	$m_b = 5.3$		1.1	0.060				LN	$M_s = 5.0$		12.0	2.63	
			eSKS	08 47 05.0	0.2						LE			11.0	3.56	
LZH	91.2	307	-iP	08 37 24.5	0.1						NJ2	17.0	258	-P	09 42 20.4	4.5
			PMZ	$m_b = 5.7$		1.2	0.13				PMZ	$m_b = 5.4$		8.0	1.60	
			pP	08 39 00.5	1.9						LN	$M_s = 5.0$		10.0	2.16	
			sP	08 39 42.0	1.9						LE			10.0	2.44	
			PP	08 41 10.0	1.6						LZ	$M_s = 4.7$		11.0	2.24	
			SKS	08 47 15.0	0.3						TIA	17.3	273	eP	09 42 22.1	3.5
			S	08 47 44.0	0.4						PMZ	$m_b = 5.7$		8.0	2.80	
GTA	95.3	309	-iP	08 37 42.6	-0.5						LN	$M_s = 5.0$		13.0	1.20	
				DEC 7d 08h 55m $09.8 \pm 0.03s$, SD1.01 / 190												
				61.65 N $\pm 0.17km$, 150.54 W $\pm 0.36km$, h72 $\pm 0.27km$												
				Southern Alaska (2)												
											LE			13.0	4.10	
											LZ	$M_s = 4.9$		13.0	3.90	
											BJI	17.8	286	-P	09 42 26.0	1.2



		PMZ	$m_b = 5.0$	1.0	0.073			pP	09 44 33.0	2.8	
		PMZ	$m_b = 5.5$	8.0	1.92			sP	09 44 36.0	2.1	
		eS	09 45 44.0	3.4				LN	$M_s = 5.0$	12.0	2.63
		LN	$M_s = 5.1$	10.0	1.61			LE		10.0	2.30
		LE		10.0	3.04			LZ	$M_s = 4.3$	20.0	1.84
		LZ	$M_s = 4.8$	16.0	3.49			NJ2	17.1 258	+P	09 44 47.5 4.7
TIY	20.8 279	eP	09 42 59.0	-0.7				TIA	17.3 273	eP	09 44 48.2 3.1
		S	09 46 47.0	1.1				BJI	17.7 286	-P	09 44 53.5 2.5
		LN	$M_s = 5.2$	13.0	3.20			PMZ	$m_b = 5.2$	1.4	0.14
		LE		12.0	3.38			PMZ	$m_b = 5.4$	6.0	1.18
		LZ	$M_s = 5.1$	14.0	5.36			LN	$M_s = 5.0$	10.0	2.95
QZH	21.0 240	eP	09 43 00.0	-2.0				LZ	$M_s = 4.8$	15.0	3.49
		LE	$M_s = 5.0$	11.0	2.79			WHN	21.2 259	P	09 45 31.0 0.5
		LZ	$M_s = 4.8$	11.0	1.85			HHC	21.3 288	eP	09 45 30.0 -1.2
WHN	21.2 259	eP	09 43 04.5	0.7				LZH	27.8 278	eP	09 46 35.0 0.9
		PMZ	$m_b = 4.7$	1.0	0.030			PMZ	$m_b = 5.1$	2.0	0.082
		LN	$M_s = 5.2$	12.0	2.90			pP	09 46 38.5	-1.3	
		LE		11.0	2.50			sP	09 46 41.5	-1.4	
		LZ	$M_s = 4.8$	12.0	2.40			LN	$M_s = 5.2$	12.0	2.59
HHC	21.3 288	eP	09 43 07.0	1.9				LZ	$M_s = 5.1$	15.0	3.85
		S	09 47 01.0	5.0				GYA	29.1 257	P	09 46 43.0 -2.4
		LN	$M_s = 5.2$	10.0	0.84			KMI	32.8 259	-P	09 47 16.0 -2.3
		LE		11.0	4.02			PMZ	$m_b = 5.2$	1.5	0.060
		LZ	$M_s = 5.2$	12.0	5.19			pP	09 47 19.5	-4.6	
XAN	24.3 271	P	09 43 33.5	-1.1				sP	09 47 26.0	-1.0	
		eS	09 47 49.0	-1.8				S	09 52 28.0	-4.9	
		LN	$M_s = 5.2$	12.0	2.33			LZ	$M_s = 5.0$	16.0	2.60
		LE		12.0	2.66			DEC 7d 18h 19m $32.7 \pm 0.09s$, SD3.59 / 8			
GZH	25.9 244	eP	09 43 54.0	4.3				40.81 N $\pm 0.39km$, 78.26 E $\pm 1.15km$, h14 $\pm 0.03km$			
		LN	$M_s = 5.1$	11.0	2.03			Kirgiziya-Xinjiang border region (320)			
		LE		11.0	1.37			$M_L 3.3 / 6,$			
		LZ	$M_s = 4.9$	12.0	2.04			WMQ	7.6 64	ePn	18 21 28.0 4.2
LZH	27.8 278	eP	09 44 07.5	-0.2				DEC 7d 20h 31m $03.1 \pm 0.04s$, SD1.02 / 90			
		PMZ	$m_b = 5.0$	2.5	0.071			6.82 S $\pm 0.60km$, 132.28 E $\pm 0.85km$, h32 $\pm 0.05km$			
		pP	09 44 11.0	-2.0				Tanimbar Islands region (281)			
		sP	09 44 14.0	-1.9				$m_b 5.2 / 20,$			
		PP	09 44 58.0	2.1				SSE	39.2 345	+P	20 38 31.0 1.1
		PcP	09 47 20.0	-3.3				PMZ	$m_b = 5.1$	1.0	0.030
		S	09 48 52.0	3.7				pP	20 38 37.0	-2.1	
		LE	$M_s = 5.3$	12.0	3.22			NJ2	40.7 342	-P	20 38 44.4 1.6
		LZ	$M_s = 5.2$	18.0	5.12			WHN	40.9 336	+P	20 38 51.0 -1.0
GYA	29.1 258	P	09 44 16.6	-2.1				PMZ	$m_b = 5.1$	1.0	0.030
		S	09 49 02.0	-6.0				pP	20 38 53.0	-0.8	
		LN	$M_s = 5.3$	14.0	2.80			P	20 38 48.4	0.0	
		LE		14.0	2.60			-P	20 39 01.2	0.6	
		LZ	$M_s = 4.7$	16.0	1.40			pP	20 39 11.0	1.4	
CD2	29.4 268	eP	09 44 19.8	-2.3				sP	20 39 14.0	0.5	
		PMZ	$m_b = 4.8$	1.0	0.020			+iP	20 39 27.8	0.0	
		eS	09 49 09.0	-6.0				eP	20 39 28.4	-0.5	
		LN	$M_s = 5.6$	12.0	6.07			+P	20 39 41.4	-0.2	
		LZ	$M_s = 5.3$	12.0	4.63			eP	20 39 48.5	-0.1	
GTA	30.4 286	eP	09 44 28.0	-2.5				PMZ	$m_b = 4.9$	1.0	0.018
		PMZ	$m_b = 5.5$	5.0	0.41			+P	20 39 49.2	-0.4	
		LE	$M_s = 5.2$	11.0	2.21			PMZ	$m_b = 4.9$	1.2	0.018
		LZ	$M_s = 5.0$	15.0	2.33			sP	20 40 02.8	0.1	
KMI	32.8 259	eP	09 44 50.0	-1.6				eP	20 40 00.0	0.3	
		pP	09 44 55.0	-1.9				PMZ	$m_b = 5.2$	1.5	0.054
		sP	09 45 00.5	0.8				pP	20 40 09.2	0.5	
		S	09 50 06.0	-0.4				sP	20 40 11.5	-1.1	
		LZ	$M_s = 5.0$	16.0	2.60			eP	20 40 02.0	-0.6	
WMQ	38.8 296	eP	09 45 41.3	-1.1				eP	20 40 05.5	0.1	
DEC 7d 09h 40m $42.5 \pm 0.07s$, SD1.57 / 90								eP	20 40 05.5	-0.8	
37.32 N $\pm 0.78km$, 138.62 E $\pm 0.69km$, h14 $\pm 0.30km$								eP	20 40 07.4	-0.5	
Honshu (227)								P	20 40 24.9	0.1	
$M_s 5.1 / 9, m_b 5.4 / 5, m_b 5.0 / 44$								+iP	20 40 33.8	-0.1	
SSE	15.7 252	P	09 44 27.5	2.3				CN2	50.8 354	eP	20 40 35.4 -0.1
		PMZ	$m_b = 4.9$	2.0	0.12			HHC	51.1 340	eP	20 40 05.5 0.1
								MDJ	51.2 358	eP	20 40 05.5 -0.8
								BTO	51.4 338	eP	20 40 07.4 -0.5
								LSA	53.7 315	P	20 40 24.9 0.1
								GTA	54.9 329	+iP	20 40 33.8 -0.1



PMZ				$m_b = 5.2$	1.5	0.042				
DEC 8d 14h 38m 34.3 ± 0.04s, SD1.66 / 73										
44.40 N ± 1.78km, 148.70 E ± 0.87km, h41 ± 0.43km										
Kurile Islands region (222)										
$m_b 4.9 / 25,$										
MDJ	13.6	278	eP	14 41 48.0	0.3					
CN2	16.7	276	P	14 42 27.8	0.5					
BJI	24.4	271	eP	14 43 50.5	0.2					
PMZ				$m_b = 4.3$	1.0	0.012				
NJ2	26.3	252	+P	14 44 07.8	-0.9					
HHC	27.4	276	eP	14 44 18.8	0.1					
TIY	28.0	269	eP	14 44 21.9	-2.0					
BTO	28.6	276	eP	14 44 32.5	3.1					
LZH	34.9	272	eP	14 45 24.0	-0.4					
PMZ				$m_b = 4.7$	1.5	0.017				
GTA	36.3	280	P	14 45 36.6	0.1					
CD2	37.6	265	eP	14 45 46.0	-1.2					
WMQ	42.9	292	P	14 46 31.0	-0.2					
DEC 8d 17h 53m 54.4 ± 0.06s, SD1.27 / 60										
3.20 S ± 0.71km, 134.63 E ± 1.07km, h36 ± 0.24km										
West Irian region (196)										
$m_b 5.0 / 17,$										
SSE	36.4	340	-P	18 00 58.0	0.0					
PMZ				$m_b = 4.7$	1.2	0.017				
NJ2	38.1	338	eP	18 01 11.1	-1.1					
WHN	38.7	331	eP	18 01 18.7	1.4					
GYA	40.0	319	P	18 01 28.6	0.6					
KMI	41.8	314	eP	18 01 44.0	0.7					
			pP	18 01 56.0	3.1					
DL2	43.6	345	eP	18 02 00.0	2.8					
XAN	44.3	329	P	18 02 02.3	-0.5					
CD2	44.9	321	eP	18 02 07.6	-0.4					
TIY	45.6	335	eP	18 02 13.5	-0.2					
BJI	46.2	340	eP	18 02 18.0	-0.5					
PMZ				$m_b = 5.1$	1.2	0.029				
CN2	47.5	351	eP	18 02 28.0	-0.5					
MDJ	47.8	355	eP	18 02 29.5	-1.4					
LZH	48.5	326	eP	18 02 37.0	0.4					
PMZ				$m_b = 5.1$	1.0	0.028				
GTA	53.1	326	-iP	18 03 11.4	-0.1					
WMQ	62.9	324	P	18 04 20.0	-0.1					
DEC 9d 00h 58m 49.0 ± 0.06s, SD3.28 / 8										
37.28 N ± 0.58km, 103.50 E ± 0.47km, h12 ± 0.22km										
Gansu Province (322)										
$M_L 3.3 / 7,$										
GTA	3.6	307	Pn	00 59 46.8	1.6					
			Pg	00 59 55.2	2.7					
			Sg	01 00 43.8	2.1					
			SMN	$M_L = 3.1$	0.6	0.057				
			SME		0.8	0.056				
TIY	7.1	84	ePg	01 00 57.0	2.1					
			Sg	01 02 26.4	-5.5					
			SMN	$M_L = 3.5$	1.0	0.020				
			SME		1.0	0.020				
DEC 9d 05h 26m 49.2 ± 0.06s, SD2.08 / 66										
8.66 S ± 1.19km, 110.59 E ± 1.52km, h32 ± 0.08km										
South of Java (282)										
$M_S 4.9 / 6, m_b 4.9 / 12,$										
GYA	35.1	354	P	05 33 41.6	-0.5					
WHN	39.1	5	eP	05 34 17.0	1.2					
CD2	39.9	351	eP	05 34 22.6	0.6					
			LE	$M_S = 4.7$	15.0	0.66				
			LZ	$M_S = 4.8$	14.0	0.99				
SSE	40.8	14	eP	05 34 29.5	-0.1					
DEC 9d 09h 42m 28.6 ± 0.21s, SD2.51 / 17										
23.40 N ± 1.72km, 100.53 E ± 1.07km, h9 ± 0.03km										
Burma-China border region (297)										
$M_L 4.0 / 3, m_b 4.5 / 2,$										
GYA	6.3	60	Pn	09 44 06.0	3.3					
CD2	8.0	20	eP	09 44 27.0	-1.1					
PMZ				$m_b = 4.8$	0.6	0.030				
TIY	17.5	33	-P	09 46 36.9	1.6					
BJI	21.2	35	eP	09 47 17.0	-0.1					
PMZ				$m_b = 4.3$	1.0	0.012				
DEC 9d 15h 36m 25.9 ± 0.04s, SD0.98 / 433										
54.93 N ± 0.81km, 162.03 E ± 0.57km, h26 ± 0.08km										
Near east coast of Kamchatka (218)										
$M_S 5.3 / 37, m_b 5.6 / 126,$										
MDJ	23.2	257	eP	15 41 30.5	-1.0					
PMZ				$m_b = 5.3$	1.5	0.18				
			pP	15 41 40.0	0.8					
			sP	15 41 45.0	2.1					
			iS	15 45 41.0	3.6					
			LN	$M_S = 5.0$	14.0	1.38				
			LE		14.0	2.62				
			LZ	$M_S = 4.9$	20.0	3.73				
CN2	26.0	260	eP	15 41 58.2	-0.6					
PMZ				$m_b = 4.7$	1.0	0.020				
			pP	15 42 07.0	0.4					
			eS	15 46 20.0	-5.8					
			LN	$M_S = 5.3$	16.0	1.60				
			LE		16.0	4.50				
			LZ	$M_S = 5.6$	16.0	12.0				
SNY	28.3	259	-P	15 42 18.0	-1.9					
PMZ				$m_b = 4.7$	1.0	0.017				
			pP	15 42 29.2	1.4					
			sP	15 42 33.3	1.9					

		LN	$M_s = 5.1$	15.0	2.25			PcP	15 46 18.2	1.1		
		LE		14.0	1.74			ScP	15 50 07.0	1.7		
		LZ	$M_s = 5.1$	21.0	4.42			PcS	15 50 11.4	2.9		
DL2	31.4 256	eP	15 42 47.0	-0.2				S	15 50 54.0	-2.1		
		S	15 47 50.0	-1.2				sS	15 51 09.0	-1.6		
		LN	$M_s = 5.4$	16.0	3.21			ScS	15 54 25.0	0.6		
		LE		18.0	4.02			LE	$M_s = 5.5$	14.0	3.25	
		LZ	$M_s = 5.1$	20.0	4.02			LZ	$M_s = 5.5$	16.0	5.25	
BJI	33.7 263	eP	15 43 07.0	-0.5		CD2	47.3 264	P	15 44 58.6	-1.0		
		ePcP	15 45 47.0	0.6				PMZ	$m_b = 5.1$	1.1	0.030	
		eS	15 48 24.0	-4.3				LN	$M_s = 5.3$	18.0	1.96	
		ScS	15 53 29.0	1.0				LZ	$M_s = 5.3$	20.0	3.61	
		LE	$M_s = 5.3$	16.0	3.30	WMQ	47.5 289	-iP	15 45 01.0	0.1		
		LZ	$M_s = 5.4$	16.0	5.80			PMZ	$m_b = 5.4$	1.5	0.090	
TIA	35.8 257	eP	15 43 23.8	-1.8				PcP	15 46 31.0	0.4		
		S	15 48 54.0	-6.1				PcS	15 50 26.0	1.4		
		LN	$M_s = 5.3$	19.0	2.83			S	15 51 52.0	0.0		
		LE		19.0	2.53			LZ	$M_s = 5.5$	22.0	6.07	
		LZ	$M_s = 5.1$	20.0	3.53	GYA	49.0 258	P	15 45 15.0	2.0		
HHC	35.8 268	-P	15 43 25.0	-0.8				pP	15 45 24.8	3.7		
		eS	15 48 59.5	-2.0				S	15 52 10.0	-3.9		
		LN	$M_s = 5.0$	12.0	0.99			LN	$M_s = 5.4$	18.0	2.40	
		LE		14.0	0.97			LE		18.0	1.30	
		LZ	$M_s = 5.0$	14.0	1.83			LZ	$M_s = 5.1$	20.0	2.10	
BTO	36.9 269	P	15 43 34.0	-0.7		KMI	52.2 260	eP	15 45 36.5	-1.3		
		sP	15 43 51.0	4.8				PMZ	$m_b = 5.2$	1.0	0.030	
		eS	15 49 15.0	-2.7				pP	15 45 46.0	0.3		
		LN	$M_s = 5.3$	17.0	2.60			sP	15 45 50.0	0.8		
		LE		19.0	2.00			S	15 52 58.0	-0.6		
		LZ	$M_s = 5.2$	19.0	3.50			LZ	$M_s = 5.3$	20.0	2.70	
SSE	37.4 247	eP	15 43 40.5	1.5		QZN	53.2 249	eP	15 45 46.0	1.6		
		eS	15 49 24.0	-1.6				eS	15 53 13.5	1.2		
		PcS	15 49 46.0	1.5				LN	$M_s = 5.4$	18.0	1.25	
		LN	$M_s = 4.6$	18.0	0.73			LE		19.0	1.74	
		LZ	$M_s = 4.9$	20.0	2.02	LSA	55.5 274	P	15 46 01.5	-0.2		
TIY	37.4 264	-P	15 43 38.5	-0.7		KSH	56.8 293	P	15 46 11.0	0.1		
		S	15 49 27.0	2.1				S	15 54 01.0	1.4		
		LE	$M_s = 5.1$	14.0	1.47			LN	$M_s = 5.6$	12.0	1.90	
		LZ	$M_s = 5.2$	16.0	2.98							
NJ2	37.9 251	-P	15 43 42.8	-0.6								
		pP	15 43 49.8	-1.8								
		sP	15 43 53.5	-1.6								
		LN	$M_s = 5.3$	17.0	2.26							
		LE		17.0	1.61							
		LZ	$M_s = 4.5$	21.0	0.74	QZH	3.0 289	iPn	16 25 50.9	-0.3		
WHN	41.6 254	eP	15 44 12.7	-0.8				iSn	16 26 24.0	-4.3		
		pP	15 44 22.5	0.9				SMN	$M_L = 4.2$	1.0	1.08	
		PcP	15 46 12.0	1.5				SME		1.0	1.00	
		LN	$M_s = 5.2$	14.0	0.90			LN		10.0	1.87	
		LE		14.0	1.30			LE		10.0	1.84	
		LZ	$M_s = 4.8$	18.0	1.30	SSE	7.1 357	eP	16 26 50.5	0.6		
XAN	42.0 263	eP	15 44 15.6	-1.9				pP	16 26 52.7	-2.6		
		PcP	15 46 12.6	0.6				S	16 28 12.0	1.6		
		LN	$M_s = 4.9$	10.0	0.43			SMN	$M_L = 4.4$	1.3	0.17	
		LE		10.0	0.35			SME		1.0	0.16	
LZH	43.5 269	eP	15 44 29.0	-0.6				LN	$M_s = 3.7$	10.0	0.38	
		PMZ	$m_b = 5.2$	1.0	0.038			LE		9.0	0.40	
		pP	15 44 38.5	0.9				LZ	$M_s = 3.6$	10.0	0.48	
		sP	15 44 41.0	-0.1		GZH	7.7 265	eP	16 26 56.0	-3.0		
		PcP	15 46 20.0	3.1				SMN	$M_L = 4.5$	1.0	0.17	
		S	15 50 53.5	-1.9				SME		1.0	0.16	
		ScS	15 54 25.0	0.9				LN	$M_s = 4.1$	10.0	1.08	
		LN	$M_s = 5.5$	13.0	1.93	NJ2	8.4 343	+P	16 27 07.8	-0.6		
		LE		14.0	2.05			PMZ	$m_b = 5.2$	0.8	0.083	
		LZ	$M_s = 5.4$	18.0	4.35			S	16 28 39.0	-4.3		
GTA	43.6 276	-iP	15 44 29.6	-0.3				SMN	$M_L = 4.7$	1.0	0.18	
		PMZ	$m_b = 5.2$	0.8	0.030			SME		1.0	0.22	
		PMZ		3.2	0.43			LN	$M_s = 4.1$	10.0	1.08	
								LZ	$M_s = 3.9$	10.0	0.64	

DEC 9d 16h 25m $04.5 \pm 0.06s$, SD1.90 / 45
 24.02 N $\pm 1.20km$, 121.68 E $\pm 0.96km$, h16 $\pm 0.62km$
 Taiwan
 (244)
 $M_s 3.9 / 7$, $M_L 4.4 / 11$, $m_b 4.9 / 4$



WHN	9.2	316	eP	16 27 17.0	-2.8		
			SMN			1.2	0.21
			SME			1.0	0.10
			LE	$M_s=4.1$		9.0	0.80
TIY	15.8	332	eP	16 28 51.4	3.4		
CD2	17.3	297	eP	16 29 10.0	2.5		
LZH	19.5	312	eP	16 29 34.0	-0.5		
			LZ	$M_s=4.2$		12.0	0.61
CN2	20.0	8	eP	16 29 39.4	0.1		
MDJ	21.5	16	eP	16 29 56.2	0.8		
GTA	24.0	315	eP	16 30 23.2	3.1		

DEC 10d 01h 15m $54.7 \pm 0.04s$, $SD0.99 / 134$
 $20.08 S \pm 0.72km$, $177.45 W \pm 0.52km$, $h378 \pm 0.20km$
 Fiji region (181)
 $m_b 4.9 / 39$

QZH	76.6	303	+P	01 27 06.7	-0.2		
SSE	77.8	310	eP	01 27 13.0	-0.4		
			PMZ	$m_b=4.6$		1.0	0.012
NJ2	80.0	309	-P	01 27 25.4	0.3		
MDJ	80.5	325	+P	01 27 28.0	0.5		
			PMZ	$m_b=5.3$		1.0	0.055
SNY	82.2	320	eP	01 27 35.6	-0.9		
CN2	82.3	322	+iP	01 27 36.8	-0.1		
			PMZ	$m_b=4.9$		1.0	0.020
			pP	01 29 04.0	1.6		
WHN	82.6	306	eP	01 27 39.5	1.0		
BJI	86.0	315	eP	01 27 55.0	0.0		
GYA	86.9	299	P	01 28 00.6	0.9		
TIY	87.4	312	+iP	01 28 02.4	0.4		
XAN	88.3	307	P	01 28 06.5	0.3		
HHC	89.4	314	eP	01 28 11.5	-0.1		

DEC 10d 03h 33m $13.0 \pm 0.05s$; $SD2.62 / 5$
 $25.21 N \pm 0.24km$, $102.08 E \pm 0.28km$, $h17 \pm 0.43km$
 Yunnan Province (318)
 $M_L 3.0 / 4$

GYA	4.3	72	Pn	03 34 18.8	0.3		
			Sn	03 35 06.0	-4.3		
			SMN	$M_L=2.9$		1.0	0.020
			SME			1.0	0.020

DEC 10d 07h 27m $21.7 \pm 0.05s$, $SD1.05 / 241$
 $42.99 N \pm 0.84km$, $145.50 E \pm 0.63km$, $h40 \pm 0.18km$
 Hokkaido region (224)
 $M_s 4.2 / 8$, $m_b 5.3 / 2$, $m_b 5.2 / 97$

MDJ	11.6	284	-P	07 30 09.0	1.0		
			PMZ	$m_b=5.5$		1.2	0.11
			sP	07 30 17.0	-4.2		
			SS	07 32 38.0	6.9		
			LN	$M_s=4.1$		10.0	0.25
			LE			10.0	0.55
CN2	14.6	280	+P	07 30 47.8	0.2		
			PMZ	$m_b=5.1$		0.8	0.030
			sP	07 30 59.0	-2.0		
			eS	07 33 30.0	1.3		
			LN	$M_s=4.3$		15.0	0.40
			LE			15.0	1.00
			LZ	$M_s=4.6$		17.0	3.30
SNY	16.2	273	+P	07 31 07.7	-0.8		
			PMZ	$m_b=4.5$		1.0	0.023
			pP	07 31 13.2	-3.6		
			eS	07 34 10.0	3.4		
			LZ	$M_s=4.0$		24.0	0.91
DL2	18.5	265	eP	07 31 36.0	-0.4		
			PMZ	$m_b=4.4$		1.0	0.020
BJI	22.1	272	+eP	07 32 14.0	-1.3		
			PMZ	$m_b=5.2$		1.1	0.13

			eS	07 36 16.0	0.6		
			LZ	$M_s=4.1$		20.0	0.60
SSE	22.7	246	+P	07 32 22.0	1.2		
			PMZ	$m_b=5.0$		1.2	0.084
			PMZ			3.0	0.41
			sP	07 32 34.0	-1.5		
			sS	07 36 36.0	-2.2		
			LE	$M_s=4.0$		14.0	0.32
			LZ	$M_s=4.2$		20.0	0.83
TIA	22.8	262	P	07 32 23.0	0.6		
			PMZ	$m_b=5.4$		1.0	0.19
			sP	07 32 37.5	0.4		
			eS	07 36 28.0	3.6		
NJ2	23.7	251	-P	07 32 32.0	1.2		
			PMZ	$m_b=5.8$		1.0	0.37
			pP	07 32 44.5	3.5		
			LZ	$M_s=4.1$		22.0	0.63

HHC	25.2	277	P	07 32 46.3	0.3		
			PMZ	$m_b=5.4$		1.0	0.10
			eS	07 37 10.0	3.5		
TIY	25.6	269	+iP	07 32 50.0	0.3		
			PMZ	$m_b=5.0$		1.0	0.040
			sP	07 33 09.0	4.6		
			LN	$M_s=4.3$		17.0	0.62
			LZ	$M_s=4.0$		32.0	0.66
BTO	26.4	277	P	07 32 57.0	-0.2		
			pP	07 33 09.0	1.8		
			S	07 37 28.0	2.9		
			sS	07 37 39.0	-4.3		
WHN	27.7	254	+P	07 33 09.0	0.4		
			PMZ	$m_b=5.4$		1.0	0.090
			sP	07 33 20.5	-2.9		

QZH	28.5	239	eP	07 33 16.5	0.9		
XAN	29.8	265	P	07 33 27.0	-0.3		
LZH	32.6	272	+P	07 33 52.5	0.3		
			PMZ	$m_b=5.2$		1.5	0.056
			pP	07 34 00.0	-2.4		
			sP	07 34 02.5	-4.4		
			PP	07 35 00.0	-0.8		
			LZ	$M_s=4.1$		25.0	0.47
GTA	34.2	280	+iP	07 34 06.0	-0.3		
			pP	07 34 16.0	-0.7		
			sP	07 34 22.0	0.8		
			PcP	07 36 43.0	1.4		
GYA	35.6	255	+iP	07 34 17.0	-0.6		
			PMZ	$m_b=5.3$		1.0	0.050
			S	07 39 50.0	1.2		
			sS	07 40 07.0	-0.6		

QZN	38.3	243	P	07 34 44.0	3.1		
KMI	39.2	257	+P	07 34 48.5	0.7		
			PMZ	$m_b=5.6$		1.5	0.14
			pP	07 34 55.5	-2.7		
			S	07 40 48.0	4.3		
WMQ	41.3	292	P	07 35 05.0	-0.1		
			pP	07 35 16.2	0.6		
			eS	07 41 12.5	-3.7		
			LZ	$M_s=4.6$		22.0	0.91
LSA	45.0	271	P	07 35 37.1	1.1		

DEC 10d 09h 34m $32.9 \pm 0.04s$, $SD1.23 / 246$
 $5.88 S \pm 0.80km$, $142.31 E \pm 1.00km$, $h32 \pm 0.05km$
 New Guinea (202)
 $M_s 5.6 / 52$, $m_b 6.3 / 42$, $m_b 5.8 / 57$

QZH	38.4	324	+P	09 41 53.0	-0.1		
			PMZ	$m_b=6.3$		7.0	3.24
			S	09 47 40.0	-4.7		
			LN	$M_s=5.2$		12.0	1.29
			LE			12.0	1.21



	ScS	09 53	47.5	-0.2				eSKS	01 34	48.0							
	LN		$M_s = 5.6$	10.0	1.29			eS	01 35	19.0							
	LE			11.0	1.11			LZ		$M_B = 5.1$							
	LZ		$M_s = 5.4$	25.0	3.89												
GTA	+iP	09 44	37.8	0.0				DEC 11d 08h 57m $34.7 \pm 0.06s$, SD1.43 / 111 13.31 N $\pm 1.46km$, 89.81 W $\pm 1.02km$, h30 $\pm 0.12km$ Off coast of Central America (76) $m_b 4.9 / 30$,									
	PMZ		$m_b = 6.0$	1.4	0.30			TIY	125.1	338	ePKP	09 16	33.8	0.4			
	PMZ		$m_b = 6.3$	7.0	2.74						LZ		$M_B = 5.3$	24.0	0.82		
	pP	09 44	42.0	-4.9				GTA	126.8	351	PKP	09 16	38.0	1.2			
	S	09 52	42.0	-2.0				LZH	129.2	346	ePKP	09 16	43.0	1.6			
	LE		$M_s = 5.4$	11.0	0.99			XAN	129.7	340	ePKP	09 16	43.0	0.8			
	LZ		$M_s = 5.4$	20.0	2.76			WHN	130.6	332	ePKP	09 16	46.0	2.1			
LSA	P	09 44	43.9	0.7				DEC 11d 14h 41m $42.2 \pm 0.07s$, SD1.45 / 231 15.42 S $\pm 1.47km$, 173.09 W $\pm 0.96km$, h12 $\pm 0.20km$ Tonga (173) $M_s 6.0 / 30$, $m_b 6.2 / 25$, $m_b 5.8 / 51$									
	SMN			8.0	0.95			QZH	77.7	300	+P	14 53	41.0	-0.4			
	SME			7.0	2.04						sS	15 03	38.0	-4.4			
WMQ	+iP	09 45	42.5	0.2				SSE	78.2	307	P	14 53	42.0	-2.1			
	PMZ		$m_b = 6.2$	8.0	2.35						PMZ		$m_b = 5.9$	10.0	1.28		
	S	09 54	53.0	6.4							eS	15 03	32.0	-5.9			
	LZ		$M_s = 5.2$	22.0	1.52						sS	15 03	48.0	0.4			
KSH	P	09 46	19.0	0.0							SKS	15 03	52.0	-0.1			
	pP	09 46	29.0	0.9							LN		$M_s = 5.9$	17.0	1.77		
	sP	09 46	33.0	0.9							LE			16.0	2.05		
	S	09 55	59.5	2.6							LZ		$M_s = 5.5$	20.0	2.29		
	sS	09 56	15.0	1.1							LZ						
	LE		$M_s = 5.9$	8.0	1.70			MDJ	79.2	322	eP	14 53	49.5	-0.2			
DEC 10d 09h 42m $15.8 \pm 0.03s$, SD1.07 / 57 5.83 S $\pm 0.87km$, 142.31 E $\pm 0.70km$, h31 $\pm 0.25km$ New Guinea (202) $M_s 5.4 / 2$, $m_b 5.6 / 1$, $m_b 5.4 / 18$																	
SSE	+P	09 50	06.0	0.5							PMZ		$m_b = 6.0$	1.6	0.25		
	PMZ		$m_b = 5.6$	1.2	0.12						PMZ		$m_b = 6.1$	10.0	2.38		
	PMZ			3.0	0.41						sP	14 54	00.0	1.8			
	pP	09 50	13.0	-1.4							PP	14 56	50.0	0.1			
NJ2	-P	09 50	22.4	1.4							S	15 03	44.0	-3.1			
	PMZ		$m_b = 5.2$	1.2	0.040						SKS	15 03	57.0	-2.3			
WHN	eP	09 50	31.0	0.4							LN		$M_s = 6.3$	22.0	4.90		
	PMZ		$m_b = 5.4$	1.5	0.090						LE			22.0	9.29		
SNY	+P	09 51	12.0	-1.0							LZ		$M_s = 6.0$	22.0	8.70		
	pP	09 51	21.1	-0.8							LZ						
	sP	09 51	25.0	-0.7							+P	14 53	57.0	0.9			
MDJ	-P	09 51	20.5	-0.7							PMZ		$m_b = 6.2$	8.0	2.08		
BJI	eP	09 51	21.0	-0.9							LZ		$M_s = 5.4$	20.0	1.83		
	PMZ		$m_b = 5.5$	1.4	0.080						PMZ		$m_b = 5.8$	1.4	0.15		
CN2	eP	09 51	22.0	-0.6							PMZ		$m_b = 6.2$	6.0	1.50		
CD2	P	09 51	24.9	0.8							pP	14 54	08.0	1.5			
	PMZ		$m_b = 5.4$	1.2	0.060						eS	15 04	07.0	-3.3			
HHC	P	09 51	42.1	-0.4							LN		$M_s = 6.1$	17.0	1.20		
GTA	+iP	09 52	20.4	-0.2							LE			17.0	4.20		
WMQ	P	09 53	25.0	-0.1							LZ		$M_s = 6.4$	19.0	15.0		
DEC 11d 01h 11m $03.5 \pm 0.05s$, SD1.38 / 79 22.13 S $\pm 1.22km$, 174.25 W $\pm 0.78km$, h39 $\pm 0.17km$ Tonga region (174) $m_b 5.0 / 20$,																	
MDJ	eP	01 23	30.3	-1.1							P	14 54	02.0	0.7			
CN2	P	01 23	40.8	0.2							S	15 04	04.0	-5.8			
	pP	01 23	48.0	-3.4							LZ		$M_s = 5.6$	24.0	2.94		
	LZ		$M_s = 5.3$	17.0	1.00						P	14 54	00.0	-1.7			
WHN	eP	01 23	46.0	3.0							eS	15 04	12.0	-0.2			
GYA	P	01 24	04.6	1.0							LZ		$M_s = 5.6$	25.0	3.50		
TIY	P	01 24	07.0	1.2							-iP	14 54	01.6	-0.2			
	LZ		$M_s = 5.0$	20.0	0.63						PMZ		$m_b = 6.3$	1.8	0.55		
XAN	P	01 24	10.0	0.0							PMZ		$m_b = 6.2$	11.0	2.85		
	eSKS	01 34	40.0	3.4							pP	14 54	12.0	4.5			
HHC	eP	01 24	17.9	2.8							S	15 04	08.0	-2.7			
KMI	+P	01 24	17.0	0.8							SKS	15 04	18.0	2.5			
	PMZ		$m_b = 5.6$	2.0	0.060						ScS	15 04	25.0	-1.3			
	pP	01 24	22.0	-4.8							LN		$M_s = 6.1$	20.0	3.21		
											LE			19.0	3.67		
											LZ		$M_s = 5.7$	20.0	3.27		
											P	14 54	11.0	0.4			
											PP	14 57	20.0	-2.7			

WHN	83.3	304	eS	15 04	28.0	-1.7			sP	14 55	12.0	3.5				
			LE		$M_s=6.2$		22.0	7.20	PP	14 58	44.5	-1.5				
			+P	14 54	12.0	0.6			SKS	15 05	31.0	-0.3				
			PMZ		$m_b=6.6$		7.0	3.79	sS	15 06	18.0	2.6				
			S	15 04	26.0	-3.6			SS	15 12	18.0	-6.8				
			sS	15 04	36.0	-5.0			LE		$M_s=5.9$		18.0	2.27		
TIA	83.4	310	LE		$M_s=5.7$		18.0	2.00	LZ		$M_s=5.7$		33.0	4.94		
			LZ		$M_s=5.3$		24.0	1.50	GTA	97.4	309	eP	14 55	18.0	-0.1	
			-P	14 54	12.2	0.3			PMZ		$m_b=6.5$		6.0	0.56		
			PMZ		$m_b=6.2$		2.4	0.50	PP	14 59	12.0	-4.6				
			PMZ		$m_b=6.2$		8.0	1.86	SKS	15 05	56.0	3.5				
			eS	15 04	26.0	-6.3			S	15 06	44.0	6.6				
BJI	85.7	313	LN		$M_s=6.1$		22.0	2.92	SS	15 13	16.0	-3.9				
			LE				22.0	4.86	LE		$M_s=6.3$		20.0	6.18		
			LZ		$M_s=5.7$		24.0	4.00	LZ		$M_s=6.2$		20.0	7.51		
			+eP	14 54	23.5	0.3			WMQ	107.1	312	ePdif	14 55	57.5	-3.6	
			PMZ		$m_b=6.3$		1.7	0.51	PP	15 00	26.0	-3.9				
			PMZ		$m_b=6.3$		6.0	1.55	LZ		$M_s=5.6$		20.0	1.76		
TIY	87.5	310	ePP	14 57	39.0	-3.7			KSH	115.8	307	PKP	15 00	28.0	2.1	
			eS	15 04	48.0	-6.5			LE		$M_s=6.4$		18.0	4.40		
			LE		$M_s=5.8$		20.0	2.55	DEC 11d 16h 09m $30.9 \pm 0.09s$, $SD1.74 / 89$ $15.34 S \pm 1.57km$, $173.02 W \pm 1.20km$, $h33 \pm 0.27km$ Tonga (173) $M_s5.5 / 2$, $m_b5.8 / 1$, $m_b5.0 / 22$							
			LZ		$M_s=5.7$		24.0	3.81	CN2	81.3	320	P	16 21	44.6	-1.5	
			+P	14 54	33.0	0.9			SNY	81.5	317	+P	16 21	47.0	-0.2	
			PMZ		$m_b=6.4$		2.0	0.64	PMZ		$m_b=5.2$		1.4	0.043		
GYA	88.3	298	PMZ		$m_b=6.2$		10.0	1.78	BJI	85.7	313	eP	16 22	09.0	0.5	
			pP	14 54	39.0	1.2			PMZ		$m_b=5.5$		1.2	0.058		
			SKS	15 04	50.0	-5.9			PMZ		$m_b=5.8$		6.0	0.55		
			LN		$M_s=6.1$		20.0	4.00	PP	16 25	33.0	4.7				
			LE				19.0	2.08	eS	16 32	35.0	-2.7				
			LZ		$M_s=5.8$		24.0	4.08	TIY	87.5	310	-P	16 22	18.8	1.4	
XAN	88.9	306	P	14 54	36.4	0.3			S	16 32	50.5	-2.7				
			PMZ		$m_b=6.2$		6.0	1.20	sS	16 33	12.5	1.5				
			pP	14 54	43.4	1.6			LE		$M_s=5.2$		13.0	0.39		
			P	14 54	39.0	0.3			LZ		$M_s=5.1$		20.0	0.75		
			PMZ		$m_b=5.7$		1.6	0.090	XAN	88.9	306	P	16 22	25.0	0.9	
			PMZ		$m_b=6.1$		8.0	1.13	HHC	89.3	313	P	16 22	27.4	1.5	
HHC	89.3	313	LN		$M_s=6.1$		21.0	4.10	BTO	90.3	312	P	16 22	31.0	0.4	
			LE				18.0	1.90	LZH	93.5	306	eP	16 22	44.0	-1.5	
			+P	14 54	41.5	0.9			PMZ		$m_b=5.2$		1.5	0.017		
			PP	14 58	10.0	-2.3			GTA	97.4	309	eP	16 23	03.0	-0.5	
			SKS	15 05	07.0	0.1			LE		$M_s=5.7$		18.0	1.27		
			S	15 05	22.0	-4.4			LZ		$M_s=5.5$		21.0	1.83		
BTO	90.3	312	sS	15 05	37.0	-0.8			DEC 11d 16h 14m $26.8 \pm 0.02s$, $SD2.52 / 13$ $31.35 N \pm 0.25km$, $98.89 E \pm 0.23km$, $h3 \pm 0.11km$ Tibet (306) $M_s3.8 / 1$, $M_L3.7 / 4$,							
			LZ		$M_s=5.7$		28.0	3.70	CD2	4.2	95	Pg	16 15	42.6	1.6	
			+iP	14 54	46.0	0.7			Sg	16 16	35.1	-3.2				
			SKS	15 05	12.0	-1.0			SMN		$M_L=3.7$		1.4	0.23		
			S	15 05	34.0	-1.6			SME				0.8	0.070		
			LN		$M_s=5.9$		18.0	1.50	LSA	6.9	258	ePn	16 16	11.0	1.7	
KMI	91.3	296	LE				18.0	1.60	WMQ	15.3	328	P	16 18	05.5	0.3	
			LZ		$M_s=5.7$		18.0	2.70	DEC 11d 18h 38m $56.2 \pm 0.05s$, $SD2.12 / 11$ $27.48 N \pm 0.57km$, $92.13 E \pm 0.58km$, $h25 \pm 0.24km$ Eastern India (317) $M_L3.4 / 1$, $m_b4.1 / 2$,							
			+P	14 54	51.0	0.8			LSA	2.4	339	Pg	18 39	39.0	0.1	
			PMZ		$m_b=5.9$		2.5	0.16	Sg	18 40	11.0	0.0				
			PMZ		$m_b=6.0$		6.0	0.60	SMN		$M_L=3.4$		0.9	0.23		
			pP	14 54	56.0	0.2			SME				0.8	0.25		
CD2	92.1	301	sP	14 55	00.5	2.0			WMQ	16.7	349	P	18 42	53.2	2.8	
			SKS	15 05	19.0	-0.1										
			S	15 05	40.0	-4.8										
			LZ		$M_s=5.7$		25.0	3.50								
			eP	14 54	58.0	4.4										
			PP	14 58	34.0	-0.8										
LZH	93.5	306	SKS	15 05	25.0	1.6										
			S	15 05	58.0	6.4										
			sS	15 06	05.0	1.8										
			LZ		$M_s=5.9$		20.0	4.63								
			eP	14 54	59.5	-0.6										
			PMZ		$m_b=5.9$		2.0	0.11								



DEC 11d 21h 41m $46.7 \pm 0.05s$, SD1.22 / 108
 5.85 S $\pm 0.79km$, 142.51 E $\pm 1.18km$, h33 $\pm 0.04km$
 New Guinea (202)
 $m_b 5.3 / 34$

SSE	42.0	332	-P	21 49 37.2	0.2		
			PMZ	$m_b = 5.6$	1.0	0.086	
NJ2	43.9	331	+P	21 49 53.6	1.1		
			PMZ	$m_b = 5.1$	1.2	0.034	
WHN	45.1	325	+P	21 50 03.7	1.5		
			PMZ	$m_b = 5.1$	1.0	0.030	
GYA	47.3	314	P	21 50 20.6	1.0		
			pP	21 50 27.8	-1.0		
			sP	21 50 32.8	0.1		
KMI	49.4	310	-P	21 50 37.2	1.0		
			PMZ	$m_b = 5.1$	2.0	0.050	
			sP	21 50 51.5	2.2		
			eS	21 57 38.0	-2.6		
SNY	50.5	342	+iP	21 50 43.6	-0.6		
			PMZ	$m_b = 5.2$	0.8	0.024	
			sP	21 50 56.0	-1.4		
XAN	50.8	324	P	21 50 46.0	-0.6		
MDJ	51.6	348	eP	21 50 51.5	-0.7		
			PMZ	$m_b = 5.1$	1.0	0.027	
TIY	51.6	330	eP	21 50 51.5	-1.1		
BJI	51.7	334	eP	21 50 52.5	-0.8		
			PMZ	$m_b = 5.4$	1.3	0.067	
CN2	51.8	344	-P	21 50 53.2	-0.6		
CD2	52.0	317	P	21 50 55.0	-0.8		
HHC	54.5	331	P	21 51 14.0	0.1		
BTO	55.0	330	P	21 51 17.0	-0.9		
LZH	55.3	322	+P	21 51 19.8	0.0		
			PMZ	$m_b = 5.4$	1.2	0.055	
			pP	21 51 30.5	1.4		
			sP	21 51 33.0	0.0		
GTA	59.8	323	+iP	21 51 52.0	-0.1		
LSA	60.6	309	-P	21 51 58.6	0.9		
WMQ	69.8	321	P	21 52 56.5	0.0		
			PMZ	$m_b = 5.3$	1.0	0.035	
			pP	21 53 07.5	1.5		
			PcP	21 53 18.0	-0.3		
			eS	22 02 05.0	2.2		

SSE	6.1	312	IP	03 27 21.5			
			PMZ	$m_b = 5.6$	1.2	1.0	0.35
			sP	03 27 55.0	-1.9		
			LN			8.0	1.98
			LE			8.0	3.20
			LZ			11.0	1.84
QZH	7.4	255	+P	03 27 38.0	0.2		
			PMZ	$m_b = 5.4$		0.5	0.11
			PMZ	$m_b = 5.7$		4.0	1.40
			S	03 28 57.0	-3.9		
			LN			4.0	8.38
			LZ			11.0	1.85
NJ2	8.3	308	+P	03 27 50.2	1.1		
			PMZ	$m_b = 6.1$		0.8	0.79
			PMZ			3.0	1.83
			S	03 29 28.0	6.8		
			LN			6.0	1.67
			LE			6.0	2.76
WHN	11.2	291	+P	03 28 28.5	1.2		
			PMZ	$m_b = 5.6$		1.0	0.21
			sP	03 29 10.0	2.2		
			S	03 30 32.0	2.3		
TIA	12.1	321	-P	03 28 40.5	1.5		
			PMZ	$m_b = 4.7$		1.2	0.030
			sP	03 29 16.0	-4.0		
			S	03 30 55.5	4.9		
SNY	14.9	351	-iP	03 29 17.0	2.4		
			PMZ	$m_b = 6.2$		1.2	0.80
			PMZ	$m_b = 5.8$		8.0	2.56
			sP	03 29 57.0	-0.5		
BJI	15.5	329	-P	03 29 24.0	1.9		
			PMZ	$m_b = 5.8$		1.4	0.52
			PMZ	$m_b = 6.0$		4.0	2.17
			ePcS	03 37 48.5	-0.5		
			eScS	03 41 11.0	1.4		
			LN			12.0	0.96
TIY	15.9	315	+iP	03 29 30.0	2.9		
			PMZ	$m_b = 6.2$		1.2	1.01
			sP	03 30 11.0	0.4		
			ScS	03 41 14.5	3.8		
XAN	16.6	299	-P	03 29 36.5	0.3		
			PMZ	$m_b = 5.7$		4.0	1.20
			eS	03 32 39.0	4.0		
			LN			8.0	0.94
			LE			8.0	1.20
CN2	16.7	357	-iP	03 29 38.0	1.2		
			PMZ	$m_b = 5.8$		1.0	0.40
			PMZ	$m_b = 6.0$		4.0	2.30
			sP	03 30 22.0	1.1		
			S	03 32 42.0	6.6		
			PcP	03 34 15.0	-1.8		
			ScP	03 37 35.0	0.4		
QZN	17.3	246	eP	03 29 47.8	3.8		
			eS	03 32 51.0	1.5		
			LN			10.0	0.36
			LE			9.0	0.84
MDJ	17.7	7	eP	03 29 47.5	-0.7		
			PMZ	$m_b = 5.7$		1.0	0.26
			sP	03 30 30.0	-3.2		
			S	03 33 00.0	3.1		
			ScP	03 37 38.5	1.8		
			PcS	03 37 50.0	-3.3		
			LN			8.0	0.62
			LE			8.0	0.58
GYA	17.7	272	P	03 29 49.0	-0.1		
			PMZ	$m_b = 5.3$		1.6	0.17
			sP	03 30 39.0	4.9		
			S	03 33 02.0	3.5		

DEC 11d 22h 14m $14.8 \pm 0.07s$, SD2.14 / 15
 38.59 N $\pm 0.59km$, 120.60 E $\pm 0.58km$, h13 $\pm 0.18km$
 North-Eastern China (658)
 $M_L 3.6 / 14$

DL2	0.9	68	iPg	22 14 30.0	-0.2		
			Sg	22 14 40.5	-1.6		
			SMN	$M_L = 3.6$	0.2	1.64	
			SME		0.2	2.00	
BJI	3.7	294	Pn	22 15 13.0	0.6		
			Sn	22 15 55.0	-3.2		
			SMN	$M_L = 3.2$	1.0	0.059	
			SME		1.0	0.052	
SNY	4.0	34	iPg	22 15 26.1	1.4		
			Sg	22 16 16.2	-2.5		
			SMN	$M_L = 4.2$	1.2	0.65	
			SME		1.0	0.35	
CN2	6.4	34	ePg	22 16 09.8	2.6		
			Sg	22 17 32.3	-1.7		
			SMN	$M_L = 3.8$	0.8	0.050	
			SME		0.8	0.070	

DEC 12d 03h 25m $50.9 \pm 0.04s$, SD1.33 / 310
 27.10 N $\pm 0.94km$, 126.50 E $\pm 0.65km$, h163 $\pm 0.33km$
 Ryukyu Islands (238)
 $m_b 5.6 / 12$, $m_b 5.4 / 106$



HHC	18.4	322	-iP	03 29 57.4	0.5		
			PMZ	$m_b = 6.0$		1.2	0.74
			sP	03 30 43.5	0.4		
			S	03 33 13.0	-0.5		
			LN			11.0	0.82
			LE			8.5	0.61
			LZ			12.0	1.35
BTO	19.2	319	-iP	03 30 04.5	0.1		
			sP	03 30 51.0	-1.1		
			S	03 33 30.0	2.4		
			LN			11.0	0.80
			LE			12.0	0.50
			LZ			21.0	1.10
CD2	20.2	286	-P	03 30 14.0	-1.5		
			PMZ	$m_b = 5.8$		1.0	0.31
			pP	03 30 45.0	2.7		
			sP	03 31 02.5	-2.5		
			S	03 33 50.0	2.2		
			LN			6.0	2.76
			LZ			16.0	2.86
LZH	21.2	301	-iP	03 30 25.5	0.0		
			PMZ	$m_b = 5.6$		1.5	0.33
			PMZ	$m_b = 5.6$		5.0	1.10
			PP	03 30 58.0	0.5		
			PcP	03 34 25.5	0.7		
			S	03 34 05.0	-1.2		
			SS	03 34 57.0	1.9		
			ScP	03 37 45.0	0.2		
			ScS	03 41 29.0	1.5		
			LZ			16.0	0.97
KMI	21.4	270	-iP	03 30 28.0	0.7		
			PMZ			3.0	0.32
			PMZ	$m_b = 5.4$		5.0	0.60
			pP	03 31 00.0	3.4		
			sP	03 31 18.0	0.3		
			S	03 34 14.0	4.7		
GTA	25.4	306	-iP	03 31 04.0	-1.1		
			PMZ	$m_b = 6.2$		1.0	0.53
			pP	03 31 38.0	0.5		
			sP	03 31 54.0	-2.7		
			PcP	03 34 34.2	0.9		
			ScP	03 37 58.0	2.3		
			S	03 35 16.0	-0.6		
			sS	03 36 12.0	-2.8		
			PcS	03 38 13.4	1.1		
			ScS	03 41 46.0	2.5		
LSA	31.1	283	P	03 31 56.4	-0.9		
WMQ	35.4	308	-iP	03 32 32.0	-1.0		
			PMZ	$m_b = 5.4$		1.5	0.13
			PP	03 33 57.5	1.5		
			S	03 37 52.0	-2.1		
			PcS	03 38 44.0	-0.9		

						SMN	$M_L = 4.6$	11.2	0.20
						SME		11.0	0.32
						LZ	$M_S = 4.5$	7.0	2.31
GZH	7.7	266	eP	03 57 07.6	-3.5				
			SMN			$M_L = 5.0$		1.0	0.53
			SME					1.0	0.46
			LN					3.0	2.40
			LE					3.0	1.30
NJ2	8.5	344	+P	03 57 20.3	-2.4				
			PMZ	$m_b = 5.5$				0.8	0.17
			pP	03 57 27.8	0.6				
			SMN			$M_L = 5.1$		1.0	0.52
			SME					1.0	0.38
			LN			$M_S = 4.7$		10.0	3.90
			LZ			$M_S = 4.3$		11.0	2.18
WHN	9.3	317	eP	03 57 31.0	-2.6				
			eS	03 59 15.0	-4.4				
			SMN					1.0	0.38
			SME					1.8	0.90
			LE			$M_S = 4.5$		9.0	2.02
			LZ			$M_S = 4.4$		12.0	2.40
QZN	12.0	249	eP	03 58 11.7	0.7				
			eS	04 00 26.1	-0.2				
			LN			$M_S = 4.3$		16.0	0.93
			LE					17.0	1.11
GYA	13.8	284	P	03 58 34.8	-0.4				
			pP	03 58 41.8	2.5				
			sP	03 58 45.6	2.8				
			S	04 01 08.0	-1.4				
			SMN					1.8	1.12
			SME					1.8	0.40
			LN			$M_S = 4.9$		9.0	1.30
			LE					9.0	2.60
XAN	15.1	315	eP	03 58 52.5	1.4				
			S	04 01 39.4	1.0				
			LN			$M_S = 4.7$		9.0	1.10
			LE					10.0	1.30
TIY	15.9	332	eP	03 59 02.3	0.2				
			LN			$M_S = 4.8$		10.0	2.07
			LZ			$M_S = 4.7$		11.0	2.22
BJI	16.8	345	eP	03 59 16.5	3.4				
			PMZ	$m_b = 4.3$				1.2	0.016
			LN			$M_S = 4.4$		11.0	0.86
CD2	17.4	298	eP	03 59 21.9	1.1				
			eS	04 02 36.0	3.1				
			LE			$M_S = 4.8$		8.0	1.52
HHC	18.9	336	P	03 59 44.0	3.8				
			S	04 03 09.0	1.5				
			LN			$M_S = 4.4$		7.0	0.32
			LE					7.0	0.32
BTO	19.3	332	eP	03 59 46.0	1.2				
			eS	04 03 18.0	0.5				
			LN			$M_S = 4.9$		11.0	2.00
			LE					11.0	1.30
			LZ			$M_S = 4.9$		11.0	2.60
LZH	19.6	312	eP	03 59 48.5	0.3				
			PMZ	$m_b = 4.6$				2.0	0.054
			PMZ	$m_b = 4.8$				9.0	0.44
			PP	04 00 07.0	1.5				
			LN			$M_S = 4.7$		10.0	0.86
			LE					10.0	0.82
			LZ			$M_S = 4.6$		13.0	1.84
CN2	20.1	8	eP	03 59 53.0	-0.5				
			eS	04 03 33.0	-1.4				
			LN			$M_S = 4.5$		14.0	0.40
			LE					14.0	0.90
			LZ			$M_S = 4.7$		14.0	2.00
MDJ	21.7	15	eP	04 00 10.0	0.5				

DEC 12d 03h 55m $16.1 \pm 0.05s$, $SD1.67 / 74$
 $23.88 N \pm 0.79km$, $121.67 E \pm 0.76km$, $h8 \pm 0.24km$
 Taiwan (244)

$M_S 4.7 / 20$, $M_L 4.6 / 11$, $m_b 4.8 / 1$,

QZH	3.0	291	Pn	03 56 04.0	-0.2		
			Sn	03 56 37.0	-5.3		
			SMN			$M_L = 4.5$	0.8
			SME				0.8
			LN				8.0
			LE				8.0
			LZ				10.0
SSE	7.2	357	eP	03 57 04.0	-0.4		
			pP	03 57 06.0	-2.8		
			sP	03 57 10.5	-1.3		
			S	03 58 21.0	-5.9		



