

Sta. code	$\Delta$ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A ( $\mu$ m)	Sta. code	$\Delta$ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A ( $\mu$ m)
<p>SEP 2d 07h 29m 00.1<math>\pm</math>0.09s, SD1.17 / 48                      3.72 N<math>\pm</math>1.37km, 126.40 E<math>\pm</math>2.70km, h32<math>\pm</math>0.19km                      Talaud Islands (263)                      m<sub>b</sub>5.0 / 2,</p>															
QZH	22.4	341	eP	07 33 59.0	1.5			BTO	36.5	270	LE	10 34 51.0	0.4		11.0 1.40
SSE	27.7	350	eP	07 34 48.0	0.4						eP	10 35 04.0	1.9		
			S	07 39 29.0	3.7						pP	10 36 16.0	1.7		
WHN	29.0	338	-P	07 35 01.2	1.7						ePP	10 40 30.5	1.8		
NJ2	29.1	347	eP	07 34 59.0	-1.0			SSE	36.8	248	eP	10 34 49.5	-3.3		
TIA	33.4	346	-P	07 35 38.4	-0.3						pP	10 35 00.0	-4.4		
XAN	34.3	334	+P	07 35 44.9	-1.0						eS	10 40 29.0	-3.7		
CD2	34.5	324	eP	07 35 46.7	-0.7						LN	M <sub>S</sub> =5.5		12.0	1.97
DL2	35.3	354	P	07 35 55.5	1.0						LE			12.0	2.25
TIY	36.2	341	-P	07 36 02.2	0.1			TIY	36.9	264	eP	10 34 55.0	0.5		
BJI	37.3	347	eP	07 36 11.5	-0.1						S	10 40 39.0	4.2		
SNY	38.0	357	+iP	07 36 18.2	0.6						LN	M <sub>S</sub> =5.2		12.0	1.20
LZH	38.3	330	eP	07 36 20.5	0.1						LE			13.0	1.20
			PMZ		m <sub>b</sub> =5.0	1.5	0.040	NJ2	37.3	251	eP	10 34 58.0	0.6		
HHC	39.3	342	eP	07 36 27.4	-0.9						LN	M <sub>S</sub> =5.1		15.0	1.12
BTO	39.6	340	eP	07 36 32.0	1.4						LE			15.0	1.06
MDJ	40.8	3	eP	07 36 40.8	0.0						LZ	M <sub>S</sub> =4.9		16.0	1.48
GTA	42.9	329	eP	07 36 55.0	-3.3			WHN	41.0	254	-P	10 35 32.5	4.6		
<p>SEP 2d 08h 12m 17.3<math>\pm</math>0.09s, SD2.30 / 7                      31.69 N<math>\pm</math>0.77km, 102.20 E<math>\pm</math>0.63km, h20<math>\pm</math>0.56km                      Sichuan Province (307)                      M<sub>L</sub>3.3 / 5,</p>															
CD2	1.5	120	ePn	08 12 47.4	3.1						sP	10 35 50.0	5.3		
			Pg	08 12 48.2	3.5						eS	10 41 32.0	-4.4		
			SMN		M <sub>L</sub> =2.9	0.7	0.10	XAN	41.5	263	eP	10 35 34.0	1.3		
			SME			0.8	0.20				LN	M <sub>S</sub> =5.6		16.0	2.75
<p>SEP 2d 10h 27m 47.5<math>\pm</math>0.18s, SD1.47 / 69                      54.17 N<math>\pm</math>3.36km, 161.35 E<math>\pm</math>2.98km, h46<math>\pm</math>0.29km                      Near east coast of Kamchatka (218)                      M<sub>S</sub>5.3 / 36, m<sub>b</sub>4.7 / 3,</p>															
MDJ	22.6	258	eP	10 32 48.5	3.0						LE			12.0	0.55
			pP	10 32 58.0	1.5						LZ	M <sub>S</sub> =4.9		12.0	0.84
			S	10 36 37.5	-6.8						LN	M <sub>S</sub> =4.9		12.0	2.00
			LE		M <sub>S</sub> =4.8	14.0	1.50				LZ	M <sub>S</sub> =4.9		15.0	2.00
			LZ		M <sub>S</sub> =4.3	20.0	1.10	LZH	43.1	269	eP	10 35 46.0	0.5		
CN2	25.5	261	-P	10 33 13.0	-0.3						LN	M <sub>S</sub> =5.4		12.0	2.00
			pP	10 33 25.0	0.5						LZ	M <sub>S</sub> =5.1		15.0	2.00
			eS	10 37 35.0	0.3						LZ				
			LE		M <sub>S</sub> =5.2	15.0	3.20	GTA	43.2	276	eP	10 35 46.8	0.2		
SNY	27.8	259	+P	10 33 34.2	-0.3						iS	10 42 12.0	2.1		
			S	10 38 10.0	-1.3						LN	M <sub>S</sub> =5.3		13.0	1.56
			LN		M <sub>S</sub> =5.0	13.0	1.15				LZ	M <sub>S</sub> =5.3		14.0	2.98
			LE			14.5	1.28	CD2	46.8	264	eP	10 36 14.0	-1.1		
			LZ		M <sub>S</sub> =4.9	16.0	2.70				eS	10 43 04.0	2.8		
DL2	30.8	257	eP	10 34 05.0	3.4						LN	M <sub>S</sub> =5.4		15.0	1.98
			LN		M <sub>S</sub> =5.4	15.0	3.24	WMQ	47.3	289	P	10 36 18.5	-0.6		
			LE			15.0	2.70				pP	10 36 31.0	0.2		
			LZ		M <sub>S</sub> =4.9	18.0	2.41				PcS	10 41 44.0	1.3		
BJI	33.2	264	eP	10 34 22.0	-0.6						S	10 43 10.0	2.8		
			eS	10 39 36.0	-2.1						LN	M <sub>S</sub> =5.6		18.0	2.95
			LN		M <sub>S</sub> =5.2	13.0	1.90				LE			16.0	2.41
			LZ		M <sub>S</sub> =5.3	15.0	4.30				LZ	M <sub>S</sub> =5.5		18.0	5.13
TIA	35.3	258	eP	10 34 39.0	-1.2			GYA	48.5	258	P	10 36 29.2	1.2		
			S	10 40 07.5	-1.3						pP	10 36 41.2	1.5		
			LN		M <sub>S</sub> =4.7	15.0	0.65				S	10 43 26.2	2.9		
HHC	35.4	269	eP	10 34 41.9	0.3						LN	M <sub>S</sub> =5.4		16.0	1.40
			eS	10 40 13.0	0.7						LE			16.0	1.70
			LN		M <sub>S</sub> =5.3	11.0	1.40	KMI	51.7	260	+P	10 36 54.0	0.8		
<p>SEP 2d 10h 27m 47.5<math>\pm</math>0.18s, SD1.47 / 69                      54.17 N<math>\pm</math>3.36km, 161.35 E<math>\pm</math>2.98km, h46<math>\pm</math>0.29km                      Near east coast of Kamchatka (218)                      M<sub>S</sub>5.3 / 36, m<sub>b</sub>4.7 / 3,</p>															
											pP	10 37 07.0	2.1		
											LN	M <sub>S</sub> =5.5		18.0	1.80
											LE			18.0	1.70
								QZN	52.5	249	P	10 37 00.6	1.8		
											pP	10 37 12.0	1.3		
											eS	10 44 23.0	2.4		
											LE	M <sub>S</sub> =5.3		15.0	1.20
								KSH	56.7	293	eP	10 37 28.0	-1.5		