XAN	35.5	339	LZ	$M_s=4.8$	16.0	1.34
			+P	18 31 05.5	-0.6	
			PMZ	$m_b=5.3$	1.2	0.070
			S	18 36 45.0	6.8	
TIY	37.8	345	LN	$M_s=5.0$	17.0	1.73
			+P	18 31 25.0	-0.6	
			PMZ	$m_b=5.4$	1.0	0.060
			S	18 37 15.0	1.5	
			ScP	18 37 23.0	-2.1	
			LN	$M_s=5.1$	18.0	1.82
			LZ	$M_s=4.7$	22.0	1.30
BJI	39.3	351	eP	18 31 37.0	-0.7	
			PMZ	$m_b=5.3$	1.4	0.068
LZH	39.4	334	+iP	18 31 39.2	0.9	
			PMZ	$m_b=5.8$	1.8	0.31
			PMZ	$m_b=5.6$	4.0	0.45
			pP	18 31 48.0	0.7	
			sP	18 31 53.0	1.7	
			PP	18 33 14.0	1.3	
			eS	18 37 40.0	2.2	
			LN	$M_s=4.7$	14.0	0.60
			LZ	$M_s=4.6$	22.0	1.10
SNY	40.5	360	+P	18 31 46.0	-1.4	
			PMZ	$m_b=5.9$	1.2	0.23
			pP	18 31 57.6	1.0	
			LN	$M_s=4.8$	24.0	0.90
			LE		20.0	0.84
			LZ	$M_s=4.6$	22.0	1.00
HHC	41.0	346	eP	18 31 52.2	0.1	
BTO	41.2	344	eP	18 31 53.0	-0.4	
LSA	42.0	316	+P	18 32 01.8	1.1	
GTA	43.9	333	+iP	18 32 16.0	0.4	
			PMZ	$m_b=6.1$	2.0	0.61
			pP	18 32 25.0	0.3	
			S	18 38 40.0	-3.5	
			LE	$M_s=5.0$	15.0	0.99
			LZ	$M_s=4.8$	16.0	0.93
WMQ	53.2	328	+P	18 33 26.5	-1.1	
			PMZ	$m_b=5.3$	1.2	0.050
			sP	18 33 42.5	1.8	
			PP	18 35 34.0	5.6	
			eS	18 40 55.0	-0.2	
KSH	57.9	317	eP	18 34 00.0	-1.4	

			PMZ	$m_b=5.9$	3.5	0.51
			S	00 43 36.8	4.3	
			LE	$M_s=5.2$	11.0	0.63
LZH	68.2	61	eP	00 35 29.0	0.4	
			PMZ	$m_b=5.4$	2.0	0.086
			PMZ	$m_b=5.7$	4.0	0.38
			pP	00 35 34.0	-0.1	
			sP	00 35 37.0	0.2	
			cS	00 44 26.0	-1.9	
			LN	$M_s=5.2$	12.0	0.45
			LE		12.0	0.41
			LZ	$M_s=5.1$	24.0	1.54
BTO	70.0	54	eP	00 35 42.0	2.4	
			sP	00 35 47.0	-0.8	
			eS	00 44 53.0	4.0	
			LN	$M_s=5.5$	15.0	0.70
			LE		15.0	1.00
HHC	70.8	53	eP	00 35 46.0	1.2	
			S	00 45 01.0	3.7	
			LZ	$M_s=5.1$	40.0	2.01
XAN	72.8	60	P	00 35 57.5	1.0	
			PP	00 38 43.0	3.4	
			eS	00 45 26.0	4.4	
TIY	73.1	55	eP	00 35 59.0	0.6	
			eS	00 45 28.0	2.7	
			LN	$M_s=5.7$	19.0	2.34
			LZ	$M_s=5.2$	24.0	1.77
KMI	73.2	71	+P	00 36 00.0	0.9	
			pP	00 36 05.0	0.5	
			sP	00 36 07.5	0.3	
			S	00 45 26.0	1.3	
			LZ	$M_s=4.8$	30.0	0.80
BJI	74.2	52	eP	00 36 05.5	1.0	
			PMZ	$m_b=4.8$	1.0	0.012
GYA	75.4	68	P	00 36 12.2	0.5	
			pP	00 36 17.0	-0.2	
			S	00 45 50.0	0.8	
TIA	77.1	54	eP	00 36 18.0	-2.9	
CN2	77.4	44	eP	00 36 24.0	1.3	
			PMZ	$m_b=5.9$	4.0	0.50
			pP	00 36 28.0	-0.3	
			eS	00 46 10.0	-2.4	
			LN	$M_s=5.3$	14.0	0.30
			LE		14.0	0.50
			LZ	$M_s=5.6$	17.0	2.70
DL2	78.3	50	eP	00 36 32.0	4.5	
WHN	78.6	60	eP	00 36 27.5	-1.7	
MDJ	79.1	42	eP	00 36 34.5	2.3	
NJ2	80.7	57	+P	00 36 41.0	0.2	

DEC 12d 20h 26m $26.6 \pm 0.08s$, SD2.91 / 12
 39.72 N $\pm 0.87km$, 77.06 E $\pm 0.55km$, $h_{25} \pm 0.29km$
 Southern Xinjiang Province (321)
 $M_L 3.8 / 7$,

KSH	0.9	257	Pg	20 26 42.2	-1.0	
			Sg	20 26 54.5	-1.2	
			SMN	$M_L=4.6$	0.2	8.10
			SME		0.2	20.0
WMQ	8.9	59	P	20 28 37.0	-0.5	
GTA	17.5	84	eP	20 30 31.0	-0.5	

DEC 13d 00h 24m $25.1 \pm 0.03s$, SD1.40 / 403
 37.29 N $\pm 0.63km$, 15.42 E $\pm 0.47km$, $h_{11} \pm 0.18km$
 Sicily (398)
 $M_s 5.3 / 8$, $m_b 5.7 / 5$, $m_b 5.3 / 53$

KSH	46.7	68	P	00 33 00.0	3.6	
WMQ	53.7	59	P	00 33 50.5	0.4	
			pP	00 34 00.5	4.8	
			S	00 41 25.0	3.4	
			LZ	$M_s=5.0$	26.0	1.65
LSA	62.1	73	eP	00 34 49.0	-0.3	
			S	00 43 12.0	0.9	
			SMN		9.0	0.45
GTA	63.8	59	P	00 35 00.0	-0.3	

DEC 13d 03h 01m $47.3 \pm 0.03s$, SD1.34 / 370
 23.95 N $\pm 0.81km$, 121.64 E $\pm 0.73km$, $h_{11} \pm 0.16km$
 Taiwan (244)
 $M_s 6.5 / 53$, $m_b 6.3 / 34$, $m_b 5.8 / 108$

QZH	2.9	290	Pn	03 02 33.2	-1.3	
			Sn	03 03 08.5	-3.3	
SSE	7.1	357	P	03 03 33.4	-0.9	
			pP	03 03 35.5	-3.6	
			S	03 04 53.0	-2.9	
			LE	$M_s=6.4$	12.0	340
GZH	7.7	265	P	03 03 41.0	-0.8	
			PMZ	$m_b=5.7$	1.0	0.44
			PMZ	$m_b=6.0$	9.0	8.03
			S	03 05 05.6	-3.6	
			LN	$M_s=6.8$	14.0	611
			LE		14.0	606
			LZ	$M_s=6.5$	8.0	244
NJ2	8.4	344	-P	03 03 50.0	-2.6	



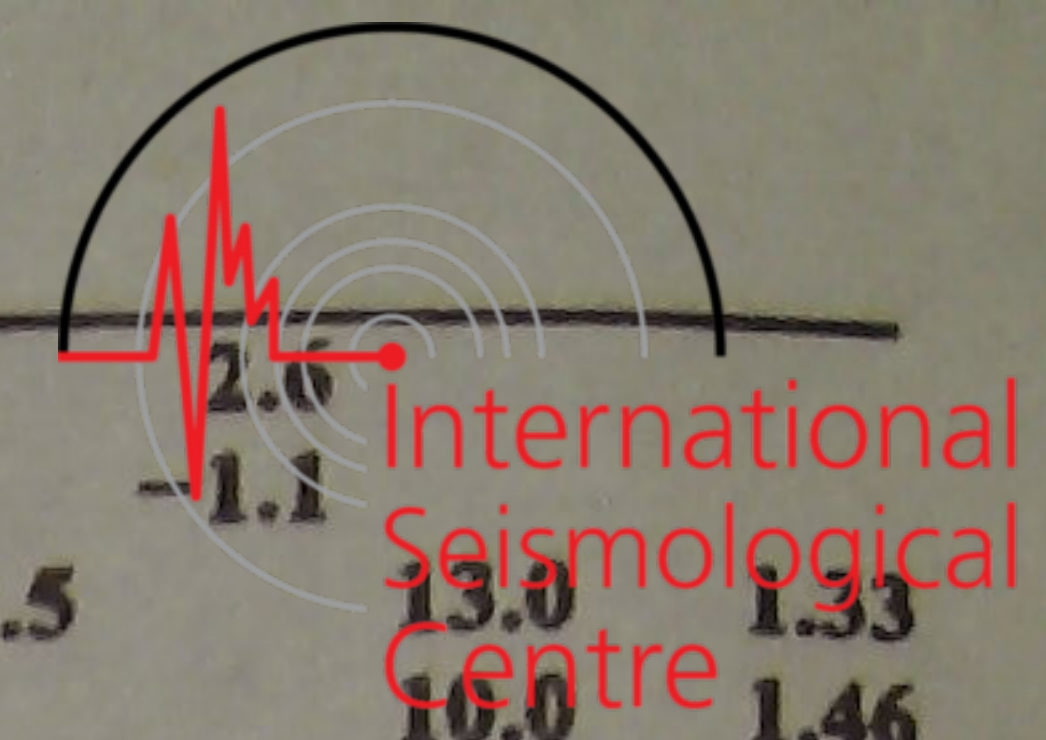
Station	Mag	Depth (km)	Type	Date	Time (h:m)	m_b	M_s	M_L	M_B	Mag	Depth (km)	Type	Date	Time (h:m)	m_b	M_s	M_L	M_B				
WHN	9.2	317	PMZ			$m_b = 6.0$	0.8	0.57		HHC	18.9	336	+iP	03 06	11.0	0.9						
			iS	03 05	24.0	-4.7					PP				03 06	27.0	1.4					
			LN			$M_s = 6.7$	10.0	357			S				03 09	38.0	1.6					
			LE				11.0	203			SS				03 10	03.0	1.8					
			-P	03 04	01.5	-2.1					LN					$M_s = 6.3$	10.0	42.7				
			PMZ			$m_b = 5.7$	1.0	0.30			LE						10.0	41.5				
QZN	12.0	248	PMZ			$m_b = 6.0$	9.0	5.20		BTO	19.3	332	-iP	03 06	16.0	1.1						
			sP	03 04	13.5	2.1				S				03 09	46.0	0.5						
			S	03 05	42.5	-5.7				sS				03 09	52.0	-1.9						
			LE			$M_s = 5.8$	8.0	36.8		SS				03 10	12.0	0.7						
			P	03 04	40.0	-1.9				LN					$M_s = 6.4$	11.0	46.4					
			PMZ			$m_b = 5.9$	9.0	2.28		LE						11.0	63.9					
TIA	12.8	343	S	03 06	55.0	-1.6			LZ					$M_s = 6.2$	14.0	81.6						
			LN			$M_s = 6.4$	16.0	161		LZ					$M_s = 6.4$	11.0	81.4					
			LE				13.0	109		LZH	19.6	312	+iP	03 06	20.0	1.7						
			eP	03 04	52.4	-0.3				PMZ					$m_b = 6.2$	1.5	1.55					
			PMZ			$m_b = 6.7$	8.5	13.3		PMZ					$m_b = 6.7$	10.0	33.2					
			S	03 07	20.4	4.3				pP				03 06	24.0	0.9						
GYA	13.8	284	LN			$M_s = 7.0$	11.0	382		PP			03 06	37.5	2.1							
			LE				12.0	391		S				03 09	52.0	-0.3						
			P	03 05	04.2	-1.3				sS				03 09	59.0	-1.3						
			PMZ			$m_b = 5.8$	1.0	0.18		LE					$M_s = 6.6$	10.0	97.4					
			PMZ				3.0	5.70		CN2	20.0	8	+iP	03 06	24.0	0.3						
			PP	03 05	15.0	-0.9				PMZ					$m_b = 5.4$	1.2	0.20					
DL2	14.9	360	S	03 07	35.8	-3.3			PMZ					$m_b = 6.3$	6.0	7.50						
			LN			$M_s = 7.0$	10.0	288		pP				03 06	30.0	1.1						
			LE				10.0	276		LN					$M_s = 6.7$	15.0	96.0					
			+P	03 05	22.0	1.9				LE						15.0	135					
			PMZ			$m_b = 6.2$	1.4	0.68		MDJ	21.6	16	-P	03 06	39.8	0.0						
			PMZ			$m_b = 6.7$	10.0	14.5		PMZ					$m_b = 6.0$	1.0	0.67					
XAN	15.0	315	S	03 08	06.0	0.2			PMZ					$m_b = 6.1$	7.0	5.67						
			LN			$M_s = 6.5$	14.0	20.5		PP				03 07	04.0	0.5						
			LE				14.0	153		iS				03 10	34.0	-0.3						
			-P	03 05	21.0	-0.2				sS				03 10	40.0	-3.0						
			S	03 08	08.0	0.6				SS				03 11	10.0	0.6						
			LN			$M_s = 6.7$	10.0	120		LN					$M_s = 6.5$	13.0	55.1					
TIY	15.8	332	LE				10.0	170		LE					13.0	63.7						
			eP	03 05	33.2	1.1				LZ					$M_s = 5.6$	15.0	17.7					
			PMZ			$m_b = 6.6$	12.0	30.3		GTA	24.0	315	+iP	03 07	05.0	1.1						
			pP	03 05	39.0	2.4				PMZ					$m_b = 6.5$	8.0	13.6					
			SS	03 08	44.5	-0.9				S				03 11	22.0	4.8						
			LN			$M_s = 6.3$	10.0	62.1		LE					$M_s = 6.7$	11.0	108					
BJI	16.7	345	LZ			$M_s = 6.1$	16.0	87.0		LSA	27.8	289	P	03 07	40.0	1.0						
			+eP	03 05	46.0	2.9			WMQ	34.1	314	+iP	03 08	35.0	0.3							
			PMZ			$m_b = 5.7$	2.0	0.80		PMZ					$m_b = 6.8$	5.0	8.12					
			PMZ			$m_b = 6.6$	10.0	26.5		PP				03 09	50.0	1.9						
			eS	03 08	50.6	2.7				S				03 14	04.0	5.3						
			LN			$M_s = 6.5$	10.0	104		LN					$M_s = 6.1$	12.0	11.3					
KMI	17.2	278	+P	03 05	50.0	-0.1			LE						12.0	10.9						
			PMZ			$m_b = 5.7$	1.5	0.55		LZ					$M_s = 6.6$	15.0	76.6					
			PMZ			$m_b = 6.0$	9.0	6.70		KSH	41.4	303	P	03 09	37.0	0.9						
			sP	03 05	55.0	-3.2				sP				03 09	44.0	-0.4						
			eS	03 09	00.0	-0.8				PP				03 11	18.0	3.7						
			LE			$M_s = 6.5$	7.0	61.8		S				03 15	53.0	3.1						
CD2	17.3	298	+iP	03 05	50.0	-0.9			ScS				03 19	34.0	-3.0							
			S	03 09	01.0	-0.5				LE					$M_s = 7.0$	13.0	107					
			LN			$M_s = 7.1$	10.0	363		DEC 13d 05h 34m $20.3 \pm 0.08s$, SD2.05 / 68												
			+iP	03 06	00.0	1.7				23.85 N $\pm 1.07km$, 121.68 E $\pm 1.09km$, h10 $\pm 0.34km$												
			PMZ			$m_b = 5.6$	1.6	0.45		Taiwan												
			PMZ			$m_b = 6.7$	9.0	30.1		(244)												
SNY	17.9	5	pP	03 06	03.4	0.4																
			sP	03 06	06.0	-0.6					QZH	3.0	292	Pn	05 35	08.0	-0.5					
			PP	03 06	14.3	1.9									Sn	05 35	43.0	-3.7				
			S	03 09	19.0	4.0									SMN		$M_L = 4.5$	1.0	1.95			
			sS	03 09	25.0	1.7									SME			1.0	1.73			
			LN			$M_s = 6.7$	17.0	61.3							LZ		$M_s = 4.7$	10.0	14.0			
			LE				15.0	235							SSE	7.2	357	eP	05 36	07.0	-1.9	
			LZ			$M_s = 6.0$	15.0	58.6										pP	05 36	10.0	-3.4	



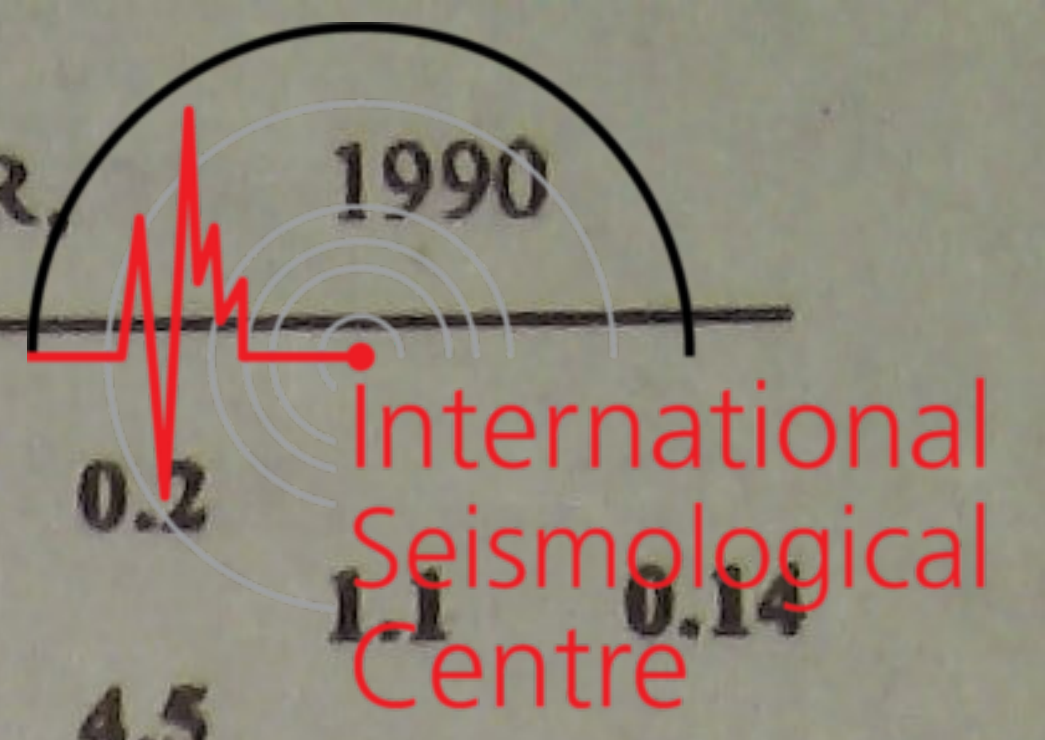
GZH	7.7 266	eS	05 37 29.6	-2.2			sP	05 39 02.5	2.0		
		SMN		$M_L=4.4$	1.0	0.099		PP	05 39 10.0	0.2	
		SME			1.0	0.17		eS	05 42 30.0	1.4	
		LZ		$M_S=4.4$	12.0	3.16		LE	$M_S=4.8$	10.0	1.51
		eP	05 36 13.0	-2.3				LZ	$M_S=4.8$	12.0	2.16
		SMN		$M_L=4.8$	1.0	0.30	CN2	20.1 8	eP	05 38 57.4	-0.4
		SME			1.0	0.34		pP	05 39 03.0	0.2	
NJ2	8.5 344	LN		$M_S=4.5$	8.0	2.01		eS	05 42 42.0	3.1	
		LE			10.0	2.19		LN	$M_S=4.6$	12.0	1.10
		LZ		$M_S=4.4$	10.0	2.29		LE		12.0	0.60
		-P	05 36 24.6	-2.6				LZ	$M_S=4.8$	14.0	3.00
		SMN		$M_L=5.0$	0.8	0.36	GTA	24.1 315	eP	05 39 38.8	0.8
		SME			1.0	0.33		pP	05 39 43.8	0.8	
		LN		$M_S=4.9$	10.0	5.20		S	05 43 54.0	1.9	
WHN	9.3 317	LE			7.5	2.38		sS	05 44 04.0	2.5	
		LZ		$M_S=4.6$	10.0	3.54		LE	$M_S=4.9$	11.0	1.58
		eP	05 36 35.0	-3.0				LZ	$M_S=4.6$	12.0	1.15
		pP	05 36 41.5	-1.3			WMQ	34.2 314	eP	05 41 12.0	3.3
		S	05 38 21.0	-2.8							
		SMN			1.1	0.30					
		SME			1.5	0.40					
QZN	12.0 249	LE		$M_S=4.7$	10.0	3.60					
		LZ		$M_S=4.5$	10.0	2.50					
		eP	05 37 16.0	1.0			QZH	3.0 293	Pn	06 03 42.5	0.0
		eS	05 39 32.0	1.8				Pg	06 03 53.5	5.8	
		LN		$M_S=4.4$	14.0	1.21		Sn	06 04 17.0	-3.9	
		LE			15.0	1.09		SMN	$M_L=4.2$	1.0	0.99
		P	05 37 39.0	-0.4				SME		1.0	0.79
GYA	13.8 284	S	05 40 11.4	-2.3			SSE	7.3 357	P	06 04 42.0	-1.7
		SMN			1.8	0.60		PMZ	$m_b=4.2$	0.6	0.010
		SME			1.8	0.50		pP	06 04 47.5	-0.9	
		LN		$M_S=5.0$	9.0	1.20		eS	06 06 06.5	-1.1	
		LE			9.0	3.10		SMN	$M_L=4.2$	1.0	0.090
		LZ		$M_S=4.6$	10.0	2.10		SME		1.0	0.092
		P	05 38 00.5	5.0			NJ2	8.6 344	-P	06 04 59.5	-2.5
XAN	15.1 315	S	05 40 47.5	4.6			PMZ	$m_b=5.2$	0.8	0.088	
		LN		$M_S=4.8$	7.0	1.00		SMN	$M_L=4.9$	1.0	0.19
		LE			10.0	1.90		SME		0.8	0.26
		eP	05 38 10.0	3.4				LN	$M_S=4.4$	9.0	1.46
		LN		$M_S=4.8$	11.0	2.53		LE		7.0	0.50
		LZ		$M_S=4.7$	12.0	2.29		LZ	$M_S=4.0$	11.0	0.93
		eP	05 38 22.0	4.5			WHN	9.4 318	P	06 05 17.0	4.5
KMI	17.3 278	PMZ		$m_b=4.8$	2.0	0.083		SMN		1.5	0.40
		LN		$M_S=4.6$	10.0	1.34		SME		1.2	0.10
		-P	05 38 27.5	3.6				LN	$M_S=4.4$	8.0	0.92
		pP	05 38 31.0	2.8				LE		8.0	1.00
		sP	05 38 34.0	2.3				LZ	$M_S=4.0$	10.0	0.80
		S	05 41 40.0	5.9			GYA	13.9 284	P	06 06 12.4	-0.8
		LN		$M_S=4.9$	7.0	0.80		S	06 08 44.0	-3.6	
CD2	17.4 298	LE			9.0	2.00		LN	$M_S=4.4$	9.0	0.60
		eP	05 38 25.0	-0.1				LE		9.0	0.80
		eS	05 41 40.0	2.7				LZ	$M_S=4.2$	10.0	0.80
		LE		$M_S=5.0$	9.0	2.87	HHC	19.0 336	eP	06 07 23.0	3.9
		LZ		$M_S=5.5$	8.0	9.00	BTO	19.4 332	eP	06 07 26.0	2.3
		+P	05 38 30.0	-2.6				eS	06 11 00.5	3.2	
		PMZ		$m_b=4.9$	10.0	0.51		LN	$M_S=4.5$	10.0	0.70
SNY	18.0 5	LZ		$M_S=4.8$	12.0	2.60		LE		10.0	0.50
		P	05 38 47.0	2.4				LZ	$M_S=4.9$	10.0	2.40
		eS	05 42 16.0	3.0			MDJ	21.8 15	eP	06 07 51.0	2.7
		LZ		$M_S=4.5$	14.0	1.42	GTA	24.2 315	eP	06 08 15.8	3.7
		eP	05 38 49.5	0.3							
		eS	05 42 22.5	0.5							
		LN		$M_S=5.0$	11.0	2.40					
BTO	19.4 332	LE			11.0	1.80					
		LZ		$M_S=4.8$	11.0	2.10					
		eP	05 38 53.5	1.0			QZH	3.1 294	Pn	06 29 05.0	0.4
		PMZ		$m_b=4.6$	2.0	0.054		Sn	06 29 40.0	-4.0	
		PMZ		$m_b=4.9$	7.0	0.35		SMN	$M_L=3.9$	1.0	0.39
LZH	19.6 312										

DEC 13d 06h 02m 54.0 ± 0.09s, SD2.34 / 37
 23.76 N ± 1.33km, 121.67 E ± 1.18km, h10 ± 0.48km
 Taiwan (244)
 M_S 4.4 / 7, M_L 4.3 / 10, m_b 4.4 / 6

DEC 13d 06h 28m 14.9 ± 0.07s, SD2.25 / 20
 23.70 N ± 1.42km, 121.73 E ± 1.29km, h10 ± 1.04km
 Taiwan (244)
 M_S 4.0 / 4, M_L 4.0 / 9, m_b 4.3 / 4



SSE	7.4	356	SME			1.0	0.40	QZN	12.0	249	eP	08 40 25.4	2.6			
			eP	06 30 04.5	-1.2						eS	08 42 37.0	-1.1			
			eS	06 31 35.0	4.7						LN			13.0	1.33	
			SMN		$M_L=3.9$	1.0	0.025				LE			16.0	1.46	
			SME			1.0	0.066	GYA	13.9	284	P	08 40 46.8	-0.8			
			LZ		$M_S=3.6$	10.0	0.46				pP	08 40 52.0	0.4			
NJ2	8.7	344	-P	06 30 22.5	-1.6						S	08 43 19.0	-3.2			
			S	06 31 56.5	-6.6						SMN			1.8	1.80	
			SMN		$M_L=4.6$	1.0	0.13				SME			1.8	0.90	
			SME			1.0	0.11				LN		$M_S=5.1$	9.0	4.40	
WHN	9.5	318	eP	06 30 37.5	2.8						LE			9.0	1.50	
			LE		$M_S=4.0$	8.0	0.60	XAN	15.1	315	P	08 41 04.0	0.1			
			P	06 31 34.8	-0.4						LN		$M_S=5.1$	7.0	2.20	
GYA	13.9	285	pP	06 31 42.0	2.5						LE			10.0	3.90	
			S	06 34 14.0	3.6						TIY	16.0	332	eP	08 41 15.9	1.0
			SMN			1.8	0.20				S	08 44 18.0	6.3			
			SME			1.8	0.10				LN		$M_S=5.2$	9.0	5.03	
			LN		$M_S=4.0$	10.0	0.20				LZ		$M_S=5.0$	10.0	4.31	
			LE			10.0	0.30	BJI	16.8	345	eP	08 41 28.5	2.6			
TIY	16.1	332	eP	06 32 08.0	4.8						PMZ		$m_b=4.4$	1.0	0.018	
			LN		$M_S=4.1$	10.0	0.41				LN		$M_S=4.8$	9.0	1.80	
			LZ		$M_S=3.9$	14.0	0.48	KMI	17.3	278	-P	08 41 36.5	4.5			
LZH	19.8	313	eP	06 32 46.0	-2.7						pP	08 41 40.0	3.9			
			PMZ		$m_b=4.3$	2.0	0.025				LN		$M_S=5.3$	9.0	2.40	
											LE			9.0	5.10	
											LZ		$M_S=5.4$	8.0	6.90	
DEC 13d 08h 37m 28.0±0.04s, SD1.54 / 102																
23.81 N±0.73km, 121.69 E±0.72km, h8±0.20km																
Taiwan (244)																
$M_S5.1/35, M_L5.0/8, m_b5.3/2,$																
QZH	3.0	292	Pn	08 38 16.5	-0.2						CD2	17.4	298	eP	08 41 33.2	-0.1
			Pg	08 38 26.0	4.3						eS	08 44 48.0	2.1			
			Sn	08 38 52.0	-3.3						LN		$M_S=5.5$	8.0	7.03	
			SMN		$M_L=4.6$	1.0	2.51				LZ		$M_S=5.6$	10.0	16.4	
			SME			1.0	2.00	SNY	18.0	5	eP	08 41 42.8	1.8			
			LZ		$M_S=5.1$	10.0	31.8				sP	08 41 49.0	0.2			
SSE	7.3	357	P	08 39 16.0	-1.3						sS	08 45 08.0	1.1			
			PMZ		$m_b=4.3$	0.5	0.010	HHC	19.0	336	LN		$M_S=4.9$	10.5	1.77	
			pP	08 39 19.0	-2.6						LE			8.5	1.00	
			sP	08 39 21.0	-3.6						LZ		$M_S=4.9$	12.0	3.02	
			S	08 40 37.5	-3.1						P	08 41 54.8	1.9			
			SMN		$M_L=5.0$	1.2	0.70				S	08 45 21.3	0.4			
			SME			1.0	0.46	BTO	19.4	332	LN		$M_S=5.0$	9.0	2.10	
			LN		$M_S=4.7$	10.0	4.52				LE			10.0	0.77	
			LE			10.0	1.84				LZ		$M_S=4.7$	12.0	1.78	
			LZ		$M_S=4.6$	12.0	4.51	LZH	19.7	313	LN		$M_S=5.4$	10.0	5.10	
GZH	7.7	266	P	08 39 21.8	-1.5						LE			10.0	3.50	
			SMN		$M_L=5.2$	1.0	0.90				eP	08 42 01.0	0.2			
			SME			1.0	0.57				PMZ		$m_b=4.7$	1.5	0.057	
			LN		$M_S=4.9$	9.0	5.60				PMZ		$m_b=5.3$	6.0	0.78	
			LE			11.0	4.10				pP	08 42 07.0	1.8			
			LZ		$M_S=4.7$	10.0	4.86				sP	08 42 09.0	0.5			
NJ2	8.6	344	+P	08 39 33.5	-2.1						PP	08 42 19.0	0.8			
			PMZ		$m_b=5.1$	1.0	0.094				eS	08 45 36.0	-1.4			
			pP	08 39 43.5	3.4						sS	08 45 44.0	0.2			
			S	08 41 08.0	-5.4						LE		$M_S=5.0$	10.0	2.60	
			SMN		$M_L=5.2$	1.0	0.50	CN2	20.2	8	LZ		$M_S=5.1$	12.0	4.32	
			SME			1.2	0.63				eP	08 42 06.4	0.3			
			LN		$M_S=5.2$	9.0	9.00				pP	08 42 12.0	1.1			
			LE			8.0	4.90				eS	08 45 50.0	2.3			
			LZ		$M_S=4.8$	10.0	5.79				LN		$M_S=4.7$	10.0	1.10	
WHN	9.4	317	eP	08 39 43.5	-2.9						LE			10.0	0.80	
			pP	08 39 46.0	-4.9						LZ		$M_S=5.0$	12.0	3.40	
			eS	08 41 31.0	-1.9						eP	08 42 21.7	-0.4			
			SMN			1.2	1.30	MDJ	21.7	15	PP	08 42 49.0	2.8			
			SME			1.2	0.60				eS	08 46 16.0	-1.9			
			LN		$M_S=5.1$	9.0	6.30				LN		$M_S=4.7$	11.0	0.94	
			LE			9.0	6.50				LE			11.0	0.65	
			LZ		$M_S=4.8$	10.0	5.10	GTA	24.2	315	LZ		$M_S=4.6$	12.0	1.36	
											eP	08 42 47.2	1.0			



		PMZ	$m_b = 5.2$	6.0	0.56
		S	08 47 04.0	3.2	
		LE	$M_s = 5.1$	10.0	2.48
		LZ	$M_s = 5.0$	12.0	2.71
LSA	27.8 289	eP	08 43 22.0	1.1	
WMQ	34.2 314	eP	08 44 18.5	1.6	
		PP	08 45 34.0	3.2	

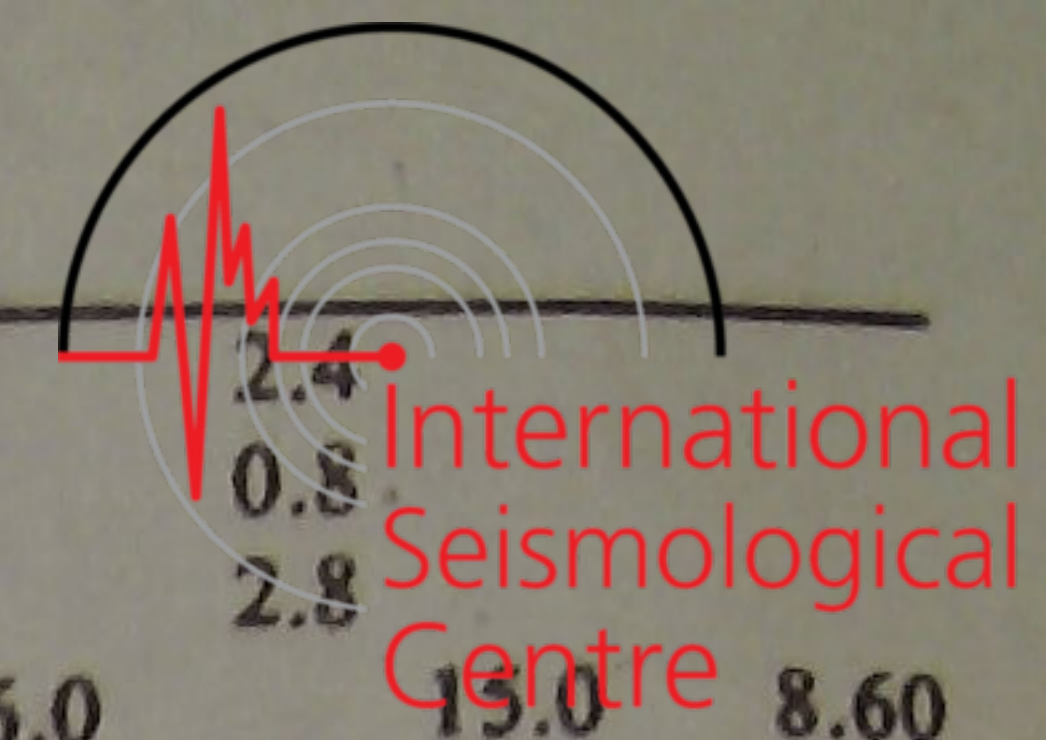
			$M_s 5.8 / 55, m_b 6.0 / 34, m_b 5.9 / 84$				
		QZN	22.6 323	P	12 31 40.0	0.2	
				PMZ	$m_b = 5.3$	1.1	0.14
				pP	12 31 53.0	4.5	
				PP	12 32 09.0	1.2	
				eS	12 35 45.0	4.2	
				LN	$M_s = 5.9$	15.5	22.3
				LE		15.0	10.3

DEC 13d 10h 13m $19.0 \pm 0.05s$, SD1.93 / 116
 35.48 N $\pm 1.14km$, 140.81 E $\pm 1.00km$, $h_{20} \pm 0.41km$
 Near east coast of Honshu (228)
 $M_s 4.2 / 8, m_b 4.9 / 30,$

MDJ	12.5 320	eP	10 16 22.5	3.2	
		PMZ	$m_b = 5.1$	1.0	0.041
		pP	10 16 30.0	5.2	
		eS	10 18 40.0	0.7	
		LN	$M_s = 4.2$	12.0	0.47
		LE		12.0	0.65
		LZ	$M_s = 3.9$	25.0	1.03
CN2	14.4 310	eP	10 16 46.8	2.1	
		epP	10 16 53.0	2.7	
		LN	$M_s = 3.9$	13.0	0.30
		LE		13.0	0.30
		LZ	$M_s = 4.2$	15.0	1.20
SNY	14.9 300	eP	10 16 51.4	1.2	
		PMZ	$m_b = 5.0$	0.9	0.029
		sP	10 17 03.4	3.5	
		eS	10 19 35.0	-0.3	
		LE	$M_s = 4.1$	24.0	1.02
		LZ	$M_s = 4.0$	26.0	1.21
DL2	15.7 288	eP	10 17 04.0	3.5	
		eS	10 19 50.0	-4.0	
NJ2	18.6 266	eP	10 17 37.5	0.5	
TIA	19.2 279	eP	10 17 42.4	-2.4	
BJI	20.0 291	eP	10 17 50.5	-2.8	
		PMZ	$m_b = 4.6$	1.5	0.039
WHN	22.7 265	+P	10 18 22.0	1.0	
		PMZ	$m_b = 4.5$	1.0	0.020
		sP	10 18 34.0	2.9	
		S	10 22 24.0	0.9	
		LE	$M_s = 4.1$	12.0	0.30
TIY	22.9 284	eP	10 18 20.0	-2.7	
		S	10 22 23.0	-2.9	
		LE	$M_s = 4.3$	22.0	0.97
		LZ	$M_s = 4.3$	18.0	0.97
HHC	23.6 292	P	10 18 28.2	-1.3	
BTO	24.7 291	eP	10 18 38.0	-2.7	
XAN	26.2 276	P	10 18 53.4	-1.1	
LZH	29.9 282	-P	10 19 27.0	-1.1	
		PMZ	$m_b = 5.0$	2.0	0.054
		pP	10 19 33.0	-2.0	
		LE	$M_s = 4.3$	11.0	0.28
		LZ	$M_s = 4.2$	27.0	0.79
GYA	30.5 262	-P	10 19 32.2	-1.4	
		PMZ	$m_b = 5.2$	1.0	0.040
		pP	10 19 40.2	-0.3	
		S	10 24 30.0	-2.0	
CD2	31.2 272	eP	10 19 38.2	-1.7	
GTA	32.6 289	eP	10 19 50.2	-1.7	
		PMZ	$m_b = 4.7$	0.8	0.010
KMI	34.3 263	-P	10 20 05.5	-0.9	
WMQ	41.1 298	P	10 21 04.5	0.5	
		eS	10 27 15.0	-1.1	
LSA	41.9 277	-P	10 21 12.4	1.8	

DEC 13d 12h 26m $40.7 \pm 0.03s$, SD1.37 / 296
 1.15 N $\pm 0.86km$, 124.07 E $\pm 1.03km$, $h_{32} \pm 0.09km$
 Minahassa Peninsula (Celebes) (265)

GZH	24.2 335	+P	12 31 57.0	1.8	
		PMZ	$m_b = 5.9$	1.0	0.44
		PMZ	$m_b = 6.3$	7.0	7.67
		iS	12 36 15.0	6.4	
		LN	$M_s = 5.9$	16.5	20.5
		LE		12.0	5.43
		LZ	$M_s = 5.8$	16.0	23.4
QZH	24.2 348	+iP	12 31 57.0	1.1	
		PMZ	$m_b = 6.3$	5.0	6.27
		pP	12 32 06.5	1.7	
		sP	12 32 10.5	1.8	
		S	12 36 16.0	6.9	
		sS	12 36 26.0	1.8	
		LN	$M_s = 5.5$	15.0	8.67
		LZ	$M_s = 5.5$	16.0	11.9
SSE	29.9 355	-P	12 32 46.5	-1.6	
		PMZ	$m_b = 5.7$	2.2	0.31
		PMZ	$m_b = 5.9$	6.0	1.22
		sP	12 32 59.0	-2.1	
		PP	12 33 48.0	2.5	
		S	12 37 42.0	0.5	
		SS	12 39 16.0	-2.5	
		LN	$M_s = 5.6$	11.0	1.45
		LE		13.0	5.95
		LZ	$M_s = 5.5$	20.0	9.65
GYA	30.2 328	+iP	12 32 52.0	1.0	
		PMZ	$m_b = 6.0$	1.2	0.30
		pP	12 33 01.0	1.1	
		PP	12 33 48.0	-1.6	
		PcP	12 35 51.0	0.1	
		S	12 37 50.0	3.6	
		ScP	12 39 28.0	-1.4	
		ScS	12 43 26.0	2.3	
		LN	$M_s = 5.8$	14.0	8.80
		LE		14.0	8.00
		LZ	$M_s = 5.6$	18.0	12.7
WHN	30.7 343	+P	12 32 56.5	1.8	
		PMZ	$m_b = 6.0$	1.5	0.41
		PMZ	$m_b = 6.0$	5.0	1.50
		pP	12 33 06.0	2.3	
		S	12 38 00.0	6.8	
		LN	$M_s = 5.9$	16.0	11.9
		LE		16.0	8.40
		LZ	$M_s = 5.6$	18.0	11.5
NJ2	31.1 351	+P	12 32 59.5	0.6	
		PMZ	$m_b = 5.5$	1.5	0.14
		PMZ	$m_b = 6.1$	6.0	2.10
		pP	12 33 11.2	3.3	
		iS	12 38 01.0	-0.5	
		LN	$M_s = 5.6$	15.0	4.84
		LE		9.0	3.48
		LZ	$M_s = 5.3$	20.0	6.41
KMI	31.5 321	+P	12 33 04.0	1.4	
		PMZ	$m_b = 6.0$	2.0	0.50
		PMZ		3.0	1.00
		pP	12 33 14.0	2.8	
		sP	12 33 16.5	1.3	
		iS	12 38 12.0	4.0	
		LN	$M_s = 5.8$	13.0	6.60
		LE		13.0	7.30



CD2	35.3	329	LZ	$M_s = 5.9$	14.0	17.2	PP	12 36 06.0	2.4	0.8	2.8	15.0	8.60															
			+iP	12 33 36.0	0.8	SS								12 43 39.0	M _s = 6.0	13.0	5.00											
			PMZ	$m_b = 6.5$	1.6													1.39										
			S	12 39 08.0	2.4																							
TIA	35.5	350	LN	$M_s = 5.8$	14.0	9.66	LE	12 34 35.0	1.4	-2.3	10.0	2.35																
			LZ	$M_s = 5.8$	18.0	15.8							SMN	12 34 40.0	M _s = 5.1	15.0	1.28											
			-P	12 33 36.0	-0.6	5.0												1.40										
			PMZ	$m_b = 6.0$	5.0	1.40																						
XAN	35.7	338	pP	12 33 46.0	0.3	CN2	42.5	1	+P	12 34 33.0	-2.0	7.0	1.00															
			S	12 39 11.2	3.0									PMZ	12 41 01.0	6.1	15.0	1.00										
			LE	$M_s = 5.5$	13.0														4.50									
			LZ	$M_s = 5.4$	22.0														6.70									
DL2	37.6	357	+iP	12 33 54.0	-0.8	MDJ	43.6	6	+P	12 34 45.6	1.9	1.5	0.13															
			PMZ	$m_b = 6.1$	1.6									0.50	PMZ	12 34 55.0	-1.8	12 36 28.0	1.0									
			PMZ	$m_b = 6.0$	6.0									1.43						eS	12 41 10.0	-0.6	12 41 28.0	2.3				
			S	12 39 44.0	2.5									LN											M _s = 5.5	16.0	2.42	
LN	$M_s = 5.7$	28.0	7.40	LE	16.0	2.44	LZ	M _s = 5.4	22.0	5.32																		
TIY	37.9	345	+iP								12 33 57.0	-0.4	GTA	44.0	333	+iP	12 34 48.4	0.6	3.5	2.13								
			PMZ	$m_b = 5.8$	1.4	0.21	pP	12 34 58.8	1.9	12 35 01.0	0.2																	
			S	12 39 50.0	4.2	PP						12 36 29.0									-2.9	12 41 16.0	-0.7					
			LN	$M_s = 5.8$	14.0																			8.60	sS	12 41 34.0	1.1	12 44 26.0
LZ	$M_s = 5.7$	18.0	9.73	LE	M _s = 6.0	15.0	9.32	LZ	M _s = 6.0	16.0	13.4																	
BJI	39.4	350	+eP									12 34 08.5	-0.7	WMQ	53.4	328	-iP	12 36 00.0	0.1	16.0	8.78							
			PMZ	$m_b = 6.1$	1.8	0.62	pP	12 36 13.0	3.9	12 38 04.5	3.4																	
			PMZ	$m_b = 6.3$	6.0	2.73						S	12 43 32.0									4.7	LN	M _s = 6.1	16.0	8.78		
			PP	12 35 41.0	-2.9	LZ																					M _s = 5.6	20.0
eS	12 40 10.0	1.4	KSH	58.1	317		+P	12 36 34.0	0.1	12 36 44.0	0.9	12 38 44.0	0.5															
LN	$M_s = 5.6$	16.0				4.77								S	12 44 31.0	1.0	12 44 31.0	1.0	14.0	15.0								
LZ	$M_s = 5.5$	20.0	7.46	LE	M _s = 6.4	14.0	15.0																					
LZH	39.5	334	+iP					12 34 12.0	1.5	DEC 13d 12h 41m 02.3 ± 0.03s, SD1.04 / 54	1.08 N ± 0.63km, 124.02 E ± 0.80km, h32 ± 0.04km	Minahassa Peninsula (Celebes)	(265)	m _b 5.2 / 14,	QZN	22.6	323	eP	12 46 02.8	1.1								
			PMZ	$m_b = 6.6$	1.2	1.16	GYA	30.3	328												P	12 47 13.4	0.5					
			PMZ	$m_b = 6.4$	5.0	2.92																		pP	12 47 20.0	-1.9	12 47 17.5	0.7
			pP	12 34 21.0	1.5	WHN																						
sP	12 34 23.0	-0.5	CD2	35.3	329		+iP	12 47 56.8	-0.3	PMZ	$m_b = 5.0$	1.0	0.030															
PP	12 35 48.0	2.7				TIY								38.0	345	eP	12 48 19.0	-0.4	pP	12 47 25.0	-0.8	12 47 25.0	-0.8					
S	12 40 11.0	1.3	BJI	39.4	351		eP	12 48 31.0	-0.3	PMZ	$m_b = 5.3$	0.8	0.040															
sS	12 40 26.0	0.3				LZH								39.5	334	eP	12 48 33.3	0.8	PMZ	$m_b = 5.0$	1.5	0.039						
SS	12 43 00.0	2.3	GTA	44.1	333		+P	12 49 09.8	0.0	pP	12 49 17.8	-1.1	12 48 40.8										-4.7					
LN	$M_s = 6.0$	14.0				9.03								WMQ	53.4	328	P	12 50 21.5	-0.3									
LE	14.0	7.85	SNY	40.5	359	+iP	12 34 17.5	-1.1	PMZ	$m_b = 5.6$	1.6	0.15																
LZ	$M_s = 5.9$	19.0											15.5	PMZ	$m_b = 5.8$	9.0	1.53											
HHC	41.1	346	P	12 34 23.5	-0.3	CD2	35.3	329	+iP	12 47 56.8	-0.3	0.8	0.040															
			PMZ	$m_b = 6.0$	1.7									0.37	TIY	38.0	345	eP	12 48 19.0	-0.4								
			sP	12 34 38.0	1.2									BJI							39.4	351	eP	12 48 31.0	-0.3			
			PP	12 36 05.0	3.2																					LZH	39.5	334
LN	$M_s = 5.7$	16.0	3.13	PMZ	$m_b = 5.5$	1.2	0.098																					
LE	15.0	4.58	BTO					41.3	344	+iP	12 34 25.0	-0.2	sP	12 34 37.0	-1.2													
LZ	$M_s = 5.6$	20.0		7.48																								
BTO	41.3	344	+iP	12 34 25.0	-0.2	GTA	44.1	333	+P	12 49 09.8	0.0	12 49 17.8	-1.1															
			PMZ	$m_b = 6.0$	6.0									1.50	WMQ	53.4	328	P	12 50 21.5	-0.3								
sP	12 34 37.0	-1.2																										



DEC 13d 13h 00m $06.2 \pm 0.04s$, SD1.42 / 25
 $0.99 N \pm 0.85km$, $123.92 E \pm 1.27km$, $h33 \pm 0.04km$
 Minahasa Peninsula (Celebes) (265)
 $m_b 5.2 / 3$

WHN	30.8	344	eP	13 06 21.5	0.4		
TIY	38.0	345	-P	13 07 23.9	0.1		
LZH	39.6	334	eP	13 07 37.0	0.4		
			PMZ	$m_b = 5.2$		1.5	0.062
			pP	13 07 43.0	-2.7		

DEC 13d 16h 06m $44.7 \pm 0.05s$, SD2.01 / 20
 $39.80 N \pm 0.41km$, $113.76 E \pm 0.47km$, $h15 \pm 0.11km$
 North-Eastern China (658)
 $M_L 3.5 / 13$

BJI	1.9	82	ePn	16 07 16.0	-0.6		
			Pg	16 07 17.0	-0.8		
			Sg	16 07 42.5	-1.0		
			SMN	$M_L = 3.0$		0.5	0.082
			SME			0.5	0.17
HHC	2.0	303	Pn	16 07 18.2	0.0		
			Pg	16 07 19.7	0.1		
			Sg	16 07 47.2	0.5		
			SMN	$M_L = 3.6$		0.8	0.44
			SME			0.8	0.62
TIY	2.3	207	Pn	16 07 23.7	0.7		
			iPg	16 07 26.1	0.2		
			Sn	16 07 53.4	0.3		
			Sg	16 07 56.5	-1.3		
			SMN	$M_L = 3.7$		0.8	0.49
			SME			0.8	0.56
BTO	3.0	287	Pg	16 07 37.0	-0.4		
			Sg	16 08 15.8	-2.1		
			SMN	$M_L = 3.5$		0.6	0.20
			SME			0.6	0.20
TIA	4.5	142	ePg	16 08 04.2	0.6		
			SMN	$M_L = 2.9$		0.4	0.015
			SME			0.4	0.020
NJ2	8.8	150	-P	16 08 54.2	0.1		
			sP	16 09 02.9	0.2		
WHN	9.3	177	eP	16 09 05.0	4.2		
			S	16 10 49.0	3.6		
			SMN			1.5	0.33
GYA	14.6	206	P	16 10 08.0	-4.6		
			SMN			1.8	0.30
			SME			1.8	0.20

DEC 13d 16h 06m $48.0 \pm 0.07s$, SD2.31 / 33
 $23.81 N \pm 0.94km$, $121.66 E \pm 1.00km$, $h12 \pm 0.31km$
 Taiwan (244)
 $M_S 4.6 / 13$, $M_L 4.3 / 8$, $m_b 4.2 / 4$

QZH	3.0	293	Pn	16 07 36.6	0.6		
			Sn	16 08 10.5	-3.5		
			SMN	$M_L = 4.1$		1.0	0.82
			SME			1.0	0.61
			LZ	$M_S = 4.7$		8.0	9.15
SSE	7.3	357	eP	16 08 34.0	-2.8		
			SMN	$M_L = 4.2$		1.0	0.037
			SME			1.0	0.14
			LN	$M_S = 4.3$		10.0	2.04
			LE			9.0	0.71
			LZ	$M_S = 4.3$		11.0	2.30
GZH	7.7	266	P	16 08 39.1	-3.4		
NJ2	8.6	344	-P	16 08 54.2	-0.9		
			sP	16 09 02.9	-0.1		
			SMN	$M_L = 4.7$		1.2	0.12
			SME			1.1	0.20
			LN	$M_S = 4.7$		9.0	2.93

			LE				
			LZ	$M_S = 4.4$		10.0	1.35
WHN	9.3	317	eP	16 09 05.0	-0.7		
			S	16 10 49.0	-2.6		
			SMN			1.5	0.33
			LN	$M_S = 4.6$		10.0	1.70
			LE			10.0	2.70
			LZ	$M_S = 4.4$		10.0	1.90
QZN	12.0	249	eP	16 09 42.5	0.5		
			eS	16 11 58.0	1.2		
			LN	$M_S = 4.0$		13.0	0.68
GYA	13.8	284	P	16 10 08.0	1.2		
			S	16 12 43.0	2.2		
			SMN			1.8	0.30
			SME			1.8	0.20
			LN	$M_S = 4.7$		9.0	0.70
			LE			9.0	1.80
			LZ	$M_S = 4.6$		10.0	1.80
XAN	15.1	315	P	16 10 22.5	-0.7		
			S	16 13 10.0	-0.6		
			LN	$M_S = 4.7$		8.0	1.10
			LE			11.0	1.40
CD2	17.4	298	eP	16 10 55.0	2.5		
			LE	$M_S = 4.7$		9.0	1.40
LZH	19.7	313	eP	16 11 18.5	-1.5		
			PMZ	$m_b = 4.2$		1.5	0.017
			PP	16 11 32.5	-4.9		
			LN	$M_S = 4.7$		9.0	0.69
			LE			10.0	1.04
			LZ	$M_S = 4.7$		12.0	1.74
GTA	24.2	315	eP	16 12 10.4	4.9		
			LE	$M_S = 4.7$		10.0	0.89
			LZ	$M_S = 4.7$		10.0	1.28

DEC 13d 17h 28m $40.2 \pm 0.05s$, SD1.59 / 62
 $23.83 N \pm 0.76km$, $121.84 E \pm 0.80km$, $h9 \pm 0.26km$
 Taiwan (244)
 $M_S 4.3 / 16$, $M_L 4.5 / 11$, $m_b 4.3 / 11$

QZH	3.2	291	Pn	17 29 30.0	-0.5		
			Sn	17 30 05.2	-5.1		
			SMN	$M_L = 4.5$		1.4	2.37
			SME			1.3	1.40
			LE	$M_S = 4.5$		8.0	8.62
			LZ	$M_S = 4.5$		8.0	5.64
SSE	7.3	356	P	17 30 28.0	-1.3		
			pP	17 30 30.5	-3.3		
			SMN	$M_L = 4.5$		1.2	0.17
			SME			1.0	0.17
			LN	$M_S = 3.8$		10.0	0.72
			LZ	$M_S = 3.9$		10.0	0.76
GZH	7.8	266	-P	17 30 36.0	-1.3		
			SMN	$M_L = 4.6$		1.0	0.24
			SME			1.0	0.14
NJ2	8.6	343	+P	17 30 46.6	-1.5		
			PMZ	$m_b = 5.0$		1.0	0.070
			SMN	$M_L = 4.3$		1.0	0.041
			SME			1.0	0.082
			LN	$M_S = 4.4$		9.0	1.38
			LE			7.0	0.66
			LZ	$M_S = 4.0$		9.0	0.88
WHN	9.4	317	eP	17 30 58.5	-1.1		
			sP	17 31 04.5	-2.5		
			eS	17 32 44.0	-3.0		
			SMN			1.2	0.30
			SME			1.2	0.10
			LN	$M_S = 4.4$		8.0	1.40
QZN	12.1	249	eP	17 31 39.0	2.3		
			eS	17 33 50.5	-2.9		

LZH	19.7	313	+iP	19 54 51.0	1.2		
			PMZ	$m_b = 6.9$		10.0	54.1
			pP	19 54 55.5	1.2		
			PP	19 55 09.5	2.3		
			S	19 58 27.0	1.7		
			sS	19 58 34.0	1.2		
			LE	$M_s = 7.2$		10.0	406
CN2	20.2	8	+iP	19 54 55.0	-0.8		
			PMZ	$m_b = 5.5$		1.0	0.20
			PMZ	$m_b = 6.5$		6.0	12.0
			pP	19 55 02.0	1.3		
			eS	19 58 42.0	4.0		
			LN	$M_s = 7.1$		10.0	187
			LE			10.0	246
MDJ	21.8	15	eP	19 55 13.0	1.2		
			PMZ	$m_b = 5.7$		1.0	0.36
			PMZ	$m_b = 5.9$		7.0	3.40
			pP	19 55 17.0	0.1		
			sP	19 55 20.0	0.1		
			PP	19 55 38.0	1.9		
			iS	19 59 08.0	-0.2		
			LN	$M_s = 7.0$		14.0	275
			LE			12.0	130
			LZ	$M_s = 6.6$		12.0	131
GTA	24.2	315	+P	19 55 36.6	1.3		
			PMZ	$m_b = 6.3$		8.0	9.75
			PP	19 56 12.0	2.9		
			S	19 59 52.0	2.2		
			sS	20 00 04.0	5.1		
			SS	20 00 46.0	4.6		
			LE	$M_s = 6.8$		10.0	126
			LZ	$M_s = 6.9$		10.0	200
LSA	27.8	289	+P	19 56 10.6	1.0		
			SME			14.0	67.8
			LE	$M_s = 6.6$		10.0	57.9
WMQ	34.2	314	P	19 57 06.2	0.3		
			pP	19 57 16.0	4.9		
			PP	19 58 16.5	-3.3		
			PPMZ			7.0	12.5
			S	20 02 35.5	4.4		
			SMN			12.0	9.84
			LN	$M_s = 7.5$		12.0	264
			LE			12.0	275
KSH	41.5	303	+iP	19 58 08.0	1.0		
			pP	19 58 15.0	2.8		
			PP	19 59 47.0	1.3		
			S	20 04 25.0	3.3		
			ScS	20 08 08.0	0.0		
			LE	$M_s = 7.0$		8.0	56.6

DEC 13d 20h 04m $46.6 \pm 0.06s$, SD1.48 / 20
 $23.78 N \pm 0.50km$, $121.77 E \pm 0.81km$, $h7 \pm 0.36km$
 Taiwan (244)
 $m_b 4.5 / 5$,

NJ2	8.6	343	+P	20 06 55.5	0.4		
			S	20 08 29.0	-4.5		
MDJ	21.7	15	eP	20 09 40.5	-0.4		

DEC 13d 20h 16m $21.3 \pm 0.05s$, SD1.76 / 30
 $23.90 N \pm 0.89km$, $121.77 E \pm 0.77km$, $h11 \pm 0.33km$
 Taiwan (244)
 $M_s 5.1 / 1$, $M_L 5.0 / 5$, $m_b 4.7 / 4$

QZH	3.1	290	Pn	20 17 09.8	-0.3		
			Sn	20 17 44.5	-4.4		
			SMN	$M_L = 4.6$		1.1	2.86
			SME			1.1	1.83
			LE	$M_s = 5.1$		10.0	41.4
SSE	7.2	356	eP	20 18 09.5	0.5		

			pP	20 18 11.2	-2.7		
			S	20 19 28.5	-2.7		
			SMN	$M_L = 5.0$		1.2	0.55
			SME			1.0	0.61
NJ2	8.5	343	-P	20 18 26.0	-1.7		
			PMZ	$m_b = 5.5$		0.8	0.16
			S	20 19 59.4	-5.1		
			SMN	$M_L = 5.3$		1.0	0.58
			SME			1.4	0.81
CD2	17.4	298	eP	20 20 30.6	4.2		
MDJ	21.6	15	eP	20 21 14.5	0.7		
WMQ	34.2	314	P	20 23 12.8	3.2		

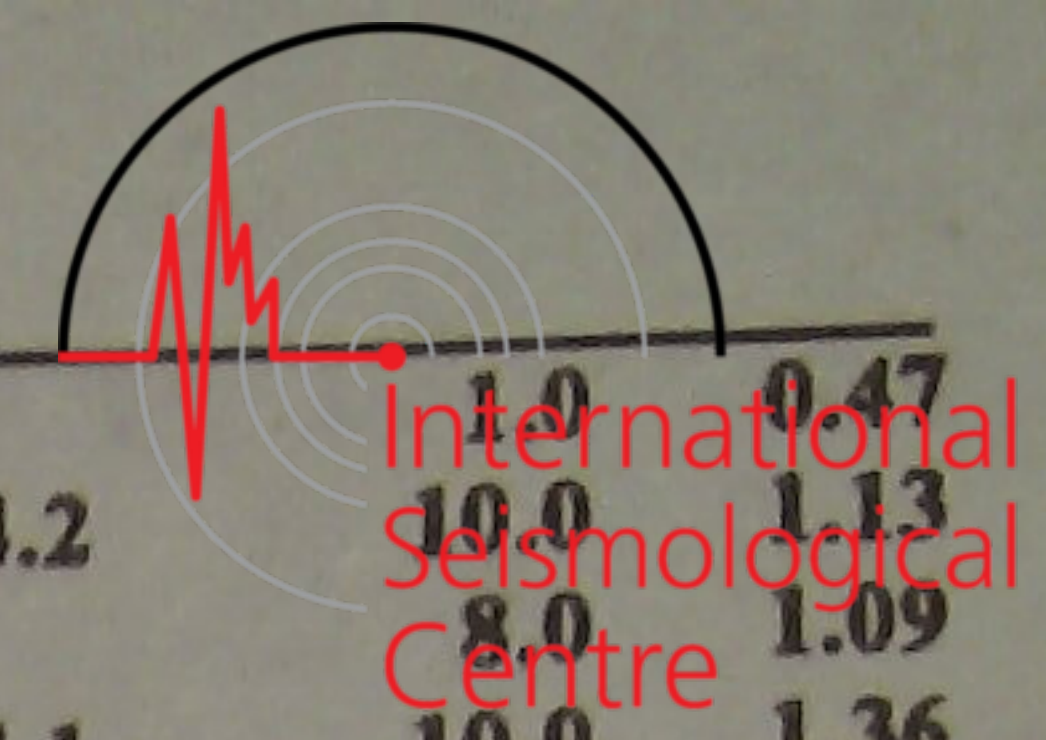
DEC 13d 20h 21m $09.3 \pm 0.21s$, SD1.99 / 31
 $24.20 N \pm 1.73km$, $121.69 E \pm 1.59km$, $h5 \pm km$
 Taiwan (244)

QZH	2.9	285	Pn	20 21 54.0	-2.6		
			Sn	20 22 27.3	-6.7		
			LE			8.0	29.0
SSE	6.9	356	eP	20 22 52.8	-0.7		
			pP	20 22 55.0	-2.3		
			eS	20 24 11.5	-1.5		
			SMN	$M_L = 4.5$		1.0	0.19
			SME			1.0	0.24
NJ2	8.2	343	+P	20 23 12.8	0.7		
			PMZ	$m_b = 5.3$		0.8	0.13
			sP	20 23 20.0	1.2		
			S	20 24 46.0	-0.1		
			SMN	$M_L = 5.0$		1.0	0.29
			SME			1.0	0.49
WHN	9.1	316	eP	20 23 26.0	1.8		
			eS	20 25 07.5	-0.3		
			SMN			1.0	0.23
			SME			1.2	0.44
			LZ	$M_s = 5.0$		12.0	9.00
QZN	12.2	247	eP	20 24 08.6	2.2		
KMI	17.2	277	+P	20 25 15.5	2.5		
			pP	20 25 19.5	2.9		
			sP	20 25 23.0	2.9		
SNY	17.6	5	+P	20 25 19.8	1.9		
LZH	19.4	312	eP	20 25 43.4	3.9		
			PMZ	$m_b = 4.5$		1.2	0.026
CN2	19.8	8	eP	20 25 43.6	-0.1		
LSA	27.7	288	P	20 27 03.0	1.5		

DEC 13d 20h 28m $07.7 \pm 0.04s$, SD1.61 / 124
 $23.82 N \pm 0.80km$, $121.75 E \pm 0.88km$, $h3 \pm 0.18km$
 Taiwan (244)
 $M_s 5.9 / 15$, $M_L 5.7 / 2$, $m_b 5.8 / 1$,

QZH	3.1	292	Pn	20 28 57.5	0.0		
			Sn	20 29 32.7	-4.2		
			LE	$M_s = 5.8$		8.0	162
			LZ	$M_s = 5.9$		10.0	191
SSE	7.3	356	P	20 29 55.5	-1.9		
			PMZ	$m_b = 4.4$		0.7	0.022
			pP	20 29 57.5	-3.5		
			sP	20 30 01.7	-2.2		
			S	20 31 17.0	-4.0		
			SMN	$M_L = 5.5$		1.4	1.81
			SME			1.4	2.38
			LN	$M_s = 5.4$		8.0	16.9
			LE			8.0	13.1
			LZ	$M_s = 5.3$		10.0	20.5
NJ2	8.6	343	+P	20 30 14.0	-1.9		
			PMZ	$m_b = 5.8$		1.0	0.48
			pP	20 30 18.5	-1.1		
			LZ	$M_s = 5.5$		10.0	28.1

	SMN		$M_L=4.5$	1.0	0.11		sP	21 07 42.0	4.9		
	SME			1.0	0.11		eS	21 09 21.5	3.4		
DEC 13d 21h 00m 05.1 ± 0.06s, SD1.94 / 73							SMN		2.0	2.16	
23.82 N ± 0.93km, 121.77 E ± 0.89km, h10 ± 0.26km							SME		1.5	0.40	
Taiwan (244)							LZ	$M_S=5.0$	10.0	7.00	
$M_S5.5/15, M_L5.2/6, m_B5.6/1,$							SNY	18.2 4	eP	21 09 27.4	4.1
SSE	7.3 356	eP	21 01 51.5	-2.6		HHC	19.2 336	eP	21 09 38.4	2.7	
		S	21 03 14.0	-3.3		MDJ	21.8 15	eP	21 10 06.0	2.2	
		SMN	$M_L=5.2$	1.4	1.07	WMQ	34.4 314	eP	21 12 02.5	3.3	
		SME		1.2	0.89			PP	21 13 16.5	2.6	
		LN	$M_S=5.1$	10.0	14.9	DEC 13d 21h 10m 31.7 ± 0.22s, SD2.61 / 8					
		LZ	$M_S=5.1$	12.0	15.3	23.25 N ± 1.72km, 121.93 E ± 1.18km, h10 ± km					
NJ2	8.6 343	+P	21 02 10.2	-2.5		Taiwan region (243)					
		SMN	$M_L=5.5$	1.0	0.87	$M_S4.3/2, M_L4.3/7, m_B5.1/1$					
		SME		1.0	1.08	QZH	3.5 300	Pg	21 11 34.5	1.2	
		LN	$M_S=5.6$	8.5	27.4			SMN	$M_L=4.4$	1.2	1.45
		LE		9.0	12.7			SME		1.1	0.65
		LZ	$M_S=5.3$	10.0	18.0			LE	$M_S=4.5$	10.0	8.60
WHN	9.4 317	eP	21 02 21.0	-2.9		DEC 13d 21h 30m 30.8 ± 0.04s, SD1.65 / 119					
		pP	21 02 24.0	-4.7		23.86 N ± 0.86km, 121.72 E ± 0.73km, h11 ± 0.24km					
		S	21 04 06.0	-4.6		Taiwan (244)					
		SMN		1.0	0.80	$M_S5.1/16, M_L5.2/4, m_B5.5/1,$					
		SME		1.0	0.60	QZH	3.0 291	Pn	21 31 19.5	0.1	
		LN	$M_S=5.3$	9.0	12.9			Sn	21 31 55.0	-2.8	
		LZ	$M_S=5.3$	10.0	15.2			LE	$M_S=5.2$	8.0	43.0
QZN	12.1 249	eP	21 03 02.4	1.7				LZ	$M_S=5.3$	8.0	36.6
		eS	21 05 20.0	3.3		SSE	7.2 356	P	21 32 17.5	-1.7	
		LN	$M_S=5.1$	13.0	5.66			PMZ	$m_B=4.4$	0.8	0.020
		LE		10.0	5.01			pP	21 32 20.0	-3.9	
XAN	15.2 315	eP	21 03 43.0	1.6				sP	21 32 23.0	-4.0	
TIY	16.0 332	eP	21 03 53.5	1.3				eS	21 33 39.5	-2.5	
		LN	$M_S=5.7$	10.0	16.5			SMN	$M_L=5.0$	1.0	0.48
		LZ	$M_S=5.3$	14.0	12.4			SME		1.0	0.61
KMI	17.4 278	eP	21 04 12.5	2.7				LN	$M_S=4.7$	10.0	4.52
CD2	17.5 298	eP	21 04 10.0	-1.0				LE		10.0	2.99
HHC	19.0 336	P	21 04 33.2	3.1				LZ	$M_S=4.5$	12.0	3.97
		LN	$M_S=5.3$	9.0	4.61	NJ2	8.5 343	+P	21 32 36.4	-1.3	
		LE		10.0	2.41			PMZ	$m_B=5.6$	0.8	0.24
		LZ	$M_S=5.2$	14.0	6.61			pP	21 32 41.4	-1.1	
BTO	19.4 332	eP	21 04 36.4	1.7				S	21 34 10.0	-4.9	
LZH	19.7 312	eP	21 04 38.5	0.3				SMN	$M_L=5.4$	1.0	0.82
		PMZ	$m_B=4.8$	2.0	0.090			SME		1.0	1.02
		PMZ	$m_B=5.6$	6.0	1.71			LN	$M_S=5.1$	8.0	8.26
		sP	21 04 46.0	-0.2				LE		8.0	3.88
		sS	21 08 25.0	3.0				LZ	$M_S=4.8$	10.0	5.79
		LE	$M_S=5.6$	9.0	8.65	WHN	9.3 317	eP	21 32 47.5	-1.2	
		LZ	$M_S=5.6$	12.0	13.9			pP	21 32 50.0	-3.6	
MDJ	21.7 15	eP	21 04 58.6	-0.1				S	21 34 29.5	-5.2	
		PMZ	$m_B=5.1$	1.5	0.12			SMN		0.9	1.00
LSA	27.9 289	eP	21 06 01.0	2.7				SME		1.2	1.00
WMQ	34.3 314	eP	21 06 53.6	-0.6				LE	$M_S=5.3$	10.0	14.7
DEC 13d 21h 05m 08.8 ± 0.05s, SD1.75 / 32							LZ	$M_S=4.9$	8.0	5.60	
23.68 N ± 0.77km, 121.82 E ± 0.85km, h9 ± 0.22km							QZN	12.1 249	eP	21 33 28.6	2.8
Taiwan (244)									eS	21 35 42.4	1.0
$M_S5.1/5, M_L4.9/5, m_B4.5/7$									LN	$M_S=4.7$	16.5 2.96
QZH	3.2 294	iPn	21 05 58.8	-0.9				LE		17.0	2.94
		Sn	21 06 33.3	-6.7				TIA	12.9 343	eP	21 33 40.8 3.1
		LE	$M_S=5.3$	8.0	48.5			LN	$M_S=5.1$	9.0	4.00
NJ2	8.7 343	+P	21 07 16.8	-1.9				LE		9.0	2.10
		pP	21 07 21.5	-1.8				GYA	13.9 284	P	21 33 49.0 -1.3
		SMN	$M_L=5.1$	1.0	0.28			PMZ	$m_B=5.5$	1.0	0.10
		SME		1.0	0.41			S	21 36 18.0	-6.8	
		LN	$M_S=5.1$	9.0	7.74			SMN		1.8	2.40
		LE		8.0	4.51			SME		1.8	1.40
		LZ	$M_S=4.9$	8.0	6.08			LN	$M_S=5.3$	10.0	2.90
WHN	9.5 317	eP	21 07 32.0	2.4				LE		10.0	7.00



LZH	55.2	322	eP	22 48	53.5	-1.1		
			PMZ		$m_b = 5.5$		1.5	0.085
			PMZ		$m_b = 5.6$		6.0	0.50
			pP	22 49	00.0	-4.1		
			LE		$M_S = 5.4$		10.0	1.21
			LZ		$M_S = 5.4$		12.0	2.20
WMQ	69.7	321	P	22 50	30.8	-0.6		

DEC 13d 22h 41m 33.6 ± 0.05s, SD1.72 / 36
 23.71 N ± 1.11km, 121.78 E ± 0.95km, h16 ± 0.67km
 Taiwan (244)

$M_S 4.7 / 9, M_L 4.6 / 9, m_b 4.4 / 5$

QZH	3.2	294	Pn	22 42	22.8	-0.3		
			Sn	22 42	58.0	-4.4		
			SMN		$M_L = 4.6$		1.1	2.86
			SME				1.1	1.68
			LE		$M_S = 4.8$		8.0	15.6
SSE	7.4	356	ePn	22 43	23.5	2.4		
			eSn	22 44	43.5	-3.4		
			SMN		$M_L = 4.4$		1.0	0.087
			SME				1.0	0.17
NJ2	8.7	343	+P	22 43	40.5	-1.5		
			PMZ		$m_b = 5.3$		0.8	0.10
			SMN		$M_L = 4.9$		1.0	0.19
			SME				1.0	0.27
			LN		$M_S = 4.5$		9.0	1.67
			LE				8.0	1.18
			LZ		$M_S = 4.2$		10.0	1.29
WHN	9.5	317	eP	22 43	52.0	-0.9		
			eS	22 45	37.5	-2.8		
			SMN				1.0	0.20
			SME				1.2	0.10
			LZ		$M_S = 4.2$		10.0	1.30
GYA	14.0	284	P	22 44	52.4	-1.3		
			S	22 47	24.4	-4.4		
			SMN				1.8	0.60
			SME				1.8	0.40
			LN		$M_S = 4.7$		10.0	1.00
			LE				10.0	1.70
XAN	15.2	315	P	22 45	09.5	-0.7		
TIY	16.1	332	eP	22 45	24.9	3.7		
			LN		$M_S = 4.6$		10.0	1.30
			LZ		$M_S = 4.5$		10.0	1.27
CD2	17.5	298	eP	22 45	40.6	1.1		
BTO	19.5	332	eP	22 46	07.0	3.4		
LZH	19.8	313	eP	22 46	08.5	1.7		
			PMZ		$m_b = 4.4$		2.0	0.036
			pP	22 46	13.5	1.1		
			LE		$M_S = 4.8$		9.0	1.36
			LZ		$M_S = 4.5$		12.0	1.33
GTA	24.3	315	eP	22 46	52.0	0.0		
			PMZ		$m_b = 4.3$		1.0	0.010
			LE		$M_S = 4.8$		10.0	1.18
			LZ		$M_S = 4.8$		10.0	1.60
LSA	28.0	289	P	22 47	25.0	-1.4		

DEC 13d 22h 43m 01.7 ± 0.04s, SD1.83 / 56
 23.82 N ± 1.04km, 121.65 E ± 0.85km, h17 ± 0.59km
 Taiwan (244)

$M_S 4.8 / 12, M_L 4.8 / 7, m_b 4.8 / 10$

QZH	3.0	293	Pn	22 43	51.0	2.0		
			Sn	22 44	24.3	-2.2		
			SMN		$M_L = 4.6$		1.0	2.97
			SME				1.0	2.00
			LE		$M_S = 4.9$		8.0	20.4
			LZ		$M_S = 4.8$		9.0	14.0
SSE	7.3	357	ePn	22 44	52.0	4.5		
			SMN		$M_L = 4.8$		1.0	0.25

			SME					
			LN		$M_S = 4.2$			
			LE					
			LZ		$M_S = 4.1$			
NJ2	8.6	344	+P	22 45	05.4	-2.7		
			PMZ		$m_b = 5.7$		0.7	0.24
			SMN		$M_L = 5.3$		1.0	0.58
			SME				1.0	0.68
			LN		$M_S = 4.7$		9.0	2.72
			LE				8.0	1.96
			LZ		$M_S = 4.3$		10.0	1.93
WHN	9.3	317	eP	22 45	17.5	-1.2		
			S	22 47	09.0	5.0		
			SMN				1.2	0.50
			SME				1.2	0.40
			LZ		$M_S = 4.5$		10.0	2.60
QZN	12.0	249	eP	22 45	55.0	0.0		
			eS	22 48	09.0	-0.3		
			LN		$M_S = 4.2$		14.0	1.22
GYA	13.8	284	P	22 46	18.4	-1.3		
			S	22 48	49.6	-3.7		
			SMN				1.8	0.60
			SME				1.8	0.50
			LN		$M_S = 4.8$		10.0	1.50
			LE				10.0	2.00
TIY	15.9	332	eP	22 46	51.0	3.7		
			LN		$M_S = 4.9$		8.0	2.03
			LZ		$M_S = 4.6$		10.0	1.78
CD2	17.4	298	eP	22 47	06.8	1.4		
BTO	19.4	332	eP	22 47	33.0	3.2		
			eS	22 51	06.0	3.7		
			LN		$M_S = 5.0$		10.0	2.20
			LE				10.0	1.50
			LZ		$M_S = 4.8$		10.0	2.00
LZH	19.6	313	eP	22 47	32.0	-0.9		
			PMZ		$m_b = 4.4$		2.0	0.036
CN2	20.2	8	eP	22 47	38.0	-0.5		
MDJ	21.7	15	eP	22 47	54.3	-0.3		
GTA	24.1	315	eP	22 48	19.6	1.3		
LSA	27.8	289	eP	22 48	54.0	1.1		

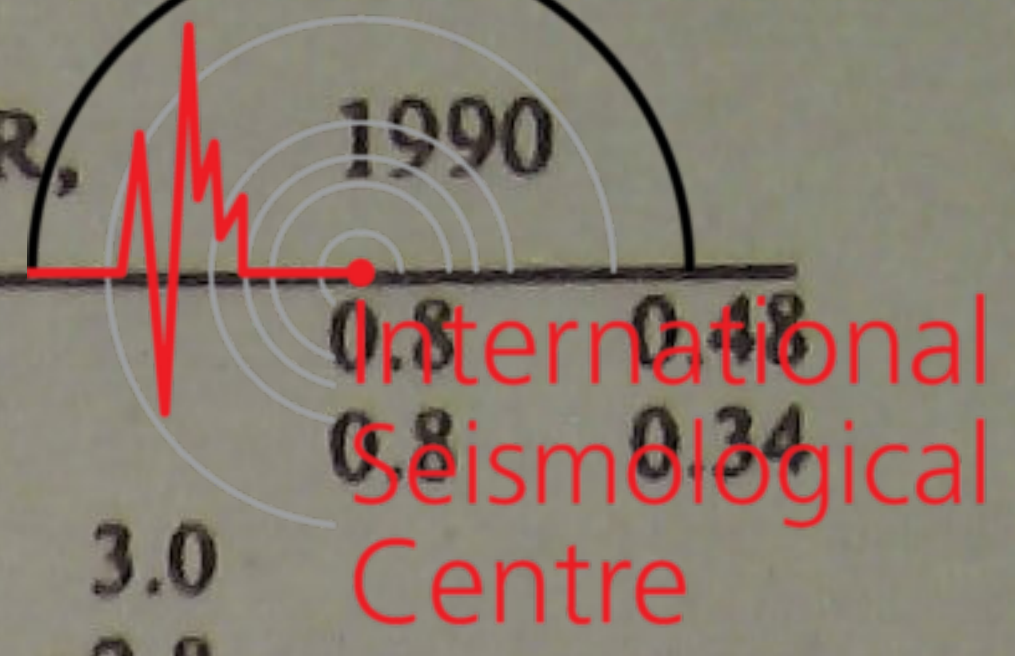
DEC 13d 22h 52m 20.7 ± 0.06s, SD1.39 / 20
 23.83 N ± 0.77km, 121.71 E ± 0.70km, h9 ± 0.24km
 Taiwan (244)

$M_S 4.3 / 4, M_L 4.4 / 7, m_b 4.1 / 2$

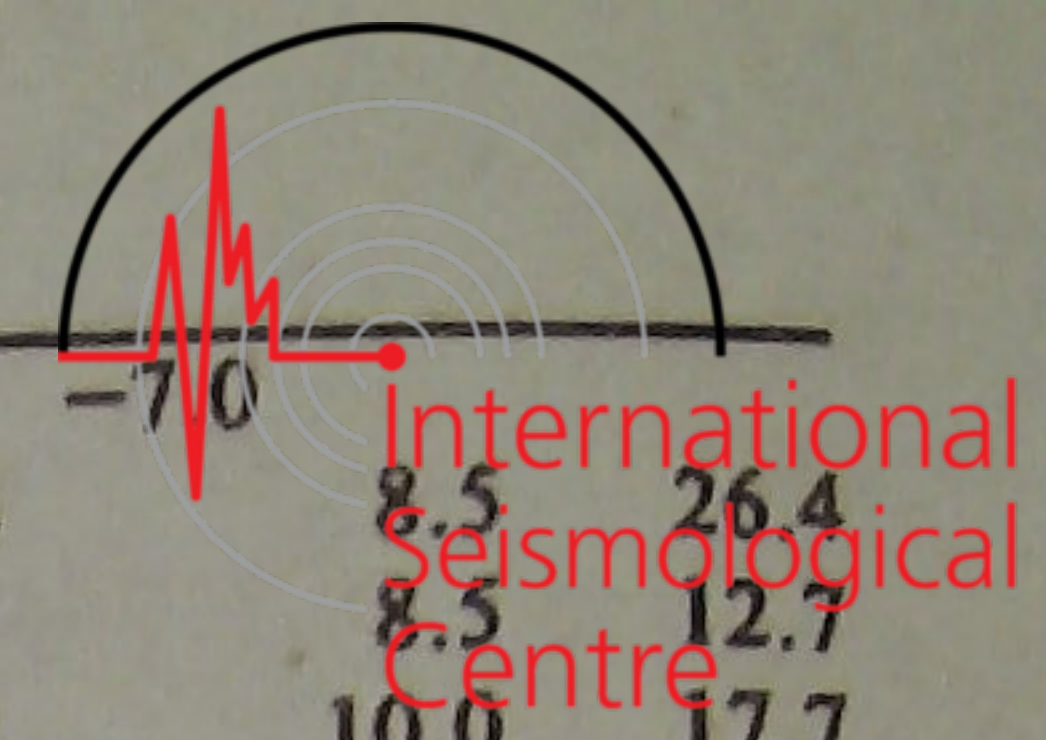
QZH	3.1	292	ePn	22 53	09.7	0.3		
			Sn	22 53	45.5	-2.5		
			SMN		$M_L = 4.4$		0.9	1.96
			SME				0.9	0.90
			LE		$M_S = 4.4$		8.0	5.91
SSE	7.3	356	ePn	22 54	06.7	-0.5		
			sP	22 54	12.5	-4.6		
			SMN		$M_L = 4.4$		1.0	0.075
			SME				1.2	0.21
NJ2	8.6	344	+P	22 54	29.2	1.2		
			S	22 56	02.5	-3.1		
			SMN		$M_L = 4.6$		1.0	0.14
			SME				1.0	0.13
			LN		$M_S = 4.3$		8.0	0.62
			LE				8.0	1.05
			LZ		$M_S = 4.0$		8.0	0.71
WHN	9.4	317	eP	22 54	40.0	1.1		
			pP	22 54	45.0	1.4		
			S	22 58	11.4	-3.6		
			SMN				1.8	0.70
			SME				1.8	0.30
			LN		$M_S = 4.9$		9.0	1.50



Station	Time	Phase	Amplitude	Distance	Depth	M _s	M _L	M _b	Other
CD2	17.4 298	eP	22 56 26.1	0.2		4.6			
DEC 13d 23h 11m 12.0 ± 0.08s, SD2.06 / 33 23.99 N ± 1.01km, 121.55 E ± 1.17km, h10 ± 0.43km Taiwan (244) M _s 4.7 / 5, M _L 4.4 / 7, m _b 5.0 / 5									
QZH	2.9 290	ePn	23 11 56.5	-1.4					
		Sn	23 12 32.4	-1.9					
		SMN			1.0	4.0			0.65
		SME			1.0				0.52
		LE			8.0				23.1
		LZ			9.0				16.0
SSE	7.1 358	eP	23 13 01.5	3.0					
		S	23 14 20.0	0.4					
		SMN			1.0	4.2			0.062
		SME			1.0				0.13
		LN			10.0	4.4			2.71
		LZ			10.0	4.4			2.86
NJ2	8.4 344	+P	23 13 14.5	-2.0					
		PMZ			0.7	5.1			0.071
		S	23 14 49.5	-2.4					
		SMN			1.0	4.5			0.11
		SME			1.0				0.14
		LN			9.0	4.8			4.39
		LE			8.0				1.37
		LZ			10.0	4.5			2.57
WHN	9.1 317	eP	23 13 29.5	2.4					
		S	23 15 06.0	-4.9					
		SMN			1.7				0.60
		SME			1.5				0.30
		LZ			10.0	4.5			2.60
QZN	12.0 248	eP	23 14 09.2	3.4					
		eS	23 16 23.5	3.2					
		LN			16.0	4.1			1.10
TIY	15.7 332	eP	23 15 00.5	4.6					
		LN			9.0	5.0			2.86
		LZ			10.0	4.7			2.28
BJI	16.6 345	eP	23 15 09.5	2.4					
LZH	19.5 312	eP	23 15 42.5	0.5					
MDJ	21.6 16	eP	23 16 04.5	0.1					
GTA	24.0 315	eP	23 16 23.0	-4.8					
		PMZ			1.2	4.2			0.010
		pP	23 16 31.0	-2.0					
WMQ	34.0 314	eP	23 17 58.8	0.1					
DEC 13d 23h 18m 58.5 ± 0.04s, SD1.63 / 193 23.71 N ± 0.84km, 121.61 E ± 0.85km, h9 ± 0.22km Taiwan (244) M _s 6.2 / 45, m _b 5.8 / 23, m _b 5.4 / 63									
QZH	3.0 295	Pn	23 19 47.0	0.2					
		Sn	23 20 23.0	-2.0					
		LE			6.0	6.4			486
		LZ			10.0	5.1			34.3
SSE	7.4 357	eP	23 20 45.5	-3.6					
		sP	23 20 52.3	-4.2					
		eS	23 22 10.0	-3.5					
		LN			7.0	6.2			112
GZH	7.6 267	+P	23 20 50.0	-2.7					
		LZ			8.0	6.0			76.1
NJ2	8.7 344	-P	23 21 04.2	-2.9					
		LN			7.5	6.5			133
		LE			7.5				116
WHN	9.4 318	eP	23 21 15.5	-1.7					
		PMZ			1.0	5.5			0.20
		sP	23 21 21.5	-3.1					
		IS	23 22 57.5	-6.4					
SMN									
SME									
LE									
LZ									
QZN	11.9 249	eP	23 21 52.8	0.9					
		eS	23 24 06.0	0.0					
		LN			17.5	5.7			46.1
TIA	13.0 344	eP	23 22 06.2	-0.9					
		PMZ			6.5	6.1			2.70
		LN			8.0	6.6			114
		LE			7.5				71.0
GYA	13.8 285	+iP	23 22 16.6	-0.8					
		PMZ			1.0	5.5			0.10
		PMZ			3.0				1.40
		pP	23 22 22.0	0.5					
		PP	23 22 30.0	2.1					
		SMN			1.8				5.10
		SME			1.8				4.90
		LN			9.0	6.1			37.7
		LE			9.0				33.2
XAN	15.1 316	P	23 22 33.0	-1.6					
		PMZ			6.0	5.7			2.10
		S	23 25 20.0	-2.6					
		LN			12.0	6.3			59.4
		LE			8.0				46.9
DL2	15.1 0	eP	23 22 36.0	1.3					
		PMZ			6.0	5.8			2.90
		LN			8.0	6.1			26.1
		LE			8.0				28.1
		LZ			8.0	5.5			12.3
TIY	16.0 333	eP	23 22 47.8	1.7					
		PMZ			8.0	6.0			5.65
		sS	23 25 54.0	3.0					
		LN			10.0	6.2			36.0
		LE			9.0				34.0
		LZ			10.0	6.1			50.8
BJI	16.9 346	eP	23 23 00.5	3.1					
		PMZ			1.5	5.4			0.29
		PMZ			7.0	5.9			3.62
		eS	23 26 09.0	4.3					
		LN			8.0	5.9			18.6
CD2	17.4 298	eP	23 23 03.7	0.2					
		S	23 26 18.0	2.8					
		LN			8.0	6.9			180
SNY	18.1 5	-P	23 23 15.0	2.3					
		PMZ			2.0	5.2			0.25
		PMZ			9.0	5.6			2.71
		pP	23 23 18.1	1.0					
		S	23 26 37.5	5.5					
		LN			10.0	5.8			11.1
		LE			8.0				12.8
		LZ			12.0	5.6			17.5
HHC	19.1 336	eP	23 23 25.4	1.3					
		PMZ			1.4	5.2			0.17
		S	23 26 55.0	2.3					
		LN			8.0	6.1			22.2
		LE			7.0				8.82
		LZ			10.0	5.8			20.3
BTO	19.5 333	+iP	23 23 28.0	-0.6					
		sP	23 23 40.0	3.6					
		LN			9.0	6.4			49.4
		LE			9.0				29.9
		LZ			9.0	6.1			36.5
LZH	19.7 313	+P	23 23 31.5	0.1					
		PMZ			1.5	5.8			0.68
		PMZ			6.0	6.2			6.40
		pP	23 23 36.0	0.1					
		PP	23 23 50.0	1.1					



GZH	7.7 266	SMN	$M_L=4.7$	1.0	0.20	TIA	4.1 205	SMN	$M_L=4.1$	0.8	0.48		
		SME		1.0	0.46			SME		0.8	0.34		
		-P	23 59 54.0	-1.4				Pg	00 18 11.3	3.0			
		SMN	$M_L=4.9$	1.0	0.56			Sn	00 18 44.9	-2.8			
		SME		1.0	0.30			Sg	00 19 03.7	-0.1			
		LN	$M_S=4.7$	7.5	2.53			SMN	$M_L=3.7$	1.0	0.10		
NJ2	8.6 344	LE		10.0	4.09	HHC	5.9 281	SME		1.0	0.20		
		LZ	$M_S=4.5$	10.0	3.13			Pg	00 18 42.4	1.1			
		-P	24 00 04.8	-2.8				Sg	00 20 00.0	-2.1			
		PMZ	$m_b=5.1$	1.0	0.090			SMN	$M_L=4.3$	1.0	0.23		
		S	24 01 39.0	-6.1				SME		1.0	0.19		
		SMN	$M_L=5.2$	1.0	0.44			+Pg	00 18 47.7	4.4			
WHN	9.4 317	SME		1.0	0.55	CN2	6.0 48	Sg	00 20 06.0	0.1			
		LN	$M_S=5.0$	10.0	5.20			SMN	$M_L=4.2$	0.8	0.17		
		LE		9.0	4.88			SME		0.8	0.19		
		LZ	$M_S=4.6$	10.0	3.22			ePg	00 19 04.6	2.9			
		eP	24 00 16.0	-2.4				Sg	00 20 35.7	-2.5			
		pP	24 00 19.0	-4.4				SMN	$M_L=4.1$	0.8	0.080		
QZN	12.0 249	S	24 01 58.5	-6.0		BTO	7.1 278	SME		0.8	0.070		
		SMN		1.5	1.30			-----					
		SME		1.4	0.50			DEC 14d 00h 49m $37.2 \pm 0.06s$, SD1.60 / 25					
		LE	$M_S=4.9$	10.0	5.20			23.76 N $\pm 0.74km$, 121.67 E $\pm 0.84km$, h8 $\pm 0.27km$					
		LZ	$M_S=4.6$	8.0	2.80			Taiwan (244)					
		eP	24 00 57.0	2.0				$M_S4.1/4, M_L4.2/9, m_b4.1/3$					
TIA	13.0 343	eS	24 03 08.0	-2.1		QZH	3.0 293	Pn	00 50 27.0	1.1			
		eP	24 01 09.2	1.5				Sn	00 51 02.5	-1.9			
		P	24 01 18.8	-0.9				SMN	$M_L=4.1$	1.0	1.06		
		S	24 03 50.2	-3.9				SME		1.0	0.46		
		SMN		1.6	1.00			LE	$M_S=4.2$	8.0	4.30		
		SME		1.6	0.70			eP	00 51 27.0	-0.1			
XAN	15.1 315	LN	$M_S=5.0$	9.0	1.50	SSE	7.3 357	SMN	$M_L=4.2$	1.2	0.068		
		LE		9.0	3.10			SME		1.0	0.10		
		LZ	$M_S=4.8$	10.0	2.90			eP	00 51 44.8	-0.6			
		P	24 01 35.0	-0.9				S	00 53 17.5	-6.1			
		LN	$M_S=5.1$	9.0	3.20			SMN	$M_L=4.4$	1.0	0.071		
		LE		9.0	2.90			SME		1.0	0.079		
TIY	16.0 332	+P	24 01 50.9	4.0		NJ2	8.6 344	LN	$M_S=4.1$	9.0	0.34		
		LN	$M_S=5.0$	10.0	3.67			LE		7.0	0.39		
		eP	24 02 02.5	4.6				eP	00 51 55.0	-0.9			
		PMZ	$m_b=4.5$	1.0	0.024			SMN		1.0	0.10		
		LN	$M_S=4.7$	10.0	1.61			LE	$M_S=4.1$	11.0	1.00		
		-P	24 02 08.5	4.4				P	00 52 57.4	0.8			
KMI	17.3 278	pP	24 02 12.0	3.5		GYA	13.9 284	S	00 55 33.0	1.9			
		sP	24 02 16.0	3.9				SMN		1.8	0.40		
		S	24 05 20.0	5.6				SME		1.8	0.20		
		LN	$M_S=4.8$	8.0	1.00			P	00 53 13.0	-0.3			
		LE		9.0	1.30			eP	00 53 43.2	0.7			
		eP	24 02 26.8	1.9				-----					
HHC	19.0 336	eP	24 02 34.2	4.7		DEC 14d 01h 20m $48.6 \pm 0.05s$, SD1.53 / 69							
		BTO	19.4 332	eP	24 02 33.5	0.7	23.92 N $\pm 0.66km$, 121.74 E $\pm 0.72km$, h10 $\pm 0.19km$						
		LZH	19.7 312	eP	24 02 33.5	0.7	Taiwan (244)						
		PMZ	$m_b=4.5$	1.5	0.037	$M_S4.6/14, M_L4.8/12, m_b4.4/15$							
		MDJ	21.7 15	eP	24 02 53.0	-1.0	QZH	3.0 290	Pn	01 21 37.4	0.2		
		GTA	24.2 315	eP	24 03 19.0	0.8			Sn	01 22 11.0	-4.6		
WMQ	34.2 314	PMZ	$m_b=4.6$	1.4	0.030	SMN			$M_L=4.9$	1.0	5.74		
		P	24 04 49.3	0.4		SME				1.0	3.38		
		-----							LE	$M_S=4.7$	8.0	12.9	
		DEC 14d 00h 16m $56.5 \pm 0.05s$, SD2.18 / 26							LZ	$M_S=4.9$	9.0	20.0	
		39.92 N $\pm 0.49km$, 119.23 E $\pm 0.48km$, h16 $\pm 0.11km$						P	01 22 35.0	-1.1			
		North-Eastern China (658)						PMZ	$m_b=4.2$	0.6	0.010		
DL2	2.1 118	Pg	00 17 34.2	0.2		pP	01 22 37.5	-3.3					
		Sg	00 18 00.9	-2.1		sP	01 22 41.5	-2.3					
		SMN	$M_L=3.7$	0.8	0.58	eS	01 23 54.2	-4.1					
BJI	2.3 274	SME		0.8	0.57	SMN	$M_L=4.6$	1.0	0.14				
		Pg	00 17 35.5	-2.5		SME		1.0	0.38				
		ePn	00 17 55.2	0.3		LN	$M_S=4.2$	10.0	1.81				
SNY	3.8 59	Pg	00 18 07.5	3.8		LZ	$M_S=4.2$	10.0	1.90				
		Sg	00 18 57.6	1.8		GZH	7.8 266	+P	01 22 43.2	-1.2			



		SMN		$M_L = 5.0$		1.0	0.64			S	01 47 30.6	-7.0		
		SME				1.0	0.39			LN		$M_S = 5.6$	8.5	26.4
		LZ		$M_S = 4.2$		10.0	1.71			LE			8.5	12.7
NJ2	8.5 343	+P	01 22	53.0	-1.7					LZ		$M_S = 5.3$	10.0	17.7
		pP	01 22	59.0	-0.5				WHN	9.4 317	-P	01 46 10.0	-0.9	
		S	01 24	26.5	-4.8						pP	01 46 14.5	-1.1	
		SMN		$M_L = 5.1$		1.0	0.44				S	01 47 55.0	-2.2	
		SME				1.1	0.42			SMN				1.5 3.50
		LN		$M_S = 4.6$		10.0	2.60			SME				1.2 1.70
		LE				8.0	1.59			LN		$M_S = 5.7$	9.0	30.7
		LZ		$M_S = 4.3$		10.0	1.61			LZ		$M_S = 5.4$	9.0	16.5
WHN	9.3 317	eP	01 23	03.0	-3.1				QZN	12.0 249	eP	01 46 49.8	2.1	
		SMN				1.2	0.83				S	01 49 04.2	1.5	
		SME				1.0	0.20		TIA	13.0 343	eP	01 47 01.7	1.6	
		LE		$M_S = 5.2$		9.0	9.50				LN		$M_S = 5.6$	10.0 12.9
		LZ		$M_S = 4.2$		10.0	1.30				LE			9.0 8.13
QZN	12.1 249	eP	01 23	45.3	1.0						LZ		$M_S = 5.4$	12.0 17.5
		eS	01 26	03.1	2.7				GYA	13.9 284	P	01 47 11.0	-1.3	
GYA	13.9 284	P	01 24	07.4	-0.8						PP	01 47 23.0	0.2	
		S	01 26	39.0	-3.9						S	01 49 41.2	-5.8	
		SMN				1.8	0.70			SMN				1.8 2.90
		SME				1.8	0.60			SME				1.8 2.00
		LN		$M_S = 4.6$		9.0	0.90			LN		$M_S = 5.6$	9.0	6.20
		LE				9.0	1.20			LE				9.0 14.3
		LZ		$M_S = 4.4$		10.0	1.30			LZ		$M_S = 5.3$	10.0	10.9
XAN	15.1 315	P	01 24	23.5	-0.1				DL2	15.0 360	-P	01 47 32.0	4.8	
		S	01 27	11.0	0.1						S	01 50 20.0	5.7	
		LN		$M_S = 4.7$		8.0	1.00				LN		$M_S = 5.2$	12.0 5.77
		LE				8.0	0.96				LE			9.0 3.53
BJI	16.7 345	eP	01 24	44.0	-1.1						LZ		$M_S = 4.9$	12.0 4.60
		LN		$M_S = 4.5$		10.0	0.96		XAN	15.1 315	P	01 47 28.4	0.0	
CD2	17.4 297	eP	01 24	53.4	-0.1						S	01 50 15.0	-1.2	
		LE		$M_S = 4.9$		8.0	1.86				LN		$M_S = 5.6$	10.0 8.00
LZH	19.6 312	eP	01 25	20.0	-0.7						LE			10.0 13.2
		PMZ		$m_b = 4.4$		1.5	0.028		TIY	16.0 332	+P	01 47 42.0	2.6	
		sP	01 25	29.0	0.3						LN		$M_S = 5.7$	9.0 15.0
		LE		$M_S = 4.5$		10.0	0.78				LE			10.0 7.33
		LZ		$M_S = 4.5$		12.0	1.28				LZ		$M_S = 5.8$	5.6 13.4
MDJ	21.6 15	eP	01 25	41.0	-0.2				BJI	16.8 345	eP	01 47 52.0	1.7	
GTA	24.1 315	eP	01 26	07.6	1.5						PMZ		$m_b = 5.2$	8.0 0.92
		PMZ		$m_b = 4.2$		1.2	0.010				eS	01 50 58.0	1.4	
LSA	27.9 289	P	01 26	42.2	1.0						LN		$M_S = 5.3$	10.0 5.90
									KMI	17.3 278	eP	01 47 55.0	-1.7	
											sP	01 48 04.0	-0.5	
											S	01 51 05.0	-2.3	
											LN		$M_S = 5.7$	9.0 7.30
											LE			9.0 11.8
											LZ		$M_S = 5.5$	12.0 15.5
									CD2	17.4 298	eP	01 47 57.0	-0.9	
											S	01 51 11.0	1.2	
											LE		$M_S = 5.8$	9.0 17.5
SSE	7.3 356	P	01 45	39.5	-2.1				SNY	18.0 5	eP	01 48 08.6	3.4	
		PMZ		$m_b = 4.4$		0.7	0.020				sP	01 48 13.0	-0.3	
		pP	01 45	45.5	-0.6						sS	01 51 32.0	0.8	
		S	01 47	01.0	-3.6						LN		$M_S = 5.3$	11.5 5.86
		SMN		$M_L = 5.2$		1.0	0.50				LE			8.5 2.42
		SME				1.0	1.25				LZ		$M_S = 5.4$	12.0 9.55
		LN		$M_S = 5.1$		10.0	14.9		HHC	19.0 336	+P	01 48 19.4	2.0	
		LZ		$M_S = 5.1$		12.0	15.8				PMZ		$m_b = 5.3$	6.0 0.92
GZH	7.7 266	-P	01 45	47.0	-1.1						eS	01 51 48.0	1.9	
		SMN		$M_L = 5.2$		1.0	0.90				LN		$M_S = 5.3$	9.0 4.35
		SME				1.0	0.70				LE			11.0 2.16
		LN		$M_S = 5.1$		5.0	3.30				LZ		$M_S = 5.1$	16.0 7.13
		LE				5.0	5.00		BTO	19.4 332	eP	01 48 22.5	0.5	
		LZ		$M_S = 5.1$		10.0	11.4				sP	01 48 31.0	1.1	
NJ2	8.6 343	+P	01 45	58.0	-2.0						S	01 51 55.0	0.7	
		PMZ		$m_b = 5.9$		0.8	0.47				LN		$M_S = 5.9$	10.0 15.6
		sP	01 46	06.6	-0.9						LE			10.0 11.0

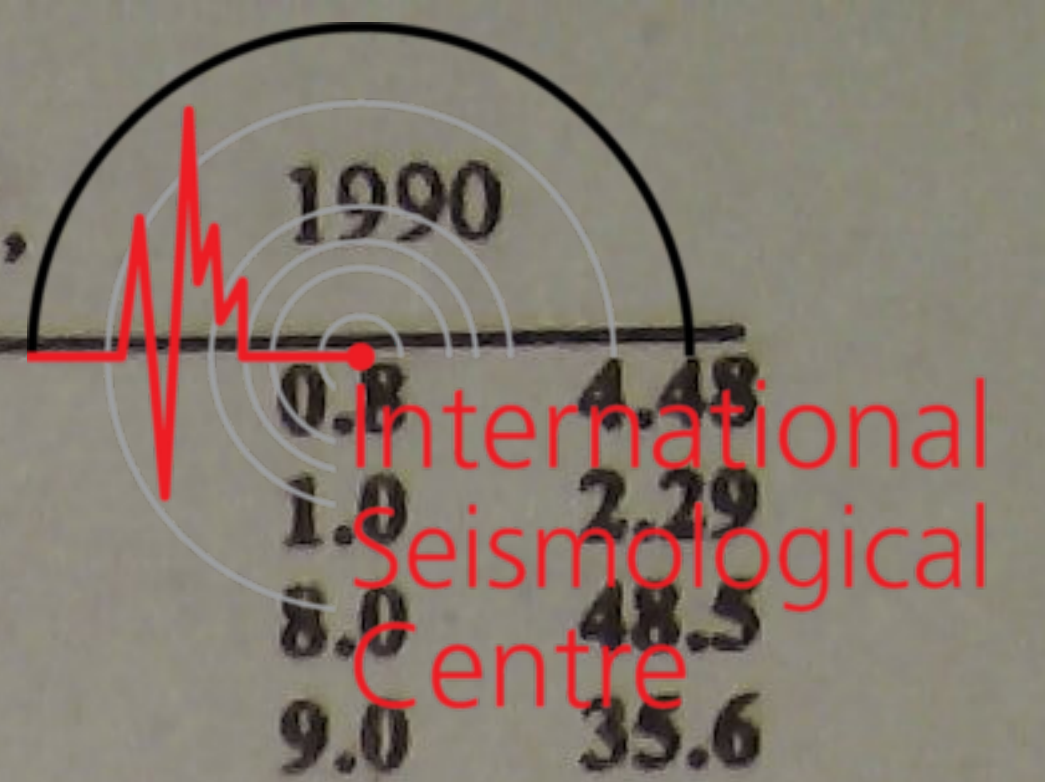
DEC 14d 01h 43m $52.7 \pm 0.04s$, $SD1.65 / 134$
 23.83 N $\pm 0.78km$, 121.71 E $\pm 0.81km$, $h9 \pm 0.22km$
 Taiwan (244)

$M_S 5.5 / 50$, $M_L 5.2 / 5$, $m_b 5.5 / 9$,

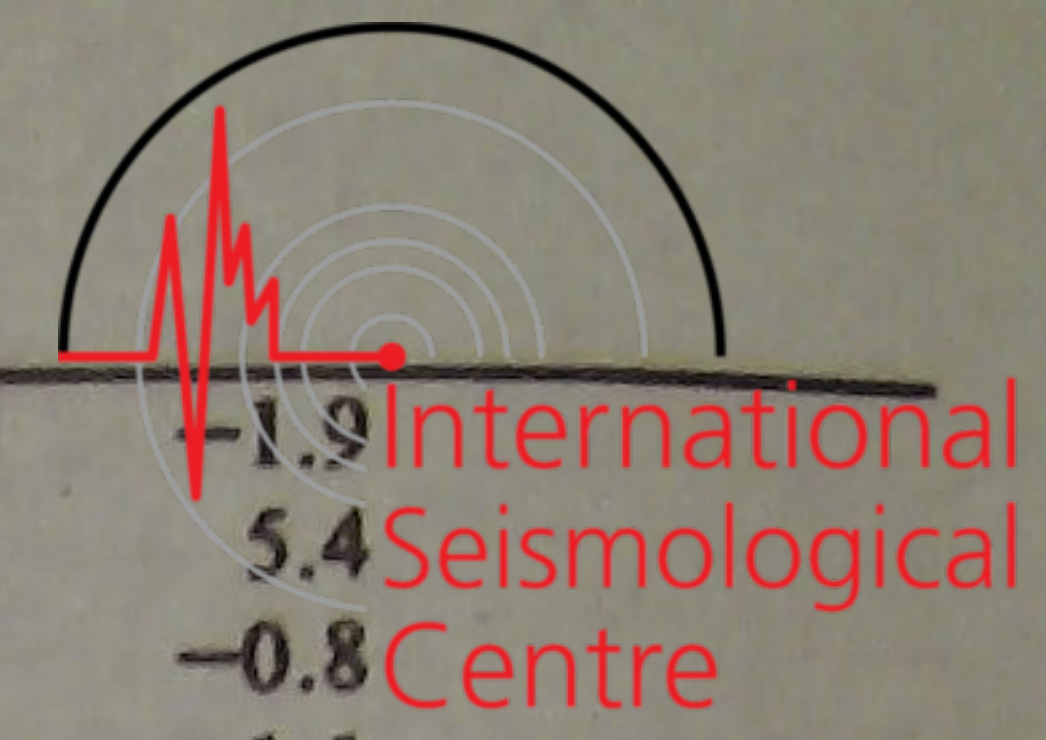
QZH	3.1 292	Pn	01 44	41.3	-0.1									
		Sn	01 45	16.0	-4.0									
		LE		$M_S = 5.5$		8.0	79.0							
		LZ		$M_S = 5.6$		9.0	93.3							
SSE	7.3 356	P	01 45	39.5	-2.1									
		PMZ		$m_b = 4.4$		0.7	0.020							
		pP	01 45	45.5	-0.6									
		S	01 47	01.0	-3.6									
		SMN		$M_L = 5.2$		1.0	0.50							
		SME				1.0	1.25							
		LN		$M_S = 5.1$		10.0	14.9							
		LZ		$M_S = 5.1$		12.0	15.8							
GZH	7.7 266	-P	01 45	47.0	-1.1									
		SMN		$M_L = 5.2$		1.0	0.90							
		SME				1.0	0.70							
		LN		$M_S = 5.1$		5.0	3.30							
		LE				5.0	5.00							
		LZ		$M_S = 5.1$		10.0	11.4							
NJ2	8.6 343	+P	01 45	58.0	-2.0									
		PMZ		$m_b = 5.9$		0.8	0.47							
		sP	01 46	06.6	-0.9									



		LN		$M_s = 5.5$	14.0	5.20	GYA	13.8	284	P	03 17 11.4	-0.1			
		LE			14.0	8.90				S	03 19 41.6	-4.0			
		LZ		$M_s = 5.5$	14.0	12.3				SMN			1.8	1.60	
MDJ	21.9	15	eP	02 42 33.0	-0.9					SME			1.8	1.10	
			PMZ			1.0	0.069			LN		$M_g = 5.5$	9.0	3.70	
			eS	02 46 32.0	0.6					LE			9.0	10.1	
			LN			14.0	4.15			LZ		$M_g = 5.1$	10.0	6.70	
			LE			14.0	7.86	XAN	15.0	315	P	03 17 26.0	-1.3		
			LZ			14.0	4.00			S	03 20 15.0	0.8			
GTA	24.3	316	eP	02 42 57.6	0.4					LN		$M_g = 5.3$	8.0	3.10	
			PMZ			3.5	0.85			LE			10.0	5.90	
			pP	02 43 04.0	1.9			TIY	15.9	332	eP	03 17 41.8	3.6		
			S	02 47 16.0	3.4					LN		$M_g = 5.4$	9.0	6.29	
			LE			9.0	7.97			LE			10.0	4.07	
			LZ			12.0	8.73			LZ		$M_g = 5.1$	10.0	5.84	
LSA	27.9	289	P	02 43 32.0	1.0			BJI	16.7	345	eP	03 17 53.0	3.9		
			S	02 48 14.0	2.2					eS	03 21 00.0	5.5			
			LN			8.0	1.34			LN		$M_g = 4.8$	10.0	2.10	
			LE			9.0	1.82	KMI	17.3	278	eP	03 18 00.0	3.9		
KSH	41.6	303	P	02 45 30.0	1.4			CD2	17.4	298	eP	03 17 57.0	0.0		
			sP	02 45 37.0	0.5					LE		$M_g = 5.3$	9.0	5.80	
			S	02 51 47.0	3.0			SNY	17.9	5	eP	03 18 05.4	1.2		
			LE			8.0	1.70			pP	03 18 08.2	-0.7			
										sS	03 21 31.0	1.4			
DEC 14d 03h 13m 52.8 ± 0.06s, SD1.75 / 89															
23.91 N ± 1.00km, 121.68 E ± 0.87km, h11 ± 0.39km															
Taiwan (244)															
$M_s 5.3 / 32, M_L 5.1 / 10, m_b 5.3 / 2,$															
QZH	3.0	291	Pn	03 14 41.0	0.4					LE		$M_g = 4.8$	14.5	2.81	
			Sn	03 15 16.0	-2.4					LZ		$M_s = 4.9$	12.0	3.38	
			SMN			1.0	3.47	BTO	19.3	332	eP	03 18 24.0	3.1		
			SME			1.0	2.58			eS	03 21 58.0	4.9			
			LZ			9.0	44.7			LN		$M_g = 5.5$	10.0	6.70	
SSE	7.2	357	P	03 15 39.0	-1.4			LZH	19.6	312	eP	03 18 25.0	0.7		
			PMZ			0.6	0.016			PMZ		$m_b = 4.7$	2.0	0.071	
			pP	03 15 42.5	-2.6					PMZ		$m_b = 5.2$	7.0	0.70	
			sP	03 15 46.5	-1.7					pP	03 18 30.5	1.3			
			S	03 16 59.5	-2.9					eS	03 22 00.0	0.0			
			SMN			1.0	0.30			LN		$M_s = 5.3$	9.0	3.22	
			SME			1.0	0.54	MDJ	21.6	15	eP	03 18 46.5	0.9		
			LN			9.0	4.81	GTA	24.1	315	eP	03 19 10.2	0.4		
			LE			8.0	2.41			sS	03 23 36.0	2.7			
			LZ			11.0	9.22			LE		$M_s = 5.3$	10.0	3.31	
GZH	7.7	266	+P	03 15 47.0	-0.7					LZ		$M_s = 5.2$	10.0	3.51	
			S	03 17 10.0	-5.4			LSA	27.8	289	eP	03 19 46.2	1.4		
			SMN			1.0	0.62	WMQ	34.2	314	P	03 20 41.5	0.9		
			SME			1.0	0.46			eS	03 26 08.0	1.9			
			LN			8.0	6.10			LN		$M_s = 5.3$	10.0	1.30	
			LE			8.0	3.90			LE			10.0	1.90	
			LZ			11.0	5.65	DEC 14d 04h 36m 48.1 ± 0.07s, SD1.73 / 26							
NJ2	8.5	344	-P	03 15 56.3	-2.5			23.68 N ± 1.20km, 121.60 E ± 0.97km, h3 ± 0.70km							
			pP	03 16 01.9	-1.7			Taiwan (244)							
			S	03 17 30.5	-4.8			$M_s 4.1 / 2, M_L 4.2 / 10, m_b 4.4 / 4$							
			SMN			0.9	0.77	QZH	3.0	295	Pn	04 37 37.5	0.4		
			SME			1.0	0.78			Sn	04 38 16.2	0.3			
			LN			9.0	9.00			SMN		$M_L = 4.3$	1.0	1.39	
			LE			8.0	5.10			SME			1.0	0.75	
			LZ			10.0	6.43	SSE	7.4	357	eP	04 38 41.3	1.5		
WHN	9.3	317	eP	03 16 07.0	-2.8					pP	04 38 44.5	1.2			
			iS	03 17 50.6	-4.6					SMN		$M_L = 3.9$	1.0	0.027	
			SMN			1.0	0.75			SME			1.2	0.055	
			SME			1.2	0.70	NJ2	8.7	344	+P	04 38 59.0	1.1		
			LE			10.0	15.4			S	04 40 36.5	-0.8			
			LZ			10.0	7.00			SMN		$M_L = 4.5$	1.0	0.082	
QZN	12.0	248	eP	03 16 48.2	0.6					SME			1.2	0.098	
			eS	03 19 06.8	3.9					LZ		$M_s = 3.7$	9.0	0.40	
			LN			13.0	1.69	WHN	9.4	318	eP	04 39 06.5	-1.3		
			LE			10.0	1.21								