		eS	10 45 14.5	-2.7		
		LN	$M_s = 5.5$	14.0	1.90	
SEP 2d 19h 47m 34.4 ± 0.11s, SD1.93 / 44						
40.79 N ± 1.10km, 122.43 E ± 1.15km, h9 ± 0.22km						
North-Eastern China (658)						
$M_s 4.0 / 10, M_L 4.6 / 20,$						
SNY	1.4 39	+iPg	19 48 00.0	1.6		
		Sg	19 48 17.0	0.1		
		SMN	$M_L = 4.7$	1.0	12.9	
		SME		1.0	9.15	
DL2	2.0 198	+Pn	19 48 09.0	0.5		
		Pg	19 48 11.5	2.1		
		Sg	19 48 38.5	2.1		
		SMN	$M_L = 4.6$	0.5	1.37	
		SME		0.5	8.57	
CN2	3.8 36	-iPn	19 48 32.7	-0.2		
		Pg	19 48 44.2	3.5		
		Sg	19 49 31.5	-0.5		
		SMN	$M_L = 4.4$	1.0	1.12	
		SME		1.0	0.70	
BJI	4.8 263	ePn	19 48 48.5	0.8		
		ePg	19 49 03.5	3.8		
		eSg	19 50 08.5	2.7		
		SMN	$M_L = 5.1$	0.5	2.80	
		SME		0.5	2.10	
		LN	$M_s = 3.9$	7.0	1.40	
TIA	6.2 224	ePn	19 49 06.6	0.4		
		Pg	19 49 28.8	5.3		
		Sg	19 50 44.6	-3.4		
		SMN	$M_L = 4.4$	1.0	0.21	
		SME		1.2	0.24	
MDJ	6.5 52	Pg	19 49 33.6	4.0		
		Sg	19 51 00.0	1.4		
		SMN	$M_L = 5.2$	1.0	1.40	
HHC	8.2 274	P	19 49 36.7	-0.7		
		SMN	$M_L = 5.0$	1.2	0.40	
		SME		1.0	0.30	
TIY	8.3 252	eP	19 49 37.0	-1.7		
		LN	$M_s = 3.8$	14.0	0.75	
		LZ	$M_s = 3.5$	16.0	0.46	
NJ2	9.2 199	eP	19 49 50.0	-0.3		
		eS	19 51 34.5	-0.2		
		LZ	$M_s = 4.2$	11.0	1.56	
BTO	9.4 273	eP	19 49 55.0	1.1		
		pP	19 49 57.0	-1.3		
		LN	$M_s = 4.0$	10.0	0.63	
		LE		10.0	0.40	
SSE	9.7 186	eP	19 49 56.5	-1.3		
		LE	$M_s = 3.7$	10.0	0.34	
WHN	12.1 215	eP	19 50 30.1	-0.7		
		LE	$M_s = 4.0$	10.0	0.50	
GTA	17.4 273	eP	19 51 40.0	1.1		
		LE	$M_s = 4.5$	6.0	0.48	
WMQ	25.7 288	eP	19 53 07.4	-0.1		

SEP 2d 20h 02m 21.8 ± 0.09s, SD2.09 / 7						
40.79 N ± 0.84km, 122.41 E ± 0.64km, h20 ± 0.20km						
North-Eastern China (658)						
$M_L 3.0 / 6,$						
SNY	1.4 40	Pg	20 02 45.3	-0.8		
		Sg	20 03 03.0	-1.9		
		SMN	$M_L = 2.5$	0.4	0.10	
		SME		0.4	0.060	
DL2	2.0 198	ePg	20 02 56.0	-0.9		
		Sg	20 03 22.5	-1.5		
		SMN	$M_L = 3.0$	0.4	0.15	
		SME		0.4	0.13	

SEP 2d 20h 48m 35.5 ± 0.08s, SD1.13 / 79						
27.62 N ± 1.33km, 140.78 E ± 1.37km, h194 ± 0.26km						
Bonin Islands region (212)						
$m_b 5.1 / 2, m_b 5.3 / 10,$						
SSE	17.4 286	+P	20 52 28.0	-0.2		
		PMZ	$m_b = 5.0$	1.0	0.050	
		sP	20 53 20.0	-0.6		
		eS	20 55 34.0	-0.2		
MDJ	19.2 335	eP	20 52 42.5	-4.3		
		S	20 56 12.0	3.4		
NJ2	19.5 288	+iP	20 52 50.8	0.6		
		PMZ	$m_b = 5.0$	1.0	0.048	
		eS	20 56 15.0	-0.5		
DL2	19.5 310	eP	20 52 50.7	0.4		
SNY	20.0 320	+P	20 52 54.5	-0.3		
QZH	20.1 267	-P	20 52 55.5	-0.3		
		S	20 56 24.0	-1.0		
		SMN	$m_b = 5.2$	6.0	0.58	
CN2	20.3 327	eP	20 52 58.0	-0.4		
TIA	21.8 299	-P	20 53 13.6	0.8		
WHN	23.3 284	eP	20 53 27.5	0.5		
		PMZ	$m_b = 5.7$	1.2	0.27	
		sP	20 54 27.0	0.0		
		eS	20 57 26.0	4.1		
		SS	20 58 36.0	2.9		
BJI	23.8 308	eP	20 53 32.0	-0.3		
		ePP	20 54 14.5	-0.1		
TIY	25.8 300	-P	20 53 50.5	-0.5		
		pP	20 54 33.0	4.1		
		S	20 58 09.0	5.6		
HHC	27.4 306	eP	20 54 04.4	-1.0		
XAN	28.0 291	-iP	20 54 10.9	-0.2		
BTO	28.4 305	eP	20 54 15.0	0.4		
GYA	30.4 276	-P	20 54 31.6	-0.2		
		sP	20 55 34.0	0.6		
		S	20 59 16.6	0.6		
LZH	32.3 294	-P	20 54 49.0	-0.1		
		PMZ	$m_b = 5.8$	1.5	0.31	
CD2	32.4 285	-iP	20 54 48.8	-0.5		
		S	20 59 46.0	-1.4		
KMI	34.1 275	-P	20 55 04.5	0.4		
GTA	35.8 300	-iP	20 55 18.1	-0.8		
LSA	43.3 285	-P	20 56 22.0	1.0		
WMQ	45.2 305	P	20 56 35.0	-0.8		
		pP	20 57 18.0	0.7		
KSH	54.3 300	eP	20 57 46.0	1.6		

SEP 2d 22h 32m 43.7 ± 0.10s, SD1.06 / 71						
3.39 S ± 0.96km, 138.57 E ± 2.16km, h75 ± 0.17km						
West Irian (201)						
$m_b 5.4 / 6,$						
SSE	38.1 335	+P	22 39 57.3	0.1		
		PMZ	$m_b = 5.2$	1.0	0.040	
		eS	22 45 39.0	-5.3		
NJ2	39.9 333	+P	22 40 13.2	0.9		
WHN	40.9 327	P	22 40 22.5	2.0		
		S	22 46 28.0	2.2		
TIA	44.2 335	eP	22 40 46.7	-0.7		
KMI	44.9 311	eP	22 40 54.0	1.1		
		sP	22 41 20.0	0.1		
DL2	44.9 341	eP	22 40 53.4	0.4		
		eS	22 47 26.0	1.0		
XAN	46.6 326	-P	22 41 06.2	0.0		
SNY	47.0 345	+P	22 41 10.0	0.2		
TIY	47.6 332	eP	22 41 12.8	-1.2		
CD2	47.6 318	eP	22 41 14.6	0.3		
BJI	47.9 337	eP	22 41 16.0	-0.3		

CN2	48.4	347	eS	22 48 08.0	1.0		
			-P	22 41 20.2	-0.6		
			PcP	22 42 46.0	0.2		
MDJ	48.5	351	eP	22 41 21.0	0.0		
HHC	50.5	333	P	22 41 36.4	-0.2		
LZH	50.9	324	eP	22 41 41.0	0.8		
			PMZ	$m_b=5.7$		1.5	0.13
			pP	22 42 00.0	1.6		
BTO	51.0	332	eP	22 41 40.0	-0.5		
GTA	55.5	324	-iP	22 42 14.2	0.1		
WMQ	65.4	322	-P	22 43 21.5	0.0		
KSH	71.5	314	eP	22 44 02.5	3.5		