		S	07 49	10.0	-1.2					SMN	$M_L=4.8$	0.8	4.48									
		LN		$M_S=4.6$		8.0	0.80			SME		1.0	2.79									
		LE				9.0	0.90			LE	$M_S=5.3$	8.0	48.5									
TIY	16.1 333	eP	07 46	37.0	3.5					LZ	$M_S=5.2$	9.0	35.6									
		LN		$M_S=4.7$		9.0	1.60	SSE	7.4 357	P	10 46 13.5	-0.6										
		LZ		$M_S=4.5$		10.0	1.27			PMZ	$m_b=4.3$	1.0	0.020									
BJI	17.0 345	eP	07 46	49.0	4.3					sP	10 46 23.0	0.9										
		LN		$M_S=4.3$		9.0	0.52			S	10 47 32.0	-6.6										
KMI	17.3 279	-P	07 46	53.5	4.8					SMN	$M_L=4.8$	1.0	0.25									
		pP	07 46	57.0	3.9					SME		1.0	0.45									
		PP	07 47	06.5	4.0					LN	$M_S=4.9$	9.0	5.90									
		eS	07 50	06.0	5.6					LE		8.0	3.06									
		LN		$M_S=4.9$		9.0	0.80			LZ	$M_S=4.8$	10.0	7.14									
		LE				8.0	1.60	GZH	7.7 267	+P	10 46 17.0	-1.4										
		LZ		$M_S=4.7$		10.0	1.70			S	10 47 47.6	1.4										
CD2	17.5 298	eP	07 46	48.6	-2.2					SMN	$M_L=4.9$	1.0	0.54									
HHC	19.2 336	eP	07 47	14.0	2.7					SME		1.0	0.32									
		eS	07 50	44.5	2.5					LN	$M_S=5.1$	8.0	6.64									
		LN		$M_S=4.4$		10.0	0.50			LE		8.0	6.00									
		LE				11.0	0.36			LZ	$M_S=4.7$	13.0	6.04									
BTO	19.6 333	eP	07 47	15.0	-0.9			NJ2	8.7 344	-P	10 46 30.5	-1.9										
		eS	07 50	45.0	-6.2					S	10 48 07.0	-4.3										
		LN		$M_S=4.8$		10.0	1.30			SMN	$M_L=5.4$	1.6	0.56									
		LE				10.0	0.90			SME		1.8	0.82									
		LZ		$M_S=4.6$		10.0	1.20			LN	$M_S=5.3$	9.0	10.8									
LZH	19.8 313	eP	07 47	21.0	2.4					LE		7.5	5.75									
		sP	07 47	29.5	2.7					LZ	$M_S=5.1$	10.0	10.7									
		LN		$M_S=4.4$		8.0	0.46	WHN	9.5 318	eP	10 46 41.0	-1.8										
		LZ		$M_S=4.4$		12.0	1.02			pP	10 46 43.0	-4.9										
GTA	24.3 315	eP	07 48	04.8	0.9					S	10 48 25.0	-5.0										
		PMZ		$m_b=4.3$		1.0	0.010			LN	$M_S=5.1$	10.0	7.50									
LSA	27.9 289	eP	07 48	41.6	3.9					LE		10.0	6.40									
WMQ	34.4 314	eP	07 49	31.0	-3.4					LZ	$M_S=4.8$	12.0	5.40									
<p>DEC 14d 08h 00m $14.2 \pm 0.43s$, $SD2.06 / 14$ $24.14 N \pm 2.91km$, $121.29 E \pm 2.68km$, $h5 \pm km$ Taiwan (244) $M_S 3.9 / 2$, $M_L 3.9 / 10$, $m_b 4.3 / 1$</p>										QZN	12.0 249	eP	10 47	15.6	-1.8				S	10 49 28.0	-3.6	
QZH	2.6 289	iPn	08 00	57.0	0.0					LN	$M_S=4.6$	13.0	1.61									
		Sn	08 01	33.5	2.8					LE		11.0	2.02									
		SMN		$M_L=3.8$		0.7	0.81			TIA	13.1 343	eP	10 47 32.0	-0.4								
		SME				1.0	0.23			S	10 50 05.0	6.4										
SSE	6.9 359	eP	08 02	00.0	0.9					LN	$M_S=5.2$	10.0	5.59									
		pP	08 02	01.5	-1.3					LE		9.0	3.39									
		eS	08 03	21.0	1.9					LZ	$M_S=5.2$	10.0	7.54									
		SMN		$M_L=3.7$		1.0	0.015	GYA	13.9 285	P	10 47 42.2	-1.0										
		SME				1.0	0.052			pP	10 47 47.4	-0.3										
		LN		$M_S=3.8$		10.0	0.45			PP	10 47 51.4	-2.3										
		LE				10.0	0.48			SMN		1.8	0.80									
NJ2	8.2 345	+P	08 02	12.4	-4.0					SME		1.8	0.70									
		S	08 03	51.5	1.5					LN	$M_S=5.2$	9.0	2.20									
		SMN		$M_L=4.4$		1.0	0.096			LE		9.0	5.20									
		SME				1.0	0.096			LZ	$M_S=4.9$	10.0	4.20									
		LN		$M_S=4.0$		9.0	0.67	XAN	15.2 316	P	10 47 59.0	-1.2										
		LE				7.0	0.39			S	10 50 48.0	-0.8										
		LZ		$M_S=3.6$		10.0	0.39			LN	$M_S=5.1$	7.0	2.00									
GYA	13.4 283	P	08 03	27.6	-0.8					LE		10.0	3.60									
		S	08 06	01.0	2.2					LZ	$M_S=5.1$	10.0	4.95									
		SMN				1.8	0.20	TIY	16.1 333	eP	10 48 13.8	2.3										
		SME				1.8	0.10			S	10 51 16.0	6.9										
CD2	16.9 297	eP	08 04	16.6	2.7					LN	$M_S=5.3$	8.0	5.48									
<p>DEC 14d 10h 44m $23.5 \pm 0.05s$, $SD1.75 / 109$ $23.69 N \pm 0.82km$, $121.70 E \pm 0.78km$, $h12 \pm 0.21km$ Taiwan (244) $M_S 5.1 / 47$, $M_L 5.0 / 10$, $m_b 5.1 / 7$</p>										BJI	17.0 345	eP	10 48	26.0	3.5				LE		10.0	3.60
QZH	3.1 294	Pn	10 45	12.7	0.1					PMZ	$m_b=4.6$	1.5	0.039									
		Sn	10 45	47.5	-4.1					PMZ	$m_b=5.0$	7.0	0.45									
										LN	$M_S=4.9$	10.0	2.41									
										KMI	17.3 279	-P	10 48 32.0	4.6								
										PMZ	$m_b=4.7$	1.5	0.050									
										pP	10 48 35.5	3.6										
										sP	10 48 39.5	4.0										
										LN	$M_S=5.4$	8.0	2.40									



CD2	17.5	298	LE		9.0	6.70	WMQ	144.0	16	PKP	11 42 10.2	-1.9	International 5.4 Seismological Centre							
			LZ	$M_s = 5.3$	10.0	7.20				pPKP	11 42 27.5									
			eP	10 48 26.8	-2.4					PKS	11 45 44.0	-0.8								
			eS	10 51 40.0	-2.2															
SNY	18.2	5	LE	$M_s = 5.5$	9.0	8.74	DL2	145.5	331	ePKP	11 42 13.5	-1.1								
			LZ	$M_s = 5.0$	8.0	2.66				BJI	146.9	338	ePKP	11 42 18.0	1.1					
			+P	10 48 39.0	1.5	HHC							147.5	345	PKP	11 42 20.3	2.2			
			pP	10 48 42.8	0.4										sPKP	11 42 36.0	3.8			
			sP	10 48 48.2	2.2										BTO	148.1	347	PKP	11 42 22.0	2.9
			sS	10 52 04.0	-1.3										sPKP	11 42 36.0	2.8			
LN	$M_s = 4.9$	11.0	2.21	TIA	149.8		334	ePKP	11 42 17.6						-4.0					
LE		8.0	1.21	GTA	150.3		2	ePKP	11 42 23.6	1.0										
HHC	19.1	336	LZ	$M_s = 4.9$	12.0	3.44	NJ2	152.2	326	-PKP	11 42 28.0	2.7								
			eP	10 48 52.0	2.7	LZH				153.5	355	ePKP	11 42 29.0	1.7						
			PMZ	$m_B = 5.2$	7.0							0.81	LE	$M_s = 5.7$	8.0	0.29				
			S	10 52 20.0	1.7								LZ	$M_s = 5.5$	20.0	0.68				
			SS	10 52 44.0	0.2							XAN	154.6	345	PKP	11 42 29.0	0.3			
			LN	$M_s = 4.9$	9.0							1.48	LSA	158.0	23	ePKP	11 42 35.6	2.1		
LE		10.0	1.34	CD2	158.7		354	ePKP	11 42 34.6			0.7								
BTO	19.5	333	LZ	$M_s = 4.7$	12.0	1.78	GYA	162.4	343	PKP	11 42 40.0	2.1								
			P	10 48 54.0	0.1	KMI				164.5	354	PKP	11 42 42.5	2.4						
			sP	10 49 06.5	4.2							pPKP	11 42 52.0	1.9						
			eS	10 52 27.0	-1.5							PPMZ	$m_B = 5.6$	5.0	0.30					
			LN	$M_s = 5.5$	10.0							6.20	DEC 14d 11h 56m 14.0 ± 0.06s, SD1.93 / 79							
			LE		10.0							4.30	23.67 N ± 0.93km, 121.64 E ± 0.88km, h10 ± 0.27km							
LZ	$M_s = 5.2$	10.0	5.20	Taiwan (244)																
LZH	19.8	313	eP	10 48 57.0	0.2		M _s 4.9 / 32, M _L 4.9 / 10, m _B 5.0 / 2,	QZH	3.1	295	P _n	11 57 02.0	-0.7							
			PMZ	$m_b = 4.8$	2.0	0.089					S _n	11 57 37.0	-4.3							
			PMZ	$m_B = 5.1$	8.0	0.77					SMN	$M_L = 4.8$	1.0	4.46						
			sP	10 49 05.0	-0.2						SME		1.0	2.50						
			PP	10 49 15.0	0.5						LE	$M_s = 5.1$	7.0	29.4						
			eS	10 52 35.0	0.9						LZ	$M_s = 5.0$	8.0	19.0						
			sS	10 52 40.0	-1.4						SSE	7.4	357	P	11 58 04.5	-0.5				
			LE	$M_s = 5.1$	10.0	3.33								PMZ	$m_b = 4.6$	0.8	0.031			
			LZ	$M_s = 5.1$	12.0	4.76								sP	11 58 08.0	-4.7				
			+P	10 49 02.5	0.1									eS	11 59 25.5	-4.4				
pP	10 49 09.0	1.3		SMN	$M_L = 4.9$	1.0	0.18													
eS	10 52 47.0	2.1		SME		1.0	0.64													
LN	$M_s = 4.8$	10.0	1.10	LN	$M_s = 4.5$	9.0	2.18													
LE		10.0	1.00	LE		9.0	1.77													
LZ	$M_s = 5.1$	12.0	4.50	LZ	$M_s = 4.2$	12.0	1.80													
+P	10 49 02.5	0.1		GZH	7.6	267	-P	11 58 07.4	-0.8											
pP	10 49 09.0	1.3					SMN	$M_L = 5.1$	1.0	0.68										
eS	10 52 47.0	2.1					SME		1.0	0.64										
LN	$M_s = 4.8$	10.0	1.10				LN	$M_s = 4.9$	7.5	5.29										
LE		10.0	1.00				LE		8.5	4.38										
LZ	$M_s = 5.1$	12.0	4.50				LZ	$M_s = 4.5$	14.0	4.00										
eP	10 49 16.5	-1.8					NJ2	8.7	344	-P	11 58 19.6	-3.5								
PMZ	$m_b = 4.7$	1.0	0.030							SMN	$M_L = 5.3$	1.0	0.44							
eS	10 53 20.0	5.3								SME		1.0	0.66							
LN	$M_s = 4.9$	12.0	1.30							LN	$M_s = 5.0$	8.0	4.59							
LE		12.0	1.64	LE		7.5				3.41										
LZ	$M_s = 4.7$	14.0	1.78	LZ	$M_s = 4.6$	9.0				3.30										
P	10 49 41.4	-0.7		WHN	9.4	318				eP	11 58 30.5	-2.7								
PMZ	$m_B = 5.3$	4.0	0.42							pP	11 58 35.0	-3.0								
pP	10 49 46.2	-1.3								SMN		1.2	0.80							
S	10 53 56.0	-1.1								SME		1.5	1.00							
sS	10 54 07.0	0.0					LN	$M_s = 5.0$	9.0	4.50										
LE	$M_s = 5.2$	11.0	3.35				LE		8.0	3.40										
LZ	$M_s = 5.1$	12.0	3.31				LZ	$M_s = 4.4$	12.0	2.40										
P	10 50 17.0	0.7					QZN	11.9	249	eP	11 59 08.6	1.4								
LE	$M_s = 4.6$	10.0	0.54							eS	12 01 22.0	0.7								
P	10 51 08.5	-4.2								LN	$M_s = 4.6$	15.0	2.51							
PP	10 52 22.5	-4.5		LE		15.5				1.37										
LN	$M_s = 5.4$	10.0	1.52	TIA	13.1	344				eP	11 59 23.8	0.7								
LE		10.0	1.90							LN	$M_s = 4.9$	10.0	2.18							
LZ	$M_s = 5.1$	12.0	2.29				LE		9.0	1.99										
eP	10 52 18.0	4.3																		

DEC 14d 11h 22m 39.1 ± 0.08s, SD1.66 / 173
 9.63 S ± 0.94km, 78.97 W ± 1.06km, h35 ± 0.76km
 Off coast of Peru (114)
 M_s6.1 / 3, m_B5.6 / 1, m_b5.2 / 40

SNY 142.3 332 ePKP 11 42 04.2 -4.8

GYA	13.9 285	LZ	$M_s=4.8$	10.0	3.07	sP	12 38 46.0	-4.6					
		P	11 59 32.2	-1.0		eS	12 40 03.0	-0.9					
		pP	11 59 38.0	0.5		SMN	$M_L=4.5$		1.2	0.20			
		S	12 02 03.4	-4.1		SME			1.0	0.26			
		SMN			1.8	1.70	LN	$M_s=4.4$		9.0	2.40		
		SME			1.8	0.90	LE			8.0	1.09		
		LN	$M_s=4.9$	9.0	1.20	LZ	$M_s=4.2$		12.0	2.25			
		LE		9.0	2.90	eP	12 38 55.0	2.4					
		LZ	$M_s=4.7$	10.0	2.40	SMN	$M_L=4.6$		1.0	0.28			
		P	11 59 49.0	-1.5		SME			1.0	0.11			
XAN	15.2 316	S	12 02 38.0	-1.0		LN	$M_s=4.7$		6.0	2.54			
		LN	$M_s=4.9$	7.0	0.96	LE			6.0	1.72			
		LE		10.0	2.20	NJ2	8.2 344	-P	12 39 00.5	-1.4			
		eP	12 00 07.0	5.0		PMZ	$m_b=5.0$		0.8	0.063			
TIY	16.1 333	LN	$M_s=4.9$	9.0	2.40	S	12 40 35.5	-0.5					
		LZ	$M_s=4.6$	12.0	1.93	SMN	$M_L=5.1$		1.0	0.40			
		eP	12 00 16.0	2.7		SME			1.0	0.55			
BJI	17.0 345	LN	$M_s=4.6$	9.0	1.03	LN	$M_s=4.7$		9.0	3.81			
		LE		9.0	0.59	LE			8.0	1.57			
		-P	12 00 21.5	4.1		LZ	$M_s=4.5$		10.0	2.64			
KMI	17.3 279	pP	12 00 25.0	3.3		eP	12 39 12.0	-0.8					
		sP	12 00 29.0	3.7		sP	12 39 17.0	-2.4					
		S	12 03 30.0	2.6		S	12 40 49.5	-6.0					
		LN	$M_s=5.2$	9.0	1.60	SMN			1.2	0.80			
		LE		9.0	3.90	SME			1.4	0.40			
CD2	17.4 298	LZ	$M_s=5.2$	10.0	5.40	LN	$M_s=4.8$		9.0	2.80			
		eP	12 00 17.4	-1.9		LE			10.0	4.20			
		S	12 03 34.0	2.6		LZ	$M_s=4.5$		10.0	2.90			
		LN	$M_s=5.3$	7.0	4.48	GYA	13.6 283	P	12 40 15.2	-0.5			
HHC	19.1 336	P	12 00 42.0	2.0		SMN			1.8	0.60			
		S	12 04 11.0	2.0		SME			1.8	0.30			
		LN	$M_s=4.5$	9.0	0.81	LN	$M_s=5.0$		9.0	1.50			
		LZ	$M_s=4.5$	10.0	1.14	LE			9.0	3.50			
BTO	19.5 333	eP	12 00 46.0	1.5		LZ	$M_s=4.7$		10.0	2.40			
		eS	12 04 20.0	0.9		XAN	14.8 315	P	12 40 30.0	-0.6			
		LN	$M_s=5.1$	10.0	2.50	LN	$M_s=4.9$		8.0	1.40			
		LE		10.0	1.70	LE			10.0	2.20			
LZH	19.7 313	LZ	$M_s=4.8$	10.0	2.10	TIY	15.6 332	+P	12 40 43.8	2.3			
		eP	12 00 48.5	1.3		LN	$M_s=4.9$		9.0	2.46			
		PMZ	$m_b=4.7$	2.0	0.071	LZ	$M_s=4.8$		10.0	2.54			
		PMZ	$m_B=5.0$	5.0	0.37	CD2	17.1 297	eP	12 41 01.2	0.4			
CN2	20.3 8	sP	12 00 55.0	-0.3		LE	$M_s=4.9$		9.0	2.17			
		eS	12 04 26.0	1.7		LZ	$M_s=5.1$		10.0	4.87			
		LN	$M_s=4.9$	7.0	1.14	HHC	18.6 336	eP	12 41 24.6	4.9			
		LE		7.0	1.04	BTO	19.0 332	eP	12 41 23.0	-1.7			
		LZ	$M_s=4.8$	12.0	2.15	eS	12 44 58.0	3.7					
		eP	12 00 52.4	-0.9		LN	$M_s=5.1$		10.0	2.90			
		MDJ	21.9 15	eP	12 01 08.5	-0.8	LE			10.0	1.70		
		GTA	24.2 315	eP	12 01 32.0	-0.6	LZ	$M_s=4.9$		10.0	2.40		
		LSA	27.8 289	PMZ	$m_b=4.2$	1.2	0.010	LZH	19.3 312	eP	12 41 28.0	-0.2	
		WMQ	34.3 314	eP	12 02 10.0	3.4		PMZ	$m_b=4.3$		2.0	0.029	
SSE	6.9 358	eP	12 03 06.0	2.8		PMZ	$m_B=5.0$		5.0	0.37			
		sP	12 03 11.5	0.1		pP	12 41 34.0	2.1					
		eS	12 08 32.0	2.3		LN	$M_s=4.9$		9.0	1.10			
		LZ	$M_s=4.7$	12.0	0.86	LE			9.0	1.42			
		DEC 14d 12h 36m 58.9 ± 0.20s, SD1.68 / 52				LZ	$M_s=4.7$		15.0	2.43			
		24.14 N ± 1.62km, 121.50 E ± 1.49km, h5 ± km				CN2	19.9 8	eP	12 41 36.0	1.8			
		Taiwan				pP	12 41 41.0	2.5					
		$M_s4.9/22, M_L4.5/13, m_b5.0/1,$				eS	12 45 18.0	5.0					
		QZH	2.8 287	ePn	12 37 44.4	0.2		LN	$M_s=4.3$		10.0	0.50	
				Sn	12 38 21.0	0.9		LE			10.0	0.20	
		SMN	$M_L=4.3$	1.2	1.84	LZ	$M_s=4.7$		12.0	1.80			
		SME		1.2	0.93	MDJ	21.5 16	eP	12 41 49.5	-1.3			
		LE		8.0	23.7	GTA	23.8 315	eP	12 42 14.8	0.6			
		LZ		8.0	16.6	PMZ	$m_b=4.7$		1.0	0.030			
		eP	12 38 41.7	-2.1		pP	12 42 18.0	-0.5					
		pP	12 38 44.0	-3.6		LE	$M_s=4.9$		10.0	1.48			
						LZ	$M_s=4.8$		10.0	1.60			



GYA	13.9	284	SME			1.0	0.20	HHC	4.7	332	SME	19 28	48.0	-1.1	0.5	0.062	
			LE	$M_s=4.5$	10.0	2.10	ePg				19 29	51.8	-1.1				
			P	17 26	51.0	0.1	Sg										
			pP	17 26	58.0	2.3	SMN					$M_L=3.6$	0.8	0.081			
			S	17 29	21.2	-4.6	SME						1.0	0.11			
XAN	15.1	315	SMN			1.8	0.70	BTO	5.2	319	ePg	19 29	01.2	3.2			
			SME			1.8	0.40				Sg	19 30	06.5	-2.1			
			LN	$M_s=4.6$	10.0	0.60	SMN					$M_L=3.1$	0.8	0.020			
			LE			10.0	1.40				SME			0.8			0.020
			LZ	$M_s=4.4$	10.0	1.20	LZH				8.6	269	eP	19 29			29.5
TIY	15.9	332	P	17 27	05.9	-0.4		GTA	11.8	287	eP	19 30	15.6	-1.5			
			LN	$M_s=4.6$	8.0	0.79											
			LE		9.0	0.84											
KMI	17.4	278	eP	17 27	21.6	4.8		DEC 15d 05h 01m $30.4 \pm 0.05s$, $SD1.76 / 91$ $23.65 N \pm 0.85km$, $121.69 E \pm 0.79km$, $h9 \pm 0.24km$ Taiwan (244) $M_s5.0 / 39$, $M_L4.7 / 12$, $m_b5.2 / 2$,									
			LN	$M_s=4.6$	10.0	1.24	QZH	3.1	295	Pn	05 02	20.0	0.1				
			LZ	$M_s=4.5$	10.0	1.27				Sn	05 02	57.4	-1.6				
eP	17 27	31.5	-3.9	SMN		$M_L=4.5$				0.9	2.39						
HHC	18.9	335	eS	17 30	51.0	3.7		SME			2.8	1.43					
			LN	$M_s=4.9$	7.0	0.80	LE	$M_s=5.0$	7.0	21.5							
			LE		9.0	2.00	LZ	$M_s=5.1$	8.0	24.9							
BTO	19.4	332	eP	17 27	57.6	2.9	SSE	7.4	357	eP	05 03	21.5	-0.3				
			LN	$M_s=4.1$	10.0	0.33				pP	05 03	23.7	-2.7				
			LZ	$M_s=4.7$	11.0	1.74				S	05 04	45.0	-1.7				
LZH	19.7	312	eS	17 31	34.0	2.1		SMN	$M_L=4.6$	1.0	0.14						
			LN	$M_s=4.8$	11.0	1.40	SME		1.2	0.35							
			LE		11.0	0.80	LN	$M_s=4.7$	7.0	4.09							
CN2	20.1	8	LZ	$M_s=4.5$	11.0	1.20	GZH	7.7	267	-P	05 03	24.6	-0.8				
			eP	17 28	05.0	1.8				SMN	$M_L=4.9$	0.9	0.41				
			PMZ	$m_b=4.4$	2.0	0.036				SME		1.0	0.34				
MDJ	21.6	15	sP	17 28	12.0	0.2	NJ2	8.7	344	+P	05 03	37.0	-3.0				
			ePP	17 28	23.0	2.4				SMN	$M_L=5.1$	1.0	0.43				
			LN	$M_s=4.5$	9.0	0.55				SME		1.2	0.35				
GTA	24.2	315	LE		10.0	0.52	WHN	9.5	318	eP	05 03	48.5	-1.8				
			LZ	$M_s=4.5$	10.0	1.02				pP	05 03	52.0	-3.0				
			eP	17 28	07.5	0.2				S	05 05	35.0	-2.8				
LSA	27.9	289	pP	17 28	14.0	1.2	QZN	12.0	250	eP	05 04	25.8	1.5				
			eS	17 31	52.0	4.7				eS	05 06	40.0	1.1				
			LN	$M_s=4.2$	10.0	0.20				LN	$M_s=4.6$	15.0	1.63				
WMQ	34.2	314	LE		10.0	0.30	GYA	13.9	285	P	05 04	49.8	-0.5				
			LZ	$M_s=4.4$	12.0	0.90				LE	$M_s=5.0$	10.0	1.50				
			eP	17 28	21.0	-2.2				LZ	$M_s=4.7$	10.0	2.60				
TIA	2.2	103	eP	17 28	49.0	0.5	XAN	15.2	316	P	05 05	06.9	-0.7				
			PMZ	$m_b=4.3$	0.8	0.010				S	05 07	54.0	-2.5				
			sS	17 33	16.0	3.1				LN	$M_s=5.1$	8.0	2.10				
BJI	3.6	22	LE	$M_s=4.6$	10.0	0.71	TIY	16.1	333	eP	05 05	21.0	2.0				
			LZ	$M_s=4.4$	10.0	0.64				SS	05 08	42.0	6.1				
			eP	17 28	21.0	0.3				LN	$M_s=5.1$	10.0	4.02				
TIA	2.2	103	eP	17 28	21.0	0.3	BJI	17.0	345	eP	05 05	32.0	1.9				
			Pg	19 28	28.0	-1.3				LZ	$M_s=4.8$	12.0	3.01				
			Sg	19 29	12.5	-5.6											
BJI	3.6	22	Sg	19 29	12.5	-5.6											
			SMN	$M_L=3.2$	0.5	0.076											



				SMN		M _L = 3.5	
				SME			
CD2	17.5	298	PMZ	m _b = 4.7	2.0	0.066	
			LN	M _s = 4.7	10.0	1.45	
			eP	05 05 36.2	-0.3		
			S	05 08 52.5	3.5		
SNY	18.2	5	LE	M _s = 5.2	9.0	4.76	
			LZ	M _s = 5.4	15.0	14.3	
			eP	05 05 50.0	4.8		
			S	05 09 08.0	3.0		
HHC	19.1	336	sS	05 09 13.5	0.5		
			LE	M _s = 4.9	14.0	2.90	
			LZ	M _s = 4.4	16.0	1.52	
			eP	05 05 59.0	2.2		
BTO	19.5	333	eS	05 09 26.0	-1.3		
			LN	M _s = 4.8	9.0	1.30	
			LE		11.0	0.55	
			LZ	M _s = 4.5	14.0	1.42	
LZH	19.8	313	eP	05 06 02.5	1.1		
			eS	05 09 33.0	-3.4		
			LN	M _s = 5.2	10.0	3.20	
			LE		10.0	1.80	
CN2	20.3	8	LZ	M _s = 4.9	10.0	2.40	
			eP	05 06 04.0	-0.2		
			PMZ	m _b = 4.7	2.0	0.071	
			PMZ	m _b = 5.1	6.0	0.50	
MDJ	21.9	15	sP	05 06 12.0	-0.2		
			PP	05 06 25.5	3.5		
			eS	05 09 40.0	-1.9		
			sS	05 09 47.0	-1.6		
GTA	24.3	315	LN	M _s = 5.1	8.0	1.82	
			LE		8.0	1.86	
			LZ	M _s = 4.9	11.0	2.63	
			eP	05 06 12.4	2.4		
LSA	27.9	289	pP	05 06 16.0	1.0		
			eS	05 09 55.0	1.9		
			LN	M _s = 4.8	9.0	0.80	
			LE		9.0	1.30	
WMQ	34.3	314	LZ	M _s = 4.9	10.0	2.50	
			eP	05 06 28.0	2.1		
			PMZ	m _b = 4.6	1.0	0.025	
			sP	05 06 34.5	0.5		
SSE	2.7	228	LN	M _s = 4.9	13.0	1.48	
			LE		14.0	1.92	
			LZ	M _s = 4.4	13.0	0.98	
			eP	05 06 49.0	-0.5		
NJ2	4.0	259	PMZ	m _b = 5.4	3.5	0.43	
			S	05 11 04.0	-0.8		
			sS	05 11 12.0	-2.1		
			LE	M _s = 4.8	10.0	1.18	
GTA	24.2	315	LZ	M _s = 4.8	10.0	1.60	
			eP	05 07 28.2	4.6		
			LE	M _s = 4.4	9.0	0.31	
			eP	05 08 20.0	-0.1		
SSE	2.7	228	PP	05 09 36.0	1.5		
			eS	05 13 43.5	-3.5		
			LN	M _s = 5.0	10.0	0.65	
			LE		10.0	0.95	
SSE	2.7	228	LZ	M _s = 4.8	12.0	1.14	
			Pg	08 49 34.5	-1.7		
			Sg	08 50 08.5	-4.6		
			SMN	M _L = 3.5	0.5	0.25	
NJ2	4.0	259	SME		0.5	0.23	
			-Pg	08 49 59.0	-0.9		
			Sg	08 50 52.0	-3.1		
DEC 15d 08h 48m 48.3 ± 0.05s, SD2.91 / 8 32.93 N ± 0.60km, 123.53 E ± 0.39km, h17 ± 0.88km Off coast of Eastern China (666) M _L 3.5 / 7,							
SSE	2.7	228	Pg	08 49 34.5	-1.7		
			Sg	08 50 08.5	-4.6		
			SMN	M _L = 3.5	0.5	0.25	
			SME		0.5	0.23	
NJ2	4.0	259	-Pg	08 49 59.0	-0.9		
			Sg	08 50 52.0	-3.1		
DEC 15d 09h 53m 00.6 ± 0.09s, SD2.14 / 41 23.70 N ± 1.12km, 121.57 E ± 1.19km, h6 ± 0.44km Taiwan (244) M _s 4.3 / 16, M _L 4.2 / 11, m _b 4.5 / 8							
QZH	3.0	295	Pn	09 53 48.5	-0.2		
			Sn	09 54 23.9	-2.8		
			SMN	M _L = 4.2	0.8	1.47	
			SME		1.0	0.60	
SSE	7.4	357	P	09 54 50.5	-1.0		
			pP	09 54 54.0	-1.6		
			eS	09 56 16.0	-0.3		
			SMN	M _L = 4.2	1.2	0.068	
NJ2	8.7	345	SME		1.2	0.12	
			LN	M _s = 4.0	8.0	0.90	
			LZ	M _s = 3.5	16.0	0.53	
			+P	09 55 08.2	-1.3		
LZH	19.7	313	S	09 56 46.0	-2.2		
			SMN	M _L = 4.5	1.0	0.096	
			SME		1.0	0.11	
			LN	M _s = 4.1	9.0	0.88	
WHN	9.4	318	LE		8.0	0.43	
			LZ	M _s = 3.9	11.0	0.69	
			eP	09 55 18.5	-0.8		
			eS	09 57 06.0	0.0		
QZN	11.9	249	LN	M _s = 4.3	11.0	1.30	
			LE		10.0	0.80	
			eP	09 55 55.7	2.1		
			eS	09 58 05.6	-2.0		
GYA	13.8	285	LN	M _s = 4.1	13.0	0.81	
			P	09 56 21.2	1.9		
			S	09 58 51.2	-2.0		
			LN	M _s = 4.6	10.0	1.30	
XAN	15.1	316	LE		10.0	0.70	
			P	09 56 35.5	-1.2		
			LN	M _s = 4.6	7.0	0.80	
			LE		8.0	0.60	
TIY	16.0	333	eP	09 56 51.0	2.7		
			LN	M _s = 4.0	9.0	0.29	
			LZ	M _s = 4.2	12.0	0.72	
			eP	09 57 03.5	3.8		
BJI	16.9	346	PMZ	m _b = 4.5	2.0	0.044	
			eP	09 57 06.8	1.3		
			eS	10 00 22.0	4.2		
			LN		0.9	1.40	
CD2	17.4	298	LZ	M _s = 4.7	9.0	1.51	
			eP	09 57 29.0	2.6		
			eS	09 57 32.0	1.1		
			eS	10 01 05.0	0.1		
HHC	19.0	336	LN	M _s = 4.5	11.0	0.70	
			LE		11.0	0.70	
			LZ	M _s = 4.2	11.0	0.60	
			eP	09 57 35.0	1.5		
BTO	19.4	333	PMZ	m _b = 4.4	2.0	0.036	
			sP	09 57 44.0	3.1		
			LE	M _s = 4.3	9.0	0.50	
			LZ	M _s = 4.2	12.0	0.61	
GTA	24.2	315	LZ	M _s = 4.2	12.0	0.61	
			eP	09 58 22.4	3.3		
			PMZ	m _b = 4.2	1.2	0.010	
DEC 15d 10h 42m 28.3 ± 0.07s, SD1.94 / 62 23.73 N ± 1.05km, 121.61 E ± 1.04km, h7 ± 0.37km Taiwan (244) M _s 4.8 / 27, M _L 4.6 / 10, m _b 5.4 / 1,							
QZH	3.0	294	ePn	10 43 15.0	-1.6		
			eSn	10 43 50.0	-4.9		

SSE	7.3 357	SMN	$M_L=4.8$	1.4	4.72	CN2	20.3 8	eP	10 47 09.8	2.3			
		SME		1.4	1.94			pP	10 47 13.6	1.4			
		LE	$M_S=4.6$	8.0	11.5			eS	10 50 53.0	2.8			
		LZ	$M_S=4.8$	8.0	13.4			LZ	$M_S=4.7$	12.0	1.80		
		eP	10 44 15.6	-3.2			MDJ	21.8 15	eP	10 47 24.3	0.7		
		pP	10 44 20.0	-3.1			GTA	24.2 315	eP	10 47 46.8	0.0		
		SMN	$M_L=4.5$	1.4	0.25				PMZ	$m_b=4.8$	2.2	0.070	
GZH	7.6 267	SME		1.2	0.12			PMZ	$m_B=5.4$	3.5	0.43		
		LN	$M_S=4.5$	10.0	3.12			sS	10 52 14.0	3.8			
		LE		12.0	1.80			LE	$M_S=4.8$	10.0	1.18		
		P	10 44 20.2	-2.4				LZ	$M_S=4.7$	11.0	1.23		
		LN	$M_S=4.6$	8.0	2.71		WMQ	34.2 314	P	10 49 19.7	2.3		
NJ2	8.6 344	LE		9.0	2.40			PP	10 50 36.0	4.7			
		LZ	$M_S=4.4$	10.0	2.43			LZ	$M_S=4.6$	10.0	0.61		
		+P	10 44 33.5	-3.4									
		PMZ	$m_b=5.1$	1.0	0.084								
WHN	9.4 318	SMN	$M_L=4.6$	1.2	0.15								
		SME		1.2	0.11								
		LN	$M_S=4.8$	9.0	3.72								
		LE		7.0	2.12								
		LZ	$M_S=4.4$	10.0	2.25								
		eP	10 44 48.5	1.5									
		eS	10 46 35.0	1.3									
		sS	10 46 39.0	-1.8									
		SMN		1.2	0.40								
		SME		1.2	0.20								
QZN	11.9 249	LN	$M_S=4.8$	8.0	2.54								
		LE		9.0	3.04								
		LZ	$M_S=4.5$	8.0	2.10								
		eP	10 45 22.6	0.7									
		eS	10 47 38.5	2.3									
GYA	13.8 284	LN	$M_S=4.3$	13.0	1.20								
		P	10 45 46.0	-1.3									
		pP	10 45 53.4	2.2									
		SMN		1.8	0.80								
		SME		1.8	0.70								
XAN	15.1 316	LN	$M_S=4.8$	10.0	1.00								
		LE		10.0	2.40								
		P	10 46 04.5	0.1									
		LN	$M_S=4.7$	8.0	1.00								
		LE		10.0	1.60								
KMI	17.2 279	-P	10 46 36.0	4.3									
		pP	10 46 40.0	4.4									
		sP	10 46 43.0	3.9									
		S	10 49 47.0	5.4									
		LN	$M_S=5.0$	9.0	1.10								
		LE		9.0	2.20								
		LZ	$M_S=4.9$	10.0	2.90								
CD2	17.4 298	eP	10 46 34.0	0.6									
		LE	$M_S=5.0$	9.0	2.45								
		LZ	$M_S=5.4$	8.0	7.94								
HHC	19.0 336	eP	10 46 57.0	3.1									
		eS	10 50 26.5	3.0									
		LN	$M_S=4.9$	8.0	1.51								
		LZ	$M_S=4.5$	12.0	1.25								
BTO	19.4 333	eP	10 47 01.0	2.5									
		eS	10 50 34.0	1.6									
		LN	$M_S=5.0$	10.0	2.00								
		LE		10.0	1.40								
LZH	19.7 313	LZ	$M_S=4.7$	10.0	1.70								
		eP	10 47 02.0	0.7									
		PMZ	$m_b=4.5$	1.5	0.034								
		pP	10 47 07.5	1.9									
SSE	7.3 357	PP	10 47 21.0	2.3									
		eS	10 50 38.0	0.0									
		sS	10 50 47.0	2.9									
		LE	$M_S=4.6$	9.0	1.00								
		LZ	$M_S=4.6$	12.0	1.48								
DEC 15d 11h 59m 40.9 ± 0.06s, SD1.68 / 41 23.86 N ± 0.87km, 121.74 E ± 0.76km, h9 ± 0.33km Taiwan (244) $M_S 4.2 / 12, M_L 4.4 / 10, m_b 4.2 / 6$													
QZH	3.1 291	Pn							12 00 30.2	0.4			
		Sn							12 01 05.5	-3.0			
SSE	7.2 356	SMN							$M_L=4.1$	0.8	0.89		
		SME								0.8	0.46		
GZH	7.7 266	eP							12 01 27.5	-1.8			
		P							12 01 36.4	-0.3			
		S							12 03 02.6	-2.6			
SSE	7.2 356	SMN							$M_L=4.4$	1.0	0.14		
		SME								1.0	0.12		
GZH	7.7 266	+P							12 01 47.0	-0.9			
		PMZ								$m_b=5.0$	0.8	0.063	
NJ2	8.5 343	S							12 03 19.0	-6.1			
		SMN								$M_L=4.6$	1.0	0.11	
		SME									1.0	0.14	
		LN	$M_S=4.1$	10.0	0.82						10.0	0.82	
		LE		7.0	0.35						7.0	0.35	
WHN	9.4 317	LZ	$M_S=3.8$	11.0	0.56								
		eP								12 01 57.5	-1.5		
		sP								12 02 03.5	-3.1		
GYA	13.9 284	eS							12 03 45.0	-0.4			
		SMN									1.2	0.20	
		LN	$M_S=4.2$	10.0	0.60						10.0	0.60	
		LE		10.0	0.84						10.0	0.84	
		P	12 03 00.4	-0.3									
XAN	15.1 315	S							12 05 32.4	-3.2			
		SMN									1.8	0.20	
		SME									1.8	0.10	
		LN	$M_S=4.5$	10.0	0.90						10.0	0.90	
		LE		10.0	0.80						10.0	0.80	
TIY	15.9 332	P							12 03 16.5	0.0			
		LN	$M_S=4.4$	8.0	0.50						10.0	0.50	
		LE		10.0	0.70						10.0	0.70	
CD2	17.4 298	eP							12 03 32.0	4.7			
		LN	$M_S=4.1$	10.0	0.47						10.0	0.47	
LZH	19.7 312	LZ	$M_S=4.3$	10.0	0.76								
		eP	12 03 47.4	1.2									
MDJ	21.7 15	eP							12 04 14.0	0.5			
		PMZ								$m_b=4.4$	2.0	0.032	
		LE	$M_S=4.2$	8.0	0.29						8.0	0.29	
GTA	24.2 315	LZ	$M_S=4.3$	10.0	0.59								
		eP	12 04 34.3	0.2									
SSE	7.3 357	eP							12 05 00.0	1.1			
		eP	12 05 00.0	1.1									
DEC 15d 13h 20m 40.2 ± 0.03s, SD2.11 / 8 39.10 N ± 0.29km, 92.21 E ± 0.27km, h7 ± 0.05km Qinghai Province (325) $M_L 3.6 / 6,$													
WMQ	5.8 326	ePg							13 22 21.4	-1.4			
		Sg							13 23 42.8	1.0			

		SMN	$M_L = 3.6$	0.6	0.050						
		SME		0.6	0.050	DEC 16d 03h 04m $29.5 \pm 0.04s$, SD3.08 / 7					
GTA	5.9 85	ePn	13 22 09.6	0.9		40.57 N $\pm 0.43km$, 122.92 E $\pm 0.34km$, h15 $\pm 0.29km$					
		Sg	13 23 41.0	-4.4		North-Eastern China (658)					
		SMN	$M_L = 2.9$	0.6	0.013	$M_L 3.2 / 7$,					
		SME		0.6	0.0070	SNY	1.3 22	Pn	03 04 51.6	-2.7	
								Pg	03 04 52.0	-1.5	
								Sg	03 05 08.4	-3.6	
								SMN	$M_L = 3.3$	0.6 0.55	
								SME		0.6 0.42	
						CN2	3.7 29	ePg	03 05 37.6	2.0	
								Sg	03 06 21.8	-4.8	
								SMN	$M_L = 3.3$	0.8 0.060	
								SME		0.8 0.080	
						DEC 15d 15h 08m $58.1 \pm 0.08s$, SD2.85 / 15					
						44.21 N $\pm 0.65km$, 118.54 E $\pm 0.68km$, h13 $\pm 0.22km$					
						North-Eastern China (658)					
						$M_L 3.6 / 12$,					
SNY	4.4 121	Pg	15 10 19.3	3.5							
		Sg	15 11 15.0	-0.8							
		SMN	$M_L = 3.8$	0.8	0.18						
		SME		1.0	0.17						
BJI	4.5 204	Pn	15 10 06.0	-0.7							
		Pg	15 10 16.0	-1.9							
		SMN	$M_L = 3.7$	1.0	0.10						
		SME		1.0	0.14						
CN2	5.0 92	ePn	15 10 10.4	-2.9							
		Pg	15 10 30.4	4.0							
		eSn	15 11 09.6	-3.5							
		Sg	15 11 34.2	-0.6							
		SMN	$M_L = 3.4$	0.6	0.060						
		SME		0.6	0.030						
HHC	6.1 239	ePn	15 10 32.8	3.6							
		SMN	$M_L = 4.2$	1.0	0.12						
		SME		1.0	0.17						
BTO	7.3 243	ePg	15 11 09.2	2.6							
		SMN	$M_L = 3.5$	0.8	0.020						
		SME		0.8	0.020						
						DEC 16d 05h 15m $45.9 \pm 0.08s$, SD2.13 / 41					
						23.93 N $\pm 1.11km$, 121.60 E $\pm 1.03km$, h11 $\pm 0.40km$					
						Taiwan (244)					
						$M_S 4.5 / 19$, $M_L 4.4 / 11$, $m_b 4.4 / 6$					
						QZH	2.9 291	Pn	05 16 32.7	0.0	
								Sn	05 17 06.9	-2.8	
								SMN	$M_L = 4.2$	1.2 1.47	
								SME		1.2 0.58	
								LE		7.0 6.41	
								LZ		8.0 7.75	
						SSE	7.1 357	P	05 17 33.0	-0.2	
								S	05 18 54.5	-0.4	
								SMN	$M_L = 4.4$	1.0 0.14	
								SME		1.0 0.14	
								LN	$M_S = 4.1$	8.0 1.13	
								LZ	$M_S = 3.4$	16.0 0.44	
						NJ2	8.4 344	+P	05 17 51.0	-0.3	
								S	05 19 24.0	-3.4	
								SMN	$M_L = 4.8$	1.2 0.22	
								SME		0.8 0.24	
								LN	$M_S = 4.5$	8.5 2.08	
								LE		8.5 1.37	
								LZ	$M_S = 4.3$	10.0 1.61	
						WHN	9.2 317	eP	05 18 01.0	-1.0	
								eS	05 19 46.0	-0.7	
								SMN		1.5 0.40	
								SME		1.2 0.20	
								LE	$M_S = 4.4$	8.0 1.40	
								LZ	$M_S = 4.1$	10.0 1.00	
						QZN	12.0 248	eP	05 18 41.5	1.6	
								eS	05 20 57.5	2.9	
								LE	$M_S = 4.2$	9.0 0.76	
						GYA	13.8 284	P	05 19 03.0	-0.7	
								S	05 21 32.6	-4.3	
								SMN		1.7 0.50	
								SME		1.8 0.20	
								LN	$M_S = 4.5$	9.0 0.70	
								LE		9.0 1.00	
						CD2	17.3 298	eP	05 19 49.0	-0.2	
								LN	$M_S = 4.9$	8.0 2.11	
								LZ	$M_S = 5.0$	12.0 4.34	
						BTO	19.3 332	eP	05 20 15.0	1.5	
								eS	05 23 49.0	3.9	
								LN	$M_S = 4.7$	10.0 1.00	
								LE		10.0 0.90	
								LZ	$M_S = 4.4$	10.0 0.80	
						LZH	19.5 312	eP	05 20 20.0	3.3	
								LE	$M_S = 4.5$	9.0 0.70	
								LZ	$M_S = 4.4$	10.0 0.80	
						MDJ	21.6 16	eP	05 20 35.0	-3.7	
						DEC 16d 05h 23m $53.9 \pm 0.05s$, SD1.38 / 118					
						35.59 N $\pm 0.52km$, 140.21 E $\pm 0.52km$, h71 $\pm 0.58km$					

Near south coast of Honshu (230)
 $m_b 4.9 / 28,$

MDJ	12.1	321	eP	05 26 48.5	2.7		
			PMZ	$m_b = 5.0$		1.0	0.027
NJ2	18.1	265	eP	05 28 02.0	0.0		
BJI	19.5	290	eP	05 28 16.5	-1.4		
			PMZ	$m_b = 4.4$		1.1	0.021
WHN	22.2	264	eP	05 28 46.0	0.1		
TIY	22.4	284	eP	05 28 48.4	1.1		
BTO	24.2	291	eP	05 29 06.6	1.2		
XAN	25.7	276	P	05 29 18.5	-0.9		
LZH	29.4	282	eP	05 29 52.0	-1.1		
GYA	30.0	262	P	05 29 57.6	-1.2		
CD2	30.7	272	eP	05 30 04.6	-0.3		
GTA	32.1	289	eP	05 30 17.4	0.5		
WMQ	40.6	298	P	05 31 30.0	0.9		

DEC 16d 10h 06m $56.1 \pm 0.03s$, SD1.05 / 123
7.02 S $\pm 0.70km$, 127.30 E $\pm 1.14km$, h279 $\pm 0.10km$
Banda Sea (280)
 $m_b 4.9 / 32,$

SSE	38.3	352	+P	10 13 52.5	0.1		
			PMZ	$m_b = 4.8$		1.0	0.049
GYA	38.8	330	-P	10 13 57.6	1.0		
			PMZ	$m_b = 4.8$		1.0	0.050
			PcP	10 16 02.4	0.8		
WHN	39.4	342	-iP	10 14 02.2	1.5		
			PMZ	$m_b = 4.7$		1.2	0.050
NJ2	39.7	349	-iP	10 14 04.4	1.1		
			PMZ	$m_b = 5.4$		0.8	0.16
KMI	39.9	324	-P	10 14 07.0	1.5		
CD2	43.9	330	-iP	10 14 38.0	0.1		
			PMZ	$m_b = 5.0$		0.6	0.051
TIA	44.0	348	eP	10 14 38.0	-0.7		
XAN	44.4	338	+iP	10 14 40.6	-0.9		
DL2	46.0	354	P	10 14 54.0	0.0		
TIY	46.6	344	eP	10 14 58.0	-0.9		
BJI	47.9	348	eP	10 15 08.5	-0.5		
			PMZ	$m_b = 4.6$		1.2	0.032
			PcP	10 16 31.5	-1.1		
SNY	48.7	356	-iP	10 15 14.8	-0.3		
			PMZ	$m_b = 5.0$		1.0	0.062
HHC	49.8	344	P	10 15 23.0	-0.2		
LSA	50.4	318	P	10 15 28.8	0.7		
CN2	50.6	358	P	10 15 28.4	-0.8		
MDJ	51.4	2	-P	10 15 35.4	0.1		
			PMZ	$m_b = 4.9$		1.2	0.057
GTA	52.7	333	-iP	10 15 45.4	0.3		
			PMZ	$m_b = 5.0$		1.0	0.060
			PcP	10 16 51.0	0.7		
WMQ	62.0	328	P	10 16 49.0	-0.3		

DEC 16d 10h 28m $49.1 \pm 0.04s$, SD2.36 / 7
37.71 N $\pm 0.37km$, 102.46 E $\pm 0.38km$, h11 $\pm 0.16km$
Qinghai Province (325)
 $M_L 3.6 / 7,$

LZH	2.0	145	+Pg	10 29 23.0	-1.0		
			Sg	10 29 49.0	-1.6		
			SMN	$M_L = 3.8$		0.5	0.92
			SME			0.5	0.53
GTA	2.7	310	ePn	10 29 34.1	1.4		
			Pg	10 29 37.6	1.2		
			Sg	10 30 13.8	0.7		
			SMN	$M_L = 3.6$		0.6	0.27
			SME			0.6	0.38

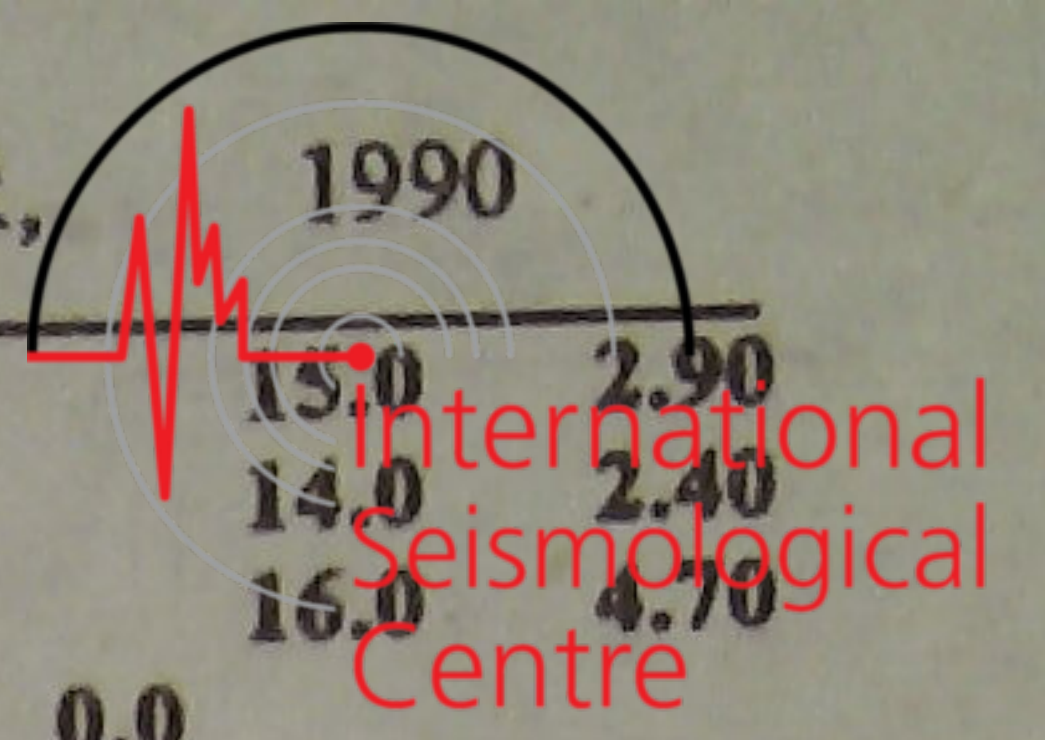
DEC 16d 15h 45m $40.3 \pm 0.04s$, SD1.16 / 346
41.40 N $\pm 0.70km$, 43.73 E $\pm 0.40km$, h34 $\pm 0.14km$

Turkey-USSR border region (367)
 $M_S 5.5 / 39, m_b 5.3 / 3, m_b 5.3 / 102$

KSH	24.5	84	P	15 51 00.0	1.9		
			pP	15 51 09.0	2.0		
			sP	15 51 14.0	3.0		
			eS	15 55 19.0	5.1		
			LN	$M_S = 5.7$		11.0	9.90
WMQ	32.2	71	P	15 52 07.7	0.0		
			S	15 57 22.5	6.1		
			LZ	$M_S = 5.1$		12.0	2.58
LSA	39.9	92	+P	15 53 14.5	1.3		
			eS	15 59 15.0	-1.2		
GTA	42.1	73	-iP	15 53 32.4	0.8		
			PMZ	$m_b = 5.3$		8.0	0.43
			pP	15 53 38.0	-2.8		
			PP	15 55 18.5	6.2		
			LE	$M_S = 5.3$		12.0	1.70
			LZ	$M_S = 5.2$		14.0	2.30
LZH	46.4	76	-iP	15 54 06.5	0.6		
			PMZ	$m_b = 5.7$		1.0	0.10
			PMZ	$m_b = 5.2$		10.0	0.32
			PP	15 55 55.5	1.4		
			eS	16 00 50.0	-0.7		
			LN	$M_S = 5.4$		13.0	1.90
			LZ	$M_S = 4.9$		22.0	1.50
CD2	48.7	82	+iP	15 54 25.0	0.9		
			PMZ	$m_b = 5.3$		1.0	0.040
			LN	$M_S = 5.2$		10.0	0.82
			LZ	$M_S = 5.3$		15.0	2.58
BTO	48.9	68	P	15 54 26.0	0.5		
			pP	15 54 36.0	1.1		
			PP	15 56 20.0	1.8		
			eS	16 01 30.5	4.2		
			LN	$M_S = 5.5$		15.0	1.80
			LE			15.0	2.00
			LZ	$M_S = 5.2$		18.0	2.20
HHC	49.9	67	P	15 54 33.8	0.8		
			PMZ	$m_b = 5.5$		1.0	0.066
			eS	16 01 43.0	3.1		
			LN	$M_S = 5.6$		10.0	1.50
			LE			10.0	1.17
			LZ	$M_S = 5.3$		20.0	2.94
KMI	51.0	89	-P	15 54 41.5	-0.2		
			PMZ	$m_b = 5.6$		2.0	0.15
			pP	15 54 52.5	1.6		
			sP	15 54 58.0	3.1		
			LE	$M_S = 5.2$		20.0	1.50
			LZ	$M_S = 5.0$		20.0	1.50
XAN	51.0	76	+P	15 54 41.8	0.2		
			S	16 02 00.0	5.7		
			LN	$M_S = 5.4$		10.0	0.90
			LE			12.0	1.31
TIY	51.8	70	eP	15 54 48.0	0.2		
			S	16 02 10.0	4.4		
			LN	$M_S = 4.6$		20.0	0.40
			LZ	$M_S = 5.1$		20.0	2.00
GYA	53.2	85	-P	15 54 57.4	-0.9		
			pP	15 55 07.8	0.1		
BJI	53.4	66	eP	15 54 59.5	0.1		
			PMZ	$m_b = 5.3$		0.9	0.037
			LN	$M_S = 5.6$		13.0	2.18
			LE			13.0	0.90
TIA	55.9	69	eP	15 55 17.1	-0.3		
			eS	16 03 08.0	6.8		
			LN	$M_S = 5.7$		13.0	2.60
			LE			18.0	1.75
WHN	56.7	77	eP	15 55 23.2	-0.5		
			PMZ	$m_b = 5.2$		1.0	0.030