SEP 2d 23h 08m  $47.7 \pm 0.10s$ , SD1.50 / 22  
 $8.40 S \pm 1.32km$ ,  $120.87 E \pm 2.25km$ ,  $h32 \pm 0.21km$   
 Flores region (286)

WHN	39.2	351	eP	23 16 16.5	1.6		
CD2	42.4	338	eP	23 16 40.8	-0.4		
XAN	43.7	346	P	23 16 51.1	-0.8		
LZH	47.1	341	eP	23 17 16.5	-2.2		
BJI	48.4	355	eP	23 17 28.0	-0.9		
GTA	51.4	339	eP	23 17 51.8	-0.5		

SEP 2d 23h 27m  $29.7 \pm 0.14s$ , SD4.59 / 8  
 $35.67 N \pm 0.76km$ ,  $81.13 E \pm 2.01km$ ,  $h15 \pm 2.18km$   
 Kashmir-Tibet border region (304)  
 $M_L 4.2 / 5$

KSH	5.6	314	ePn	23 28 55.5	1.8		
			Pg	23 29 08.0	-1.4		
			eSn	23 29 59.0	-1.4		
			SMN	$M_L=4.2$		0.5	0.20
			SME			0.5	0.20
WMQ	9.6	30	P	23 29 45.8	-4.7		
			S	23 31 45.5	6.9		

SEP 3d 00h 29m  $42.8 \pm 0.08s$ , SD0.83 / 17  
 $23.43 S \pm 0.82km$ ,  $179.97 W \pm 0.25km$ ,  $h532 \pm 0.90km$   
 South of Fiji (171)

MDJ	81.9	326	eP	00 41 08.5	0.3		
CN2	83.5	324	eP	00 41 16.0	-0.4		
BJI	86.7	316	eP	00 41 32.0	0.2		
TIY	87.9	313	eP	00 41 36.0	-1.5		
			SKS	00 51 15.0	1.5		

SEP 3d 08h 11m  $50.0 \pm 0.17s$ , SD1.87 / 31  
 $35.17 N \pm 3.87km$ ,  $52.44 E \pm 2.43km$ ,  $h8 \pm 0.47km$   
 Iran (348)  
 $M_S 4.7 / 4$

KSH	19.1	70	eP	08 16 16.0	-0.7		
			eS	08 19 45.0	-2.3		
			LN	$M_S=5.1$		9.0	2.80
WMQ	28.4	62	P	08 17 44.0	-3.2		
			eS	08 22 34.0	1.0		
			LN	$M_S=4.7$		10.0	0.61
GTA	37.6	69	eP	08 19 08.8	1.4		
LZH	41.4	73	eP	08 19 41.0	2.0		
CD2	42.8	81	eP	08 19 51.4	0.6		
KMI	44.2	89	+P	08 20 02.5	0.3		
BTO	45.1	65	eP	08 20 10.0	1.1		
XAN	46.0	74	eP	08 20 15.5	-0.3		
GYA	46.9	85	P	08 20 27.0	3.8		
TIY	47.6	68	eP	08 20 24.0	-4.9		
BJI	49.8	64	eP	08 20 45.0	-0.6		

SEP 3d 08h 38m  $34.5 \pm 0.09s$ , SD1.59 / 43  
 $2.98 S \pm 1.31km$ ,  $127.73 E \pm 2.67km$ ,  $h50 \pm 0.40km$   
 Seram (272)  
 $m_b 5.1 / 1$

QZN	28.1	322	eP	08 44 22.0	-1.9		
			eS	08 49 02.0	-1.3		
GYA	35.7	326	P	08 45 31.6	1.3		
WHN	35.7	340	eP	08 45 32.0	1.5		
			pP	08 45 41.6	-1.3		
			eS	08 51 08.0	5.3		
			SMN	$m_b=5.1$		8.0	0.29
NJ2	35.8	347	eP	08 45 32.5	0.7		
CD2	40.7	328	eP	08 46 12.9	0.4		
XAN	40.9	336	P	08 46 12.9	-0.8		
TIY	42.9	342	eP	08 46 30.2	-0.3		
			S	08 52 47.5	-2.6		
BJI	44.1	347	eP	08 46 39.0	-1.1		
SNY	44.8	356	eP	08 46 48.2	2.9		
LZH	44.8	332	eP	08 46 47.0	1.0		
CN2	46.6	358	eP	08 46 58.0	-2.1		
MDJ	47.4	2	eP	08 47 04.5	-1.9		
GTA	49.4	331	eP	08 47 21.6	-0.2		
WMQ	58.8	327	P	08 48 30.7	-0.1		

SEP 3d 09h 09m  $37.4 \pm 0.05s$ , SD0.68 / 23  
 $18.29 S \pm 0.79km$ ,  $178.11 W \pm 0.29km$ ,  $h596 \pm 0.77km$   
 Fiji region (181)