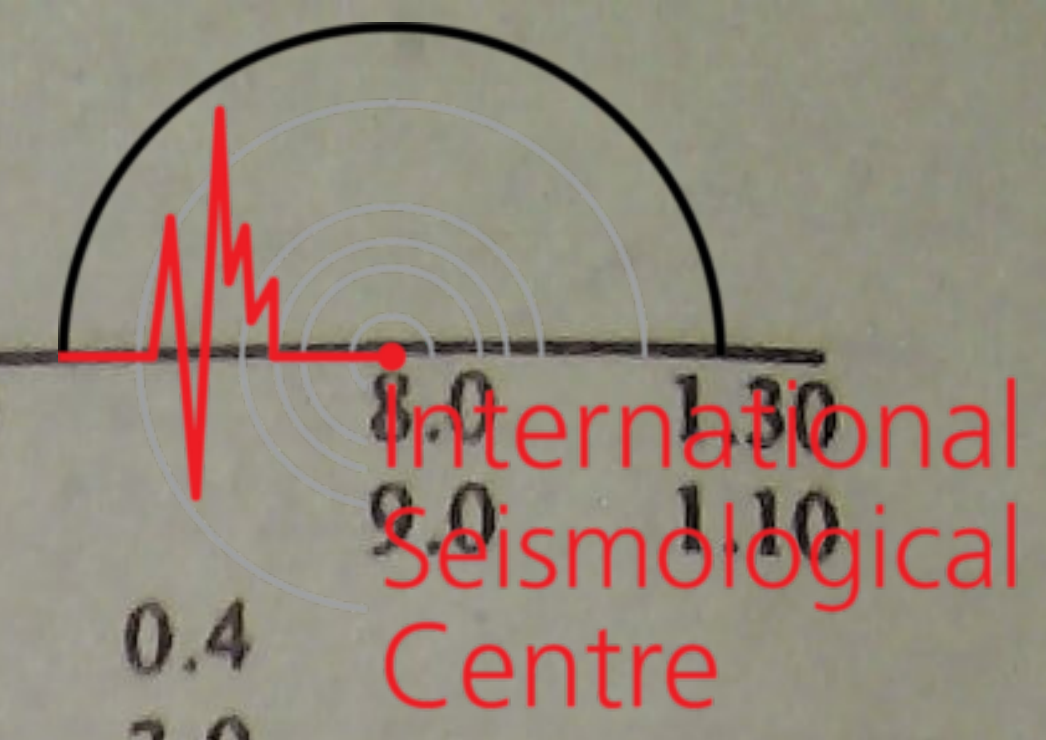
BJI	53.5	60	eP	22 28	11.5	0.0				SMN	$M_L = 4.9$						
			PMZ		$m_b = 5.1$		0.7	0.020		SME							
			eS	22 35	45.0	2.7				LE	$M_S = 4.8$						
			ScS	22 38	00.0	3.7				LZ	$M_S = 5.0$						
			LN		$M_S = 5.8$		18.0	5.00	SSE	7.2	356	P	22 44	45.8	-1.4		
QZN	53.9	87	P	22 28	14.6	-0.2						sP	22 44	52.0	-2.6		
			eS	22 35	47.0	-1.4						S	22 46	07.0	-2.6		
			LN		$M_S = 5.6$		15.0	2.66				SMN		$M_L = 4.6$	1.1	0.23	
WHN	54.1	72	eP	22 28	16.0	0.1				SME					1.0	0.30	
			pP	22 28	24.0	1.7				LN	$M_S = 4.4$				10.0	2.49	
			S	22 35	50.0	0.8				LZ	$M_S = 4.3$				12.0	2.49	
			LN		$M_S = 6.4$		14.0	2.70	GZH	7.7	266	+iP	22 44	53.0	-1.8		
			LE				10.0	12.6				SMN		$M_L = 5.0$	1.0	0.64	
TIA	54.9	64	+P	22 28	22.1	-0.3				SME					1.0	0.37	
			S	22 36	00.0	-1.0				LN	$M_S = 4.7$				8.0	2.50	
			LN		$M_S = 5.7$		16.0	2.50		LE					8.0	2.40	
			LE				18.0	3.16		LZ	$M_S = 4.8$				8.0	4.50	
			LZ		$M_S = 5.4$		26.0	4.13	NJ2	8.5	343	-P	22 45	03.6	-2.1		
NJ2	57.4	69	-P	22 28	39.4	-0.4				PMZ		$m_b = 5.5$			0.8	0.17	
			S	22 36	34.0	0.8				S			22 46	37.2	-5.5		
			LN		$M_S = 5.7$		16.0	2.38		SMN		$M_L = 5.1$			1.0	0.44	
			LE				17.0	2.80		SME					1.0	0.41	
			LZ		$M_S = 5.3$		22.0	2.52		LN	$M_S = 4.8$				9.0	4.60	
DL2	57.8	60	P	22 28	42.0	-1.0				LE					9.0	2.55	
			S	22 36	44.0	4.7				LZ	$M_S = 4.6$				10.0	3.22	
			LN		$M_S = 6.0$		18.0	3.60	WHN	9.3	317	eP	22 45	15.0	-1.9		
			LE				20.0	7.26				sP	22 45	20.0	-4.2		
			LZ		$M_S = 5.0$		34.0	2.21				cS	22 46	58.5	-4.5		
SNY	58.6	56	iP	22 28	47.4	-1.3				SMN						1.5	1.20
			PMZ		$m_b = 4.9$		0.6	0.010		SME						1.2	0.40
			PMZ		$m_B = 5.6$		7.0	0.56		LN	$M_S = 4.9$				10.0	2.90	
			pP	22 28	58.0	2.9				LE					10.0	4.60	
			PcP	22 29	37.3	-0.4				LZ	$M_S = 4.4$				12.0	2.40	
			S	22 36	50.0	0.1			QZN	12.1	249	eP	22 45	55.5	0.9		
			LN		$M_S = 6.0$		18.0	6.53				eS	22 48	13.0	2.5		
			LZ		$M_S = 5.7$		22.0	7.30	GYA	13.9	284	-P	22 46	17.8	-0.9		
SSE	59.5	69	P	22 28	54.0	-1.0						S	22 48	49.0	-4.4		
			PMZ		$m_b = 4.9$		1.1	0.017		SMN						1.8	1.30
			PMZ		$m_B = 5.7$		5.0	0.47		SME						1.8	0.70
			S	22 37	06.0	4.3				LN	$M_S = 5.0$				9.0	1.90	
			SS	22 41	04.0	5.8				LE					9.0	2.90	
			LN		$M_S = 5.8$		16.0	2.49		LZ	$M_S = 4.6$				10.0	2.20	
			LE				17.0	3.64	XAN	15.1	315	P	22 46	35.4	1.0		
			LZ		$M_S = 5.5$		20.0	3.68				LN		$M_S = 4.9$		10.0	2.17
CN2	59.6	54	+P	22 28	54.0	-1.1				LE					10.0	1.69	
			PMZ		$m_b = 5.3$		1.0	0.040	TIY	15.9	332	eP	22 46	47.0	1.8		
			PMZ		$m_B = 5.8$		5.0	0.70				LN		$M_S = 5.1$		13.0	5.12
			PP	22 31	09.0	1.4				LZ	$M_S = 4.7$				22.0	4.82	
			S	22 37	04.0	2.2			BJI	16.8	345	eP	22 47	00.5	4.4		
			eSS	22 41	02.0	3.7						PMZ		$m_b = 4.3$		1.0	0.014
			LN		$M_S = 6.0$		18.0	5.00	KMI	17.3	278	eP	22 47	06.0	2.7		
			LE				18.0	4.50				sP	22 47	14.0	3.1		
			LZ		$M_S = 6.1$		18.0	14.5	CD2	17.4	298	eP	22 47	04.0	-0.2		
MDJ	62.3	52	eP	22 29	14.9	1.4						LE		$M_S = 5.0$		10.0	3.27
			PMZ		$m_B = 5.5$		7.0	0.45				LZ		$M_S = 5.4$		10.0	9.04
			pP	22 29	21.0	1.1			HHC	18.9	336	P	22 47	25.8	2.6		
			eS	22 37	40.0	2.3			BTO	19.3	332	eP	22 47	28.6	0.7		
			SS	22 41	47.0	5.6			LZH	19.6	312	eP	22 47	32.5	1.1		
			LN		$M_S = 5.9$		12.0	1.81				PMZ		$m_b = 4.6$		2.0	0.053
			LE				12.0	2.95				pP	22 47	38.0	2.1		
			LZ		$M_S = 5.7$		20.0	5.60				LN		$M_S = 5.0$		10.0	2.60
<p>DEC 16d 22h 42m $59.1 \pm 0.05s$, $SD1.62 / 86$ $23.89 N \pm 0.95km$, $121.72 E \pm 0.82km$, $h8 \pm 0.43km$ Taiwan (244) $M_S 4.9 / 22$, $M_L 4.9 / 11$, $m_b 4.7 / 17$</p>										CN2	20.1	8	eP	22 47	35.2	-1.1	
QZH	3.0	291	iPn	22 43	47.4	-0.3			MDJ	21.6	15	eP	22 47	52.0	-0.3		
			Su	22 44	21.5	-4.7			GTA	24.1	315	eP	22 48	18.0	1.1		
												PMZ		$m_b = 4.5$		1.2	0.020
												LE		$M_S = 4.9$		10.0	1.50
												LZ		$M_S = 4.8$		10.0	1.60



LSA	27.8	289	P	22 48 52.8	0.9		
WMQ	34.2	314	P	22 49 48.0	0.3		
			S	22 55 13.5	0.9		
<p>DEC 17d 01h 21m 08.0 ± 0.05s, SD1.63 / 61 1.40 N ± 0.94km, 123.35 E ± 1.26km, h33 ± 0.06km Minahassa Peninsula (Celebes) (265) M_s4.8 / 12, m_b5.2 / 9,</p>							
QZN	22.0	324	eP	01 26 05.0	4.2		
			LN		M _s =4.7	15.0	1.72
GZH	23.6	336	eP	01 26 17.0	-0.4		
			S	01 30 30.0	4.1		
			LN		M _s =4.8	9.0	0.51
			LE			14.0	1.60
QZH	23.8	349	eP	01 26 20.0	0.6		
			LZ		M _s =4.5	16.0	1.19
SSE	29.6	356	eP	01 27 14.0	1.4		
			S	01 32 06.0	2.2		
			LN		M _s =4.4	10.0	0.36
			LZ		M _s =4.2	20.0	0.56
WHN	30.2	344	eP	01 27 19.0	1.0		
			LE		M _s =4.9	16.0	1.60
			LZ		M _s =4.6	20.0	1.30
NJ2	30.8	353	eP	01 27 22.5	-0.5		
			LN		M _s =4.7	15.0	0.89
CD2	34.7	330	eP	01 27 56.2	-1.2		
			eS	01 33 20.0	-4.7		
			LZ		M _s =4.7	19.0	1.39
XAN	35.2	339	P	01 28 00.5	-0.7		
TIY	37.5	346	eP	01 28 20.9	-0.1		
LZH	39.0	335	eP	01 28 34.5	1.2		
			PMZ		m _b =4.9	2.5	0.053
			LE		M _s =4.7	15.0	0.64
			LZ		M _s =4.6	20.0	0.90
BJI	39.0	351	eP	01 28 33.0	-0.4		
			PMZ		m _b =5.3	2.0	0.094
			eS	01 34 32.0	1.7		
SNY	40.2	0	eP	01 28 43.4	-0.3		
			pP	01 28 57.0	3.9		
			S	01 34 50.0	2.1		
			LE		M _s =4.8	18.0	0.95
BTO	40.8	344	eP	01 28 49.5	0.7		
			eS	01 35 03.0	5.0		
			LN		M _s =5.3	18.0	2.50
			LE			14.0	1.00
			LZ		M _s =5.2	18.0	2.70
CN2	42.3	2	eP	01 28 56.0	-4.3		
GTA	43.5	333	-P	01 29 10.8	0.2		
			PMZ		m _b =5.0	1.4	0.030
			S	01 35 38.0	2.2		
			LE		M _s =4.8	12.0	0.50
			LZ		M _s =4.8	16.0	1.00
WMQ	52.8	328	P	01 30 22.5	-0.2		

						LN	M _s =5.1	15.0	2.90
						LE		14.0	2.40
						LZ	M _s =5.1	16.0	4.70
QZH	23.9	349	eP	01 49 00.0	0.0				
			PMZ		m _b =5.8			1.5	0.63
			PMZ		m _b =5.8			4.0	1.74
			pP	01 49 08.0	-0.9				
			S	01 53 12.0	1.6				
			sS	01 53 28.0	2.4				
			LN		M _s =4.9			16.0	2.40
			LZ		M _s =4.8			18.0	3.02
GYA	29.6	329	P	01 49 53.0	-0.3				
			pP	01 50 03.0	0.8				
			S	01 54 50.0	5.5				
			ScS	02 00 30.0	1.6				
SSE	29.6	356	-P	01 49 52.0	-1.2				
			PMZ		m _b =5.2			1.5	0.061
			PMZ		m _b =5.7			4.0	0.54
			sP	01 50 08.0	1.6				
			S	01 54 48.0	3.3				
			LN		M _s =5.1			20.0	2.84
			LE					20.0	1.96
			LZ		M _s =4.6			20.0	1.38
WHN	30.2	345	+P	01 49 59.5	1.0				
			sP	01 50 12.5	0.8				
			PP	01 50 59.5	2.2				
			S	01 54 59.0	4.9				
			LN		M _s =5.3			15.0	3.20
			LE					11.0	1.30
			LZ		M _s =5.0			18.0	2.70
NJ2	30.8	353	+P	01 50 04.2	0.6				
			S	01 55 08.0	4.9				
			LN		M _s =5.1			14.0	2.06
			LE					12.0	0.64
			LZ		M _s =4.8			16.0	1.48
KMI	30.8	322	eP	01 50 05.0	0.7				
			PMZ		m _b =5.3			2.5	0.14
			PMZ					3.0	0.20
			pP	01 50 15.0	1.9				
			sP	01 50 19.0	1.9				
			S	01 55 06.0	2.2				
			sS	01 55 18.0	-1.8				
			LN		M _s =4.9			14.0	1.10
			LE					14.0	1.10
			LZ		M _s =5.1			16.0	3.00
CD2	34.7	330	eP	01 50 37.0	-0.7				
			S	01 56 05.3	1.2				
			LN		M _s =5.1			13.0	1.67
			LZ		M _s =5.2			20.0	4.24
TIA	35.1	351	P	01 50 40.8	-0.5				
			S	01 56 13.9	3.3				
			LN		M _s =5.1			15.0	1.87
			LZ		M _s =4.8			20.0	1.88
XAN	35.2	339	P	01 50 41.4	-0.2				
			sP	01 50 55.3	0.6				
			S	01 56 13.5	2.4				
			ScP	01 56 50.0	-3.9				
			LN		M _s =5.3			14.0	1.39
			LE					14.0	2.43
DL2	37.4	358	eP	01 51 00.0	-0.3				
			eS	01 56 41.0	-5.2				
			LE		M _s =5.0			14.0	1.35
			LZ		M _s =4.7			15.0	0.99
TIY	37.5	346	eP	01 51 01.4	-0.1				
			sP	01 51 15.5	0.9				
			S	01 56 48.0	0.8				
			LN		M _s =5.3			15.0	2.64
LZH	39.0	335	eP	01 51 15.0	1.4				

<p>DEC 17d 01h 43m 48.3 ± 0.03s, SD1.20 / 131 1.36 N ± 0.62km, 123.27 E ± 0.98km, h33 ± 0.02km Minahassa Peninsula (Celebes) (265) M_s5.1 / 34, m_b5.7 / 6, m_b5.3 / 36</p>							
QZN	21.9	324	P	01 48 40.0	-1.0		
			pP	01 48 48.0	-1.8		
			PP	01 49 06.0	-0.4		
			eS	01 52 34.5	-2.1		
			SS	01 53 14.0	-0.7		
			LN		M _s =5.0	14.0	2.54
			LE			16.0	1.81
GZH	23.6	337	eP	01 49 00.0	2.2		
			sP	01 49 15.0	4.3		
			iS	01 53 12.0	4.9		



		PMZ	$m_b = 5.4$	2.0	0.13
		pP	01 51 22.0	-0.7	
		PP	01 52 47.5	0.6	
		eS	01 57 10.0	-0.4	
		sS	01 57 26.0	0.6	
		LE	$M_s = 5.1$	15.0	1.61
		LZ	$M_s = 5.1$	20.0	2.67
BJI	39.0 351	eP	01 51 13.5	-0.5	
		PMZ	$m_b = 5.6$	2.0	0.22
		esP	01 51 28.0	0.7	
		PP	01 52 46.0	-1.7	
		eS	01 57 08.0	-3.1	
		eScS	02 01 20.0	1.9	
		LN	$M_s = 4.8$	13.0	0.73
SNY	40.3 0	-iP	01 51 23.0	-1.4	
		PMZ	$m_b = 5.3$	1.4	0.077
		pP	01 51 30.4	-3.3	
		LN	$M_s = 5.1$	15.0	1.67
		LZ	$M_s = 5.1$	18.0	2.25
HHC	40.7 346	P	01 51 28.0	-0.1	
		S	01 57 34.0	-1.2	
		LN	$M_s = 5.1$	17.0	1.59
		LE		20.0	1.26
		LZ	$M_s = 5.2$	18.0	3.02
BTO	40.9 345	P	01 51 29.0	-0.3	
LSA	41.6 316	P	01 51 36.8	1.4	
		S	01 57 49.8	2.0	
		SMN		5.0	0.45
CN2	42.3 2	eP	01 51 39.5	-1.5	
MDJ	43.4 7	eP	01 51 50.0	-0.3	
		S	01 58 12.0	-3.3	
		LN	$M_s = 4.9$	16.0	0.97
		LZ	$M_s = 4.7$	28.0	1.22
GTA	43.5 333	-iP	01 51 51.5	0.6	
		PMZ	$m_b = 5.8$	3.5	0.52
		pP	01 51 59.0	-1.1	
		sP	01 52 01.8	-2.2	
		PcP	01 53 38.8	0.5	
		ScP	01 57 24.5	-1.3	
		PcS	01 57 30.0	0.3	
		S	01 58 19.0	2.8	
		sS	01 58 31.0	-1.6	
		SS	02 01 28.0	3.2	
		ScS	02 01 45.8	1.0	
		LE	$M_s = 5.3$	14.0	2.00
		LZ	$M_s = 5.4$	16.0	3.50
WMQ	52.8 328	P	01 53 03.1	0.1	
		PP	01 55 02.0	-1.0	
		S	02 00 30.0	3.4	
		ScS	02 02 48.0	2.0	
		LZ	$M_s = 5.2$	16.0	1.69

		LN	$M_s = 5.0$	8.9	1.30
		LE		9.0	1.10
QZH	23.9 350	eP	07 20 10.0	0.4	
		eS	07 24 24.0	3.0	
SSE	29.7 357	eP	07 21 05.6	2.6	
		sP	07 21 13.5	-2.5	
		S	07 25 58.0	3.1	
		LN	$M_s = 4.5$	10.0	0.46
		LZ	$M_s = 4.1$	20.0	0.46
WHN	30.3 345	eP	07 21 09.0	1.1	
		sP	07 21 18.5	-2.4	
		eS	07 26 08.0	3.5	
		LE	$M_s = 4.9$	17.0	1.70
		LZ	$M_s = 4.4$	18.0	0.80
KMI	30.8 322	eP	07 21 15.0	2.0	
NJ2	30.9 353	eP	07 21 10.0	-3.3	
CD2	34.7 330	eP	07 21 47.0	0.3	
		eS	07 27 16.5	2.6	
		LZ	$M_s = 4.6$	20.0	1.04
XAN	35.2 339	P	07 21 50.5	-0.4	
		S	07 27 18.0	-2.4	
		LN	$M_s = 4.9$	12.0	0.78
		LE		12.0	0.52
DL2	37.5 358	eP	07 22 08.6	-1.5	
		eS	07 27 52.0	-4.4	
		LZ	$M_s = 4.6$	15.0	0.75
TIY	37.6 346	eP	07 22 11.7	0.8	
		sS	07 28 11.0	-1.9	
		LN	$M_s = 4.8$	15.0	0.88
LZH	39.0 335	eP	07 22 22.5	-0.3	
		PMZ	$m_b = 4.9$	2.5	0.053
		sP	07 22 32.5	-3.2	
		S	07 28 20.0	1.8	
		LE	$M_s = 4.5$	15.0	0.40
		LZ	$M_s = 4.7$	18.0	0.98
BJI	39.1 352	eP	07 22 23.0	-0.6	
		eS	07 28 19.0	-2.0	
		LZ	$M_s = 4.4$	20.0	0.60
SNY	40.4 1	eP	07 22 33.0	-1.2	
		S	07 28 40.0	0.8	
		LN	$M_s = 4.8$	20.0	0.73
		LE		20.0	0.60
		LZ	$M_s = 4.7$	18.0	0.95
CN2	42.4 3	eP	07 22 51.0	0.1	
GTA	43.5 334	-P	07 23 01.0	1.0	
		PMZ	$m_b = 5.3$	4.0	0.21
		pP	07 23 06.6	-2.5	
		eS	07 29 30.0	3.5	
		LE	$M_s = 4.7$	12.0	0.40
		LZ	$M_s = 4.7$	18.0	0.90
MDJ	43.5 7	eP	07 23 02.0	1.8	
		S	07 29 28.0	2.1	

DEC 17d 04h 15m $14.2 \pm 0.04s$, SD1.34 / 36
 24.17 S $\pm 0.50km$, 179.80 W $\pm 1.11km$, $h625 \pm 0.33km$
 South of Fiji (171)
 $m_b 5.3 / 5$,

CN2	84.2 324	eP	04 26 43.5	0.1
TIY	88.5 313	-P	04 27 05.4	1.5

DEC 17d 07h 14m $57.4 \pm 0.06s$, SD1.66 / 66
 1.29 N $\pm 0.89km$, 123.10 E $\pm 1.46km$, $h32 \pm 0.06km$
 Minahassa Peninsula (Celebes) (265)
 $M_s 4.7 / 12$, $m_b 5.3 / 1$, $m_b 4.9 / 11$

QZN	21.9 324	eP	07 19 46.2	-3.6
		S	07 23 41.0	-3.3
		LN	$M_s = 4.6$	15.0 1.40
GZH	23.6 337	eP	07 20 04.5	-2.5
		S	07 24 21.2	5.5

DEC 17d 07h 53m $50.5 \pm 0.07s$, SD1.95 / 46
 23.60 N $\pm 0.94km$, 121.67 E $\pm 0.95km$, $h2 \pm 0.30km$
 Taiwan (244)

			$M_s 4.4 / 15$, $M_L 4.4 / 11$, $m_b 4.4 / 11$	
QZH	3.1 296	Pn	07 54 40.2	-0.5
		Sn	07 55 15.5	-5.0
		SMN	$M_L = 4.2$	0.8 1.02
		SME		1.0 0.67
		LE	$M_s = 4.3$	6.0 3.75
		LZ	$M_s = 4.4$	10.0 5.72
SSE	7.5 357	P	07 55 44.0	0.7
		PMZ	$m_b = 4.4$	0.7 0.020
		SMN	$M_L = 4.4$	1.1 0.086
		SME		1.1 0.20
		LN	$M_s = 4.1$	10.0 1.13

NJ2	8.8 344	LE		8.0	0.44	TIA	133.6 339	ePKP	11 19 45.5	-1.9			
		LZ	$M_S=3.6$	12.0	0.48			PP	11 22 25.0	6.0			
		eP	07 56 00.0	-1.5				LN	$M_S=6.3$	21.0	3.39		
		PMZ	$m_b=5.1$	0.8	0.075			LZ	$M_S=5.9$	41.0	4.45		
		SMN	$M_L=4.7$	1.0	0.12	GTA	134.0 358	PKP	11 19 51.2	3.1			
		SME		1.0	0.18			PP	11 22 17.6	-3.7			
		LN	$M_S=4.5$	9.5	2.00			PPMZ	$m_B=5.8$	8.0	0.39		
WHN	9.5 318	LE		8.0	1.11			PKS	11 23 21.4	-0.2			
		LZ	$M_S=4.2$	10.0	1.29			LN	$M_S=6.6$	23.0	6.60		
		eP	07 56 12.0	0.5				LZ	$M_S=6.3$	26.0	7.30		
		eS	07 57 57.5	-2.6			SSE	136.3 331	ePKP	11 19 51.0	-1.3		
		LN	$M_S=4.4$	8.0	1.40			PP	11 22 32.0	-3.4			
QZN	11.9 250	LE		10.0	1.00			SS	11 40 30.0	-3.6			
		eP	07 56 47.8	3.1				LN	$M_S=6.6$	22.0	1.26		
		eS	07 59 03.5	3.9				LE		22.0	6.53		
TIY	16.1 333	LN	$M_S=4.1$	12.0	0.72			LZ	$M_S=6.1$	20.0	3.68		
		eP	07 57 40.5	0.1			NJ2	136.6 334	ePKP	11 19 54.0	1.2		
		S	08 00 35.0	-4.5				eSS	11 40 40.0	3.2			
BJI	17.0 345	LN	$M_S=4.5$	11.0	1.27			LN	$M_S=6.4$	20.0	2.19		
		eP	07 57 55.5	3.9				LE		20.0	3.69		
		LN	$M_S=4.2$	10.0	0.54			LZ	$M_S=5.7$	21.0	1.49		
CD2	17.5 298	LZ	$M_S=4.1$	12.0	0.60	LZH	137.0 353	PKP	11 19 55.5	1.8			
		eP	07 57 57.4	-0.1				PP	11 22 37.5	-1.8			
		LE	$M_S=4.7$	9.8	1.47			PPMZ	$m_B=5.7$	9.0	0.37		
BTO	19.6 333	LZ	$M_S=5.0$	10.0	3.71			PKS	11 23 30.0	3.0			
		eP	07 58 27.0	4.2				SS	11 40 35.0	-6.5			
		eS	08 02 03.0	4.2				LE	$M_S=6.8$	20.0	9.70		
LZH	19.8 313	LN	$M_S=4.7$	11.0	1.10			LZ	$M_S=6.3$	20.0	5.10		
		LE		11.0	0.80	CD2	142.1 352	ePKP	11 20 03.8	1.1			
		LZ	$M_S=4.4$	11.0	0.90			LN	$M_S=6.7$	22.0	5.48		
MDJ	21.9 15	eP	07 58 27.5	2.0				LE		23.0	6.99		
		PMZ	$m_b=4.4$	1.5	0.028	QZH	142.7 328	PKP	11 20 04.0	0.4			
GTA	24.3 316	eP	07 58 48.0	0.5				LZ	$M_S=6.1$	24.0	3.37		
		PMZ	07 59 13.9	3.0			LSA	143.1 10	PKP	11 20 05.0	0.2		
				1.4	0.010	GTA	145.9 346	PKP	11 20 06.6	-2.8			
<p>DEC 17d 11h 00m $29.7 \pm 0.05s$, SD1.91 / 127 $6.82 N \pm 1.85km$, $81.85 W \pm 1.26km$, $h14 \pm 0.37km$ South of Panama (83) $M_S 6.5 / 23$, $m_b 5.9 / 4$, $m_b 5.7 / 40$</p>													
CN2	123.9 336	ePKP	11 19 28.0	-0.7				LN	$M_S=6.7$	22.0	1.20		
		ePP	11 21 13.0	-2.7				LE		22.0	7.70		
		LN	$M_S=6.4$	20.0	3.80	GZH	146.8 334	PKP	11 20 11.0	0.3			
		LE		20.0	3.10	KMI	147.9 352	ePKP	11 20 17.5	4.7			
		LZ	$M_S=6.5$	20.0	10.0			ePP	11 23 52.5	6.5			
SNY	126.3 337	PPMZ						PPMZ	$m_B=6.0$	6.0	0.60		
		ePKP	11 19 33.6	0.4			QZN	151.9 336	PKP	11 20 21.0	2.3		
		PP	11 21 26.0	-5.3				PP	11 24 10.0	2.4			
		SKKS	11 28 24.0	2.5				SS	11 43 29.0	-1.9			
		LN	$M_S=6.7$	23.0	7.14			LN	$M_S=6.3$	19.0	2.31		
WMQ	128.7 10	LE		20.0	4.81			LE		17.0	1.52		
		LZ	$M_S=6.1$	24.0	5.17			<p>DEC 18d 02h 33m $11.4 \pm 0.05s$, SD1.62 / 65 $42.52 S \pm 1.38km$, $16.10 W \pm 1.23km$, $h10 \pm 0.10km$ South Atlantic Ridge (410) $m_b 5.4 / 25$,</p>					
		ePKP	11 19 40.5	2.4			WMQ	126.3 61	ePKP	02 52 17.5	1.8		
		SS	11 39 00.0	-1.7			GTA	132.5 71	ePKP	02 52 28.3	0.6		
		LZ	$M_S=6.1$	28.0	5.18		LZH	133.9 77	ePKP	02 52 31.5	1.1		
BJI	130.5 342	ePKP	11 19 42.5	1.2			WHN	139.0 90	ePKP	02 52 36.5	-2.9		
		PP	11 21 54.0	-4.8			BTO	140.2 74	ePKP	02 52 37.4	-4.4		
		LE	$M_S=6.3$	18.0	2.80		NJ2	143.0 91	ePKP	02 52 45.5	-1.1		
HHC	131.0 347	LZ	$M_S=6.1$	24.0	4.44			LZ	$M_S=5.1$	22.0	0.31		
		ePKP	11 19 46.0	3.6			TIA	143.7 84	ePKP	02 52 44.3	-3.4		
		PP	11 22 04.0	1.6			SSE	144.3 94	PKP	02 52 52.0	3.3		
BTO	131.6 348	eSKS	11 26 53.0	3.6			BJI	144.4 78	ePKP	02 52 47.5	-1.5		
		LN	$M_S=6.5$	20.0	5.70		SNY	150.3 77	ePKP	02 53 01.4	2.7		
		LZ	$M_S=6.2$	26.0	5.64			PP	02 56 44.0	2.5			
		ePKP	11 19 47.0	3.5				LZ	$M_S=5.3$	26.0	0.54		
		PP	11 22 08.0	2.2				<p>DEC 18d 02h 49m $21.8 \pm 0.04s$, SD1.56 / 74 $42.55 S \pm 1.63km$, $15.94 W \pm 1.15km$, $h10 \pm 0.15km$</p>					
LN	$M_S=6.2$	18.0	1.50										
LE		18.0	1.50										
LZ	$M_S=6.3$	18.0	5.20										

South Atlantic Ridge (410)				GYA 13.8 284 P			
M _S 5.9 / 1, m _b 5.6 / 21,				04 42 29.8 -0.7			
WMQ	126.2	61	ePKP	03 08 27.0	1.0		
GTA	132.4	71	ePKP	03 08 37.7	-0.3		
			PKS	03 12 07.8	-3.8		
			PPMZ			1.8	1.40
			LE	M _S =5.9	18.0	1.10	1.8
			LZ	M _S =5.5	18.0	0.90	1.50
LZH	133.8	77	ePKP	03 08 40.0	-0.7		
WHN	138.8	90	ePKP	03 08 54.5	4.8		
NJ2	142.9	91	ePKP	03 08 55.5	-1.4		
SSE	144.2	94	PKP	03 09 00.0	1.0		
			pPKP	03 09 05.0	3.8		
BJI	144.3	77	ePKP	03 08 57.0	-2.3		
			LZ	M _S =5.4	20.0	0.66	
SNY	150.2	77	PKP	03 09 08.6	-0.4		
			PP	03 12 48.0	-3.4		
			LZ	M _S =5.5	24.0	0.78	
CN2	152.0	74	+PKP	03 09 12.0	0.3		
			LZ	M _S =5.9	18.0	1.70	
DEC 18d 04h 39m 11.0 ± 0.05s, SD1.72 / 114				DL2 15.1 360 eP			
23.79 N ± 0.84km, 121.67 E ± 0.81km, h7 ± 0.25km				04 42 50.0 3.7			
Taiwan (244)				eS 04 45 39.0 4.5			
M _S 5.6 / 51, M _L 5.0 / 8, m _B 5.4 / 8,				LN M _B =5.2 11.0 3.66			
QZH	3.0	293	iPn	04 40 00.0	0.3		
			Su	04 40 35.0	-3.3		
			SMN	M _L =4.9	1.0	5.84	
			SME		1.0	3.50	
			LE	M _S =5.4	8.0	65.8	
			LZ	M _S =5.3	10.0	54.6	
SSE	7.3	357	P	04 40 58.4	-2.3		
			pP	04 41 01.0	-3.8		
			S	04 42 20.0	-4.3		
			SMN	M _L =4.8	1.0	0.57	
			SME		1.0	0.15	
			LN	M _S =5.1	10.0	12.2	
			LE		9.0	3.77	
GZH	7.7	266	-P	04 41 05.0	-1.1		
			SMN	M _L =5.1	1.0	0.72	
			SME		1.0	0.55	
			LN	M _S =5.4	7.0	17.6	
			LE		10.0	14.0	
			LZ	M _S =5.4	10.0	27.2	
NJ2	8.6	344	+P	04 41 16.2	-2.8		
			pP	04 41 23.5	0.3		
			S	04 42 51.0	-6.0		
			SMN	M _L =5.5	0.8	1.17	
			SME		1.0	1.08	
			LN	M _S =5.7	9.0	34.1	
			LE		9.0	15.7	
			LZ	M _S =5.3	10.0	17.7	
WHN	9.4	317	eP	04 41 27.5	-2.0		
			pP	04 41 30.0	-3.8		
			S	04 43 12.5	-3.5		
			SMN		1.0	0.73	
			SME		1.0	0.93	
			LN	M _S =5.7	10.0	18.4	
			LE		10.0	27.6	
			LZ	M _S =5.4	10.0	19.0	
QZN	12.0	249	eP	04 42 04.0	-1.6		
			S	04 44 17.8	-2.6		
			LN	M _S =5.0	14.0	5.37	
			LE		10.0	3.39	
TIA	13.0	343	eP	04 42 19.1	0.1		
			LN	M _S =5.6	9.0	12.9	
			LE		9.0	7.80	
			LZ	M _S =5.5	10.0	17.8	
							1.8
							1.40
							1.50
							9.0
							9.00
							21.0
							15.7
							3.7
							4.5
							11.0
							3.66
							8.0
							3.78
							9.0
							3.77
							-0.5
							10.0
							8.70
							10.0
							1.50
							2.3
							6.8
							11.0
							18.9
							10.0
							14.2
							2.2
							7.0
							0.54
							-0.1
							10.0
							6.43
							14.0
							7.00
							0.0
							2.0
							0.090
							4.0
							0.50
							1.2
							4.2
							-0.4
							-1.7
							1.5
							10.0
							11.5
							10.0
							19.1
							10.0
							17.4
							-4.4
							10.0
							21.4
							12.0
							42.5
							3.6
							2.4
							3.0
							12.0
							2.16
							11.0
							4.23
							8.0
							1.90
							12.0
							7.49
							-0.2
							7.0
							1.02
							0.6
							9.0
							5.22
							11.0
							2.55
							12.0
							7.63
							3.2
							3.7
							6.5
							10.0
							16.3
							10.0
							12.2
							10.0
							14.6
							0.6
							2.0
							0.15
							7.0
							1.54
							-0.4
							0.6
							0.4
							1.3
							9.0
							6.90
							10.0
							9.52

CN2	20.2	8	LZ	$M_s = 5.7$	10.0	16.9
			eP	04 43 49.4	-0.1	
			PMZ	$m_b = 4.5$	1.0	0.020
			pP	04 43 54.0	-0.1	
			eS	04 47 30.0	-1.4	
MDJ	21.8	15	LN	$M_s = 5.3$	9.0	3.30
			LE		9.0	2.30
			LZ	$M_s = 5.4$	11.0	9.00
			eP	04 44 04.0	-1.5	
			PMZ	$m_b = 4.8$	1.0	0.041
GTA	24.2	315	S	04 48 07.0	6.0	
			LN	$M_s = 5.5$	17.0	5.15
			LE		17.0	9.38
			LZ	$M_s = 4.9$	15.0	3.55
			+P	04 44 29.2	-0.2	
LSA	27.8	289	PMZ	$m_b = 5.5$	6.0	0.94
			pP	04 44 37.0	3.0	
			eS	04 48 43.0	-2.2	
			sS	04 48 54.0	1.2	
			eSS	04 49 34.0	-1.7	
WMQ	34.2	314	LE	$M_s = 5.6$	11.0	8.50
			LZ	$M_s = 5.6$	12.0	10.5
			P	04 45 07.4	3.5	
			eS	04 49 44.0	-2.3	
			LN	$M_s = 5.4$	8.5	2.63
KSH	41.5	303	LE		8.5	1.54
			P	04 46 02.8	2.7	
			eS	04 51 29.5	2.9	
			LN	$M_s = 5.7$	10.0	3.03
			LE		10.0	4.12

DEC 18d 15h 01m $22.9 \pm 0.05s$, SD1.56 / 83
 40.26 S $\pm 1.54km$, 91.81 W $\pm 1.11km$, $h15 \pm 0.34km$
 Southern Pacific Ocean (692)
 $m_b 5.2 / 14$,

MDJ	149.4	292	ePKP	15 21 07.0	-1.0	
CN2	152.3	290	ePKP	15 21 17.0	4.6	
NJ2	154.0	261	-PKP	15 21 15.5	0.7	
TIA	157.0	269	ePKP	15 21 18.3	-0.5	
TIY	161.0	270	ePKP	15 21 24.2	0.7	
			LZ	$M_s = 5.4$	28.0	0.75
HHC	162.2	279	ePKP	15 21 24.3	-0.5	
CD2	164.3	238	ePKP	15 21 26.7	-0.1	
LZH	167.0	256	ePKP	15 21 29.5	0.3	
			PKP2	15 22 34.5	1.1	
GTA	171.0	268	ePKP	15 21 31.5	-0.1	
			PKP2	15 22 51.1	-0.1	
			PP	15 26 43.4	0.8	
WMQ	176.4	6	PKP	15 21 32.5	-1.2	

DEC 18d 21h 37m $33.1 \pm 0.05s$, SD1.68 / 22
 23.82 N $\pm 0.71km$, 121.84 E $\pm 0.68km$, $h10 \pm 0.25km$
 Taiwan (244)
 $M_s 3.6 / 2$, $M_L 4.1 / 12$, $m_b 3.9 / 2$

QZH	3.2	291	Pn	21 38 24.0	0.6	
			Sn	21 38 58.0	-5.2	
			SMN	$M_L = 4.3$	1.0	0.99
			LN	$M_s = 3.7$	8.0	1.25
			LZ	$M_s = 3.9$	8.0	1.40
SSE	7.3	356	eP	21 39 23.4	1.2	
			SMN	$M_L = 3.8$	1.0	0.037
			LN	$M_s = 3.5$	10.0	0.23
			LE		8.0	0.22
GZH	7.8	266	eP	21 39 33.0	2.9	

NJ2	8.6	343	eS	21 40 54.0	-5.7	
			SMN	$M_L = 4.4$	1.0	0.15
			SME		1.0	0.10
			+P	21 39 39.3	-1.7	
			S	21 41 13.5	-5.4	
WHN	9.4	317	SMN	$M_L = 4.2$	1.0	0.055
			SME		1.0	0.041
			eP	21 39 52.5	0.0	
			eS	21 41 45.0	5.1	
			SMN		1.5	0.10
GYA	14.0	284	P	21 40 54.0	-0.2	
			SMN		1.8	0.31
			SME		1.8	0.18

DEC 19d 00h 08m $12.5 \pm 0.05s$, SD1.72 / 125
 23.53 N $\pm 0.90km$, 121.47 E $\pm 0.95km$, $h9 \pm 0.39km$
 Taiwan (244)
 $M_s 5.2 / 46$, $M_L 5.2 / 7$, $m_b 5.3 / 5$,

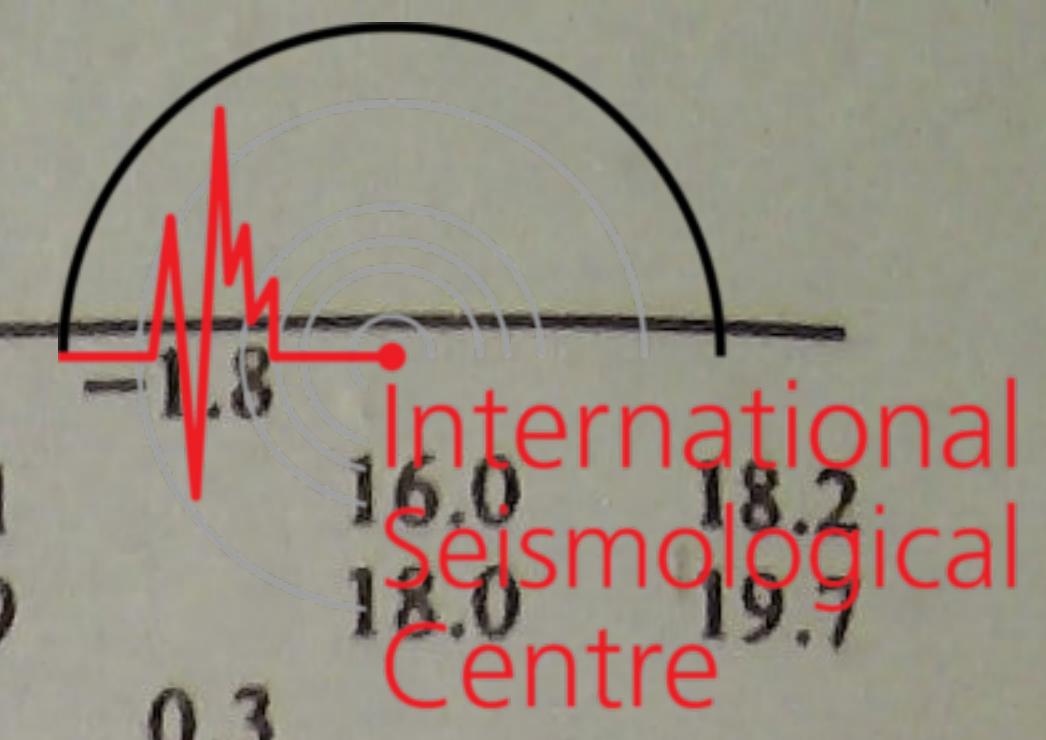
QZH	3.0	299	-iPn	00 09 00.5	0.2	
			Sn	00 09 34.5	-3.7	
			LE		10.0	26.5
			LZ		10.0	20.0
GZH	7.5	268	P	00 10 03.5	-1.3	
			LN	$M_s = 5.0$	8.0	6.50
			LE		10.0	6.40
			LZ	$M_s = 4.8$	11.0	7.70
SSE	7.5	358	P	00 10 03.0	-2.5	
			PMZ	$m_b = 5.3$	1.0	0.21
			sP	00 10 11.0	-1.9	
			S	00 11 26.5	-5.2	
			SMN	$M_L = 5.2$	1.0	0.62
			SME		1.0	0.95
			LN	$M_s = 4.9$	9.0	4.15
			LE		9.0	5.99
NJ2	8.8	345	-P	00 10 20.0	-3.0	
			PMZ	$m_b = 5.3$	1.0	0.13
			S	00 12 00.0	-3.1	
			SMN	$M_L = 5.5$	1.2	0.99
			SME		1.0	0.68
			LE	$M_s = 5.2$	11.0	12.4
			LZ	$M_s = 4.4$	8.0	1.86
WHN	9.4	319	eP	00 10 29.5	-2.4	
			iS	00 12 13.2	-5.9	
			SMN		1.2	1.20
			SME		1.5	1.70
			LN	$M_s = 5.3$	10.0	10.2
			LE		11.0	8.30
			LZ	$M_s = 4.5$	12.0	3.00
QZN	11.7	250	eP	00 11 02.2	-1.2	
			eS	00 13 14.5	-1.1	
			LN	$M_s = 4.9$	12.5	5.50
TIA	13.2	344	eP	00 11 22.5	-0.4	
			eS	00 13 56.0	5.2	
			LN	$M_s = 5.1$	10.0	3.00
			LE		10.0	5.00
			LZ	$M_s = 5.1$	6.0	3.60
GYA	13.7	285	P	00 11 29.8	-0.6	
			sP	00 11 39.0	0.9	
			SMN		1.8	1.20
			SME		1.8	1.10
			LN	$M_s = 5.4$	9.0	3.10
			LE		9.0	9.40
			LZ	$M_s = 5.1$	10.0	6.60
XAN	15.2	316	P	00 11 49.5	0.4	
			pP	00 11 56.5	3.2	
			LN	$M_s = 5.3$	12.0	7.22
			LE		12.0	4.17
DL2	15.3	0	+iP	00 11 54.0	3.0	



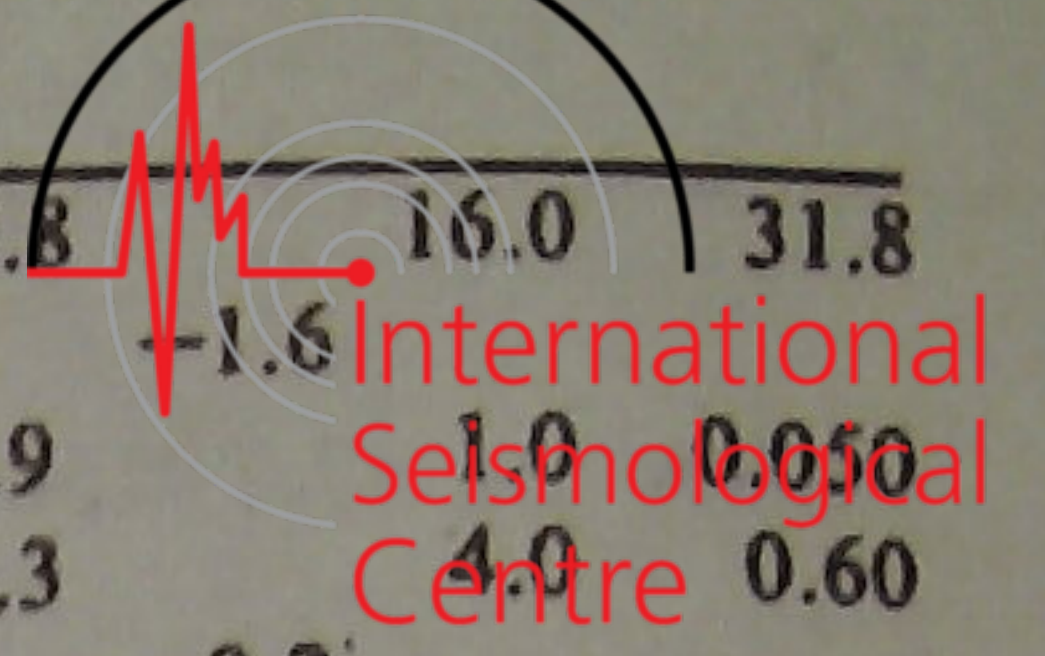
		PMZ		3.0	0.75			eS	00 17 47.0	-0.2			
		LE	$M_s=4.8$	9.0	2.17			sS	00 17 58.0	2.7			
		LZ	$M_s=4.4$	14.0	1.47			LE	$M_s=5.1$	11.0	2.50		
TIY	16.1	333	eP	00 12 04.4	3.0			LZ	$M_s=4.9$	14.0	2.90		
			sS	00 15 06.0	-1.4		LSA	27.7	289	P	00 14 05.3	0.9	
			SS	00 15 22.0	3.5					eS	00 18 50.4	4.5	
			LN	$M_s=5.3$	13.0	4.80				LN	$M_s=5.4$	8.0	2.82
			LE		13.0	6.61	WMQ	34.3	314	P	00 15 02.0	0.2	
			LZ	$M_s=4.6$	12.0	2.17				eS	00 20 30.0	1.7	
BJI	17.1	346	eP	00 12 15.0	1.9					LE	$M_s=5.3$	10.0	2.22
			PMZ	$m_b=5.3$	1.6	0.23	KSH	41.5	304	eP	00 16 03.0	0.6	
			PMZ	$m_b=5.1$	6.0	0.55				S	00 22 19.0	1.9	
			LN	$M_s=5.0$	10.0	3.10				LE	$M_s=5.8$	6.0	2.60
KMI	17.1	279	eP	00 12 11.5	-3.0								
			PMZ	$m_b=5.0$	1.5	0.10	DEC 19d 00h 20m $24.2 \pm 0.04s$, $SD1.44 / 196$						
			PMZ	$m_b=5.1$	4.0	0.40	$23.69 N \pm 0.78km$, $121.62 E \pm 0.73km$, $h11 \pm 0.24km$						
			sP	00 12 18.0	-4.2		Taiwan (244)						
			SS	00 15 44.0	-0.1		$M_s6.0 / 49$, $M_L5.5 / 5$, $m_b5.7 / 16$,						
			LN	$M_s=5.3$	10.0	1.80	QZH	3.0	295	iPn	00 21 12.0	-0.5	
			LE		10.0	5.30				Su	00 21 48.0	-2.7	
			LZ	$M_s=5.3$	12.0	8.40				LE	$M_s=5.8$	10.0	210
CD2	17.4	299	eP	00 12 17.0	-0.2					LZ	$M_s=5.4$	10.0	63.5
			eS	00 15 27.0	-2.3		SSE	7.4	357	P	00 22 14.5	-0.3	
			LE	$M_s=5.2$	9.0	3.86				sP	00 22 22.0	-0.7	
			LZ	$M_s=5.3$	10.0	8.09				S	00 23 39.5	0.2	
SNY	18.3	5	+P	00 12 30.5	1.5					SMN	$M_L=5.1$	1.0	0.60
			PMZ	$m_b=4.9$	2.0	0.12				SME		1.0	0.94
			PMZ	$m_b=5.5$	6.0	1.45				LN	$M_s=5.6$	10.0	37.8
			pP	00 12 33.0	-0.5		GZH	7.6	267	+P	00 22 17.0	-1.1	
			S	00 15 54.0	3.7					LN	$M_s=5.9$	8.0	50.3
			SS	00 16 18.0	4.3					LE		8.5	45.5
			LE	$M_s=4.9$	14.0	3.26				LZ	$M_s=5.6$	12.0	46.2
			LZ	$M_s=4.7$	13.0	2.26	NJ2	8.7	344	+P	00 22 31.6	-1.3	
HHC	19.2	337	+P	00 12 41.0	1.7					PMZ	$m_b=5.6$	0.8	0.24
			PMZ	$m_b=5.2$	1.6	0.18				pP	00 22 34.8	-3.0	
			PMZ	$m_b=5.4$	6.0	1.03				S	00 24 10.5	-1.1	
			S	00 16 10.5	1.3					SMN	$M_L=5.5$	1.4	0.75
			LN	$M_s=4.8$	10.0	1.34				SME		2.0	1.05
			LE		8.0	0.67				LN	$M_s=6.0$	9.0	76.8
			LZ	$M_s=4.7$	8.0	1.41				LE		10.0	16.8
BTO	19.6	333	P	00 12 44.0	0.2					LZ	$M_s=5.7$	10.0	45.0
			sP	00 12 50.0	-1.6		WHN	9.4	318	-P	00 22 42.5	-0.4	
			S	00 16 18.0	-0.1					PMZ	$m_b=5.2$	0.7	0.060
			LN	$M_s=5.4$	13.0	3.50				sP	00 22 51.0	0.3	
			LE		13.0	6.90				iS	00 24 26.0	-3.8	
LZH	19.7	313	eP	00 12 46.0	0.3					SMN		1.5	3.46
			PMZ	$m_b=5.0$	2.0	0.13				SME		1.2	1.46
			sP	00 12 51.0	-2.6					LE	$M_s=5.8$	8.0	37.2
			eS	00 16 23.0	0.3					LZ	$M_s=5.7$	10.0	38.0
			LN	$M_s=5.3$	9.0	4.60	QZN	11.9	249	eP	00 23 17.2	0.0	
			LE		13.0	2.00				S	00 25 30.0	-0.8	
			LZ	$M_s=5.2$	12.0	5.53				LN	$M_s=5.6$	13.0	18.0
CN2	20.5	8	eP	00 12 54.5	0.8					LE		10.5	14.6
			pP	00 12 59.0	0.4		GYA	13.8	285	+iP	00 23 42.4	-0.6	
			eS	00 16 35.0	-3.2					S	00 26 15.0	-2.1	
			LN	$M_s=4.9$	13.0	1.20				SMN		1.8	3.50
			LE		13.0	2.00				SME		1.8	3.00
			LZ	$M_s=5.0$	13.0	4.00				LN	$M_s=6.1$	9.0	28.4
MDJ	22.1	16	eP	00 13 06.5	-3.2					LE		9.0	32.5
			PMZ	$m_b=4.6$	1.0	0.027				LZ	$M_s=5.7$	10.0	25.0
			S	00 17 10.0	2.5		DL2	15.2	0	P	00 24 01.0	0.6	
			LN	$M_s=5.2$	17.0	2.86				LN	$M_s=5.8$	8.0	13.3
			LE		17.0	4.33				LE		8.0	10.3
			LZ	$M_s=4.7$	15.0	2.22				LZ	$M_s=5.2$	14.0	8.82
GTA	24.2	316	eP	00 13 32.0	0.8		TIY	16.0	333	P	00 24 15.2	3.4	
			PMZ		3.1	0.51				LN	$M_s=6.2$	11.0	54.2
			pP	00 13 39.0	2.8					LZ	$M_s=5.9$	10.0	32.6
			sP	00 13 42.5	3.4		BJI	16.9	346	eP	00 24 26.0	2.9	