MDJ	78.7	325	eP	09 20 40.8	0.1		
CN2	80.5	322	eP	09 20 50.0	-0.3		
BJI	84.3	315	eP	09 21 09.0	-0.1		

SEP 3d 12h 52m  $47.0 \pm 0.09s$ , SD1.81 / 87  
 $29.99 N \pm 1.09km$ ,  $97.39 E \pm 0.95km$ ,  $h30 \pm 0.17km$   
 India-China border region (313)  
 $M_S 5.0 / 47$ ,  $M_L 5.5 / 2$ ,  $m_b 4.9 / 4$

LSA	5.4	268	ePn	12 54 09.8	2.9		
			Pg	12 54 18.5	-4.5		
			LE	$M_S=4.8$		9.0	10.7
CD2	5.6	79	iPn	12 54 13.8	5.4		
			LE	$M_S=5.1$		8.0	18.5
KMI	6.8	134	ePn	12 54 30.0	4.7		
			Pg	12 54 52.5	5.6		
			eSn	12 55 40.0	-3.3		
			LN	$M_S=5.2$		8.0	11.2
			LE			8.0	11.6
LZH	8.1	40	eP	12 54 47.0	0.7		
			PMZ	$m_b=6.0$		0.5	0.29
			LN	$M_S=5.2$		10.0	7.40
			LE			8.0	11.5
			LZ	$M_S=5.0$		12.0	12.1
GYA	8.9	111	-P	12 54 58.2	1.3		
			pP	12 55 05.0	1.6		
			S	12 56 36.0	-0.9		
			sS	12 56 47.0	-0.7		
			SS	12 56 53.0	3.1		
			LN	$M_S=5.4$		9.0	16.5
			LE			9.0	9.00
GTA	9.6	11	eP	12 55 06.0	-0.6		
			S	12 56 53.2	-1.1		
			LN	$M_S=4.9$		10.0	5.74
XAN	10.6	65	-P	12 55 21.0	1.0		
			S	12 57 21.1	2.8		
			LE	$M_S=5.1$		9.0	7.40
WHN	14.7	84	eP	12 56 13.5	-1.0		
			sP	12 56 23.0	-2.9		
			eS	12 58 56.0	-1.0		
			LN	$M_S=5.1$		8.0	3.60
TIY	14.7	54	eP	12 56 13.5	-1.1		
			pP	12 56 21.5	0.2		
			LN	$M_S=5.2$		11.0	3.45
			LE			11.0	5.59
			LZ	$M_S=5.4$		12.0	12.6









22.19 S ± 1.27km, 176.11 W ± 1.07km, h145 ± 0.70km  
 South of Fiji (171)  
 MDJ 82.9 324 eP 09 27 03.0 2.6  
 CN2 84.7 322 eP 09 27 10.5 1.1

SEP 5d 11h 38m 07.3 ± 0.10s, SD1.31 / 38  
 8.98 N ± 1.51km, 122.61 E ± 1.74km, h38 ± 0.43km  
 Mindanao (259)  
 M<sub>s</sub>4.3 / 2, m<sub>b</sub>4.5 / 3,  
 QZN 15.9 310 eP 11 41 51.0 0.9  
 eS 11 44 48.0 3.1  
 LN M<sub>s</sub>=4.4 15.0 1.20  
 QZH 16.3 347 P 11 41 58.6 3.1  
 SSE 22.0 357 eP 11 43 00.4 -0.1  
 PMZ m<sub>b</sub>=4.4 1.0 0.020  
 pP 11 43 12.5 2.3  
 LZ M<sub>s</sub>=4.1 12.0 0.45  
 WHN 22.8 341 eP 11 43 08.5 0.5  
 GYA 23.0 321 P 11 43 10.2 -0.3  
 NJ2 23.2 352 -P 11 43 12.2 0.1  
 LZ M<sub>s</sub>=4.0 12.0 0.30  
 KMI 24.8 313 eP 11 43 28.0 0.1  
 TIA 27.6 350 eP 11 43 52.0 -1.2  
 CD2 28.0 324 eP 11 43 55.5 -1.9  
 TIY 30.0 344 eP 11 44 13.2 -2.3  
 eS 11 49 13.0 3.0  
 LN M<sub>s</sub>=4.3 14.0 0.28  
 LZ M<sub>s</sub>=4.2 16.0 0.48  
 BJI 31.5 351 eP 11 44 26.5 -1.4  
 LZH 31.9 330 eP 11 44 31.0 -1.3  
 PMZ m<sub>b</sub>=4.9 2.0 0.040  
 MDJ 36.0 8 eP 11 45 06.5 -0.7  
 GTA 36.5 330 eP 11 45 11.6 0.0  
 WMQ 46.1 325 eP 11 46 29.5 -0.7

SEP 5d 19h 11m 34.9 ± 0.11s, SD1.26 / 21  
 10.66 N ± 1.50km, 92.76 E ± 1.18km, h35 ± 0.35km  
 Andaman Islands region (703)  
 GYA 20.5 38 P 19 16 11.6 -1.1  
 CD2 22.6 25 eP 19 16 35.3 1.4  
 GTA 29.3 11 eP 19 17 36.8 -0.1  
 BJI 35.9 31 eP 19 18 34.0 0.0  
 CN2 43.5 35 eP 19 19 37.2 0.3

SEP 5d 20h 03m 25.2 ± 0.12s, SD1.13 / 68  
 34.50 N ± 1.83km, 26.62 E ± 1.64km, h10 ± 0.36km  
 Crete (370)  
 M<sub>s</sub>5.2 / 9, m<sub>b</sub>5.3 / 4,  
 KSH 39.3 68 eP 20 10 58.0 1.4  
 eS 20 17 03.0 5.4  
 LN M<sub>s</sub>=5.2 14.0 1.50  
 WMQ 47.3 60 P 20 12 02.0 0.5  
 PP 20 13 56.0 4.6  
 S 20 18 55.0 1.7  
 sS 20 19 04.0 0.5  
 LZ M<sub>s</sub>=5.0 18.0 1.38  
 GTA 57.2 62 P 20 13 15.0 -0.8  
 LN M<sub>s</sub>=5.2 15.0 0.86  
 LZ M<sub>s</sub>=4.9 18.0 0.86  
 LZH 61.4 64 eP 20 13 44.0 -0.8  
 PMZ m<sub>b</sub>=5.3 2.0 0.080  
 LZ M<sub>s</sub>=5.0 20.0 1.10  
 CD2 63.5 69 P 20 13 58.2 -0.4  
 S 20 22 31.0 1.7  
 BTO 64.0 57 eP 20 14 03.0 0.8  
 epP 20 14 08.0 0.3  
 eS 20 22 40.0 2.4  
 LN M<sub>s</sub>=5.3 22.0 1.11

LE  
 HHC 65.0 56 +P 20 14 08.0 -0.5  
 S 20 22 50.0 2.1  
 LZ M<sub>s</sub>=5.1 21.0 1.30  
 KMI 65.3 76 eP 20 14 10.0 -0.6  
 LZ M<sub>s</sub>=4.9 20.0 0.80  
 XAN 66.0 64 eP 20 14 14.7 -0.4  
 TIY 67.0 59 eP 20 14 21.0 0.0  
 S 20 23 13.0 1.1  
 LN M<sub>s</sub>=5.0 15.0 0.44  
 LZ M<sub>s</sub>=4.8 24.0 0.67  
 GYA 67.8 72 P 20 14 25.6 -0.7  
 BJI 68.5 56 eP 20 14 30.0 -0.7  
 eS 20 23 32.0 0.2  
 LN M<sub>s</sub>=5.0 12.0 0.33  
 LZ M<sub>s</sub>=4.8 26.0 0.68  
 TIA 71.0 59 eP 20 14 45.1 -0.8  
 WHN 71.7 65 eP 20 14 51.5 1.2  
 SNY 72.5 51 eP 20 14 52.8 -2.4  
 CN2 72.7 49 eP 20 14 55.4 -0.8  
 eS 20 24 20.0 -0.9  
 LN M<sub>s</sub>=5.2 18.0 0.70  
 LZ M<sub>s</sub>=5.2 20.0 1.30  
 DL2 72.8 54 eP 20 14 57.0 0.6  
 QZN 74.0 78 eP 20 15 06.1 2.2  
 eS 20 24 38.0 2.2  
 NJ2 74.3 62 -P 20 15 06.7 1.3  
 eS 20 24 35.0 -3.7  
 LZ M<sub>s</sub>=5.1 12.0 0.61  
 MDJ 74.8 46 eP 20 15 10.5 2.2  
 S 20 24 44.0 1.3  
 LZ M<sub>s</sub>=5.1 24.0 1.20  
 SSE 76.5 62 eP 20 15 15.7 -2.3  
 eS 20 25 03.0 0.0  
 esS 20 25 12.0 -0.1  
 LZ M<sub>s</sub>=4.8 20.0 0.46

SEP 6d 01h 18m 19.1 ± 0.06s, SD1.93 / 13  
 42.05 N ± 0.64km, 83.74 E ± 0.61km, h13 ± 0.21km  
 Southern Xinjiang Province (321)  
 M<sub>L</sub>4.0 / 7,  
 WMQ 3.4 57 Pn 01 19 15.8 3.3  
 Sn 01 19 58.5 3.9  
 Sg 01 20 07.0 1.1  
 SME M<sub>L</sub>=3.9 0.7 0.36  
 GTA 12.5 97 eP 01 21 17.2 -2.5  
 LN 1.0 0.020  
 LE 1.0 0.020  
 TIY 22.4 92 eP 01 23 20.6 1.5

SEP 6d 03h 19m 21.6 ± 0.11s, SD4.37 / 6  
 26.71 N ± 1.17km, 102.55 E ± 0.56km, h5 ± km  
 Sichuan Province (307)  
 M<sub>L</sub>3.1 / 3,  
 GYA 3.7 93 Pn 03 20 21.4 1.6  
 CD2 4.3 14 Pn 03 20 29.0 0.7  
 Sg 03 21 43.2 6.3  
 SMN M<sub>L</sub>=3.1 1.4 0.040  
 SME 0.9 0.020