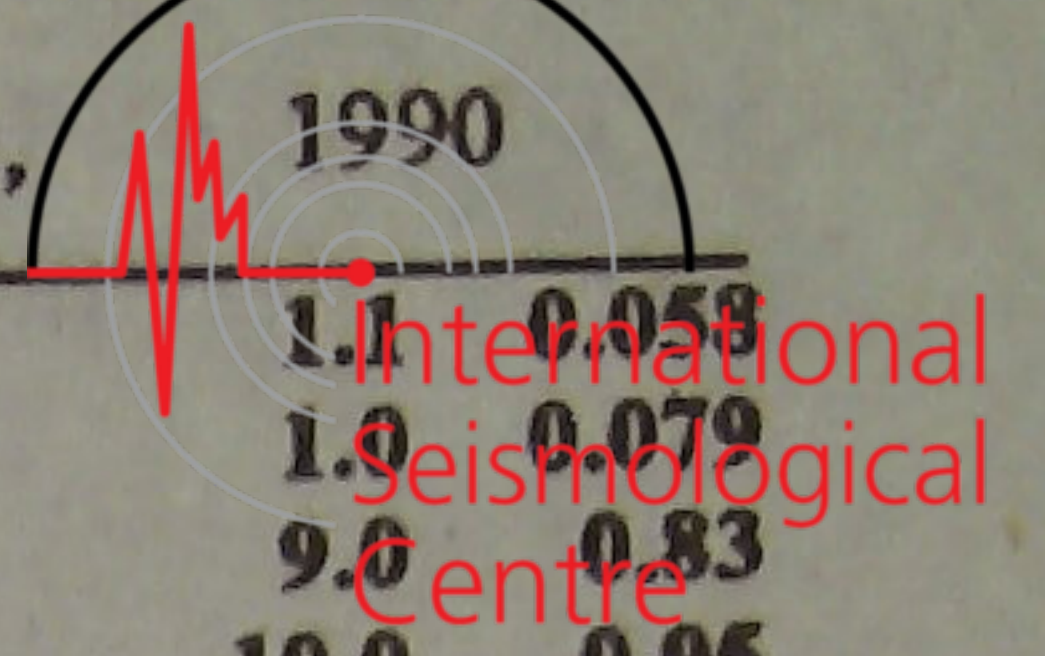
		PMZ	$m_b = 4.9$	2.0	0.12			sS	00 30 11.0	4.3		
		PMZ	$m_b = 5.5$	8.0	1.83			SS	00 30 53.0	3.9		
		eS	00 27 35.0	4.5				LE	$M_s = 6.0$	10.0	20.4	
		LN	$M_s = 5.7$	10.0	15.5			LZ	$M_s = 5.9$	12.0	25.3	
		LE		10.0	6.40	LSA	27.8 289	P	00 26 18.1	1.7		
		LZ	$M_s = 5.5$	14.0	17.6			LN	$M_s = 5.8$	9.0	4.84	
KMI	17.3 279	-P	00 24 27.5	0.3				LE		8.0	6.56	
		PMZ	$m_b = 5.4$	2.5	0.43	WMQ	34.3 314	P	00 27 13.0	0.0		
		PMZ	$m_b = 5.7$	4.5	1.60			eS	00 32 42.0	2.7		
		sP	00 24 34.5	-0.8				LN	$M_s = 6.2$	10.0	11.9	
		PP	00 24 45.0	4.1				LE		10.0	13.3	
		S	00 27 36.0	-1.1				LZ	$M_s = 5.9$	12.0	14.4	
		SS	00 28 00.0	1.9		KSH	41.5 303	P	00 28 15.0	1.0		
		LN	$M_s = 6.1$	10.0	20.3			pP	00 28 20.0	0.5		
		LE		10.0	31.9			PP	00 29 59.0	6.2		
		LZ	$M_s = 5.6$	14.0	22.0			S	00 34 32.0	3.3		
CD2	17.4 298	eP	00 24 28.8	-0.3				LE	$M_s = 6.5$	10.0	24.1	
		S	00 27 46.0	5.2								
		LE	$M_s = 6.2$	10.0	45.7							
		LZ	$M_s = 6.2$	10.0	60.9							
SNY	18.2 5	+P	00 24 39.4	1.0								
		PMZ	$m_b = 5.2$	2.0	0.22							
		PMZ	$m_b = 5.6$	7.0	1.84	NJ2	86.1 309	-P	07 47 02.0	1.8		
		sP	00 24 44.8	-1.9				pP	07 47 15.0	3.8		
		LN	$M_s = 5.9$	14.0	6.52	MDJ	87.5 324	eP	07 47 09.5	2.4		
		LE		14.0	27.7			PMZ	$m_b = 5.3$	1.0	0.027	
		LZ	$M_s = 5.6$	13.0	19.6			pP	07 47 22.5	4.4		
HHC	19.1 336	P	00 24 53.5	3.7		WHN	88.4 306	eP	07 47 13.0	1.5		
		PMZ	$m_b = 5.7$	8.0	2.75			pP	07 47 26.0	3.4		
		PP	00 25 09.3	3.6		SNY	89.0 319	eP	07 47 14.8	0.6		
		S	00 28 21.0	2.5		CN2	89.2 322	eP	07 47 14.2	-0.9		
		LN	$M_s = 5.8$	8.0	12.3	GYA	92.1 299	P	07 47 31.2	2.4		
		LE		10.0	7.71	BJI	92.4 314	eP	07 47 29.0	-1.3		
		LZ	$M_s = 5.5$	14.0	14.8	TIY	93.6 311	eP	07 47 31.4	-4.4		
BTO	19.5 333	P	00 24 56.5	2.2		XAN	94.2 306	P	07 47 39.0	0.8		
		sP	00 25 06.0	3.6								
		S	00 28 31.0	3.6								
		LN	$M_s = 6.2$	10.0	34.4							
		LE		10.0	19.2							
		LZ	$M_s = 6.0$	10.0	31.5							
LZH	19.7 313	eP	00 24 56.5	-0.5		WHN	62.4 313	eP	08 58 25.0	-1.3		
		PMZ	$m_b = 5.6$	2.5	0.65	GYA	66.2 305	P	08 58 53.2	1.6		
		PMZ	$m_b = 5.9$	8.0	4.58	XAN	68.1 313	P	08 59 02.4	-1.0		
		pP	00 25 03.0	1.1		KMI	68.9 302	+P	08 59 08.5	0.2		
		PP	00 25 14.5	0.0				PMZ	$m_b = 5.3$	1.2	0.050	
		S	00 28 33.0	0.2				pP	08 59 20.0	1.8		
		sS	00 28 42.0	1.2				sP	08 59 22.5	0.1		
		LN	$M_s = 6.2$	8.0	21.4			S	09 08 12.0	4.8		
		LE		8.0	26.1	CD2	70.5 308	eP	08 59 17.2	-0.7		
		LZ	$M_s = 5.0$	12.0	3.75	LZH	72.7 313	eP	08 59 31.0	-0.7		
CN2	20.3 8	+P	00 25 03.0	-0.2				PMZ	$m_b = 4.9$	2.0	0.028	
		PMZ	$m_b = 4.5$	1.0	0.020	GTA	77.1 315	eP	08 59 57.8	1.1		
		pP	00 25 08.5	0.0				PMZ	$m_b = 4.6$	1.2	0.010	
		eS	00 28 43.0	-3.0								
		LN	$M_s = 5.9$	15.0	13.6							
		LE		15.0	23.2							
		LZ	$M_s = 5.8$	15.0	26.0							
MDJ	21.9 15	-P	00 25 19.0	-0.2								
		PMZ	$m_b = 5.0$	1.0	0.069	MDJ	21.9 261	-P	13 53 15.0	-0.6		
		LN	$M_s = 6.0$	14.0	15.9			PMZ	$m_b = 5.6$	1.0	0.28	
		LE		15.0	30.4			PMZ	$m_b = 6.0$	4.0	2.64	
		LZ	$M_s = 5.3$	15.0	7.54			pP	13 53 22.0	-0.6		
GTA	24.2 315	+P	00 25 43.4	1.0				sP	13 53 30.0	3.9		
		PMZ	$m_b = 5.7$	8.0	2.48			S	13 57 10.0	-1.0		
		pP	00 25 47.6	-0.1				LN	$M_s = 6.1$	14.0	27.7	
		sP	00 25 53.8	3.1				LE		14.0	24.5	
		PP	00 26 19.0	2.6				LZ	$M_s = 5.7$	20.0	26.1	
		eS	00 29 58.0	-0.1		CN2	24.9 263	+P	13 53 44.0	-0.4		



		PMZ	$m_b = 5.5$	1.0	0.16			S	14 01 04.0	-1.8		
		PMZ	$m_b = 5.7$	4.0	1.00			LE	$M_s = 6.1$		16.0	18.2
		pP	13 53 49.0	-2.5				LZ	$M_s = 5.9$		18.0	19.7
		eS	13 57 59.0	-4.7		NJ2	36.4 252	+P	13 55 27.6	0.3		
		LN	$M_s = 6.1$	16.0	27.0			PMZ	$m_b = 6.1$		1.0	0.31
		LE		16.0	30.0			PMZ			14.0	0.95
		LZ	$M_s = 5.7$	16.0	20.0			pP	13 55 36.0	1.4		
SNY	27.1 261	+iP	13 54 04.0	-1.4				S	14 01 04.0	-2.7		
		PMZ	$m_b = 5.8$	1.8	0.38			LN	$M_s = 6.0$		14.0	12.2
		PMZ	$m_b = 6.0$	6.0	2.10			LE			14.0	7.39
		pP	13 54 11.5	-1.1				LZ	$M_s = 5.5$		19.0	7.84
		sP	13 54 14.0	-1.9		WHN	40.2 255	+P	13 55 58.0	-0.5		
		S	13 58 40.0	-0.1				PMZ	$m_b = 5.4$		1.0	0.070
		sS	13 58 52.0	-0.9				PMZ	$m_b = 6.1$		5.0	1.50
		LN	$M_s = 6.1$	14.0	19.4			sP	13 56 08.5	-0.7		
		LE		14.0	18.1			S	14 02 02.0	-1.3		
		LZ	$M_s = 6.1$	18.0	40.9			LN	$M_s = 6.1$		15.0	6.40
DL2	30.1 258	P	13 54 31.0	-1.2				LE			17.0	16.7
		PMZ	$m_b = 5.5$	1.0	0.090			LZ	$M_s = 5.4$		22.0	6.50
		LN	$M_s = 6.1$	16.0	10.9	XAN	41.0 264	P	13 56 04.0	-1.1		
		LE		17.0	26.3			LN	$M_s = 6.3$		17.0	16.8
		LZ	$M_s = 5.7$	16.0	13.2			LE			17.0	19.6
BJI	32.7 265	eP	13 54 53.5	-1.4		QZH	42.0 245	+P	13 56 15.0	1.4		
		PMZ	$m_b = 5.4$	2.0	0.13			PMZ	$m_b = 6.3$		4.0	2.14
		PcP	13 57 40.0	0.0				pP	13 56 22.0	1.1		
		eS	14 00 06.0	-2.9				S	14 02 32.0	1.6		
		ScP	14 01 24.5	3.1				SS	14 05 36.0	3.5		
		ScS	14 05 23.0	3.3				LE	$M_s = 5.5$		15.0	3.41
		LN	$M_s = 6.4$	10.0	26.2			LZ	$M_s = 5.7$		15.0	7.09
TIA	34.5 259	+P	13 55 09.8	-1.4		LZH	42.7 270	+iP	13 56 19.0	-0.3		
		PMZ	$m_b = 5.5$	1.4	0.11			PMZ	$m_b = 5.5$		2.0	0.16
		PMZ	$m_b = 5.8$	6.0	0.90			PMZ	$m_b = 5.8$		6.0	0.92
		pP	13 55 23.0	4.5				pP	13 56 29.0	2.5		
		sS	14 00 47.5	-2.9				sP	13 56 32.0	2.3		
		LN	$M_s = 6.1$	15.0	13.8			PP	13 58 00.0	-0.5		
		LE		15.0	15.8			PcP	13 58 12.5	1.8		
		LZ	$M_s = 5.8$	19.0	15.7			ScP	14 02 00.0	1.1		
HHC	35.0 270	eP	13 55 13.5	-1.5				S	14 02 39.0	-1.2		
		PMZ	$m_b = 5.0$	1.0	0.023			sS	14 02 55.0	1.6		
		PP	13 56 32.0	-0.6				SS	14 05 44.0	-1.2		
		PPMZ		10.0	1.18			LN	$M_s = 6.2$		15.0	17.9
		PcP	13 57 48.0	1.4				LZ	$M_s = 6.2$		18.0	28.5
		S	14 00 40.0	-4.0		GTA	43.0 277	+iP	13 56 21.3	-0.5		
		LN	$M_s = 6.2$	12.0	4.57			PMZ	$m_b = 5.6$		1.0	0.11
		LE		14.0	19.3			PMZ			14.0	1.76
		LZ	$M_s = 6.1$	16.0	26.1			pP	13 56 33.2	4.2		
SSE	35.8 249	+iP	13 55 22.5	0.5				PP	13 58 00.0	-3.7		
		PMZ	$m_b = 5.6$	1.2	0.14			ScS	14 06 21.0	3.0		
		PMZ	$m_b = 6.1$	5.0	1.65			LE	$M_s = 6.3$		15.0	19.7
		pP	13 55 30.0	0.7				LZ	$M_s = 6.2$		14.0	22.3
		S	14 00 58.0	1.1		CD2	46.3 265	+iP	13 56 47.8	-0.2		
		sS	14 01 14.0	4.0				PMZ	$m_b = 5.9$		1.2	0.23
		PcS	14 01 40.0	4.9				PMZ	$m_b = 5.9$		6.0	1.01
		SS	14 03 22.0	3.6				PP	13 58 35.5	-0.5		
		ScS	14 05 37.0	0.7				eS	14 03 35.9	2.7		
		LN	$M_s = 5.7$	12.0	2.94			SS	14 06 54.0	3.9		
		LE		12.0	4.93			LE	$M_s = 6.1$		15.0	12.9
		LZ	$M_s = 5.3$	20.0	5.10			LZ	$M_s = 6.1$		17.0	17.8
BTO	36.1 271	-iP	13 55 23.5	-0.8		GZH	46.4 249	+P	13 56 49.0	-0.1		
		pP	13 55 35.0	3.6				PMZ	$m_b = 6.3$		5.0	2.07
		PP	13 56 47.0	1.2				pP	13 56 57.0	0.6		
		eS	14 00 56.0	-6.0				eS	14 03 34.0	-1.1		
		LN	$M_s = 6.2$	13.0	10.8			LN	$M_s = 6.3$		18.0	11.3
		LE		12.0	17.0			LE			16.0	16.8
		LZ	$M_s = 6.2$	12.0	23.9			LZ	$M_s = 5.7$		20.0	9.20
TIY	36.4 265	+P	13 55 26.5	-0.5		WMQ	47.4 290	+iP	13 56 57.5	0.3		
		PMZ	$m_b = 5.3$	1.0	0.060			PP	13 58 49.5	2.3		
		PP	13 56 56.0	6.0				S	14 03 45.0	-3.5		



		LE		9.0	32.5				LZ	$M_s = 5.8$	16.0	31.8		
		LZ	$M_s = 5.7$	10.0	24.1	CN2	20.3	8	+P	23 43 12.5	-1.6	1.0		
XAN	15.2	316	-P	23 42 11.4	0.2				PMZ	$m_b = 4.9$		0.65		
			pP	23 42 17.5	2.0				PMZ	$m_B = 5.3$		0.60		
			LN	$M_s = 6.0$	10.0				pP	23 43 19.0	-0.2			
			LE		10.0				eS	23 46 53.0	-3.9			
DL2	15.2	360	P	23 42 14.0	2.7				LN	$M_s = 5.7$	14.0	7.30		
			PMZ	$m_b = 5.8$	1.4				LE		14.0	15.0		
			S	23 45 03.0	3.3				LZ	$M_s = 5.7$	14.0	21.0		
			LN	$M_s = 5.7$	8.0	MDJ	21.9	15	-P	23 43 30.0	-0.1			
			LE		7.0				PMZ	$m_b = 5.3$	1.2	0.17		
			LZ	$M_s = 5.2$	12.0				S	23 47 24.0	-2.2			
TIY	16.0	333	eP	23 42 23.9	1.2				LN	$M_s = 5.7$	14.0	13.8		
			S	23 45 13.5	-6.7				LE		14.0	9.61		
			SS	23 45 32.0	-6.9				LZ	$M_s = 5.3$	15.0	7.99		
			LN	$M_s = 6.2$	6.0	GTA	24.2	315	+iP	23 43 54.4	1.0			
			LE		9.0				PMZ	$m_B = 5.8$	3.5	1.10		
			LZ	$M_s = 6.0$	8.0				pP	23 44 00.0	1.5			
BJI	16.9	345	eP	23 42 37.0	3.0				sP	23 44 06.0	4.6			
			PMZ	$m_b = 5.3$	2.0				PP	23 44 30.0	2.6			
			PMZ	$m_B = 5.4$	8.0				S	23 48 13.0	4.8			
			eS	23 45 44.0	2.5				LE	$M_s = 5.9$	11.0	16.5		
			LN	$M_s = 5.6$	10.0				LZ	$M_s = 5.8$	14.0	19.3		
			LZ	$M_s = 5.5$	14.0	LSA	27.8	289	P	23 44 29.3	1.8			
KMI	17.3	279	+P	23 42 39.0	0.7				S	23 49 14.0	6.1			
			PMZ	$m_b = 5.4$	1.8				LN	$M_s = 5.7$	9.0	4.04		
			PMZ	$m_B = 5.4$	7.0				LE		9.0	5.75		
			pP	23 42 43.5	1.0				WMQ	34.3	314			
			sP	23 42 49.0	2.9				P	23 45 24.5	0.5			
			S	23 45 49.0	0.7				PP	23 46 42.0	3.9			
			sS	23 45 56.0	-0.2				S	23 50 47.0	-2.4			
			SS	23 46 10.0	0.6				LN	$M_s = 6.1$	10.0	8.02		
			LE	$M_s = 6.1$	10.0				LE		10.0	9.51		
			LZ	$M_s = 6.0$	12.0	KSH	41.5	303	LZ	$M_s = 5.9$	11.0	11.7		
CD2	17.4	298	eP	23 42 40.0	-0.2				P	23 46 27.0	2.0			
			S	23 45 56.0	4.0				sP	23 46 35.0	1.9			
			LE	$M_s = 6.1$	9.0				PP	23 48 06.0	2.2			
			LZ	$M_s = 6.2$	9.0				S	23 52 44.0	4.1			
SNY	18.2	5	+iP	23 42 49.0	-0.2				LE	$M_s = 6.5$	10.0	24.1		
			PMZ	$m_b = 5.0$	1.6				DEC 19d 23h 48m $51.0 \pm 0.04s$, SD1.05 / 41					
			PMZ	$m_B = 5.8$	6.5				23.66 N $\pm 0.95km$, 121.20 E $\pm 0.81km$, h5 $\pm km$					
			pP	23 42 51.5	-2.3				Taiwan (244)					
			S	23 46 07.0	-1.7				$M_s 5.1 / 2$, $M_L 5.0 / 2$, $m_b 5.0 / 21$					
			sS	23 46 15.0	-1.7	SSE	7.4	360	eP	23 50 43.7	1.1			
			LE	$M_s = 5.7$	15.0				SMN	$M_L = 5.2$	1.3	0.65		
			LZ	$M_s = 5.6$	12.0				SME		1.2	1.01		
HHC	19.1	336	P	23 43 02.0	1.3				LN	$M_s = 4.9$	8.0	7.14		
			PMZ	$m_b = 4.9$	1.0	0.055	WHN	9.2	320	P	23 51 08.5	1.2		
			sP	23 43 09.0	0.4				S	23 52 57.8	5.8			
			S	23 46 30.0	0.5				SMN		1.5	1.50		
			sS	23 46 35.0	-2.6				LN	$M_s = 5.2$	9.0	10.8		
			LN	$M_s = 5.8$	9.0				LZ	$M_s = 4.8$	10.0	5.10		
			LE		10.0				DEC 20d 00h 05m $46.0 \pm 0.05s$, SD1.57 / 53					
			LZ	$M_s = 5.5$	14.0				23.74 N $\pm 0.89km$, 121.69 E $\pm 0.71km$, h9 $\pm 0.36km$					
BTO	19.5	333	P	23 43 06.0	0.8				Taiwan (244)					
			S	23 46 44.0	5.6				$M_s 4.4 / 9$, $M_L 4.7 / 12$, $m_b 4.6 / 13$					
			LN	$M_s = 6.2$	10.0				QZH	3.1	294	Pn	00 06 35.4	0.3
			LE		10.0							Sn	00 07 10.6	-3.3
			LZ	$M_s = 6.0$	10.0				SMN	$M_L = 4.8$	0.9	5.05		
LZH	19.7	313	+iP	23 43 09.0	1.0				SME		0.9	2.46		
			PMZ	$m_b = 5.6$	1.5	0.40			LE	$M_s = 4.5$	6.0	5.73		
			PMZ	$m_B = 6.0$	5.0	3.36			LZ	$M_s = 4.7$	7.0	9.17		
			pP	23 43 15.0	2.3				SSE	7.3	357	eP	00 07 34.5	-1.7
			PP	23 43 28.0	2.5							SMN	$M_L = 5.2$	1.1
			eS	23 46 44.0	-0.9				SME		1.1	0.20		
			sS	23 46 52.0	0.4				LN	$M_s = 4.4$	10.0	2.49		
			LN	$M_s = 6.1$	7.0	15.6			LE		9.0	1.11		
			LE		7.0	18.7								



GZH	7.7 267	+P	00 07 40.6	-0.6		
		S	00 09 05.0	-4.1		
		SMN		$M_L=4.7$	1.0	0.40
		SME			1.0	0.10
		LN		$M_S=4.4$	8.0	1.50
		LE		10.0	1.30	
NJ2	8.7 344	-P	00 07 52.0	-2.6		
		PMZ		$m_b=5.2$	1.0	0.12
		pP	00 07 55.8	-3.4		
		S	00 09 30.0	-3.1		
		SMN		$M_L=4.9$	1.0	0.25
		SME		1.0	0.22	
WHN	9.4 318	eP	00 08 05.5	0.4		
		eS	00 09 50.5	-1.7		
		SMN			1.2	0.40
		LN		$M_S=4.4$	11.0	1.30
		LE			9.0	1.00
GYA	13.9 284	P	00 09 05.4	-0.4		
		S	00 11 36.8	-3.8		
		SMN			1.8	0.70
		SME			1.8	0.40
XAN	15.2 315	eP	00 09 22.8	0.3		
TIY	16.0 332	eP	00 09 37.0	3.3		
		LN		$M_S=4.9$	17.0	5.08
CD2	17.5 298	eP	00 09 51.8	0.1		
LZH	19.7 313	eP	00 10 21.0	1.7		
		PMZ		$m_b=4.6$	2.0	0.054
CN2	20.3 8	eP	00 10 23.6	-1.1		
MDJ	21.8 15	eP	00 10 40.5	-0.2		
		PMZ		$m_b=4.5$	1.0	0.019
GTA	24.2 315	eP	00 11 07.8	3.1		
WMQ	34.3 314	eP	00 12 36.0	0.7		

						SMN	$M_L=4.1$	1.1	0.58
						SME		1.0	0.079
						LN	$M_S=3.9$	9.0	0.83
						LZ	$M_S=4.0$	10.0	0.95
GZH	7.7 268	P	01 51 51.5	1.0					
		SMN					$M_L=4.7$	1.0	0.32
		SME						1.0	0.14
		LN					$M_S=4.3$	8.0	1.30
		LE						9.0	0.80
NJ2	8.7 344	+P	01 52 03.6	-1.6					
		SMN					$M_L=4.5$	1.0	0.088
		SME						1.0	0.082
		LZ					$M_S=4.0$	10.0	0.96
WHN	9.5 318	eP	01 52 17.0	1.6					
		eS	01 54 05.0	2.0					
		SMN						1.0	0.13
		LE					$M_S=4.2$	9.0	1.00
		LZ					$M_S=4.2$	10.0	1.27
GYA	13.9 285	P	01 53 14.8	-0.6					
		sP	01 53 21.0	-2.5					
		S	01 55 46.2	-4.0					
		SMN						1.8	0.60
		SME						1.8	0.20
		LN					$M_S=4.5$	10.0	0.40
		LE						10.0	1.20
XAN	15.2 316	P	01 53 37.0	4.3					
		LN					$M_S=4.4$	9.0	0.42
		LE						9.0	0.63
BJI	17.0 345	eP	01 53 59.0	3.8					
CD2	17.5 298	eP	01 54 04.1	2.5					
		LE					$M_S=4.6$	10.0	1.26
GTA	24.3 315	eP	01 55 17.4	2.8					

DEC 20d 00h 56m $10.3 \pm 0.06s$, SD1.97 / 18
 23.74 N $\pm 1.11km$, 121.76 E $\pm 0.79km$, h17 $\pm 0.59km$
 Taiwan (244)
 $M_S 3.7 / 2$, $M_L 4.0 / 9$, $m_b 4.2 / 2$

QZH	3.1 293	Pn	00 56 59.2	-0.1		
		Sn	00 57 34.8	-3.3		
		SMN		$M_L=4.0$	0.8	0.78
		SME			0.8	0.36
SSE	7.3 356	eP	00 58 00.0	0.3		
		pP	00 58 03.0	-2.2		
		SMN		$M_L=3.8$	1.0	0.030
		SME			1.0	0.039
		LN		$M_S=3.5$	9.0	0.31
NJ2	8.7 343	-P	00 58 16.5	-1.7		
		S	00 59 53.0	-3.3		
		SMN		$M_L=4.3$	1.0	0.069
		SME			1.0	0.055
GYA	13.9 284	P	00 59 30.0	0.2		
		S	01 02 05.0	0.4		
		SMN			1.8	0.20
		SME			1.8	0.10
XAN	15.2 315	eP	00 59 50.5	4.2		

DEC 20d 07h 02m $58.8 \pm 0.03s$, SD1.15 / 321
 37.67 N $\pm 0.87km$, 70.33 E $\pm 0.42km$, h8 $\pm 0.04km$
 Afghanistan-USSR border region (717)
 $M_S 5.6 / 48$, $M_L 5.9 / 3$, $m_b 5.5 / 7$

KSH	4.8 65	Pn	07 04 15.0	3.8		
		Sn	07 05 08.0	-0.5		
		SMN		$M_L=6.0$	1.0	15.4
		SME			1.0	26.5
WMQ	14.5 60	P	07 06 26.5	-0.5		
		S	07 09 10.0	1.4		
		sS	07 09 17.0	1.1		
		LN		$M_S=5.8$	6.0	14.7
		LZ		$M_S=5.1$	10.0	5.45
LSA	19.0 109	-P	07 07 25.8	1.3		
		PMZ		$m_b=5.9$	2.0	1.20
		S	07 10 59.0	6.3		
		LN		$M_S=5.5$	10.0	5.57
		LE			10.0	5.46
GTA	23.1 77	LZ		$M_S=5.4$	8.0	6.63
		+iP	07 08 07.2	0.8		
		PMZ		$m_b=5.5$	1.0	0.20
		PMZ		$m_b=5.6$	3.5	0.85
		PP	07 08 38.6	2.9		
LZH	26.8 83	S	07 12 10.0	-2.6		
		LN		$M_S=5.4$	11.0	5.80
		LZ		$M_S=5.3$	14.0	6.60
		+P	07 08 42.5	0.9		
		PMZ		$m_b=5.6$	2.0	0.25
CD2	28.3 94	PP	07 09 27.5	2.0		
		eS	07 13 15.0	-1.2		
		LE		$M_S=5.5$	10.0	4.54
		LZ		$M_S=5.2$	17.0	5.12
		eP	07 08 55.6	0.0		
		LN		$M_S=5.7$	13.5	10.1
		LZ		$M_S=5.6$	12.0	8.95

DEC 20d 01h 49m $55.7 \pm 0.07s$, SD2.28 / 35
 23.65 N $\pm 1.47km$, 121.69 E $\pm 1.13km$, h11 $\pm 0.83km$
 Taiwan (244)
 $M_S 4.3 / 10$, $M_L 4.3 / 11$, $m_b 4.1 / 2$

QZH	3.1 295	Pn	01 50 44.4	-0.6			
		Sn	01 51 21.5	-2.6			
		SMN		$M_L=4.4$	1.0	1.56	
		SME			1.2	0.93	
		LE		$M_S=4.2$	6.0	2.96	
SSE	7.4 357	LZ		$M_S=4.5$	8.0	6.33	
		eP	01 51 46.6	-0.3			
		pP	01 51 48.5	-3.3			

KMI	88.0	297	LN	$M_s = 5.6$	15.0	0.70	SNY	84.5	318	+iP	05 42 04.0	0.5	2.9	0.40
			LE		18.0	0.90				PMZ	$m_b = 6.1$	8.0		
CD2	89.1	303	eP	03 39 36.5	0.6		WHN	85.4	305	PMZ	$m_b = 6.7$		19.0	12.4
			S	03 50 12.0	-4.4					PMZ	$M_s = 6.3$	15.0		
LZH	90.8	307	LZ	$M_s = 5.5$	22.0	1.90	TIA	86.0	311	P	05 42 10.0	-0.6	10.0	3.96
			eP	03 39 40.4	-0.6					PMZ	$m_b = 6.5$	15.0		
GTA	94.9	310	PMZ	$m_b = 5.3$	2.0	0.036	BJI	88.4	314	eP	05 42 23.0	0.4	6.0	5.00
			PMZ	$m_b = 5.8$	5.0	0.29				PMZ	$m_b = 6.9$	4.0		
SSE	80.5	308	eS	03 50 45.0	1.1		GYA	89.8	298	+iP	05 42 30.8	1.6	18.0	2.00
			SS	03 56 52.0	4.2					PMZ	$m_b = 6.2$	1.8		
MDJ	82.6	323	LN	$M_s = 5.5$	15.0	0.80	TIY	90.0	311	PMZ	$m_b = 6.9$	3.8	18.0	2.50
			LZ	$M_s = 5.3$	24.0	1.28				SKS	05 53 00.0	3.8		
GZH	82.9	298	LZ	$M_s = 5.3$	28.0	1.40	XAN	91.0	306	P	05 42 35.5	0.7	16.0	3.25
			eP	03 40 07.8	0.0					PMZ	$m_b = 6.6$	7.0		
QZH	79.5	302	PMZ	$m_b = 5.9$	5.0	0.24	HHC	91.9	313	P	05 42 39.8	0.7	17.0	4.70
			S	05 51 34.0	-1.5					PMZ	$m_b = 6.5$	1.8		
NJ2	82.7	308	sS	05 51 52.0	4.9		KMI	92.6	296	+P	05 42 43.6	1.4	16.0	3.78
			LE	$M_s = 6.0$	18.0	4.00				PMZ	$m_b = 6.4$	2.0		
QZN	84.2	293	LZ	$M_s = 6.0$	20.0	7.47	BTO	92.9	312	PMZ	$m_b = 6.9$	4.0	20.0	4.49
			LZ	$M_s = 6.0$	20.0	7.47				S	05 53 44.0	1.9		
DL2	84.2	315	+P	05 41 42.0	-0.5		SME	12.0	4.68	LN	$M_s = 6.3$	17.0	17.0	4.30
			PMZ	$m_b = 5.4$	1.5	0.061				LZ	$M_s = 6.3$	17.0		
CN2	84.5	321	PMZ	$m_b = 6.3$	9.0	2.80	LN	14.0	7.75	LZ	$M_s = 5.9$	20.0	20.0	12.5
			S	05 51 46.0	-0.2					LZ	$M_s = 5.9$	20.0		
DL2	84.2	315	SS	05 57 05.0	3.7		LN	16.0	13.3	+P	05 42 04.0	0.6	11.0	3.20
			LN	$M_s = 6.0$	18.0	3.87				PMZ	$m_b = 6.0$	1.6		
GZH	82.9	298	LZ	$M_s = 5.9$	20.0	6.07	S	05 52 23.0	-0.8	PMZ	$m_b = 6.8$	6.0	5.00	
			LZ	$M_s = 5.9$	20.0	6.07				S	05 52 29.0	1.8		
QZN	84.2	293	eP	05 41 53.5	-0.2		LN	17.5	2.00	LN	$M_s = 6.7$	14.0	17.0	4.30
			PMZ	$m_b = 6.4$	2.0	0.70				LZ	$M_s = 6.4$	20.0		
DL2	84.2	315	PMZ	$m_b = 6.7$	8.0	6.65	LN	17.0	3.30	PMZ	$m_b = 6.6$	7.0	17.0	4.30
			S	05 52 10.0	1.9					SKS	05 53 15.0	0.9		
NJ2	82.7	308	LN	$M_s = 6.2$	17.0	2.86	S	05 53 46.0	1.1	LN	$M_s = 6.3$	17.0	17.0	4.30
			LE	17.0	5.05					S	05 53 46.0	1.1		
GZH	82.9	298	LZ	$M_s = 5.8$	19.0	3.62	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 5.8$	19.0	3.62				LN	$M_s = 6.2$	16.0		
QZN	84.2	293	P	05 41 56.4	1.3		LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			PMZ	$m_b = 6.6$	8.0	4.50				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LE	$M_s = 6.3$	20.0	7.43	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
QZN	84.2	293	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	P	05 41 56.4	1.3		LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			PMZ	$m_b = 6.6$	8.0	4.50				LN	$M_s = 6.2$	16.0		
QZN	84.2	293	LE	$M_s = 6.3$	20.0	7.43	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2	315	LZ	$M_s = 6.1$	19.0	8.00	LN	16.0	1.72	LN	$M_s = 6.2$	16.0	16.0	3.78
			LZ	$M_s = 6.1$	19.0	8.00				LN	$M_s = 6.2$	16.0		
DL2	84.2													



GZH	76.0	72	LE	18.0	2.90	GYA	13.8	283	eS	10 50 24.5	0.1	SSE	76.3	61	eP	07 09 31.0	-0.4	TIY	15.8	332	eP	10 50 11.0	1.8
			PMZ	$m_b=6.1$	8.0				1.71	SMN						1.8	0.30						
			S	07 19 13.0	1.3				SME							1.8	0.10						
			LN	$M_s=6.1$	12.5				2.66	LE	$M_g=3.9$				11.0	0.70							
			LE		20.0				4.94	P					10 49 43.0	-0.3							
SSE	76.3	61	-P	07 09 30.5	-3.1	CD2	17.3	297	S	10 52 20.6	4.8	LZH	19.5	312	eP	10 50 28.6	0.2	GTA	24.0	315	eP	10 51 42.0	1.1
			PMZ	$m_b=5.6$	1.7				0.13	SMN													
			PMZ	$m_b=5.9$	8.0				1.12	SME													
			pP	07 09 35.0	-4.5				LE	$M_g=4.2$	8.0				0.44								
			PP	07 12 24.0	-1.8				LZ	$M_g=4.3$	10.0				0.76								
			S	07 19 16.0	0.1				eP		10 50 57.0				1.5								
			SS	07 24 12.0	-1.1				LZ	$M_g=4.3$	8.0				0.57								
			LN	$M_s=6.2$	13.0				2.32														
			LE		12.0				4.38														
			LZ	$M_s=5.7$	20.0				3.62														
QZH	78.5	67	eP	07 09 44.5	-1.1	DEC 21d 11h 38m $17.9 \pm 0.04s$, SD0.97 / 206																	
			S	07 19 44.0	4.7	20.56 S $\pm 0.55km$, 178.58 W $\pm 0.70km$, h601 $\pm 0.29km$																	
			LE	$M_s=5.9$	16.0	2.68	Fiji region (181)																
BJI	1.7	278	Pg	07 34 40.0	-1.2	$m_b 5.4 / 1, m_b 5.1 / 58,$																	
			Sg	07 35 03.0	-2.1	QZH	76.0	304	eP	11 49 06.0	-0.5												
			SMN	$M_L=2.8$	0.5	0.12	SSE	77.3	310	eP	11 49 13.2	-0.4											
			SME		0.5	0.090	PMZ	$m_b=4.3$	0.8	0.010													
			DL2	2.6	109	Pg	07 34 56.5	-0.4	GZH	79.3	300	-P	11 49 25.0	1.0									
						Sg	07 35 31.0	-2.0	NJ2	79.5	310	-P	11 49 25.0	-0.2									
						SMN	$M_L=3.1$	0.5	0.10	PMZ	$m_b=4.7$	1.2	0.036										
			TIA	3.7	196	SME		0.5	0.11	MDJ	80.3	325	eP	11 49 28.0	-1.1								
						Pn	07 35 13.0	4.8	SNY	81.9	320	-iP	11 49 37.0	-0.5									
						Pg	07 35 21.4	5.2	PMZ	$m_b=5.0$	1.0	0.069											
SNY	4.4	61	SMN	$M_L=3.1$	0.4	0.040	CN2	82.0	323	-P	11 49 37.4	-0.7											
			SME		0.4	0.050	WHN	82.0	307	-P	11 49 38.5	0.3											
			ePg	07 35 30.6	2.7	BJI	85.6	316	eP	11 49 55.0	-0.5												
HHC	5.3	283	Sg	07 36 28.6	0.6	PMZ	$m_b=5.3$	1.5	0.10														
			SMN	$M_L=3.3$	0.6	0.078	PMZ	$m_b=5.4$	5.0	0.46													
			SME		0.6	0.034	GYA	86.2	300	P	11 49 59.0	0.3											
HHC	5.3	283	Pg	07 35 46.0	1.1	TIY	86.9	312	eP	11 50 02.0	0.0												
			Sg	07 36 57.6	-0.1	XAN	87.7	308	P	11 50 02.0	-3.9												
			SMN	$M_L=3.3$	0.8	0.023	KMI	88.9	297	-P	11 50 12.5	1.0											
QZH	2.9	289	SME		0.9	0.035	PMZ	$m_b=5.3$	2.0	0.10													
			Pn	10 47 12.8	0.4	pP	11 52 23.0	3.3															
			Sn	10 47 47.0	-1.3	sP	11 53 21.0	2.9															
			SMN	$M_L=3.8$	0.8	0.50	S	12 00 10.0	3.0														
			SME		0.8	0.36	HHC	89.0	315	eP	11 50 12.0	0.1											
			SSE	7.1	357	eP	10 48 10.5	-0.9	CD2	90.4	303	eP	11 50 18.4	0.3									
						eS	10 49 30.0	-1.4	LZH	92.4	308	eP	11 50 27.5	0.1									
						SMN	$M_L=4.1$	1.2	0.078	PMZ	$m_b=5.3$	2.0	0.061										
			NJ2	8.4	343	SME		1.0	0.071	GTA	96.6	310	-P	11 50 45.8	-0.6								
						LN	$M_s=3.6$	9.0	0.44	PMZ	$m_b=4.8$	1.2	0.010										
LZ	$M_s=3.6$	10.0				0.48	DEC 21d 12h 41m $12.6 \pm 0.04s$, SD2.16 / 9																
+P	10 48 27.8	-1.9				41.43 N $\pm 0.69km$, 90.40 E $\pm 0.35km$, h7 $\pm 0.21km$																	
S	10 50 01.0	-3.1				Southern Xinjiang Province (321)																	
WHN	9.2	317	SMN	$M_L=4.6$	0.8	0.17	WMQ	3.1	321	Pg	12 42 09.1	1.6											
			SME		1.1	0.12	Sg	12 42 51.4	1.6														
			LN	$M_s=3.9$	9.0	0.63	SMN	$M_L=3.3$	0.4	0.11													
SSE	76.7	310	LZ	$M_s=4.0$	10.0	0.96	SME		0.4	0.12													
			eP	10 48 39.5	-1.5	GTA	7.5	103	Pg	12 43 26.4	1.9												
SSE	76.7	310	pP	10 48 44.0	-3.6		SMN	$M_L=3.4$	0.5	0.020													
						SME		0.5	0.010														
DEC 21d 12h 55m $45.3 \pm 0.04s$, SD1.13 / 206						DEC 21d 12h 55m $45.3 \pm 0.04s$, SD1.13 / 206																	
18.85 S $\pm 0.68km$, 177.97 W $\pm 0.76km$, h458 $\pm 0.25km$						18.85 S $\pm 0.68km$, 177.97 W $\pm 0.76km$, h458 $\pm 0.25km$																	
Fiji region (181)						Fiji region (181)																	
$m_b 5.5 / 2, m_b 5.3 / 63,$						$m_b 5.5 / 2, m_b 5.3 / 63,$																	
SSE						SSE																	
76.7						76.7																	
310						310																	
-P						-P																	
13 06 49.5						13 06 49.5																	
-0.4						-0.4																	

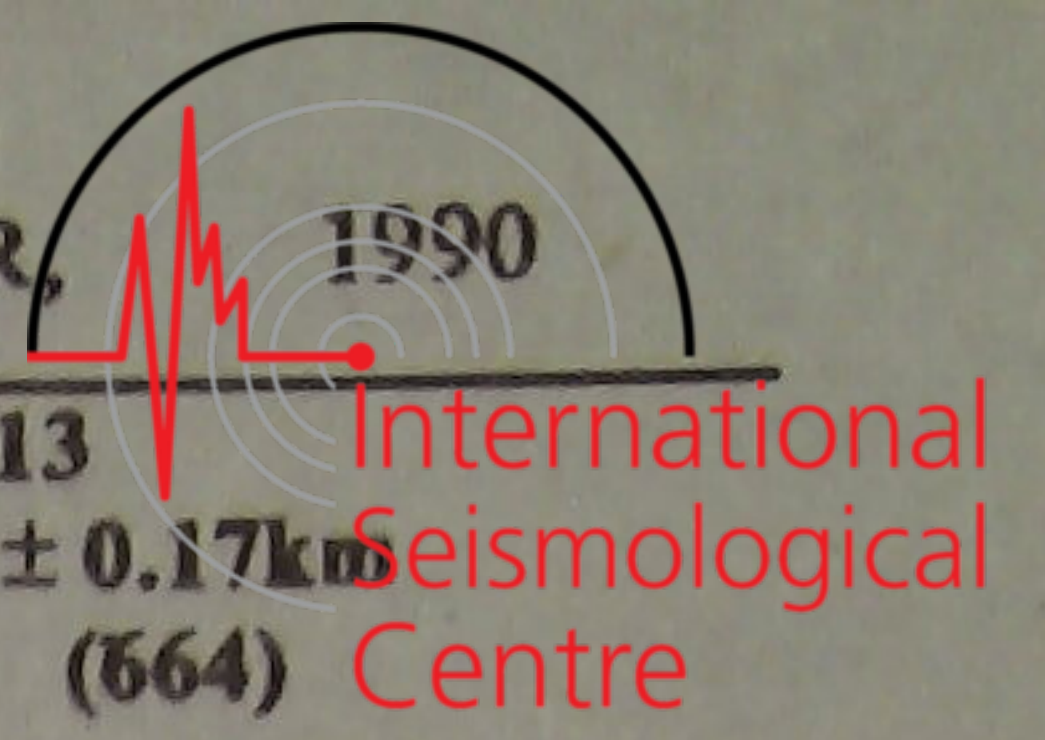
		PMZ		$m_b = 5.5$	1.5	0.091			pP	19 13 55.5	1.4		
		pP	19 12 25.0	-0.3					sP	19 14 00.5	3.0		
		S	19 20 52.2	2.1					PP	19 16 47.5	2.0		
		ScS	19 22 07.0	2.6					eS	19 23 41.0	-1.5		
		LN		$M_s = 5.3$	11.0	0.73			LZ		$M_s = 5.1$	25.0	1.09
		LZ		$M_s = 5.0$	20.0	1.11	GTA	83.3 314	+iP	19 14 09.0	0.3		
NJ2	66.3 315	+P	19 12 30.4	-0.4					PMZ		$m_b = 6.1$	1.4	0.30
		PMZ		$m_b = 5.3$	1.5	0.059			PMZ		$m_b = 6.1$	5.0	1.07
QZN	66.5 299	eP	19 12 32.0	0.2					pP	19 14 17.0	0.1		
		eS	19 21 18.0	-1.6					ePP	19 17 28.0	6.8		
WHN	68.6 312	+P	19 12 44.7	-0.5					SKS	19 24 25.0	1.1		
		PMZ		$m_b = 5.8$	1.7	0.20			S	19 24 29.0	3.7		
		PcP	19 13 09.5	0.2					LE		$M_s = 5.3$	11.0	0.40
MDJ	68.8 332	+P	19 12 45.2	-1.1					LZ		$M_s = 5.2$	18.0	0.90
		PMZ		$m_b = 6.0$	1.5	0.27	LSA	86.3 302	+iP	19 14 24.4	0.6		
		pP	19 12 54.0	-0.6			WMQ	93.4 314	+iP	19 14 57.5	0.7		
		eS	19 21 45.0	-2.4					PMZ		$m_b = 6.1$	1.0	0.10
		LZ		$M_s = 5.3$	20.0	1.87			PP	19 18 42.5	-0.1		
DL2	68.9 323	eP	19 12 51.0	4.1					SKS	19 25 24.0	-2.5		
SNY	69.8 326	eP	19 12 50.9	-1.4					S	19 26 05.0	6.2		
		PMZ		$m_b = 5.7$	2.0	0.17							
		pP	19 13 01.4	0.8									
		sP	19 13 05.2	1.0									
		S	19 22 00.0	2.4									
		LZ		$M_s = 5.1$	22.0	1.31							
CN2	70.2 329	+iP	19 12 53.8	-1.1									
		PMZ		$m_b = 5.9$	1.6	0.24	WHN	82.3 306	eP	21 01 03.7	1.0		
		PMZ			3.0	0.40	BJI	85.3 315	eP	21 01 18.0	0.0		
		eS	19 22 07.0	3.1					PMZ		$m_b = 5.4$	1.5	0.063
GYA	72.4 304	+iP	19 13 08.0	-0.5			TIY	86.9 311	eP	21 01 25.5	-0.1		
		PMZ		$m_b = 5.6$	1.4	0.10	XAN	87.9 307	P	21 01 31.5	0.7		
		PMZ			3.0	1.00	HHC	88.8 314	P	21 01 36.0	0.9		
		pP	19 13 16.0	-0.6			BTO	89.8 313	eP	21 01 37.6	-2.0		
		S	19 22 28.0	-0.4									
		sS	19 22 42.0	-1.6									
BJI	72.9 321	eP	19 13 10.5	-0.5									
		PMZ		$m_b = 5.9$	1.5	0.21							
		PMZ		$m_b = 5.9$	6.0	0.91							
		eS	19 22 32.0	-2.9			WMQ	11.1 39	P	00 24 15.6	-0.4		
		SKS	19 23 07.0	-1.9					SMN			1.5	0.020
		LZ		$M_s = 5.5$	26.0	3.30							
TIY	73.9 317	+iP	19 13 16.6	-0.5									
		PMZ		$m_b = 5.9$	1.4	0.21							
		S	19 22 49.5	4.5									
		LE		$M_s = 5.1$	12.0	0.41	QZN	22.7 323	eP	01 16 24.6	1.2		
		LZ		$M_s = 5.0$	25.0	1.11			LN		$M_s = 4.8$	12.0	1.20
XAN	74.4 312	+P	19 13 19.0	-0.7					LE			12.0	1.20
		S	19 22 49.0	-1.2									
KMI	75.0 302	+P	19 13 24.0	0.1			GZH	24.2 335	eP	01 16 39.6	1.0		
		PMZ		$m_b = 5.8$	1.6	0.22			S	01 20 54.0	3.8		
		PMZ		$m_b = 6.1$	4.0	1.00			LN		$M_s = 4.9$	12.0	1.25
		pP	19 13 35.0	3.2					LE			10.0	1.02
		S	19 22 55.0	-2.7					LZ		$M_s = 4.9$	15.0	2.93
		LZ		$M_s = 5.2$	30.0	1.90	SSE	30.0 355	eP	01 17 31.5	0.5		
HHC	76.2 319	+P	19 13 30.0	-0.4					pP	01 17 41.0	-1.7		
		PMZ		$m_b = 5.7$	1.0	0.088			eS	01 22 28.0	4.1		
		eS	19 23 08.0	-4.4					sS	01 22 46.0	2.0		
CD2	76.7 307	P	19 13 33.4	0.2					LN		$M_s = 4.6$	9.0	0.44
		PMZ		$m_b = 5.8$	1.4	0.18	GYA	30.3 328	P	01 17 34.6	0.2		
		S	19 23 22.0	5.9					sP	01 17 48.0	-3.1		
BTO	77.1 318	+iP	19 13 35.0	-0.2					sS	01 22 52.0	2.4		
		pP	19 13 46.0	2.7					LN		$M_s = 4.9$	14.0	1.20
		eS	19 23 19.0	-2.6					LE			14.0	0.90
		LN		$M_s = 5.5$	15.0	0.70			LZ		$M_s = 4.5$	20.0	1.00
LZH	79.0 312	+iP	19 13 46.5	0.5			WHN	30.7 343	eP	01 17 38.5	0.7		
		PMZ		$m_b = 6.1$	1.5	0.34			pP	01 17 48.0	-1.4		
		PMZ		$m_b = 5.9$	6.5	0.92			LE		$M_s = 4.7$	10.0	0.70
									LZ		$M_s = 4.3$	18.0	0.60



NJ2	31.2	351	-P	01 17 42.8	0.9				WHN	68.3	312	+P	17 59 28.0	-0.7			
			eS	01 22 46.0	2.9							PMZ	$m_b=4.9$	1.0	0.020		
			LZ	$M_s=4.2$	28.0	0.71			DL2	68.7	323	P	17 59 30.0	-1.2			
KMI	31.6	321	-P	01 17 47.0	1.1							PMZ	$m_b=5.6$	1.0	0.10		
			pP	01 17 58.0	0.8				MDJ	68.7	332	+P	17 59 30.0	-1.3			
			eS	01 22 52.0	1.7							PMZ	$m_b=5.6$	1.4	0.13		
			LZ	$M_s=4.9$	14.0	1.80			SNY	69.6	327	eP	17 59 34.6	-2.2			
CD2	35.4	329	P	01 18 18.0	-0.4							PMZ	$m_b=4.6$	1.2	0.012		
			PMZ	$m_b=5.9$	2.0	0.46			CN2	70.1	329	+P	17 59 38.2	-1.4			
			S	01 23 53.0	5.2							PMZ	$m_b=5.2$	1.0	0.040		
			LZ	$M_s=5.0$	18.0	2.46						eS	18 08 38.0	0.1			
XAN	35.7	338	P	01 18 21.0	-0.3				GYA	72.0	305	+iP	17 59 51.4	0.0			
			LN	$M_s=5.0$	10.0	0.74						PMZ	$m_b=5.4$	1.2	0.080		
			LE		12.0	0.89			BJI	72.7	321	eP	17 59 53.5	-1.5			
TIY	38.0	345	eP	01 18 40.0	-0.4							PMZ	$m_b=5.7$	2.0	0.24		
			sP	01 18 55.0	-2.3				TIY	73.6	317	+P	18 00 01.0	0.2			
			S	01 24 34.5	6.9							PMZ	$m_b=5.5$	1.2	0.10		
			sS	01 24 53.0	4.1							S	18 09 22.0	4.9			
			LN	$M_s=4.8$	15.0	0.88						LZ		26.0	0.43		
			LZ	$M_s=4.6$	23.0	1.07			XAN	74.1	313	+P	18 00 02.7	-0.5			
BJI	39.4	350	eP	01 18 51.0	-1.1				KMI	74.6	302	+P	18 00 07.5	0.9			
			PMZ	$m_b=5.4$	2.0	0.13						PMZ	$m_b=5.7$	1.5	0.23		
			LZ	$M_s=4.5$	24.0	0.95			HHC	76.0	320	eP	18 00 14.2	0.0			
LZH	39.6	334	+P	01 18 54.0	0.3				CD2	76.3	308	P	18 00 15.8	-0.4			
			PMZ	$m_b=5.7$	2.0	0.23						PMZ	$m_b=5.3$	1.0	0.060		
			PMZ	$m_b=5.7$	5.0	0.66			BTO	76.8	319	P	18 00 19.0	0.2			
			pP	01 19 04.5	-0.9				LZH	78.7	312	eP	18 00 27.5	-1.7			
			sP	01 19 08.5	-2.1							PMZ	$m_b=5.6$	1.8	0.19		
			PP	01 20 30.0	1.4							PMZ	$m_b=5.6$	4.0	0.52		
			S	01 24 55.0	3.3				GTA	83.0	314	+iP	18 00 52.2	0.1			
			sS	01 25 12.0	-0.9							PMZ	$m_b=5.8$	3.5	0.52		
			LN	$M_s=4.9$	10.0	0.71			LSA	85.9	302	eP	18 01 07.2	0.7			
			LZ	$M_s=4.8$	20.0	1.51			WMQ	93.1	315	+iP	18 01 39.5	-0.6			
HHC	41.2	345	+P	01 19 07.0	0.2				DEC 23d 21h 03m 03.4 ± 0.04s, SD1.20 / 158 0.63 S ± 0.59km, 127.43 E ± 0.87km, h31 ± 0.05km Molucca Sea (269) $M_s 5.0 / 25, m_b 5.9 / 10, m_b 5.5 / 48$								
			PP	01 20 43.0	-1.8				QZN	26.1	319	eP	21 08 35.2	-1.1			
			PPMZ		6.0	0.43						S	21 13 03.0	0.3			
			eS	01 25 17.6	1.0							sS	21 13 19.0	1.2			
			LZ	$M_s=4.7$	24.0	1.35						LN	$M_s=4.9$	12.0	1.20		
BTO	41.3	344	P	01 19 07.5	-0.7							LE		12.0	1.20		
			sP	01 19 22.5	-2.7				QZH	26.8	342	-P	21 08 43.5	0.3			
			S	01 25 21.0	3.0							S	21 13 18.0	3.0			
			LN	$M_s=5.0$	12.0	0.60						LZ	$M_s=4.9$	36.0	5.26		
			LE		12.0	0.70			GZH	27.3	331	-P	21 08 48.0	0.7			
GTA	44.1	333	-iP	01 19 31.4	0.5							PMZ	$m_b=5.7$	1.0	0.17		
			PMZ	$m_b=5.7$	4.0	0.50						iS	21 13 25.0	2.0			
			sP	01 19 43.0	-4.8							LE	$M_s=4.9$	13.0	1.72		
			eS	01 26 03.5	3.6							LZ	$M_s=5.0$	14.0	2.67		
			eSS	01 29 14.0	4.1				SSE	32.1	350	+P	21 09 30.5	0.2			
			LE	$M_s=5.0$	12.0	0.80						PMZ	$m_b=5.5$	1.0	0.082		
			LZ	$M_s=4.9$	16.0	1.10						pP	21 09 39.5	0.4			
WMQ	53.5	328	P	01 20 43.5	0.5							eS	21 14 38.0	-1.7			
			PMZ	$m_b=5.0$	2.0	0.040						sS	21 14 52.0	-2.4			
			pP	01 20 52.5	-2.5							PcS	21 16 04.0	1.7			
			S	01 28 16.0	6.8							LN	$M_s=4.9$	12.0	0.54		
			sS	01 28 29.0	-2.2							LE		11.0	0.89		
			LZ	$M_s=4.9$	16.0	0.84						LZ	$M_s=4.7$	20.0	1.39		
DEC 23d 17h 48m 40.3 ± 0.05s, SD1.26 / 268 15.18 S ± 0.77km, 167.36 E ± 0.94km, h142 ± 0.33km Vanuatu (New Hebrides) (186) $m_b 5.7 / 2, m_b 5.5 / 48,$									WHN	33.4	339	+P	21 09 43.0	1.3			
SSE	63.9	316	+P	17 58 59.5	-1.2							PMZ	$m_b=5.9$	1.0	0.20		
			PMZ	$m_b=5.0$	1.5	0.037						PMZ	$m_b=6.0$	4.0	0.90		
			PcP	17 59 34.5	0.3							sP	21 09 56.0	1.7			
			eS	18 07 23.0	-0.7							S	21 15 03.0	3.8			
			LZ		20.0	0.46						SMN		11.0	1.60		
NJ2	66.1	316	-P	17 59 14.2	-0.5				NJ2	33.5	347	-P	21 09 43.2	0.7			
			PMZ	$m_b=5.2$	1.0	0.040						SME		7.0	1.30		