SEP 6d 07h 09m 34.9 ± 0.09s, SD1.25 / 45  
 47.37 N ± 2.24km, 152.44 E ± 1.22km, h110 ± 0.99km  
 Kurile Islands (221)  
 m<sub>b</sub>5.0 / 3,  
 MDJ 16.1 269 eP 07 13 16.5 0.1  
 CN2 19.2 269 -P 07 13 50.0 -2.8  
 SNY 21.2 265 +iP 07 14 13.3 -0.3  
 DL2 23.9 261 eP 07 14 41.3 1.6







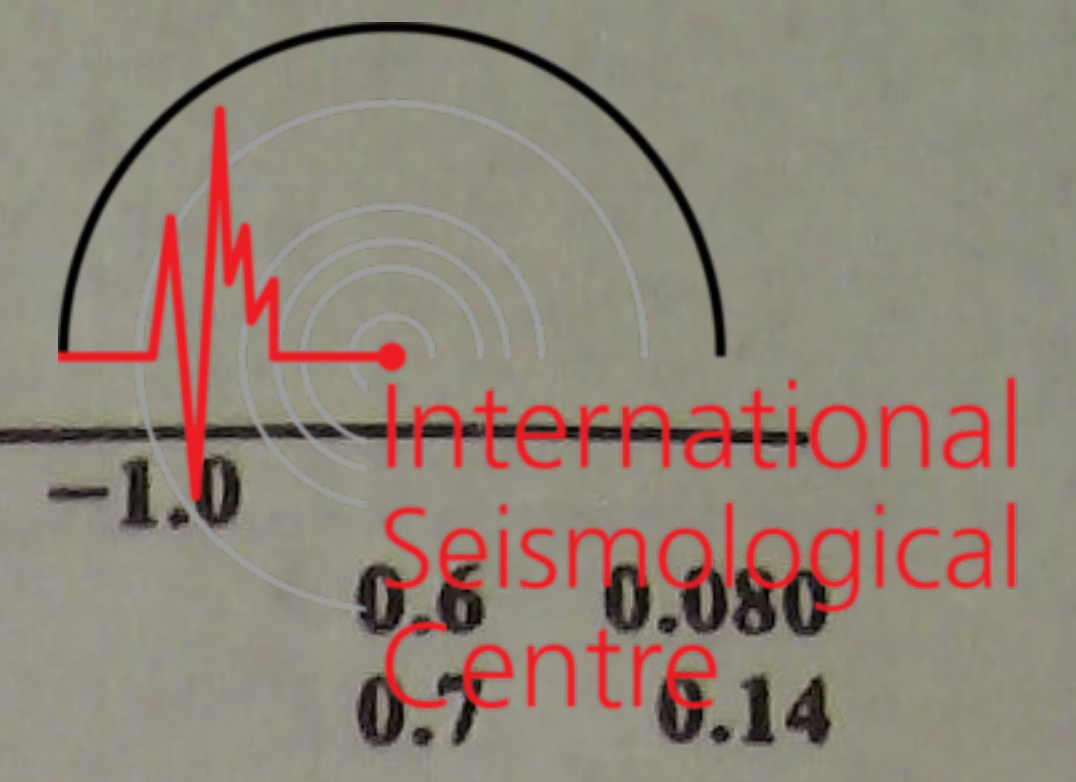
		PMZ	$m_B = 6.5$	8.0	11.0			SMN	$m_B = 6.6$	6.0	11.0
		sP	11 58 34.0	-0.5				ScS	12 08 22.0	3.4	
		iS	11 59 25.0	5.5		QZN	27.3 252	+P	11 58 32.4	0.9	
		SME	$m_B = 6.4$	5.0	55.5			PMZ	$m_B = 6.6$	8.0	13.6
		PcP	12 01 08.0	-3.4				S	12 02 39.0	3.1	
NJ2	15.9 281	ScS	12 07 38.0	2.4		LZH	28.5 291	PcS	12 05 20.0	5.4	
		+P	11 56 45.0	-0.3				P	11 58 41.5	-0.4	
		PMZ	$m_B = 6.8$	8.0	21.8			PMZ	$m_B = 6.7$	1.5	3.86
		sP	11 58 38.0	-2.2				sP	12 01 06.0	3.2	
		S	11 59 28.6	2.1				S	12 02 53.0	-1.1	
SNY	15.9 320	ScP	12 03 58.0	-0.9		CD2	28.9 280	SMN	$m_B = 6.3$	9.0	27.6
		+iP	11 56 46.0	0.5				+iP	11 58 44.7	0.0	
		sP	11 58 38.0	-2.5				sP	12 01 08.7	2.8	
		iS	11 59 30.5	3.0				iS	12 02 59.0	-1.3	
		SMN	$m_B = 6.5$	11.0	105	KMI	31.0 269	-iP	11 59 04.0	0.7	
		SME		11.0	130			pP	12 00 29.0	0.2	
		ScS	12 07 38.0	1.1				PP	12 00 34.0	1.7	
CN2	16.4 328	+iP	11 56 50.8	0.6				sP	12 01 26.0	0.6	
		PMZ	$m_B = 6.8$	4.0	12.3			iS	12 03 32.0	-1.9	
		sP	11 58 46.0	-0.8				SMN	$m_B = 6.2$	9.0	15.3
		S	11 59 35.0	-0.5				ScP	12 04 41.0	2.0	
		SMN	$m_B = 5.9$	7.0	23.7	GTA	31.9 297	+iP	11 59 10.4	-0.5	
QZH	17.5 257	eP	11 57 00.6	0.0				PMZ	$m_B = 6.0$	5.0	2.35
		PMZ	$m_B = 7.1$	7.0	41.3			PP	12 00 40.5	-1.9	
		sP	11 59 00.0	-0.7				sP	12 01 37.5	4.0	
		iS	11 59 58.0	3.3				PcP	12 01 49.0	2.2	
		SME	$m_B = 6.2$	8.0	43.9			S	12 03 44.0	-2.5	
TIA	17.9 294	eP	11 57 05.1	0.4				SMN	$m_B = 6.3$	9.0	17.2
		PMZ	$m_B = 6.5$	7.0	9.60			ScP	12 04 45.0	3.0	
		sP	11 59 06.5	0.4				SS	12 06 30.0	-1.0	
		S	12 00 04.0	2.7		LSA	39.8 281	+P	12 00 19.0	2.4	
		ScP	12 04 02.6	-0.3				PP	12 02 07.0	5.5	
		ScS	12 07 43.1	0.5				iS	12 05 47.5	0.9	
BJI	19.8 305	+P	11 57 22.5	-0.4		WMQ	41.2 303	+P	12 00 28.0	0.1	
		PMZ	$m_B = 6.6$	4.0	5.90			pP	12 02 00.0	1.1	
		esP	11 59 34.0	3.4				PcP	12 02 19.0	3.7	
		eS	12 00 34.0	-0.4				sP	12 02 52.0	-1.5	
WHN	19.8 276	-iP	11 57 24.0	0.6				S	12 06 06.0	0.4	
		PMZ	$m_B = 6.4$	1.0	1.13			ScS	12 09 36.0	2.1	
		sP	11 59 26.0	-5.2		KSH	50.3 298	-P	12 01 39.0	1.0	
		S	12 00 39.0	4.4				pP	12 03 13.0	-0.1	
		SME	$m_B = 6.4$	10.0	79.7			sP	12 04 05.0	-1.7	
TIY	21.9 296	+P	11 57 42.5	-0.1				iS	12 08 16.0	2.3	
		PMZ	$m_B = 6.5$	5.5	7.63			SMN	$m_B = 6.8$	12.0	21.9
		sP	11 59 56.5	-0.1							
		S	12 01 05.5	-3.1							
		SMN	$m_B = 6.1$	10.0	30.6						
		SME		9.0	15.8						
GZH	22.6 257	-iP	11 57 49.0	-0.1							
		PMZ	$m_B = 6.5$	12.0	15.6						
		sP	12 00 04.0	-0.8							
		iS	12 01 22.0	0.8							
HHC	23.4 304	+P	11 57 55.5	-0.6							
		sP	12 00 15.0	2.2							
		S	12 01 32.0	-0.7							
XAN	24.3 286	-P	11 58 03.6	-0.9							
		PMZ	$m_B = 6.7$	4.0	7.90						
		sP	12 00 22.0	-0.3							
		iS	12 01 47.0	-1.7							
		SMN	$m_B = 6.3$	8.0	29.4						
		SME		8.0	14.1						
BTO	24.4 302	P	11 58 05.0	-0.5							
		sP	12 00 25.5	2.2							
		S	12 01 50.0	0.5							
GYA	27.2 269	-P	11 58 30.5	-0.1							
		PMZ		3.0	10.1						
		sP	12 00 52.0	1.2							
		S	12 02 34.0	0.0							