GYA	33.6 325	PMZ	$m_b = 5.6$	1.0	0.10	CN2	44.3 358	PP	21 12 50.0	-4.1	MDJ	45.1 2	PP	21 11 11.6	-0.7																																				
		pP	21 09 52.0	0.6	LSA			45.9 314	eS	21 17 39.0			-1.1	GTA	47.2 331	pP	21 11 22.0	0.7																																	
		S	21 14 58.0	-2.6					WMQ	56.7 326			LN			$M_s = 4.9$	13.0	0.50	KSH	61.7 317	PcP	21 12 55.0	-1.3																												
		LE	$M_s = 5.0$	14.0									1.69			KMI	1.1 85	LN			$M_s = 5.2$	12.0	0.57	CD2	6.1 18	ScP	21 16 44.0	-0.5																							
		LZ	$M_s = 4.5$	24.0									0.98					SNY			42.4 356	LE	$M_s = 4.8$			8.0	0.79	LZH	42.6 331	ScS	21 21 05.0	-0.1																			
		+iP	21 09 43.6	0.5									BJI									41.8 347	LZ			$M_s = 4.9$	20.0			1.12	HHC	43.7 343	eP	21 11 17.7	-1.2																
		PMZ	$m_b = 5.4$	1.2																			0.080			TIY	40.6 342			S			$M_s = 5.0$	17.0	1.00	BTO	44.0 341	eP	21 11 09.0	-1.2											
		pP	21 09 49.0	-2.9																			DL2							39.7 353			S	$M_s = 4.9$	15.0			1.30	WMQ	56.7 326	PMZ	$m_b = 5.5$	1.0	0.063							
		PP	21 11 00.0	4.9																													TIY	40.6 342	LN			$M_s = 4.9$			15.0	1.40	KMI	1.1 85	S	21 17 56.0	1.3				
		S	21 15 05.0	3.5																															DL2			39.7 353			LZ	$M_s = 4.8$			30.0	2.04	KMI	1.1 85	SS	21 21 10.0	1.0
ScP	21 16 03.0	-0.7	DL2	39.7 353		LZ	$M_s = 4.6$				32.0	1.54																													KMI	1.1 85			LN	$M_s = 5.2$			12.0	0.57	
LN	$M_s = 5.1$	15.0			1.30	KMI	1.1 85	LZ			$M_s = 4.6$	32.0		1.54	KMI																														1.1 85	LE			$M_s = 4.8$	8.0	0.79
LE	15.0	1.40			KMI			1.1 85	+P	21 09 56.5	0.6	KMI		1.1 85					LZ	$M_s = 4.8$																										20.0			1.12		
+P	21 09 56.5	0.6							KMI	1.1 85	PMZ					$m_b = 5.7$	1.6		0.22	KMI				1.1 85	+iP																					21 11 27.2			1.4		
PMZ	$m_b = 5.7$	1.6									0.22					KMI	1.1 85	pP	21 10 05.5		0.9				KMI			1.1 85	S																	21 18 11.0			4.8		
pP	21 10 05.5	0.9									KMI		1.1 85					sP	21 10 08.5		0.2	KMI							1.1 85		SME															6.0			0.70		
sP	21 10 08.5	0.2																KMI	1.1 85		S					21 15 22.0	-2.3				KMI	1.1 85				LZ	$M_s = 5.2$									40.0			6.06		
S	21 15 22.0	-2.3																			KMI		1.1 85			iS	21 15 30.0			4.3						KMI	1.1 85		LZ	$M_s = 4.8$						20.0			1.12		
iS	21 15 30.0	4.3																								KMI	1.1 85			LZ			$M_s = 5.0$	25.0					3.10	KMI			1.1 85	S		$M_s = 4.8$			30.0	2.04	
LZ	$M_s = 5.0$	25.0																												3.10			KMI	1.1 85	LZ			$M_s = 4.9$	14.0					1.20		KMI	1.1 85	S	$M_s = 4.9$	15.0	0.88
-P	21 10 19.2	-0.6	KMI	1.1 85																										eP					21 10 37.0			2.2	KMI		1.1 85	LZ		$M_s = 4.9$				14.0	1.20	KMI	1.1 85
eS	21 16 08.8	-0.3				KMI	1.1 85								PMZ															$m_b = 5.7$					1.0			0.12				KMI		1.1 85	S			21 16 20.0	1.0		
LN	$M_s = 4.9$	14.0			0.89			KMI				1.1 85		PP	21 11 54.0															-3.8					KMI			1.1 85							SS			21 19 39.0	-5.8		
LZ	$M_s = 4.6$	32.0			1.54				KMI	1.1 85				S	21 16 20.0					1.0				KMI						1.1 85															LN			$M_s = 4.9$	15.0		
+P	21 10 25.9	0.2			KMI									1.1 85	PMZ	$m_b = 5.7$	1.0			0.12					KMI			1.1 85																	LZ			$M_s = 4.8$	30.0		
PMZ	$m_b = 5.7$	1.0									0.12		KMI		1.1 85	PP	21 11 54.0			-3.8		KMI							1.1 85																LZ			$M_s = 4.8$	30.0		
PP	21 11 54.0	-3.8									KMI					1.1 85	S	21 16 20.0	1.0	KMI											1.1 85	LZ													$M_s = 4.8$			30.0	2.04		
S	21 16 20.0	1.0															KMI	1.1 85	S		21 16 21.0		1.7									KMI				1.1 85	LZ								$M_s = 4.8$			30.0	2.04		
+P	21 10 26.0	0.1																	KMI		1.1 85		LN			1.0	0.91										KMI			1.1 85			LZ		$M_s = 4.8$			30.0	2.04		
S	21 16 21.0	1.7																					KMI			1.1 85	eP						21 10 37.0	2.2									KMI		1.1 85	LZ	$M_s = 4.8$	30.0	2.04		
LN	1.0	0.91	KMI	1.1 85																							PMZ						$m_b = 5.7$	1.0					0.12		KMI					1.1 85	LZ	$M_s = 4.8$	30.0	2.04	
eP	21 10 37.0	2.2				KMI	1.1 85																				S						21 16 31.0	-4.6					KMI			1.1 85		LZ			$M_s = 4.9$	14.0	1.20		
PMZ	$m_b = 5.7$	1.0						0.12				KMI															1.1 85						LZ	$M_s = 4.9$	14.0			1.20						KMI			1.1 85	LZ	$M_s = 4.9$	14.0	1.20
S	21 16 31.0	-4.6						KMI	1.1 85	LZ														$M_s = 4.9$						14.0			1.20	KMI	1.1 85			LZ										$M_s = 4.9$	14.0	1.20	
LZ	$M_s = 4.9$	14.0			1.20					KMI				1.1 85										LZ	$M_s = 4.9$			14.0		1.20			KMI					1.1 85										LZ	$M_s = 4.9$	14.0	1.20
eP	21 10 42.0	-0.3			KMI								1.1 85		LZ							$M_s = 4.9$		14.0	1.20			KMI	1.1 85	LZ																		$M_s = 4.9$	14.0	1.20	
PMZ	$m_b = 5.7$	0.8									0.090				KMI	1.1 85				LZ		$M_s = 4.9$		14.0	1.20					KMI	1.1 85																	LZ	$M_s = 4.9$	14.0	1.20
S	21 16 50.5	1.6									KMI						1.1 85	LZ		$M_s = 4.9$		14.0		1.20	KMI							1.1 85				LZ												$M_s = 4.9$	14.0	1.20	
SS	21 19 39.0	-5.8																KMI	1.1 85	LZ	$M_s = 4.9$	14.0		1.20												KMI	1.1 85			LZ								$M_s = 4.9$	14.0	1.20	
LN	$M_s = 4.9$	15.0																		0.88	KMI	1.1 85	LZ	$M_s = 4.9$		14.0														1.20			KMI		1.1 85			LZ	$M_s = 4.9$	14.0	1.20
LZ	$M_s = 4.8$	30.0	2.04	KMI																1.1 85			LZ	$M_s = 4.9$		14.0														1.20	KMI					1.1 85		LZ	$M_s = 4.9$	14.0	1.20
eP	21 10 51.0	-0.9	KMI			1.1 85	LZ																$M_s = 4.8$	30.0		2.04													KMI	1.1 85		LZ						$M_s = 4.9$	14.0	1.20	
PMZ	$m_b = 5.5$	1.0					0.077					KMI											1.1 85	LZ		$M_s = 4.8$	30.0															2.04		KMI			1.1 85	LZ	$M_s = 4.9$	14.0	1.20
PMZ	$m_b = 5.5$	1.0					0.077	KMI	1.1 85															LZ		$M_s = 4.8$	30.0							2.04	KMI							1.1 85						LZ	$M_s = 4.9$	14.0	1.20
PMZ	$m_b = 6.0$	6.0					1.37			KMI				1.1 85										LZ		$M_s = 4.8$	30.0						2.04	KMI				1.1 85										LZ	$M_s = 4.9$	14.0	1.20
eScP	21 16 37.5	3.1			KMI		1.1 85						LZ											$M_s = 4.8$		30.0	2.04	KMI	1.1 85				LZ															$M_s = 4.9$	14.0	1.20	
eS	21 17 06.0	-1.2											KMI		1.1 85	LZ								$M_s = 4.8$		30.0	2.04			KMI	1.1 85		LZ															$M_s = 4.9$	14.0	1.20	
LN	$M_s = 4.9$	14.0									0.85					KMI	1.1 85							LZ	$M_s = 4.8$	30.0	2.04					KMI	1.1 85															LZ	$M_s = 4.9$	14.0	1.20
LZ	$M_s = 4.8$	26.0									1.65							KMI	1.1 85					LZ	$M_s = 4.8$	30.0	2.04									KMI	1.1 85											LZ	$M_s = 4.9$	14.0	1.20
-P	21 10 56.4	-0.8									KMI										1.1 85	LZ		$M_s = 4.8$	30.0	2.04	KMI																1.1 85		LZ			$M_s = 4.9$	14.0	1.20	
pP	21 11 06.0	-0.1		KMI																1.1 85		LZ		$M_s = 4.8$	30.0	2.04															KMI				1.1 85	LZ		$M_s = 4.9$	14.0	1.20	
PP	21 12 36.0	-2.5	KMI			1.1 85																LZ		$M_s = 4.8$	30.0	2.04													KMI	1.1 85						LZ		$M_s = 4.9$	14.0	1.20	
LZ	$M_s = 4.8$	22.0										1.50										KMI	1.1 85	LZ	$M_s = 4.8$	30.0																		2.04		KMI	1.1 85	LZ	$M_s = 4.9$	14.0	1.20
+P	21 11 00.0	0.9						KMI	1.1 85			LZ												$M_s = 4.8$	30.0	2.04									KMI							1.1 85		LZ				$M_s = 4.9$	14.0	1.20	
PMZ	$m_b = 5.8$	1.5								0.22		KMI		1.1 85										LZ	$M_s = 4.8$	30.0								2.04				KMI						1.1 85				LZ	$M_s = 4.9$	14.0	1.20
PMZ	$m_b = 5.9$	6.0			1.07		KMI			1.1 85														LZ	$M_s = 4.8$	30.0		2.04	KMI					1.1 85														LZ	$M_s = 4.9$	14.0	1.20
pP	21 11 06.5	-1.4			KMI								1.1 85		LZ									$M_s = 4.8$	30.0	2.04		KMI		1.1 85	LZ																	$M_s = 4.9$	14.0	1.20	
sP	21 11 12.5	0.8													KMI	1.1 85	LZ							$M_s = 4.8$	30.0	2.04					KMI	1.1 85	LZ															$M_s = 4.9$	14.0	1.20	
PP	21 12 40.5	0.0															KMI	1.1 85	LZ					$M_s = 4.8$	30.0	2.04							KMI			1.1 85	LZ											$M_s = 4.9$	14.0	1.20	
ScP	21 16 40.0	2.2									KMI								1.1 85		LZ			$M_s = 4.8$	30.0	2.04	KMI										1.1 85						LZ					$M_s = 4.9$	14.0	1.20	
eS	21 17 20.0	-0.1		KMI																1.1 85	LZ			$M_s = 4.8$	30.0	2.04															KMI		1.1 85		LZ			$M_s = 4.9$	14.0	1.20	
sS	21 17 35.0	0.4	KMI			1.1 85															LZ			$M_s = 4.8$	30.0	2.04													KMI	1.1 85					LZ			$M_s = 4.9$	14.0	1.20	
LN	$M_s = 4.9$	12.0																			0.68	KMI	1.1 85	LZ	$M_s = 4.8$	30.0																			2.04	KMI	1.1 85	LZ	$M_s = 4.9$	14.0	1.20
LZ	$M_s = 4.8$	24.0						1.66	KMI												1.1 85			LZ	$M_s = 4.8$	30.0									2.04							KMI			1.1 85			LZ	$M_s = 4.9$	14.0	1.20
eP	21 11 08.0	-0.1						KMI				1.1 85		LZ										$M_s = 4.8$	30.0	2.04									KMI			1.1 85						LZ				$M_s = 4.9$	14.0	1.20	
PP	21 12 57.0	5.4					KMI			1.1 85				LZ										$M_s = 4.8$	30.0	2.04			KMI					1.1 85										LZ				$M_s = 4.9$	14.0	1.20	
eS	21 17 35.6	-0.7			KMI								1.1 85	LZ										$M_s = 4.8$	30.0	2.04		KMI		1.1 85														LZ				$M_s = 4.9$	14.0	1.20	
LZ	$M_s = 5.1$	30.0												3.42	KMI	1.1 85																																			

NJ2	48.5	322	LN	$M_s = 5.6$	21.0	3.40	XAN	56.1	317	sP	10 22 03.0	-2.7	LN	$M_s = 5.7$	22.0	4.56								
			LE		20.0	3.60				PcP	10 22 42.0	-2.4					LZ	$M_s = 5.6$	22.0	6.14				
			+P	10 20 54.0	1.2					ScP	10 26 40.0	3.0					+P	10 21 49.0	-1.2					
			PMZ	$m_b = 5.5$	1.0	0.060				eS	10 29 26.0	-0.8					S	10 29 34.0	1.7					
			PMZ	$m_B = 6.1$	6.0	1.40				ScS	10 31 26.0	-0.1					LN	$M_s = 5.7$	18.0	2.32				
			pP	10 21 06.0	-0.1					LN							LE		23.0	4.26				
			ScP	10 26 09.5	3.4					LZ	$M_s = 5.6$	12.0					+P	10 21 49.8	-0.7					
			S	10 27 54.0	6.4					PMZ	$m_b = 5.8$	1.0					PMZ	$m_b = 5.5$	1.0	0.060				
WHN	50.4	317	LN	$M_s = 5.6$	20.0	2.72	TIY	56.2	323	SS	10 33 24.0	4.3	KMI	56.2	305	LZ	$M_s = 5.6$	24.0	6.67					
			LE		20.0	3.47				+P	10 21 52.0	0.8				PMZ	$m_b = 5.9$	2.5	0.40					
			LZ	$M_s = 5.6$	12.0	3.64				PMZ	$m_B = 6.1$	4.0				1.00	pP	10 22 07.5	3.1					
			+P	10 21 08.5	1.0					S	10 29 35.0	1.3					PP	10 23 57.0	0.1					
			PMZ	$m_b = 5.8$	1.0	0.11				LN	$M_s = 5.5$	20.0				4.30	S	10 29 35.0	1.3					
			PMZ	$m_B = 6.1$	4.0	1.00				LE	$M_s = 5.7$	18.0				3.60	LZ	$M_s = 5.5$	20.0	4.30				
			pP	10 21 21.0	0.3					LE		18.0				3.19	+P	10 22 04.0	-0.3					
			eS	10 28 22.0	6.9					LZ	$M_s = 5.2$	26.0				3.27	pP	10 22 19.0	1.3					
DL2	52.0	330	LN	$M_s = 5.6$	20.0	2.72	CD2	58.1	311	PP	10 24 11.0	-2.8	HHC	58.7	325	pP	10 22 25.0	3.0						
			LE		20.0	3.47				S	10 30 00.0	1.6				PMZ	$m_b = 5.9$	1.0	0.17					
			LZ	$M_s = 5.6$	12.0	3.64				sS	10 30 20.0	-2.8				pP	10 22 25.0	3.0						
			+P	10 21 08.5	1.0					LZ	$M_s = 5.7$	23.0				6.85	sP	10 22 32.0	4.4					
			PMZ	$m_b = 5.8$	1.0	0.11				+P	10 22 04.0	-0.3					eS	10 30 10.0	2.1					
			PMZ	$m_B = 6.1$	4.0	1.00				pP	10 22 19.0	1.3					LN	$M_s = 5.8$	19.0	2.45				
			pP	10 21 21.0	0.3					PP	10 24 11.0	-2.8					LE		20.0	4.35				
			eS	10 28 22.0	6.9					S	10 30 00.0	1.6					LZ	$M_s = 5.5$	20.0	3.60				
TIA	52.4	325	LN	$M_s = 5.6$	20.0	2.72	BTO	59.5	324	LZ	$M_s = 5.5$	20.0	3.60	LZH	60.7	317	+iP	10 22 23.0	0.6					
			LE		20.0	3.47				+P	10 21 29.3	-1.5					PMZ	$m_b = 5.9$	1.4	0.20				
			LZ	$M_s = 5.6$	12.0	3.64				PMZ	$m_B = 5.9$	5.0	0.73				PMZ	$m_B = 5.9$	5.0	0.73				
			+P	10 21 08.5	1.0					pP	10 22 35.0	-0.7					pP	10 22 35.0	-0.7					
			PMZ	$m_b = 5.8$	1.0	0.11				S	10 29 35.0	1.3					sP	10 22 41.5	0.2					
			PMZ	$m_B = 6.1$	4.0	1.00				LN	$M_s = 5.7$	20.0	3.00				PcP	10 23 07.5	3.0					
			pP	10 21 21.0	0.3					LE		20.0	3.30				PP	10 24 40.0	2.8					
			eS	10 28 22.0	6.9					LZ	$M_s = 5.4$	26.0	4.50				S	10 30 34.0	1.9					
SNY	53.4	334	LN	$M_s = 5.6$	20.0	2.72	GTA	65.2	318	sS	10 30 57.0	0.5	LSA	67.5	305	+iP	10 22 52.0	0.1						
			LE		20.0	3.47				PMZ	$m_b = 5.9$	5.0				0.73	PMZ	$m_B = 5.9$	5.0	0.73				
			LZ	$M_s = 5.6$	12.0	3.64				pP	10 23 03.4	-2.0					pP	10 23 03.4	-2.0					
			+P	10 21 08.5	1.0					PcP	10 23 24.0	1.4					PcP	10 23 24.0	1.4					
			PMZ	$m_b = 5.8$	1.0	0.11				PP	10 25 12.0	-4.3					PP	10 25 12.0	-4.3					
			PMZ	$m_B = 6.1$	4.0	1.00				ScP	10 27 20.8	1.6					ScP	10 27 20.8	1.6					
			pP	10 21 21.0	0.3					PcS	10 27 27.0	1.6					PcS	10 27 27.0	1.6					
			eS	10 28 22.0	6.9					S	10 31 29.0	1.2					S	10 31 29.0	1.2					
MDJ	53.5	341	LN	$M_s = 5.6$	20.0	2.72	WMQ	75.3	318	SS	10 35 46.0	3.2	LSA	67.5	305	eP	10 23 07.2	0.4						
			LE		20.0	3.47				SS	10 35 46.0	3.2					PMZ	$m_b = 5.6$	1.0	0.080				
			LZ	$M_s = 5.6$	12.0	3.64				LE	$M_s = 5.6$	16.0				1.90	eS	10 33 25.0	-2.0					
			+P	10 21 08.5	1.0					LZ	$M_s = 5.4$	28.0				3.50								
			PMZ	$m_b = 5.8$	1.0	0.11				+P	10 21 45.5	-1.1												
			PMZ	$m_B = 6.1$	4.0	1.00				PMZ	$m_b = 5.6$	1.2				0.10								
			pP	10 21 21.0	0.3					PMZ	$m_B = 6.1$	4.0				0.94								
			eS	10 28 22.0	6.9					pP	10 21 59.0	-1.0												
GYA	53.7	308	LN	$M_s = 5.6$	20.0	2.72																		
			LE		20.0	3.47																		
			LZ	$M_s = 5.6$	12.0	3.64																		
			+iP	10 21 33.4	0.7																			
			PMZ		3.0	1.20																		
			pP	10 21 45.0	-1.0																			
			sP	10 21 50.0	-1.6																			
			PcP	10 22 37.0	-0.1																			
CN2	54.3	337	S	10 29 04.0	4.2																			
			LN	$M_s = 5.7$	20.0	3.00																		
			LE		20.0	3.30																		
			LZ	$M_s = 5.1$	26.0	2.40																		
			+P	10 21 36.3	-0.3																			
			PMZ	$m_b = 5.2$	1.0	0.030																		
			PMZ	$m_B = 6.1$	8.0	2.00																		
			pP	10 21 47.0	-3.1																			
BJI	55.6	327	PcP	10 22 37.3	-1.9																			
			ScP	10 26 33.0	2.0																			
			S	10 29 08.0	0.7																			
			eSS	10 32 48.0	-0.8																			
			LN	$M_s = 5.6$	20.0	2.90																		
			LE		20.0	2.50																		
			LZ	$M_s = 5.8$	22.0	8.50																		
			+P	10 21 45.5	-1.1																			



				DEC 25d 03h 46m 12.6 ± 0.05s, SD2.46 / 13				33.31 N ± 0.52km, 108.97 E ± 0.48km, h16 ± 0.17km						
				Eastern China				(664)						
				M _L 3.6 / 11,										
			pP	01 12 29.0	-2.6			CD2	5.0 243	Pn	03 47 29.2	1.2		
			S	01 16 43.0	-2.2					Pg	03 47 48.3	6.9		
			sS	01 16 58.0	-3.2					Sn	03 48 26.7	-1.1		
			LE		M _S =4.9	11.0	1.62			Sg	03 48 49.0	-1.1		
			LZ		M _S =5.2	18.0	6.53			SMN		M _L =3.6	0.6	0.070
XAN	25.9	30	P	01 12 24.5	-1.1					SME			0.4	0.080
			LN		M _S =5.1	10.0	1.74			Pg	03 47 43.5	1.4		
			LE			10.0	1.49			Sn	03 48 26.5	-1.9		
WHN	26.5	43	eP	01 12 28.0	-3.4			LZH	5.1 305	Sg	03 48 50.0	-0.9		
			sP	01 12 41.0	-3.8					SMN		M _L =4.0	1.0	0.19
			LN		M _S =5.2	10.0	1.90			SME			1.0	0.14
			LE			12.0	2.50			eP	03 47 47.6	2.5		
			LZ		M _S =5.0	12.0	2.20			Sg	03 48 50.0	-6.4		
QZH	26.8	58	eP	01 12 35.0	0.9			TIY	5.2 32	SMN		M _L =3.4	0.6	0.050
			eS	01 17 06.0	-0.5					SME			0.7	0.040
			LN		M _S =4.8	12.0	1.24			eP	03 47 47.6	2.5		
			LZ		M _S =4.7	16.0	1.66			Sg	03 48 50.0	-6.4		
GTA	27.7	10	P	01 12 42.4	-0.1					SMN		M _L =3.4	0.6	0.050
			PMZ		m _b =5.4	2.5	0.22			SME			0.7	0.040
			pP	01 12 48.0	-3.5									
			PcP	01 15 59.2	1.0									
			LN		M _S =4.7	11.0	0.83							
			LZ		M _S =4.8	15.0	1.75							
NJ2	30.5	45	-P	01 13 08.0	0.8									
			eS	01 18 00.0	-5.5			KSH	6.0 1	P	03 58 15.0	0.5		
			LN		M _S =5.3	15.0	1.77			S	03 59 25.5	3.3		
			LE			15.0	3.05			SMN		M _L =5.6	1.0	3.30
			LZ		M _S =4.9	12.0	1.52			SME			1.0	5.30
TIY	30.5	30	eP	01 13 06.0	-1.5			LSA	13.7 102	eP	03 59 55.3	-3.5		
			sS	01 18 18.0	-3.5					LE		M _S =4.7	6.0	1.10
			LZ		M _S =4.4	30.0	1.26	WMQ	13.9 39	P	04 00 00.0	-1.9		
KSH	31.5	333	P	01 13 16.0	0.3					sP	04 00 17.0	0.7		
			sP	01 13 26.0	-2.9					S	04 02 33.5	-1.3		
			PP	01 14 18.0	-1.4					LN		M _S =5.3	4.0	2.79
			eS	01 18 20.0	-0.6					LE			4.0	2.19
			LN		M _S =5.3	10.0	2.70	GTA	20.2 66	+iP	04 01 19.2	-0.2		
SSE	31.7	49	P	01 13 16.0	-1.5					PMZ		m _b =5.3	3.5	0.52
			eS	01 18 24.0	0.2					sP	04 01 31.4	-3.6		
			LN		M _S =5.2	13.0	1.83			LN		M _S =4.7	10.0	1.29
			LE			13.0	1.56			LZ		M _S =4.6	10.0	1.28
			LZ		M _S =4.9	16.0	1.86	LZH	23.2 76	eP	04 01 49.5	0.3		
BTO	31.8	24	eP	01 13 17.0	-1.9					PMZ		m _b =5.0	1.5	0.10
			PP	01 14 28.0	3.8					pP	04 01 58.0	-1.9		
			eS	01 18 24.0	-2.2					sP	04 02 02.5	-2.6		
			LN		M _S =5.1	11.0	1.30			PP	04 02 20.5	0.8		
			LE			11.0	1.20			S	04 05 54.0	1.2		
			LZ		M _S =4.9	12.0	1.50			LN		M _S =4.6	12.0	0.73
WMQ	32.0	352	P	01 13 20.0	-0.3					LE			11.0	0.46
			pP	01 13 27.5	-1.9					LZ		M _S =4.2	20.0	0.73
			PP	01 14 29.5	3.3			CD2	23.8 88	P	04 01 55.4	0.3		
			S	01 18 25.0	-2.6					PMZ		m _b =5.4	1.0	0.18
			LZ		M _S =4.8	20.0	1.75			eS	04 06 09.0	4.6		
HHC	32.7	26	eP	01 13 26.0	-0.3					LZ		M _S =4.8	12.0	1.85
			S	01 18 37.8	-0.6					+P	04 02 06.5	0.7		
			LN		M _S =5.4	14.0	0.69	KMI	24.9 102	pP	04 02 14.5	-2.1		
			LE			12.0	3.88			+iP	04 02 29.8	-1.0		
			LZ		M _S =5.0	11.0	1.52	GYA	27.6 96	PMZ		m _b =5.2	1.2	0.070
BJI	34.2	32	eP	01 13 39.5	0.2					sP	04 02 44.2	-2.6		
			LN		M _S =5.1	9.0	0.78			S	04 07 10.0	3.6		
			LE			12.0	1.08	BTO	28.1 65	P	04 02 36.5	0.9		
CN2	41.8	35	eP	01 14 44.0	1.0					eS	04 07 17.0	0.9		
			PMZ		m _b =4.9	1.0	0.020			LN		M _S =4.7	13.0	0.60
			pP	01 14 49.0	-3.5					LE			13.0	0.70
			eS	01 21 02.0	3.7					eP	04 02 45.0	-1.2		
			LN		M _S =5.3	15.0	1.30	HHC	29.3 65	eP	04 02 52.0	-0.2		
			LE			15.0	2.00	TIY	30.0 71	eP			24.0	0.54
			LZ		M _S =5.5	15.0	5.00			LZ		M _S =4.1	24.0	0.54
								WHN	32.7 84	+P	04 03 16.0	-0.1		
										pP	04 03 28.0	0.5		



				DEC 25d 14h 30m 08.5 ± 0.05s, SD1.84 / 85 23.86 N ± 0.77km, 121.63 E ± 0.76km, h33 ± 0.43km Taiwan M _S 5.8 / 12, M _L 5.4 / 2, m _b 5.3 / 28 (244)													
		PMZ	m _B = 6.4	8.0	14.7	QZH	3.0 292	Pn	14 30 51.0	-2.8							
		pP	14 26 09.6	-0.8				Sn	14 31 27.0	-2.8							
		S	14 29 27.0	4.0				LN			10.0	97.6					
		sS	14 29 33.0	0.5				LZ			10.0	153					
		LE	M _S = 6.3	9.0	48.0	SSE	7.2 357	P	14 31 50.0	-4.5							
		LZ	M _S = 6.4	12.0	106			S	14 33 15.0	-1.0							
HHC	19.0 336	+iP	14 26 18.0	1.7				SMN	M _L = 5.4		1.2	1.55					
		PMZ	m _B = 6.1	8.0	7.10			SME			1.0	1.34					
		PP	14 26 34.5	2.5		GZH	7.6 266	P	14 32 03.6	3.2							
		S	14 29 46.0	2.4				S	14 33 24.0	-2.7							
		sS	14 29 52.0	-1.2				SMN	M _L = 5.5		1.0	1.94					
		LN	M _S = 6.0	10.0	16.7			SME			1.0	1.34					
		LE		10.0	17.6			LN	M _S = 5.5		9.0	17.3					
		LZ	M _S = 6.0	15.0	50.2			LE			8.0	21.1					
BTO	19.4 333	+iP	14 26 22.0	1.2				LZ	M _S = 5.3		12.0	21.7					
		PMZ	m _B = 6.4	7.0	14.0	NJ2	8.5 344	+P	14 32 10.5	-2.1							
		sP	14 26 34.0	4.1				PMZ	m _b = 6.2		0.7	0.54					
		S	14 29 54.0	1.5				S	14 33 44.0	-4.5							
		LN	M _S = 6.6	11.0	99.6			LN	M _S = 5.9		10.0	49.8					
		LE		11.0	74.4			LE			8.0	31.3					
		LZ	M _S = 6.4	11.0	95.6	WHN	9.3 317	eP	14 32 24.0	0.8							
LZH	19.6 313	+iP	14 26 25.0	1.3				S	14 34 07.0	-0.5							
		PMZ	m _b = 5.7	2.0	0.73			SMN			1.0	2.00					
		PMZ	m _B = 6.3	9.0	14.5			LE	M _S = 5.7		8.0	32.2					
		S	14 30 00.0	1.7				LZ	M _S = 5.5		10.0	23.4					
		LN	M _S = 6.4	9.0	36.8	TIA	12.9 343	eP	14 33 14.4	1.8							
		LE		8.0	40.5			LN	M _S = 5.9		8.0	16.9					
		LZ	M _S = 5.6	23.0	31.8			LE			8.0	21.9					
CN2	20.2 8	+P	14 26 30.0	0.1				LZ	M _S = 5.7		9.0	24.9					
		PMZ	m _b = 5.1	1.0	0.080	SNY	18.0 5	eP	14 34 21.0	3.1							
		PMZ	m _B = 5.9	6.0	3.70	LZH	19.6 312	eP	14 34 40.0	2.8							
		pP	14 26 36.0	0.1		CN2	20.1 8	eP	14 34 41.0	-1.8							
		S	14 30 11.0	0.3				pP	14 34 47.0	-4.2							
		LN	M _S = 6.4	12.0	62.0			eS	14 38 21.0	-1.6							
		LE		12.0	25.0			LN	M _S = 5.7		9.0	4.40					
		LZ	M _S = 6.4	12.0	102			LE			9.0	10.3					
MDJ	21.8 16	+P	14 26 45.5	-0.5				LZ	M _S = 5.7		14.0	21.3					
		PMZ	m _b = 5.3	1.4	0.21	WMQ	34.2 314	P	14 36 55.7	2.5							
		PMZ	m _B = 5.9	6.0	3.51			eS	14 42 20.0	3.3							
		sS	14 30 50.0	-1.6		-----											
		LN	M _S = 6.4	13.0	31.4	DEC 25d 15h 30m 24.6 ± 0.04s, SD1.16 / 22 2.44 N ± 0.43km, 128.52 E ± 0.56km, h80 ± 0.37km Djailolo Gilolo (Halmahera) (267) m _b 4.9 / 5,											
		LE		14.0	77.7	CD2	36.7 323	P	15 37 26.4	-0.1							
		LZ	M _S = 5.9	15.0	36.4	TIY	38.1 339	eP	15 37 40.8	3.0							
GTA	24.1 315	+iP	14 27 10.4	1.2		LZH	40.5 329	eP	15 37 57.5	-0.6							
		PMZ	m _B = 6.3	8.0	8.87			PMZ	m _b = 4.9		1.5	0.028					
		sP	14 27 20.0	1.5		GTA	45.1 328	eP	15 38 35.1	-0.4							
		PP	14 27 44.0	1.1				PcP	15 40 15.8	1.4							
		S	14 31 28.0	5.4		WMQ	54.8 325	P	15 39 49.0	-0.2							
		LE	M _S = 6.4	12.0	57.7	-----											
		LZ	M _S = 6.4	12.0	72.3	DEC 25d 17h 13m 11.8 ± 0.05s, SD2.20 / 10 40.91 N ± 0.70km, 88.94 E ± 0.47km, h21 ± 0.38km Southern Xinjiang Province (321) M _L 3.5 / 8,											
LSA	27.8 289	eP	14 27 45.4	1.9		WMQ	3.0 343	Pg	17 14 07.4	1.7							
		SME		12.0	9.73			Sg	17 14 47.6	0.4							
		LN	M _S = 6.3	15.0	50.0			SMN	M _L = 3.5		0.8	0.18					
WMQ	34.2 314	P	14 28 40.0	0.2				SME			0.8	0.15					
		PMZ	m _B = 6.1	8.0	2.35	GTA	8.5 97	P	17 15 19.7	3.2							
		PP	14 30 00.0	6.3				SMN	M _L = 3.4		0.8	0.010					
		S	14 34 08.0	4.1				SME			0.8	0.0090					
		SME		28.0	9.10	-----											
		LE	M _S = 6.6	11.0	50.8												
		LZ	M _S = 6.1	15.0	26.6												
KSH	41.5 303	+iP	14 29 42.0	1.1													
		PMZ	m _B = 6.2	7.0	3.20												
		sP	14 29 54.0	3.6													
		PP	14 31 24.0	4.6													
		S	14 35 58.0	3.5													
		LN	M _S = 6.9	6.0	29.2												
		LE		10.0	43.0												



DEC 25d 20h 21m 25.1 ± 0.03s, SD0.96 / 148
 24.85 S ± 0.57km, 179.81 E ± 0.56km, h497 ± 0.09km
 South of Fiji (171)
 m_b5.2 / 48,

NJ2	81.1	311	+P	20 32	50.5	0.6		
			PMZ		m _b = 4.9		1.2	0.060
WHN	83.4	308	-P	20 33	01.5	0.0		
			PMZ		m _b = 5.0		1.5	0.080
CN2	84.5	324	-P	20 33	06.2	-0.7		
GYA	87.1	301	P	20 33	19.2	-0.1		
BJI	87.6	316	eP	20 33	21.0	-0.5		
			PMZ		m _b = 4.6		1.2	0.016
TIY	88.7	313	eP	20 33	27.0	0.1		
			PMZ		m _b = 5.2		1.0	0.050
KMI	89.6	298	-P	20 33	32.0	1.0		
			pP	20 35	21.0	0.0		
HHC	91.0	315	eP	20 33	36.0	-1.3		
CD2	91.5	303	-P	20 33	40.4	0.9		
			PMZ		m _b = 5.6		1.0	0.080
BTO	91.8	314	eP	20 33	42.0	0.7		
LZH	93.8	308	eP	20 33	50.0	-0.5		
			PMZ		m _b = 5.3		1.5	0.042
			pP	20 35	38.0	-3.0		
			SKS	20 43	35.0	-0.8		
			S	20 44	15.0	1.3		
GTA	98.2	310	eP	20 34	10.0	-0.2		
			SKS	20 43	56.0	-3.0		

DEC 25d 20h 39m 23.2 ± 0.07s, SD2.55 / 8
 41.57 N ± 0.64km, 123.42 E ± 0.56km, h6 ± 0.07km
 North-Eastern China (658)
 M_L3.2 / 8,

SNY	0.3	25	+iPg	20 39	30.1	1.8		
			Sg	20 39	35.8	3.6		
			SMN		M _L = 2.6		0.3	0.66
			SME				0.3	0.63
CN2	2.7	33	Pg	20 40	12.0	1.3		
			Sg	20 40	47.6	0.3		
			SMN		M _L = 3.4		0.8	0.18
			SME				0.8	0.21
DL2	3.0	208	Pg	20 40	16.0	-0.2		
			Sg	20 40	52.8	-4.3		
			SMN		M _L = 3.6		1.0	0.18
			SME				1.0	0.30

DEC 25d 22h 59m 20.7 ± 0.04s, SD1.13 / 97
 0.69 S ± 0.57km, 127.50 E ± 0.84km, h42 ± 0.22km
 Djailolo Gilolo (Halmahera) (267)
 M_S4.6 / 1, m_b5.8 / 1, m_b5.2 / 28

SSE	32.2	350	-P	23 05	47.3	0.1		
			PMZ		m _b = 5.2		1.0	0.037
			eS	23 10	56.0	0.2		
			LZ		M _S = 4.1		24.0	0.50
WHN	33.5	339	-P	23 05	59.4	0.8		
			PMZ		m _b = 5.4		1.2	0.080
			pP	23 06	06.0	-3.5		
NJ2	33.6	347	+P	23 06	00.0	0.7		
			PMZ		m _b = 5.1		1.2	0.040
GYA	33.7	325	P	23 06	00.2	0.1		
			pP	23 06	10.2	-0.7		
KMI	35.1	319	-P	23 06	14.5	1.6		
			PMZ		m _b = 5.3		2.0	0.11
CD2	38.7	326	P	23 06	42.9	0.3		
			PMZ		m _b = 5.3		1.0	0.050
			eS	23 12	36.0	-0.3		
			LZ		M _S = 5.2		8.0	1.59
XAN	38.7	335	P	23 06	42.5	-0.3		
TIY	40.7	342	eP	23 06	58.4	-0.7		

BJI	41.8	347	LZ		M _S = 5.0		10.0	1.02
			eP	23 07	08.5	-0.1		
			PMZ		m _b = 5.1		1.1	0.032
SNY	42.5	356	eP	23 07	12.4	-1.4		
			PMZ		m _b = 5.1		0.9	0.026
LZH	42.7	331	eP	23 07	15.0	-1.0		
			PMZ		m _b = 5.8		2.0	0.30
			pP	23 07	26.5	-0.4		
			LZ		M _S = 4.3		30.0	0.57
HHC	43.8	342	+P	23 07	25.4	0.5		
LSA	46.0	314	eP	23 07	44.8	2.1		
GTA	47.3	331	-iP	23 07	53.0	0.5		
			PMZ		m _b = 5.8		3.5	0.43
			pP	23 07	59.0	-4.5		
			LZ		M _S = 4.6		18.0	0.59
WMQ	56.8	326	P	23 09	03.2	-0.4		
			PMZ		m _b = 5.8		1.0	0.11
			sP	23 09	18.5	-1.0		
			S	23 16	57.0	6.3		

DEC 25d 23h 14m 01.8 ± 0.04s, SD2.04 / 45
 37.89 N ± 0.47km, 101.97 E ± 0.50km, h12 ± 0.13km
 Qinghai Province (325)
 M_L4.4 / 10, m_b4.6 / 13,

GTA	2.3	312	Pn	23 14	43.7	4.0		
			Pg	23 14	45.8	3.9		
			Sg	23 15	15.2	2.2		
			SMN		M _L = 4.4		1.0	2.45
			SME				1.0	2.95
			LN				6.0	1.55
			LE				8.0	2.53
			LZ				8.0	1.42
LZH	2.3	140	Pn	23 14	43.0	2.3		
			Pg	23 14	45.5	2.3		
			Sg	23 15	14.5	-0.8		
			SMN		M _L = 4.4		0.8	2.33
			SME				0.8	2.16
BTO	6.8	64	ePn	23 15	45.4	3.5		
			ePg	23 16	02.4	0.5		
			Sg	23 17	33.5	-1.4		
			SMN		M _L = 4.2		0.8	0.15
			SME				0.8	0.10
XAN	6.8	122	Pn	23 15	47.0	4.9		
TIY	8.3	88	P	23 16	04.7	-0.2		
			S	23 17	35.6	-3.4		
			SMN		M _L = 4.7		0.6	0.20
			SME				0.8	0.15
GYA	12.1	159	P	23 16	55.0	-2.0		
WMQ	12.3	303	P	23 17	01.5	1.3		
			eS	23 19	25.0	6.5		
			LZ				1.0	0.020
WHN	12.6	122	eP	23 17	06.0	2.2		

DEC 26d 00h 20m 36.1 ± 0.05s, SD1.40 / 17
 24.02 N ± 0.77km, 121.44 E ± 0.80km, h28 ± 0.48km
 Taiwan (244)
 M_L3.7 / 10, m_b3.5 / 1,

QZH	2.8	290	ePn	00 21	18.5	-0.4		
			Sn	00 21	51.2	-1.6		
			SMN		M _L = 3.6		0.9	0.33
			SME				0.9	0.19
SSE	7.1	358	eP	00 22	19.0	-1.3		
			eS	00 23	38.5	-1.8		
			SMN		M _L = 3.7		1.1	0.028
			SME				1.0	0.037
NJ2	8.3	345	+P	00 22	38.5	0.5		
			S	00 24	12.5	0.7		
			SMN		M _L = 4.2		1.0	0.055



WMQ	56.7	326	LZ	02 09 18.5	-0.1	3.0	1.80
			PP	02 11 18.5	-6.9		
			S	02 17 10.5	5.0		
KSH	61.7	317	LZ	$M_s=5.1$		20.0	1.47
			P	02 09 53.0	-0.1		
			sP	02 10 07.0	-0.8		
			S	02 18 12.0	2.0		

CN2	25.0	263	PMZ		$m_b=4.6$		
			eP	15 37 19.2	-1.8	1.0	0.027
SNY	27.2	261	eP	15 37 39.8	-2.1		
			LZ	$M_s=5.1$		17.0	4.59
BJI	32.8	265	eP	15 38 30.0	-1.2		
			eS	15 43 44.0	-0.8		
			LE	$M_s=5.0$		16.0	2.01
			LZ	$M_s=5.0$		19.0	2.66

DEC 26d 14h 50m $56.8 \pm 0.07s$, SD1.25 / 189
 $52.81 N \pm 1.20km$, $160.78 E \pm 0.87km$, $h44 \pm 0.21km$
 Off east coast of Kamchatka (219)
 $M_s 5.2 / 3$, $m_b 5.7 / 1$, $m_b 5.0 / 74$

MDJ	22.0	261	eP	14 55 46.5	-2.8		
CN2	25.0	263	eP	14 56 16.0	-1.9		
SSE	35.9	249	P	14 57 55.6	0.2		
			PMZ	$m_b=4.8$		1.0	0.017
			LZ	$M_s=4.6$		16.0	0.89
TIY	36.5	265	eP	14 57 59.0	-1.2		
			LZ	$M_s=4.5$		20.0	0.88
NJ2	36.6	252	-P	14 58 01.2	0.5		
			PMZ	$m_b=5.4$		1.0	0.060
			pP	14 58 08.5	-3.4		
WHN	40.3	255	P	14 58 31.7	-0.1		
XAN	41.1	264	eP	14 58 36.5	-1.7		
LZH	42.8	270	eP	14 58 50.8	-1.5		
			PMZ	$m_b=5.0$		2.0	0.046
			pP	14 59 03.5	0.0		
			sP	14 59 09.0	0.7		
			PP	15 00 30.0	-3.9		
			LE	$M_s=4.9$		10.0	0.56
			LZ	$M_s=4.9$		15.0	1.30
GTA	43.1	277	eP	14 58 54.8	0.1		
			PMZ	$m_b=5.7$		3.5	0.43
			LZ	$M_s=5.0$		14.0	1.47
CD2	46.4	265	eP	14 59 20.0	-1.1		
			PMZ	$m_b=5.0$		1.0	0.020
WMQ	47.5	290	P	14 59 29.5	-0.2		
			PcP	15 01 03.0	4.0		
			sS	15 06 44.0	4.6		
			LZ	$M_s=4.8$		16.0	0.84
GYA	47.8	258	-P	14 59 32.4	-0.5		
QZN	51.7	249	P	15 00 04.2	1.8		
LSA	54.9	274	eP	15 00 26.0	-0.1		

HHC	35.1	270	eP	15 38 55.9	4.6		
SSE	36.0	249	P	15 39 00.3	1.9		
			PMZ	$m_b=5.0$		1.0	0.027
			eS	15 44 36.0	2.2		
			LN	$M_s=5.1$		18.0	1.38
			LE			18.0	1.57
			LZ	$M_s=4.6$		20.0	0.92
BTO	36.2	271	eP	15 39 00.3	-0.2		
TIY	36.5	265	-P	15 39 03.0	-0.2		
			LZ	$M_s=4.8$		20.0	1.75
NJ2	36.6	252	+P	15 39 04.5	0.8		
			PMZ	$m_b=5.4$		1.0	0.070
			LZ	$M_s=4.6$		18.0	0.95
WHN	40.3	255	eP	15 39 35.0	0.2		
			LE	$M_s=5.4$		17.0	3.30
			LZ	$M_s=4.7$		14.0	0.80
XAN	41.1	264	eP	15 39 39.6	-1.7		
LZH	42.8	271	+P	15 39 54.0	-1.4		
			PMZ	$m_b=5.1$		2.0	0.054
			PMZ	$m_b=5.3$		11.0	0.48
			pP	15 40 04.5	-0.7		
			PP	15 41 37.0	-0.2		
			LN	$M_s=5.4$		13.0	1.55
			LE			13.0	1.46
			LZ	$M_s=5.2$		15.0	2.31
GTA	43.1	277	+iP	15 39 57.6	-0.3		
			PMZ	$m_b=5.6$		3.5	0.35
			pP	15 40 03.0	-4.7		
			sP	15 40 08.6	-3.2		
CD2	46.4	265	P	15 40 23.6	-0.5		
			PMZ	$m_b=5.2$		1.2	0.040
WMQ	47.5	290	P	15 40 33.0	0.0		
			PMZ	$m_b=5.0$		1.5	0.030
			pP	15 40 39.5	-3.3		
			S	15 47 21.0	-2.5		
			LZ	$M_s=5.2$		15.0	2.24
GYA	47.9	259	P	15 40 36.8	0.9		
KMI	51.2	261	-P	15 41 02.0	0.5		
			pP	15 41 08.0	-3.1		
			S	15 48 16.0	1.2		
			sS	15 48 30.0	-2.6		
			LN	$M_s=5.1$		9.0	0.40
			LE			9.0	0.50
			LZ	$M_s=5.1$		18.0	1.80
QZN	51.7	249	eP	15 41 05.0	-0.3		
			S	15 48 23.0	0.6		
			LN	$M_s=5.2$		12.0	0.65
			LE			14.0	0.75
LSA	54.9	274	P	15 41 29.6	0.3		

DEC 26d 15h 02m $18.4 \pm 0.07s$, SD1.16 / 118
 $52.73 N \pm 1.16km$, $160.95 E \pm 0.70km$, $h33 \pm 0.18km$
 Off east coast of Kamchatka (219)
 $M_s 5.1 / 3$, $m_b 5.0 / 53$,

CN2	25.0	263	eP	15 07 41.0	-0.4		
NJ2	36.6	253	+P	15 09 25.5	1.5		
WHN	40.4	255	eP	15 09 55.5	0.4		
LZH	42.9	271	eP	15 10 15.0	-0.8		
			sP	15 10 27.0	-2.0		
GTA	43.2	277	eP	15 10 18.2	-0.1		
			pP	15 10 25.2	-2.3		
			LE	$M_s=5.0$		12.0	0.77
			LZ	$M_s=4.9$		12.0	0.90
CD2	46.5	265	P	15 10 44.0	-0.5		
			LZ	$M_s=4.8$		15.0	0.88
WMQ	47.6	290	P	15 10 52.5	-0.9		
LSA	55.0	274	-iP	15 11 50.0	0.4		

GYA	47.9	259	P	15 40 36.8	0.9		
KMI	51.2	261	-P	15 41 02.0	0.5		
			pP	15 41 08.0	-3.1		
			S	15 48 16.0	1.2		
			sS	15 48 30.0	-2.6		
			LN	$M_s=5.1$		9.0	0.40
			LE			9.0	0.50
			LZ	$M_s=5.1$		18.0	1.80
QZN	51.7	249	eP	15 41 05.0	-0.3		
			S	15 48 23.0	0.6		
			LN	$M_s=5.2$		12.0	0.65
			LE			14.0	0.75
LSA	54.9	274	P	15 41 29.6	0.3		

DEC 26d 16h 26m $11.7 \pm 0.05s$, SD1.06 / 70
 $0.26 S \pm 0.74km$, $99.14 E \pm 0.51km$, $h74 \pm 0.40km$
 Southern Sumatera (274)
 $m_b 5.4 / 2$, $m_b 5.2 / 21$,

MDJ	22.0	261	eP	15 36 51.0	-1.2		
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KMI	25.5	8	+P	16 31 37.0	1.6		
			S	16 36 01.0	6.9		
GYA	27.5	15	P	16 31 55.0	1.0		
LSA	30.8	346	+iP	16 32 23.7	0.6		
CD2	31.3	8	eP	16 32 26.5	-1.0		
			PMZ	$m_b=5.2$		0.9	0.040



LZH	43.4	74	eP	04 11 58.0	-0.2		
			PMZ	$m_b = 4.7$		2.0	0.029
CD2	45.1	81	eP	04 12 15.8	3.5		
XAN	48.0	75	eP	04 12 33.5	-1.3		
GYA	49.3	85	P	04 12 46.0	0.6		
			sP	04 12 57.0	3.4		
TIY	49.3	69	eP	04 12 45.0	-0.4		
			LZ	$M_s = 4.7$		14.0	0.60
NJ2	56.4	73	eP	04 13 39.5	1.6		
CN2	56.5	58	eP	04 13 36.8	-1.7		
SSE	58.6	73	P	04 13 53.5	0.1		
			PMZ	$m_b = 4.8$		1.0	0.012

DEC 28d 06h 35m $58.3 \pm 0.02s$, SD0.80 / 239
 63.01 N $\pm 0.18km$, 148.80 W $\pm 0.36km$, h89 $\pm 0.18km$
 Central Alaska (1)
 $M_s 5.7 / 2$, $m_b 5.2 / 81$,

MDJ	47.9	288	+IP	06 44 29.8	-0.1		
			PMZ	$m_b = 5.1$		1.0	0.027
CN2	50.3	290	+IP	06 44 48.6	-0.1		
SNY	52.7	290	-IP	06 45 06.6	-0.2		
			PMZ	$m_b = 5.6$		0.6	0.042
DL2	56.0	290	+P	06 45 30.9	0.4		
			PMZ	$m_b = 5.9$		0.8	0.13
BJI	57.3	295	eP	06 45 40.0	-0.1		
			PMZ	$m_b = 4.7$		1.0	0.010
TIY	60.9	296	+P	06 46 04.1	-0.3		
SSE	62.8	285	P	06 46 16.6	-0.7		
			PMZ	$m_b = 4.8$		1.0	0.012
NJ2	63.0	288	-P	06 46 18.0	-0.6		
			PMZ	$m_b = 5.5$		1.0	0.070
GTA	64.3	307	-iP	06 46 27.0	-0.3		
			PMZ	$m_b = 5.1$		0.8	0.020
WMQ	64.4	318	P	06 46 30.0	1.9		
			S	06 55 01.8	4.6		
XAN	65.5	297	P	06 46 33.5	-1.3		
			LN	$M_s = 5.8$		13.0	1.90
			LE			12.0	1.82
LZH	65.7	302	-P	06 46 35.2	-1.2		
			PMZ	$m_b = 5.2$		1.5	0.051
			pP	06 46 56.0	-2.3		
WHN	66.2	291	P	06 46 39.0	-0.6		
CD2	70.3	299	P	06 47 04.4	-0.4		
GYA	73.0	295	P	06 47 21.0	-0.2		

DEC 28d 07h 40m $09.0 \pm 0.06s$, SD1.06 / 158
 52.63 N $\pm 1.08km$, 160.94 E $\pm 0.61km$, h24 $\pm 0.13km$
 Off east coast of Kamchatka (219)
 $M_s 5.3 / 27$, $m_b 5.5 / 4$, $m_b 4.9 / 58$

MDJ	22.1	261	eP	07 45 03.6	-0.7		
			PMZ	$m_b = 4.6$		1.0	0.027
			eS	07 49 00.0	-1.7		
			sS	07 49 11.0	-2.7		
			SS	07 49 40.0	-0.2		
			LN	$M_s = 5.4$		12.0	1.81
			LE			13.0	5.99
			LZ	$M_s = 5.3$		20.0	11.2
CN2	25.0	264	+P	07 45 33.0	-0.1		
			PMZ	$m_b = 4.4$		1.0	0.010
			pP	07 45 40.0	-0.6		
			eS	07 49 53.0	-0.4		
			sS	07 50 06.0	0.4		
			LN	$M_s = 5.2$		11.0	1.20
			LE			11.0	2.60
			LZ	$M_s = 4.4$		13.0	0.80
SNY	27.3	262	eP	07 45 53.8	-0.2		
			PMZ	$m_b = 4.6$		1.2	0.018
			eS	07 50 31.0	0.6		

			sS	07 50 45.0	1.9		
			LN	$M_s = 5.2$		15.0	2.42
			LE			13.0	2.65
			LZ	$M_s = 5.3$		17.0	6.65
BJI	32.8	266	eP	07 46 42.0	-1.4		
			LN	$M_s = 5.4$		12.0	2.50
			LE			13.0	2.10
			LZ	$M_s = 5.3$		16.0	4.60
TIA	34.7	259	eP	07 46 57.0	-2.7		
			sS	07 52 40.0	-0.4		
			LN	$M_s = 5.3$		15.0	1.46
			LE			18.0	3.16
			LZ	$M_s = 4.9$		22.0	2.42
SSE	36.0	249	eP	07 47 10.0	-0.3		
			sP	07 47 22.0	0.6		
			eS	07 52 50.0	3.1		
			sS	07 52 59.0	-0.7		
			LN	$M_s = 5.1$		16.0	1.49
			LE			16.0	1.03
			LZ	$M_s = 4.6$		20.0	0.93
TIY	36.6	266	-P	07 47 15.0	-0.5		
			S	07 52 50.0	-5.3		
			sS	07 53 06.0	-3.0		
			LN	$M_s = 5.3$		13.0	2.16
			LE			13.0	1.22
			LZ	$M_s = 5.0$		19.0	2.60
NJ2	36.6	253	eP	07 47 16.0	0.4		
			LN	$M_s = 5.3$		16.0	1.43
			LE			14.0	2.32
			LZ	$M_s = 4.8$		18.0	1.49
WHN	40.3	256	-P	07 47 48.2	1.4		
			pP	07 47 52.5	-2.1		
			LE	$M_s = 5.3$		15.0	2.50
			LZ	$M_s = 4.8$		20.0	1.30
QZH	42.1	246	eP	07 48 00.0	-1.7		
			LZ	$M_s = 5.0$		12.0	1.21
LZH	42.9	271	eP	07 48 07.0	-0.7		
			PMZ	$m_b = 4.9$		2.0	0.036
			PMZ	$m_b = 5.2$		12.0	0.42
			pP	07 48 14.0	-1.4		
			sP	07 48 20.0	1.3		
			PP	07 49 49.0	-0.4		
			S	07 54 30.0	0.4		
			LN	$M_s = 5.4$		14.0	2.56
			LZ	$M_s = 5.4$		16.0	4.08
GTA	43.2	277	P	07 48 10.5	0.2		
			PMZ	$m_b = 5.7$		3.5	0.48
			pP	07 48 15.0	-3.0		
			sP	07 48 18.0	-3.3		
			eS	07 54 30.0	-5.5		
			ScS	07 58 10.8	5.0		
			LE	$M_s = 5.6$		14.0	3.95
			LZ	$M_s = 5.5$		15.0	4.67
CD2	46.4	265	P	07 48 37.4	1.0		
			LZ	$M_s = 5.3$		14.0	2.60
WMQ	47.6	290	P	07 48 45.0	-0.6		
GYA	47.9	259	P	07 48 48.6	0.6		
			pP	07 48 56.4	0.8		
			S	07 55 46.6	4.5		
			sS	07 55 59.0	2.8		
KMI	51.2	261	-P	07 49 15.0	1.4		
			PMZ	$m_b = 5.9$		4.0	0.60
			pP	07 49 22.5	1.4		
			sP	07 49 27.5	3.0		
			PcP	07 50 28.5	0.6		
			eS	07 56 30.0	0.1		
			LN	$M_s = 5.4$		16.0	1.10
			LE			16.0	1.50



<p>QZN 51.8 250 LZ $M_s=5.3$ 20.0 2.70 eP 07 49 17.0 -0.3 eS 07 56 36.0 -0.7 LN $M_s=5.3$ 16.0 1.04 LE 15.0 1.10</p>					<p>DEC 28d 17h 47m $59.9 \pm 0.04s$, SD1.19 / 53 $3.50 N \pm 0.74km$, $128.64 E \pm 1.06km$, $h37 \pm 0.10km$ North of Djailolo Gilolo (Halmahera) (264) $M_g 4.7 / 1$, $m_b 5.0 / 12$, QZN 24.0 311 eP 17 53 13.6 1.2 eS 17 57 27.0 3.0 LN $M_g=4.7$ 12.0 1.00</p>				
<p>DEC 28d 08h 25m $07.6 \pm 0.03s$, SD1.08 / 62 $5.67 S \pm 0.54km$, $151.93 E \pm 0.83km$, $h43 \pm 0.18km$ New Britain region (192) $m_b 5.1 / 14$, WHN 50.9 317 eP 08 34 07.5 0.6 GYA 54.2 308 P 08 34 32.6 0.5 CN2 54.7 337 eP 08 34 36.0 0.4 BJI 56.1 327 eP 08 34 45.0 -0.7 XAN 56.7 317 P 08 34 47.9 -1.6 CD2 58.6 311 P 08 35 03.6 0.1 HHC 59.2 325 eP 08 35 07.0 -0.7 LZH 61.3 317 P 08 35 21.6 0.1 PMZ $m_b=5.0$ 1.5 0.028 GTA 65.7 318 P 08 35 50.0 -0.7 WMQ 75.8 318 P 08 36 53.0 1.4</p>					<p>WHN 30.1 335 eP 17 54 10.5 2.0 pP 17 54 17.5 -0.8 GYA 31.1 319 P 17 54 17.0 -0.2 CD2 36.0 322 P 17 54 59.4 -0.2 TIY 37.1 338 eP 17 55 09.0 -0.5 BJI 38.1 344 eP 17 55 16.5 -0.7 PMZ $m_b=4.8$ 1.0 0.018 LZH 39.7 328 +P 17 55 31.5 0.7 PMZ $m_b=5.3$ 2.0 0.11 pP 17 55 39.0 -1.6 sP 17 55 43.0 -1.9 LZ $M_g=4.5$ 16.0 0.53 MDJ 41.0 1 eP 17 55 41.3 0.2 LSA 44.0 310 eP 17 56 07.8 1.1 GTA 44.3 328 +P 17 56 08.6 0.1 pP 17 56 17.1 -1.3 WMQ 54.0 324 P 17 57 23.5 0.2</p>				
<p>DEC 28d 11h 16m $39.0 \pm 0.03s$, SD1.29 / 110 $48.72 N \pm 0.57km$, $128.35 W \pm 0.54km$, $h10 \pm 0.17km$ Vancouver Island region (25) $m_b 5.1 / 17$, CN2 67.5 311 eP 11 27 41.0 3.0 eS 11 36 34.0 0.9 LZ 2.0 1.20 TIY 78.5 315 eP 11 28 46.0 3.3 S 11 38 38.0 1.7 LZ $M_s=5.0$ 20.0 0.75 GTA 82.4 324 eP 11 29 00.0 -4.0 WHN 83.3 309 eP 11 29 10.0 1.8 LZH 83.7 320 eP 11 29 13.3 3.0 PMZ $m_b=5.0$ 1.2 0.016 LZ $M_s=5.1$ 18.0 0.78 GYA 90.5 313 P 11 29 47.4 4.0</p>					<p>DEC 28d 20h 45m $18.7 \pm 0.06s$, SD1.34 / 63 $0.81 S \pm 0.82km$, $127.72 E \pm 1.38km$, $h32 \pm 0.07km$ Djailolo Gilolo (Halmahera) (267) $M_s 5.5 / 1$, $m_b 5.1 / 13$, WHN 33.7 339 eP 20 52 00.7 1.5 pP 20 52 05.5 -2.8 NJ2 33.7 346 eP 20 52 00.0 0.2 KMI 35.4 319 -P 20 52 13.5 -0.4 PMZ $m_b=5.1$ 1.6 0.060 pP 20 52 24.0 1.2 S 20 57 50.0 5.5 XAN 38.9 335 P 20 52 43.0 -0.5 CD2 38.9 326 -iP 20 52 43.9 0.4 TIY 40.9 341 +P 20 52 59.8 0.1 S 20 59 10.0 2.1 BJI 42.0 347 eP 20 53 08.0 -1.0 SNY 42.6 355 eP 20 53 17.2 3.2 LZH 42.9 331 +P 20 53 17.2 0.5 PMZ $m_b=5.3$ 1.5 0.073 pP 20 53 27.5 1.7 LZ $M_s=4.4$ 30.0 0.74 HHC 44.0 342 eP 20 53 25.2 -0.2 MDJ 45.3 2 eP 20 53 39.0 3.6 LSA 46.2 314 eP 20 53 45.0 1.3 GTA 47.5 331 +P 20 53 53.4 0.2 PMZ $m_b=4.8$ 0.8 0.010 WMQ 57.0 326 P 20 55 03.7 -0.6</p>				
<p>DEC 28d 13h 03m $44.5 \pm 0.05s$, SD2.14 / 50 $29.90 N \pm 0.65km$, $99.05 E \pm 0.51km$, $h11 \pm 0.11km$ Tibet (306) $M_s 4.1 / 5$, $M_L 3.8 / 5$, $m_b 4.7 / 15$ CD2 4.2 75 Pn 13 04 49.4 0.6 Pg 13 04 58.0 -0.5 Sg 13 05 52.0 -3.8 SMN $M_L=3.9$ 1.2 0.13 SME 1.4 0.37 KMI 5.8 144 Pn 13 05 14.0 3.5 PMZ $m_b=4.3$ 2.0 0.070 Sn 13 06 22.5 3.9 SMN $M_L=3.8$ 1.5 0.10 SME 1.5 0.070 LE $M_s=3.9$ 9.0 1.20 LZH 7.4 32 ePn 13 05 35.0 2.4 Pg 13 06 01.5 7.0 PMZ $m_b=4.3$ 1.0 0.020 LE $M_s=4.1$ 7.0 0.96 LZ $M_s=3.6$ 15.0 0.58 GYA 7.5 115 Pn 13 05 37.8 2.9 Sn 13 07 07.0 4.3 LN $M_s=4.3$ 8.0 1.20 LE 8.0 1.00 WHN 13.2 83 eP 13 06 55.0 -0.5 TIA 16.4 63 eP 13 07 38.0 1.4 WMQ 16.6 330 P 13 07 40.5 1.7 BJI 17.3 50 eP 13 07 50.0 2.4</p>					<p>DEC 28d 22h 11m $10.9 \pm 0.07s$, SD2.33 / 10 $40.67 N \pm 0.67km$, $122.65 E \pm 0.45km$, $h10 \pm 0.10km$ North-Eastern China (658) $M_L 3.4 / 10$, SNY 1.4 31 iPg 22 11 33.9 -1.0 Sg 22 11 51.6 -1.9 SMN $M_L=3.3$ 0.4 0.54 SME 0.4 0.39 DL2 1.9 204 Pg 22 11 45.2 0.3 Sg 22 12 10.7 -0.5 SMN $M_L=3.3$ 0.5 0.20 SME 0.5 0.30 CN2 3.8 33 Pg 22 12 16.9 -0.4 Sg 22 13 06.4 -2.3 SMN $M_L=3.4$ 0.6 0.080</p>				

MDJ	6.5	50	SME			0.6	0.10			pP	22 42 46.0	-0.4					
			Pg	22 13 09.5	4.4					sP	22 42 51.0	1.7					
			Sg	22 14 33.0	-0.4					IS	22 51 06.0	2.7					
			SMN	$M_L=4.1$		0.8	0.18			eSS	22 55 06.0	-0.1					
			SME			0.9	0.067			LN	$M_B=6.1$		21.0	8.50			
DEC 28d 22h 32m 16.8±0.04s, SD1.10 / 417										XAN	63.0	39	P	22 42 44.4	-1.5		
14.76 S±1.31km, 66.76 E±0.83km, h15±0.12km													PMZ	$m_B=6.2$		6.0	1.72
Mid-Indian Rise (429)													LN	$M_S=6.0$		20.0	2.80
$M_S6.0/48, m_B6.2/32, m_B5.9/93$													LE			16.0	5.40
LSA	50.1	28	eP	22 41 15.4	1.3					QZH	64.1	52	+P	22 42 52.0	-1.3		
			LN	$M_S=5.8$		16.0	5.78						sP	22 43 00.0	-2.7		
			LZ	$M_S=6.2$		20.0	23.1						S	22 51 28.0	0.9		
KMI	52.9	42	eP	22 41 35.5	-0.1								LN	$M_B=6.1$		17.0	6.25
			PMZ	$m_B=6.1$		5.0	1.50						LE			17.0	3.18
			pP	22 41 41.0	-0.7								LZ	$M_S=6.0$		18.0	8.48
			PP	22 43 36.0	0.3					WHN	64.2	45	eP	22 42 53.5	-0.5		
			eS	22 49 03.0	-0.3								PMZ	$m_B=5.7$		1.2	0.13
			sS	22 49 10.0	-3.6								PMZ	$m_B=6.2$		5.0	1.50
			LN	$M_S=5.9$		20.0	3.10						pP	22 42 56.0	-4.5		
			LE			20.0	6.90						S	22 51 33.0	4.6		
			LZ	$M_S=5.8$		20.0	9.30						LE	$M_S=6.0$		19.0	6.20
QZN	54.1	53	eP	22 41 44.6	0.8								LZ	$M_S=5.7$		20.0	5.00
			PP	22 43 46.0	0.0					TIY	67.5	38	+P	22 43 14.9	-0.5		
			S	22 49 21.5	4.2								PMZ	$m_B=5.7$		1.2	0.11
			LN	$M_S=6.1$		16.5	4.21						PMZ	$m_B=6.2$		6.5	1.77
			LE			19.0	8.35						S	22 52 13.5	4.6		
KSH	54.7	9	+iP	22 41 48.0	-0.1								LN	$M_S=6.1$		17.0	4.98
			pP	22 41 53.0	-1.4								LE			17.0	4.13
			S	22 49 28.0	3.1								LZ	$M_S=5.8$		16.0	5.24
			LE	$M_S=5.8$		6.0	1.80			BTO	68.1	34	P	22 43 19.0	-0.1		
GYA	56.4	44	+iP	22 42 00.0	-0.8								sP	22 43 26.0	-2.4		
			PMZ	$m_B=5.6$		1.4	0.13						PP	22 45 54.0	3.6		
			PMZ	$m_B=6.2$		5.0	1.70						S	22 52 17.0	1.0		
			pP	22 42 07.0	-0.1								LN	$M_S=6.1$		19.0	3.60
			PP	22 44 06.0	-1.0								LE			19.0	5.70
			S	22 49 54.0	5.6					NJ2	68.2	46	-P	22 43 19.8	0.3		
			LN	$M_S=6.0$		18.0	5.10						PMZ	$m_B=5.4$		1.2	0.060
			LE			18.0	5.30						PMZ	$m_B=6.2$		5.0	1.42
			LZ	$M_S=5.5$		20.0	4.30						pP	22 43 26.5	0.5		
CD2	57.7	38	P	22 42 08.8	-0.9								S	22 52 22.0	5.0		
			PMZ	$m_B=6.3$		6.0	2.54						LN	$M_S=5.8$		15.0	0.81
			S	22 50 10.0	5.1								LE			17.0	2.88
			LZ	$M_S=6.0$		18.0	11.1						LZ	$M_S=5.4$		28.0	3.55
GZH	59.1	51	-P	22 42 20.2	0.7					HHC	69.2	35	P	22 43 26.0	0.5		
			PMZ	$m_B=6.5$		3.5	2.30						PMZ	$m_B=6.6$		1.4	1.09
			pP	22 42 27.0	1.0								S	22 52 31.0	2.9		
			LN	$M_S=5.9$		18.0	3.20						LN	$M_S=5.6$		10.0	0.67
			LE			16.0	3.60						LE			10.0	1.00
			LZ	$M_S=5.8$		22.0	7.30						LZ	$M_S=5.7$		28.0	6.20
WMQ	61.3	17	P	22 42 34.5	-0.6					SSE	69.3	48	-P	22 43 26.0	-0.5		
			PMZ			3.0	2.84						PMZ	$m_B=5.3$		1.0	0.037
			S	22 50 55.0	2.6								PMZ	$m_B=6.4$		4.0	1.68
			SMN			12.0	2.87						pP	22 43 33.0	0.1		
			LZ	$M_S=5.7$		16.0	4.78						sP	22 43 38.0	2.1		
LZH	61.5	34	-P	22 42 35.0	-1.4								S	22 52 32.0	1.6		
			PMZ	$m_B=5.7$		2.5	0.25						SS	22 57 00.0	1.0		
			PMZ	$m_B=6.1$		5.0	1.35						LN	$M_S=6.1$		18.0	5.55
			pP	22 42 42.0	-0.6								LE			18.0	3.58
			sP	22 42 49.0	3.5								LZ	$M_S=5.7$		20.0	5.10
			PcP	22 43 21.0	4.2								LZ			20.0	5.10
			PP	22 44 53.0	-0.1					TIA	69.5	42	-P	22 43 27.4	-0.1		
			S	22 50 57.0	2.3								S	22 52 38.0	5.8		
			SS	22 54 57.0	-0.2								LN	$M_S=6.2$		20.0	6.58
			LE	$M_S=5.9$		19.0	5.16						LE			18.0	4.80
			LZ	$M_S=5.7$		25.0	6.64						LZ	$M_S=5.9$		22.0	8.74
GTA	62.1	29	-P	22 42 38.8	-1.3					BJI	71.3	38	P	22 43 38.5	0.2		
			PMZ	$m_B=6.2$		5.0	1.47						PMZ	$m_B=5.5$		2.0	0.12
													PMZ	$m_B=6.1$		6.0	1.37



Northern China (323)					Nicobar Islands region (704)				
DEC 29d 10h 45m 02.6 ± 0.06s, SD2.01 / 15 40.07 N ± 0.58km, 106.34 E ± 0.43km, h26 ± 0.23km Northern China (323) M _L 3.9 / 13,					DEC 29d 13h 23m 53.8 ± 0.04s, SD1.29 / 301 8.25 N ± 0.86km, 94.01 E ± 0.73km, h18 ± 0.13km Nicobar Islands region (704) M _S 6.3 / 56, m _B 6.0 / 36, m _b 5.5 / 88				
BTO	2.9	78	ePg	10 45 53.1 -0.4	QZN	18.7	53	-iP	13 28 15.0 0.9
			Sg	10 46 28.3 -4.3				PMZ	m _B = 6.2 5.5 5.88
			SMN	M _L = 3.6 0.4 0.31				S	13 31 41.0 2.2
			SME	0.4 0.19				sS	13 31 50.0 1.3
HHC	4.1	77	Pg	10 46 13.6 -1.1				LN	M _S = 6.3 9.0 45.1
			Sg	10 47 04.1 -6.0				LE	10.0 34.5
			SMN	M _L = 4.2 0.4 0.35	KMI	18.8	25	-iP	13 28 17.0 2.3
			SME	0.4 0.55				PMZ	3.0 2.00
LZH	4.4	207	Pg	10 46 22.0 0.7				PMZ	m _B = 6.4 4.0 7.40
			Sn	10 46 58.5 -2.9				sP	13 28 27.5 3.6
			SMN	M _L = 3.9 1.3 0.20				LN	M _S = 6.2 10.0 10.2
			SME	1.5 0.16				LE	10.0 37.2
TIY	5.3	114	Pg	10 46 34.0 -2.6				LZ	M _S = 5.7 16.0 30.0
			SMN	M _L = 3.8 0.7 0.12	LSA	21.5	353	P	13 28 44.0 -0.7
			SME	0.6 0.080				S	13 32 38.0 1.6
XAN	6.4	160	Pg	10 46 56.0 0.8				LE	M _S = 5.5 15.0 10.3
			SMN	M _L = 3.7 0.8 0.050				LZ	M _S = 5.8 30.0 54.8
			SME	0.8 0.040	GYA	21.7	32	-P	13 28 47.4 0.8
DEC 29d 10h 45m 02.6 ± 0.06s, SD2.01 / 15 40.07 N ± 0.58km, 106.34 E ± 0.43km, h26 ± 0.23km Northern China (323) M _L 3.9 / 13,					DEC 29d 13h 23m 53.8 ± 0.04s, SD1.29 / 301 8.25 N ± 0.86km, 94.01 E ± 0.73km, h18 ± 0.13km Nicobar Islands region (704) M _S 6.3 / 56, m _B 6.0 / 36, m _b 5.5 / 88				
								PMZ	m _B = 5.9 6.0 3.00
								sP	13 28 59.0 2.7
								PP	13 29 17.0 6.3
								S	13 32 46.4 5.8
								LN	M _S = 6.3 11.0 33.8
								LE	11.0 34.6
								LZ	M _S = 6.0 12.0 34.0
					GZH	23.7	49	+P	13 29 07.5 1.6
								PMZ	m _B = 6.1 5.0 4.14
								pP	13 29 16.0 3.5
								LN	M _S = 6.4 14.0 62.0
								LE	15.0 45.7
								LZ	M _S = 6.1 16.0 53.9
					QZH	28.7	52	P	13 29 52.5 -0.2
								PMZ	m _B = 5.7 6.0 0.90
								S	13 34 44.0 4.9
								LN	M _S = 6.4 12.0 33.0
								LE	12.0 27.5
								LZ	M _S = 6.4 14.0 64.2



				Iran-Iraq border region				(345) International Seismological Centre							
				$m_b 5.1 / 64,$											
			S	13 36	20.0	-0.8		WMQ	32.9	59	eP	15 40	47.8	0.6	
			SS	13 38	38.0	0.4					eS	15 46	05.0	5.3	
			ScS	13 41	05.0	-1.1		LSA	36.9	83	eP	15 41	25.0	3.0	
			LN		$M_s = 6.4$	10.0	18.3	GTA	42.1	66	eP	15 42	05.0	1.0	
			LE			11.0	22.8				PMZ		$m_b = 4.6$	1.1 0.010	
			LZ		$M_s = 5.9$	11.0	13.0	LZH	45.8	69	+P	15 42	34.5	0.4	
WMQ	35.9	352	P	13 30	54.7	-0.4					PMZ		$m_b = 5.2$	1.5 0.051	
			sP	13 31	03.0	-1.9					PP	15 44	20.0	-1.2	
			S	13 36	32.0	1.5					LZ		$M_s = 4.4$	22.0 0.51	
			SME			5.0	3.21	BTO	49.6	62	eP	15 43	04.4	0.6	
			LN		$M_s = 5.9$	15.0	10.5	XAN	50.3	71	P	15 43	09.0	-0.4	
			LZ		$M_s = 5.7$	16.0	10.1	GYA	51.0	81	P	15 43	13.2	-1.0	
HHC	36.0	23	+P	13 30	56.5	-0.1		TIY	52.1	65	eP	15 43	22.0	-0.6	
			pP	13 31	07.0	3.8		BJI	54.3	61	eP	15 43	38.5	-0.4	
			sP	13 31	11.0	4.7		WHN	55.8	73	eP	15 43	47.5	-2.3	
			PP	13 32	24.5	6.7		TIA	56.1	66	eP	15 43	51.0	-1.1	
			S	13 36	37.0	3.9		DL2	58.7	61	eP	15 44	09.5	-0.6	
			SS	13 38	56.0	0.1		NJ2	58.9	70	+P	15 44	11.4	0.0	
			LN		$M_s = 6.2$	14.0	10.3	CN2	59.9	55	eP	15 44	18.0	-0.5	
			LE			11.0	15.6								
			LZ		$M_s = 6.1$	18.0	30.2								
BJI	37.3	29	eP	13 31	08.0	0.5									
			PMZ		$m_b = 5.4$	1.5	0.10								
			PMZ		$m_b = 6.0$	5.0	1.39								
			ePP	13 32	38.0	3.3									
			S	13 36	55.0	1.7									
			eSS	13 39	28.0	3.0									
			LN		$M_s = 6.1$	12.0	14.3								
			LZ		$M_s = 6.0$	22.0	24.6								
DL2	39.3	35	-iP	13 31	25.0	0.8									
			PMZ		$m_b = 6.3$	1.4	0.66								
			PMZ		$m_b = 6.0$	5.0	1.45								
			S	13 37	29.0	5.4									
			LN		$M_s = 6.3$	10.0	3.98								
			LE			12.0	18.1								
			LZ		$M_s = 6.0$	12.0	12.9								
SNY	42.4	33	-iP	13 31	49.5	-0.2									
			PMZ		$m_b = 6.0$	1.4	0.34								
			PMZ		$m_b = 6.1$	5.0	1.64								
			pP	13 31	54.2	-2.3									
			S	13 38	06.0	-3.5									
			SMN			13.0	3.39								
			SME			15.0	6.50								
			SS	13 41	18.0	4.8									
			LN		$M_s = 6.4$	13.0	11.8								
			LE			13.0	19.3								
			LZ		$M_s = 6.1$	16.0	18.6								
CN2	44.8	32	+P	13 32	09.0	0.2									
			PMZ		$m_b = 5.3$	1.0	0.050								
			PMZ		$m_b = 6.0$	5.0	1.20								
			sP	13 32	19.0	0.2									
			PcP	13 33	50.0	-0.4									
			S	13 38	45.0	1.3									
			ScS	13 41	59.0	-3.2									
			LN		$M_s = 6.3$	12.0	13.5								
			LE			12.0	4.30								
			LZ		$M_s = 6.3$	17.0	31.0								
MDJ	47.6	34	eP	13 32	31.0	0.1									
			PMZ		$m_b = 5.9$	1.5	0.30								
			PMZ		$m_b = 6.2$	5.0	1.61								
			sP	13 32	40.5	-0.3									
			S	13 39	30.0	6.5									
			LN		$M_s = 6.4$	12.0	9.33								
			LE			12.0	13.8								
			LZ		$M_s = 6.5$	20.0	51.3								
				DEC 29d 15h 34m $15.7 \pm 0.06s$, SD0.99 / 261											
				$32.63 N \pm 0.86km$, $47.89 E \pm 0.40km$, $h57 \pm 0.28km$											
								Iran-Iraq border region							
								$m_b 5.1 / 64,$							
								WMQ				32.9 59 eP 15 40 47.8 0.6			
												eS 15 46 05.0 5.3			
								LSA				36.9 83 eP 15 41 25.0 3.0			
								GTA				42.1 66 eP 15 42 05.0 1.0			
												PMZ $m_b = 4.6$ 1.1 0.010			
								LZH				45.8 69 +P 15 42 34.5 0.4			
												PMZ $m_b = 5.2$ 1.5 0.051			
												PP 15 44 20.0 -1.2			
												LZ $M_s = 4.4$ 22.0 0.51			
								BTO				49.6 62 eP 15 43 04.4 0.6			
								XAN				50.3 71 P 15 43 09.0 -0.4			
								GYA				51.0 81 P 15 43 13.2 -1.0			
								TIY				52.1 65 eP 15 43 22.0 -0.6			
								BJI				54.3 61 eP 15 43 38.5 -0.4			
								WHN				55.8 73 eP 15 43 47.5 -2.3			
								TIA				56.1 66 eP 15 43 51.0 -1.1			
								DL2				58.7 61 eP 15 44 09.5 -0.6			
								NJ2				58.9 70 +P 15 44 11.4 0.0			
								CN2				59.9 55 eP 15 44 18.0 -0.5			
												DEC 29d 16h 25m $32.3 \pm 0.06s$, SD1.21 / 19			
												$17.91 S \pm 1.44km$, $175.49 W \pm 1.22km$, $h249 \pm 1.12km$			
												Tonga (173)			
												$m_b 5.0 / 6,$			
								CN2				81.7 321 eP 16 37 26.0 0.7			
								TIY				87.3 311 eP 16 37 54.4 1.2			
												DEC 29d 16h 43m $09.3 \pm 0.04s$, SD1.46 / 99			
												$23.99 N \pm 0.79km$, $121.72 E \pm 0.59km$, $h12 \pm 0.26km$			
												Taiwan (244)			
												$M_s 4.7 / 28$, $M_L 4.9 / 10$, $m_b 5.1 / 2,$			
								QZH				3.0 289 Pn 16 43 57.5 0.4			
												Sn 16 44 36.0 1.0			
												SMN $M_L = 4.6$ 1.2 3.27			
												SME 1.2 1.79			
												LN $M_s = 4.6$ 7.0 5.00			
												LE 7.0 7.23			
												LZ $M_s = 4.6$ 10.0 9.78			
								SSE				7.1 356 P 16 44 54.0 -1.7			
												pP 16 44 59.0 -1.6			
												S 16 46 15.0 -1.9			
												SMN $M_L = 4.7$ 1.0 0.26			
												SME 1.0 0.36			
												LN $M_s = 4.3$ 10.0 1.13			
												LE 7.0 1.53			
												LZ $M_s = 4.1$ 12.0 1.81			
								GZH				7.7 265 +P 16 45 03.9 -0.8			
												SMN $M_L = 5.0$ 1.0 0.66			
												SME 1.0 0.26			
												LN $M_s = 4.4$ 8.0 1.50			
												LE 9.0 1.20			
								NJ2				8.4 343 +iP 16 45 13.0 -1.3			
												PMZ $m_b = 5.3$ 0.8 0.11			
												pP 16 45 18.0 -1.3			
												S 16 46 46.0 -4.0			
												SMN $M_L = 5.3$ 1.0 0.70			
												SME 1.0 0.57			
												LN $M_s = 4.6$ 9.0 1.84			
												LE 9.0 2.35			
								WHN				9.3 316 P 16 45 24.0 -1.7			
												PMZ $m_b = 4.8$ 1.0 0.040			
												sP 16 45 29.0 -4.7			
												S 16 47 08.0 -2.6			
												SMN 1.0 0.50			
												SME 1.2 0.40			
												LN $M_s = 4.6$ 9.0 2.10			

			LE		9.0	2.00	CN2	42.4	285	eP	19 02	23.3	-0.9		
			LZ	$M_s=4.3$	10.0	1.50	SNY	44.7	284	eP	19 02	42.4	-0.2		
QZN	12.1	248	eP	16 46 09.8	5.0		BJI	50.2	287	eP	19 03	26.0	0.3		
			LN	$M_s=4.3$	9.0	0.80	TIY	53.9	287	eP	19 03	54.2	0.5		
TIA	12.8	343	eP	16 46 14.5	0.1		WHN	57.7	279	eP	19 04	21.0	0.3		
			LN	$M_s=4.6$	10.0	1.40	GTA	60.0	297	+P	19 04	35.4	-1.4		
			LE		10.0	0.90	GYA	65.3	282	P	19 05	12.4	0.3		
			LZ	$M_s=4.5$	11.0	1.88									
GYA	13.9	283	P	16 46 27.0	-1.2		DEC 29d 19h 24m $12.0 \pm 0.06s$, SD1.72 / 77								
			pP	16 46 32.0	-0.7		26.56 N $\pm 0.82km$, 92.56 E $\pm 0.56km$, h33 $\pm 0.01km$								
			SMN			1.8	Eastern India (317)								
			SME			1.8	$M_s 4.1 / 3$, $M_L 4.5 / 2$, $m_b 4.8 / 11$								
			LN	$M_s=4.9$	9.0	0.90	LSA	3.4	339	Pn	19 25	07.8	4.6		
			LE		9.0	2.80				Pg	19 25	16.4	4.8		
			LZ	$M_s=4.6$	10.0	2.20				Sg	19 25	57.4	-0.4		
XAN	15.0	315	eP	16 46 43.3	0.0					SMN			4.0	2.83	
			LN	$M_s=4.8$	8.0	1.90	KMI	9.3	96	eP	19 26	27.0	0.1		
			LE		11.0	1.40				pP	19 26	31.0	-2.4		
TIY	15.8	332	eP	16 46 54.0	0.1		GYA	12.6	87	P	19 27	12.2	-0.2		
			LN	$M_s=4.8$	10.0	1.72	LZH	13.5	43	eP	19 27	23.5	-0.8		
			LE		10.0	1.08				PMZ		$m_b=4.8$	1.5	0.025	
			LZ	$M_s=4.7$	10.0	2.03				pP	19 27	30.5	-0.6		
BJI	16.7	345	eP	16 47 08.0	3.3					sP	19 27	35.5	-0.5		
			LN	$M_s=4.3$	8.0	0.56				LE		$M_s=4.1$	9.0	0.42	
			LZ	$M_s=4.2$	10.0	0.64				LZ		$M_s=4.2$	12.0	0.99	
KMI	17.3	278	eP	16 47 16.5	3.7		GTA	14.2	24	P	19 27	30.2	-2.6		
SNY	17.9	5	eP	16 47 22.6	3.1					pP	19 27	38.7	-1.1		
			S	16 50 40.0	4.2		XAN	16.0	58	P	19 27	54.3	-1.7		
			LE	$M_s=4.4$	12.0	0.86	QZN	17.6	112	+P	19 28	20.5	4.0		
			LZ	$M_s=4.4$	13.0	1.19	WMQ	17.7	348	P	19 28	20.0	2.7		
HHC	18.8	336	eP	16 47 34.8	2.9					eS	19 31	33.5	2.5		
			LN	$M_s=4.5$	9.0	0.64	WHN	19.5	73	eP	19 28	40.5	0.7		
			LE		9.0	0.48				pP	19 28	50.0	2.2		
BTO	19.3	332	eP	16 47 38.0	1.3		TIY	20.1	52	eP	19 28	44.8	-1.5		
			pP	16 47 42.0	0.5		BTO	20.1	42	eP	19 28	45.0	-1.4		
			eS	16 51 14.0	5.7		HHC	21.2	43	eP	19 28	56.9	-0.7		
			LN	$M_s=5.0$	10.0	2.00	TIA	23.0	59	eP	19 29	15.7	0.3		
			LE		10.0	1.30	NJ2	23.5	70	+P	19 29	21.0	0.6		
			LZ	$M_s=4.7$	10.0	1.50				pP	19 29	31.2	1.9		
LZH	19.6	312	+P	16 47 40.0	-0.4		BJI	23.8	50	eP	19 29	25.0	2.2		
			PMZ	$m_b=4.8$	2.5	0.11	SSE	25.4	73	eP	19 29	40.0	1.2		
			PMZ	$m_b=5.2$	5.0	0.58				pP	19 29	48.0	0.3		
			pP	16 47 44.5	-0.9					sS	19 34	18.0	2.0		
			sP	16 47 48.0	-0.8					LE		$M_s=4.1$	13.0	0.31	
			PP	16 48 01.0	3.4					LZ		$M_s=4.3$	16.0	0.62	
			eS	16 51 20.0	4.2		SNY	29.6	51	eP	19 30	17.0	0.1		
			LN	$M_s=4.9$	7.0	1.10	CN2	31.6	49	eP	19 30	34.0	-0.7		
			LE		8.0	0.99									
			LZ	$M_s=4.7$	10.0	1.71	DEC 29d 21h 05m $27.4 \pm 0.04s$, SD1.28 / 137								
CN2	20.0	8	eP	16 47 45.0	0.0		5.72 N $\pm 0.65km$, 125.96 E $\pm 1.02km$, h114 $\pm 0.03km$								
			pP	16 47 49.0	-1.3		Mindanao (259)								
			eS	16 51 25.0	0.5		$m_b 5.3 / 43$,								
			LZ	$M_s=4.5$	12.0	1.20	QZN	20.5	312	-P	21 09	59.8	1.0		
MDJ	21.6	15	eP	16 48 01.0	0.0					PMZ		$m_b=4.5$	0.8	0.020	
			PMZ	$m_b=4.6$	1.0	0.027				S	21 13	38.0	1.4		
GTA	24.1	315	eP	16 48 26.1	0.2					SS	21 14	18.0	2.7		
			PMZ	$m_b=5.0$	3.5	0.21	SSE	25.6	351	P	21 10	50.3	2.0		
			pP	16 48 33.0	1.6					PMZ		$m_b=4.8$	0.8	0.020	
			sS	16 52 50.0	0.7					sS	21 15	52.0	3.5		
			LE	$M_s=4.7$	11.0	1.10	WHN	27.0	338	eP	21 11	01.5	0.6		
			LZ	$M_s=4.5$	11.0	0.90				pP	21 11	29.0	3.9		
LSA	27.8	288	eP	16 49 02.3	1.0		NJ2	27.0	347	-P	21 11	04.2	3.1		
WMQ	34.1	314	eP	16 49 55.0	-1.7		GYA	27.6	320	+IP	21 11	07.8	0.9		
										pP	21 11	33.6	2.6		
										PcP	21 14	21.0	0.1		
										S	21 15	43.4	5.3		
										ScP	21 17	51.4	1.7		
										ScS	21 21	41.0	0.7		
DEC 29d 18h 54m $34.0 \pm 0.10s$, SD0.82 / 73															
52.09 N $\pm 0.23km$, 170.53 W $\pm 0.41km$, h65 $\pm 0.97km$															
Fox Islands (9)															
$m_b 4.9 / 27$,															



		eS	06 33 20.0	1.6					SME			1.4	0.25
		LE			12.0	0.50			LN	$M_s = 5.7$		6.0	4.37
KMI	31.9 323	+P	06 28 24.0	-3.6					LE			6.0	34.1
NJ2	32.2 353	-P	06 28 30.6	0.8				LZ	$M_s = 5.5$		10.0	33.3	
		PMZ	$m_b = 5.5$		0.8	0.088	GZH	7.7 266	eP	10 33 16.2	2.7		
		pP	06 29 03.0	-4.1					S	10 34 46.0	4.3		
CD2	35.9 331	-iP	06 29 01.3	0.0					SMN			2.0	2.27
		PMZ	$m_b = 5.6$		0.9	0.14			SME			2.0	1.09
		LE			9.0	1.70			LN	$M_s = 5.9$		6.0	18.4
XAN	36.4 340	LZ			19.0	2.20			LE			6.0	40.4
		P	06 29 05.2	-0.9					LZ	$M_s = 5.8$		7.0	41.7
		PMZ	$m_b = 5.5$		1.0	0.14	NJ2	8.6 344	eP	10 33 24.0	-1.6		
TIA	36.5 352	eP	06 29 06.2	-0.3					S	10 35 10.0	6.7		
		S	06 34 32.4	-1.5					LN	$M_s = 6.0$		8.0	35.0
		LE			9.0	0.40			LE			8.0	55.5
		LZ			18.0	0.60	WHN	9.4 317	eP	10 33 38.5	2.0		
DL2	38.8 358	eP	06 29 24.5	-1.1					pP	10 33 40.5	-0.5		
		PMZ	$m_b = 5.6$		0.9	0.14			eS	10 35 24.5	1.5		
TIY	38.8 346	eP	06 29 25.5	-0.7					LE	$M_s = 5.8$		10.0	43.2
		PMZ	$m_b = 5.4$		0.8	0.080			LZ	$M_s = 5.2$		12.0	15.0
		eS	06 35 10.0	-0.5			QZN	12.0 249	eP	10 34 13.0	-0.1		
		LE			14.0	0.62			S	10 36 32.0	3.9		
		LZ			27.0	1.16			LN	$M_s = 5.5$		10.0	7.72
LZH	40.2 335	P	06 29 37.5	0.2					LE			9.0	10.5
		PMZ	$m_b = 5.5$		2.0	0.24	TIA	13.0 343	eP	10 34 30.0	4.4		
		PMZ	$m_b = 5.5$		5.0	0.73			S	10 36 54.0	3.3		
		pP	06 30 15.0	-0.8					LN	$M_s = 5.8$		9.0	13.8
		sP	06 30 36.0	-0.3					LE			9.0	23.9
		PP	06 31 14.0	-1.8					LZ	$M_s = 5.6$		9.0	17.9
		ScP	06 35 09.5	1.4			GYA	13.9 284	-P	10 34 37.2	-0.6		
		eS	06 35 31.0	0.4					PMZ			3.0	1.00
		LZ			18.0	0.53			sP	10 34 50.0	4.6		
BJI	40.4 352	eP	06 29 37.5	-1.3					S	10 37 14.0	1.5		
SNY	41.7 0	+P	06 29 47.4	-1.9					LN	$M_s = 6.0$		14.0	24.7
		PMZ	$m_b = 5.0$		0.8	0.033			LE			14.0	50.9
		eS	06 35 48.0	-4.1					LZ	$M_s = 5.4$		16.0	21.2
		LZ			20.0	1.03	DL2	15.0 360	eP	10 34 54.0	1.2		
HHC	42.0 347	P	06 29 52.4	0.0					PMZ	$m_b = 5.6$		7.0	1.79
BTO	42.2 345	eP	06 29 54.0	0.4					LN	$M_s = 5.5$		10.0	11.1
LSA	42.5 317	eP	06 29 57.9	1.4					LZ	$M_s = 5.2$		14.0	10.4
CN2	43.7 2	eP	06 30 05.0	-0.7			XAN	15.1 315	eP	10 34 54.0	0.1		
		pP	06 30 44.0	-0.7					LN	$M_s = 5.9$		8.0	3.80
		PcP	06 31 49.0	-0.4					LE			9.0	25.5
		eS	06 36 21.0	-0.6			TIY	16.0 332	-P	10 35 06.0	1.0		
GTA	44.7 334	+P	06 30 13.6	-0.2					sP	10 35 13.0	0.3		
		PMZ	$m_b = 5.8$		2.0	0.52			S	10 38 06.0	4.3		
		pP	06 30 48.6	-4.2					SS	10 38 25.5	5.2		
		PcP	06 31 53.8	1.0					LN	$M_s = 5.9$		9.0	25.9
		ScP	06 35 29.8	3.6					LZ	$M_s = 5.6$		9.0	14.1
		PcS	06 35 45.0	0.2			BJI	16.8 345	eP	10 35 15.0	-0.9		
		ScS	06 39 51.7	3.0					PMZ	$m_b = 5.5$		8.0	1.83
		LZ			10.0	0.070			eS	10 38 23.0	0.6		
MDJ	44.8 7	+P	06 30 13.7	-1.0					LN	$M_s = 5.6$		8.0	8.69
		PMZ	$m_b = 5.7$		0.8	0.17			LE			8.0	4.65
WMQ	53.9 329	P	06 31 23.5	-0.5					LZ	$M_s = 5.4$		10.0	8.95
		ScP	06 36 09.0	3.8			KMI	17.3 278	+P	10 35 22.5	0.3		
		eS	06 38 48.0	4.2					PMZ	$m_b = 5.5$		5.0	1.20
		ScS	06 40 53.5	3.0					pP	10 35 27.5	1.2		
									S	10 38 37.0	4.2		
									SS	10 38 58.0	4.0		
									LN	$M_s = 5.9$		7.0	3.80
									LE			7.0	18.3
									LZ	$M_s = 5.6$		12.0	17.0
QZH	3.1 292	ePn	10 32 06.0	-0.9			CD2	17.4 298	eP	10 35 23.9	0.5		
		LE	$M_s = 5.8$		8.0	184			LN	$M_s = 6.0$		17.0	51.0
SSE	7.3 356	eP	10 33 06.5	-0.7			SNY	18.0 5	eP	10 35 27.0	-3.8		
		eS	10 34 32.0	1.5					PMZ	$m_b = 5.5$		6.0	1.45
		SMN	$M_L = 4.7$		1.6	0.34			sP	10 35 34.5	-4.2		

DEC 30d 10h 31m $18.1 \pm 0.10s$, $SD2.06 / 80$
 $23.82 N \pm 1.07km$, $121.71 E \pm 1.21km$, $h8 \pm 0.23km$
 Taiwan (244)

$M_s 5.8 / 54$, $M_L 4.7 / 3$, $m_b 5.5 / 17$,

QZH	3.1 292	ePn	10 32 06.0	-0.9		
		LE	$M_s = 5.8$		8.0	184
SSE	7.3 356	eP	10 33 06.5	-0.7		
		eS	10 34 32.0	1.5		
		SMN	$M_L = 4.7$		1.6	0.34

		PMZ	$m_b = 6.4$	1.2	1.15			pP	19 24 22.0	5.1		
		PMZ	$m_B = 7.0$	12.0	50.0			PcP	19 24 38.0	2.6		
		pP	19 23 18.5	4.6				PP	19 25 43.0	-2.8		
		sP	19 23 38.0	4.0				S	19 31 14.0	6.0		
		PP	19 24 30.0	2.8				LN		20.0	127	
		iS	19 29 16.0	3.4				LE		18.0	116	
NJ2	47.9 323	-P	19 22 42.9	1.2		TIY	55.7 323	+iP	19 23 38.0	-1.2		
		PMZ	$m_b = 5.7$	0.8	0.17			PMZ	$m_b = 6.4$	1.4	1.09	
		PMZ	$m_B = 7.2$	7.0	47.9			PMZ		13.0	54.3	
		S	19 29 30.0	6.2				pP	19 24 22.0	2.6		
		LN			18.0	62.5		sP	19 24 39.0	-0.1		
		LE			20.0	6.55		PP	19 25 50.0	3.7		
WHN	49.8 318	+iP	19 22 57.0	0.9				S	19 31 12.0	3.3		
		PMZ	$m_b = 6.6$	1.5	2.40			sS	19 32 24.0	3.9		
		PMZ	$m_B = 7.0$	8.0	31.6			LN		21.0	190	
		pP	19 23 40.0	4.5				LZ		18.0	164	
		iS	19 29 57.0	6.0				+P	19 23 40.0	0.5		
		LN			16.0	39.5	KMI	55.7 305	PMZ	$m_B = 7.1$	6.0	24.2
		LZ			46.0	203		sP	19 24 43.0	3.7		
DL2	51.5 331	P	19 23 08.9	0.1				S	19 31 15.0	6.1		
		PMZ	$m_b = 7.1$	1.5	7.76			LN		20.0	145	
		PMZ	$m_B = 7.0$	8.0	33.2			LE		20.0	140	
		iS	19 30 15.0	0.9				P	19 23 51.7	-1.0		
		SMN			10.0	31.9	CD2	57.6 312	PP	19 26 04.0	0.6	
		SME			10.0	49.8		S	19 31 36.0	2.2		
		LN			20.0	125		LE		20.0	80.5	
		LE			18.0	59.3	HHC	58.2 325	P	19 23 57.0	-0.4	
TIA	51.9 325	eP	19 23 10.1	-1.5				PMZ	$m_B = 6.9$	9.0	22.3	
		PMZ	$m_b = 6.9$	8.0	25.6			pP	19 24 40.0	2.0		
		pP	19 23 55.8	4.4				PP	19 26 09.0	-0.4		
		ScP	19 28 04.0	4.7				S	19 31 44.0	1.4		
		S	19 30 18.2	0.1				LN		19.0	101	
		LN			17.5	87.5		LE		19.0	31.1	
		LE			15.0	82.4		LZ		26.0	131	
SNY	53.0 334	+P	19 23 17.9	-1.6			BTO	59.0 324	P	19 24 02.0	-0.5	
		PMZ	$m_b = 6.6$	1.4	1.98			PMZ	$m_B = 7.2$	7.0	30.1	
		PMZ			13.0	75.1		PP	19 26 12.0	-3.8		
		pP	19 24 04.0	4.7				S	19 31 57.0	5.1		
		PcP	19 24 21.0	-4.3				LN		16.0	70.8	
		PP	19 25 24.0	1.6				LE		16.0	104	
		iS	19 30 35.0	1.3				LZ		16.0	105	
		SME			13.0	73.1	LZH	60.2 317	+P	19 24 10.0	-0.9	
		LN			16.0	62.9		PMZ	$m_b = 6.7$	2.0	2.92	
		LE			16.0	41.4		PMZ	$m_B = 7.1$	10.0	37.1	
MDJ	53.1 341	+P	19 23 19.0	-1.3				pP	19 24 55.0	3.4		
		PMZ	$m_b = 6.8$	1.8	4.17			sP	19 25 15.0	3.8		
		PMZ	$m_B = 7.1$	8.0	35.1			PP	19 26 26.0	-0.8		
		pP	19 24 00.0	-0.2				S	19 32 09.0	1.3		
		S	19 30 30.0	-4.1				sS	19 33 22.5	2.5		
		LN			17.0	58.4		LN		16.0	66.3	
		LE			17.0	59.2		LE		16.0	62.2	
GYA	53.1 308	P	19 23 21.2	0.1			GTA	64.7 318	+iP	19 24 39.4	-1.0	
		PMZ	$m_B = 7.0$	6.0	22.9			PMZ	$m_B = 7.1$	10.0	32.0	
		S	19 30 40.0	4.8				pP	19 25 24.9	3.3		
		LN			18.0	272		PP	19 27 06.5	0.6		
		LE			18.0	185		SS	19 37 22.0	2.8		
		LZ			28.0	95.0		LE		14.0	44.6	
CN2	53.8 337	+iP	19 23 24.0	-1.9				LZ		38.0	133	
		PMZ	$m_b = 6.2$	1.0	0.60		LSA	66.9 305	-iP	19 24 55.6	0.4	
		PMZ	$m_B = 7.3$	5.0	34.0			pP	19 25 41.0	4.7		
		pP	19 24 08.5	2.6				S	19 33 33.0	2.0		
		S	19 30 43.0	-1.4				SME		13.0	26.9	
BJI	55.1 328	eP	19 23 34.5	-0.9				ScS	19 34 33.0	2.8		
		eS	19 31 00.0	-3.1				LZ		26.0	264	
		LN			17.0	57.9	WMQ	74.7 318	P	19 25 40.6	-1.0	
		LE			17.0	61.7		PMZ	$m_B = 7.2$	5.0	22.9	
XAN	55.6 318	P	19 23 37.5	-1.3				PP	19 28 33.0	0.6		
		PMZ	$m_B = 7.2$	6.0	28.6			S	19 35 03.0	2.4		



		SKS	19 35 30.0	3.0		
		LN			15.0	64.8
		LE			18.0	74.5
KSH	81.8 311	P	19 26 20.0	-0.2		
		pP	19 27 05.0	2.0		
		sP	19 27 26.0	3.9		
		PP	19 29 32.0	1.7		
		S	19 36 17.0	1.5		
		eSKS	19 36 22.0	4.4		
		LN			17.0	54.0

		$M_L 3.7 / 6,$			
WMQ	4.8 344	Pn	13 18 05.4		
		SMN	$M_L = 4.0$		
		SME			
GTA	8.0 86	eP	13 18 46.0	-4.3	
		SMN	$M_L = 3.4$		1.0 0.015
		SME			0.8 0.0090

DEC 31d 02h 38m $43.2 \pm 0.06s$, SD1.25 / 231
 6.86 N $\pm 0.73km$, 72.99 W $\pm 0.73km$, h156 $\pm 0.35km$
 Northern Colombia (99)
 $m_b 5.3 / 39,$

WMQ	126.6 17	PKP	02 57 30.1	0.9		
		PP	02 59 27.5	-2.8		
CN2	126.9 343	ePKP	02 57 30.6	0.9		
SNY	129.2 344	ePKP	02 57 35.5	1.3		
HHC	132.3 355	PKP	02 57 42.0	1.7		
BJI	132.6 350	ePKP	02 57 41.5	0.9		
BTO	132.7 357	ePKP	02 57 43.0	2.0		
GTA	133.5 8	iPKP	02 57 43.9	1.4		
		PP	03 00 11.1	-3.9		
		PKS	03 01 12.5	-3.4		
		SKS	03 04 41.0	6.3		
		SKKS	03 06 49.2	0.4		
TIY	135.4 354	PKP	02 57 47.5	1.6		
LZH	137.2 4	+PKP	02 57 51.0	1.7		
NJ2	139.7 344	-PKP	02 57 56.0	2.3		
WHN	142.2 350	ePKP	02 57 56.5	-1.5		
CD2	142.3 5	ePKP	02 57 55.8	-2.6		
GYA	146.9 1	iPKP	02 58 08.0	1.7		
		PP	03 01 34.6	-1.6		
KMI	147.9 7	PKP	02 58 10.0	1.9		
		PKP2	02 58 18.0	3.0		
		PP	03 01 41.0	-1.4		
		PPMZ			2.0	0.040
QZN	154.1 354	ePKP	02 58 19.0	1.9		

DEC 31d 16h 30m $23.6 \pm 0.07s$, SD1.47 / 55
 17.17 S $\pm 1.24km$, 174.39 W $\pm 0.95km$, h34 $\pm 0.22km$
 Tonga (173)
 $m_b 5.0 / 19,$

MDJ	79.8 323	eP	16 42 30.5	-0.6		
CN2	81.8 321	+P	16 42 41.0	-0.6		
SNY	81.9 318	+P	16 42 42.7	0.6		
BJI	86.0 314	eP	16 43 02.5	0.0		
TIY	87.7 311	-P	16 43 11.8	1.0		
GYA	88.0 298	P	16 43 13.0	0.4		
		pP	16 43 21.0	-1.4		
XAN	88.9 306	P	16 43 17.0	0.4		

DEC 31d 17h 57m $02.9 \pm 0.04s$, SD1.17 / 129
 0.86 N $\pm 0.65km$, 126.68 E $\pm 0.84km$, h69 $\pm 0.18km$
 Molucca Passage (266)
 $M_s 5.0 / 1, m_b 5.4 / 40,$

QZN	24.5 319	+P	18 02 17.2	0.3		
		PMZ	$m_b = 5.0$		0.7	0.050
		eS	18 06 33.5	3.9		
QZH	25.2 343	-P	18 02 23.7	-0.1		
GZH	25.6 331	+P	18 02 27.8	0.0		
SSE	30.5 351	-P	18 03 13.0	0.9		
		pP	18 03 26.5	-1.9		
		S	18 08 11.0	4.3		
WHN	31.8 340	eP	18 03 23.0	0.0		
NJ2	31.9 347	+P	18 03 26.0	1.8		
		PMZ	$m_b = 5.8$		0.8	0.14
GYA	31.9 325	-P	18 03 23.6	-1.0		
		PMZ	$m_b = 5.3$		1.0	0.050
KMI	33.4 318	eP	18 03 37.5	-0.3		
		pP	18 03 54.0	0.0		
		sP	18 03 58.0	-4.5		
TIA	36.3 347	-P	18 04 02.0	0.2		
		PMZ	$m_b = 4.6$		1.1	0.011
CD2	36.9 326	P	18 04 06.8	-0.8		
		PMZ	$m_b = 5.5$		1.0	0.080
DL2	38.1 354	eP	18 04 18.2	0.8		
		PMZ	$m_b = 6.1$		0.7	0.20
TIY	38.9 342	-P	18 04 25.0	0.7		
		PMZ	$m_b = 5.6$		0.8	0.080
		S	18 10 20.0	3.3		
BJI	40.1 347	P	18 04 35.0	0.9		
		PMZ	$m_b = 5.7$		1.0	0.13
SNY	40.9 356	+iP	18 04 40.6	0.5		
		PMZ	$m_b = 5.2$		0.9	0.037
		pP	18 04 54.2	-2.7		
LZH	41.0 331	-P	18 04 41.5	0.5		
		PMZ	$m_b = 5.5$		1.2	0.083
		pP	18 04 56.0	-1.6		
HHC	42.1 343	P	18 04 51.4	1.1		
		PMZ	$m_b = 5.7$		1.0	0.11
		PP	18 06 37.0	5.9		
BTO	42.3 341	eP	18 04 53.5	1.2		
CN2	42.8 359	eP	18 04 57.0	1.4		
MDJ	43.6 3	eP	18 05 01.6	-1.2		
		PMZ	$m_b = 5.6$		1.0	0.082
LSA	44.3 314	P	18 05 09.4	0.6		
GTA	45.5 331	-iP	18 05 18.3	0.2		
		S	18 11 55.2	1.8		

DEC 31d 13h 16m $51.4 \pm 0.21s$, SD4.18 / 8
 39.26 N $\pm 2.23km$, 89.55 E $\pm 0.94km$, h10 $\pm 0.01km$
 Southern Xinjiang Province (321)

WMQ	55.0 326	ScS	18 15 05.3	1.1	1.0	0.11
		P	18 06 30.5	0.1		
		PMZ	$m_b = 5.8$			
		PcP	18 07 32.0	1.8		
		S	18 14 08.1	3.3		
		ScS	18 16 08.5	-0.1		

GTA	92.8 311	eS	22 35 05.0	-4.0	1.0	0.019
		LZ	$M_s = 4.9$	26.0		
		P	22 24 45.2	0.2		
		PMZ	$m_b = 5.1$			
		pP	22 24 49.7	-0.6		
		LZ	$M_s = 4.9$	20.0		
WMQ	102.8 312	P	22 25 32.5	2.0	1.8	0.16
		PP	22 29 48.0	2.0		

DEC 31d 22h 11m $30.0 \pm 0.04s$, SD1.31 / 182
 21.91 S $\pm 0.79km$, 174.83 E $\pm 0.82km$, h10 $\pm 0.12km$
 Loyalty Islands region (189)
 $m_b 5.8 / 2$, $m_b 5.3 / 36$,

SSE	73.6 314	P	22 23 05.5	-0.8	1.0	0.015		
		PMZ	$m_b = 4.9$					
		S	22 32 36.0	1.5				
		ScS	22 33 12.0	0.9				
		SS	22 37 20.0	0.1				
GZH	74.7 303	eP	22 23 13.2	0.7	20.0	0.74		
		QZN	75.4 298	eP			22 23 15.4	-1.3
		eS	22 32 50.0	-6.2				
NJ2	75.8 313	-P	22 23 19.2	0.5	1.0	0.070		
		PMZ	$m_b = 5.6$					
		eS	22 33 05.0	5.0				
MDJ	78.0 329	LZ	$M_s = 4.9$	22.0	1.0	0.027		
		eP	22 23 29.5	-1.7				
		PMZ	$m_b = 5.2$					
WHN	78.0 310	-P	22 23 32.0	0.7	1.3	0.060		
		PMZ	$m_b = 5.4$					
		pP	22 23 39.0	2.3				
DL2	78.3 320	eP	22 23 34.0	1.1	2.0	0.074		
SNY	79.2 324	+P	22 23 37.0	-0.5				
PMZ	$m_b = 5.3$							
S	22 33 40.0	5.2						
SMN		19.0						
TIA	79.5 316	SKS	22 33 46.0	-1.2	23.0	1.02		
		LZ	$M_s = 5.1$					
		-P	22 23 39.0	0.0				
CN2	79.5 326	PMZ	$m_b = 5.2$	1.2	1.0	0.030		
		eP	22 23 40.0	0.6				
		PMZ	$m_b = 5.3$					
GYA	81.6 303	eS	22 33 39.0	-1.2	18.0	0.80		
		LZ	$M_s = 5.1$					
		P	22 23 50.0	-0.8				
BJI	82.3 319	eP	22 23 54.5	0.2	1.0	0.012		
		PMZ	$m_b = 4.9$					
		eS	22 34 08.0	-1.4				
TIY	83.4 315	LZ	$M_s = 5.0$	40.0	30.0	1.26		
		-P	22 24 00.4	0.7				
		S	22 34 20.0	1.8				
XAN	83.8 310	LZ	$M_s = 5.1$		2.0	0.11		
		P	22 24 02.2	0.4				
		KMI	84.1 300	-P			22 24 04.0	0.3
HHC	85.7 317	PMZ	$m_b = 5.6$		24.0	0.70		
		S	22 34 30.0	4.3				
		LZ	$M_s = 5.0$					
CD2	86.0 305	P	22 24 11.0	-0.3	34.0	2.10		
		S	22 34 38.0	-3.0				
		LZ	$M_s = 5.3$					
BTO	86.5 316	eP	22 24 13.7	0.8	1.8	0.14		
		PMZ	$m_b = 5.8$					
		PP	22 27 36.0	2.5				
LZH	88.4 310	SKS	22 34 30.0	-4.6	10.0	0.43		
		S	22 34 41.5	-2.7				
		P	22 24 16.0	0.5				
LZH	88.4 310	-P	22 24 24.5	-0.2	1.8	0.16		
		PMZ	$m_b = 5.9$					
		PMZ	$m_b = 5.6$					
		pP	22 24 32.5	2.5				

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