SEP 7d 18h 10m  $24.3 \pm 0.16s$ ,  $SD1.88 / 25$   
 $18.82 S \pm 2.55km$ ,  $169.02 E \pm 3.22km$ ,  $h38 \pm 1.65km$   
 Vanuatu (New Hebrides) (186)

WHN	71.9 312	eP	18 21 46.0	-0.2
CN2	74.0 329	-P	18 21 58.0	-0.5
BJI	76.5 321	eP	18 22 13.0	0.2
TIY	77.4 317	eP	18 22 18.4	0.4
XAN	77.7 313	eP	18 22 17.3	-2.2
KMI	77.9 302	eP	18 22 24.5	3.7
HHC	79.8 319	eP	18 22 33.8	2.7
BTO	80.6 319	eP	18 22 35.2	-0.2
LZH	82.3 312	eP	18 22 45.5	1.1
GTA	86.7 313	eP	18 23 05.0	-1.4

SEP 7d 18h 58m  $21.0 \pm 0.08s$ ,  $SD1.72 / 16$   
 $9.47 S \pm 7.57km$ ,  $160.58 E \pm 9.09km$ ,  $h137 \pm 4.55km$   
 Solomon Islands (193)

WHN	59.6 314	eP	19 08 18.0	4.8
MDJ	60.7 335	eP	19 08 21.0	0.4
CN2	61.9 332	eP	19 08 29.0	0.4
XAN	65.3 314	-P	19 08 49.6	-1.8
CD2	67.6 309	iP	19 09 05.0	-0.9
GTA	74.3 315	+iP	19 09 46.0	-0.2



84.4 316 P	19 10 40.5	0.3							Sg	07 39 05.0	-1.0									
WMQ			SEP 7d 21h 47m 14.6 ± 0.03s, SD1.73 / 7			42.12 N ± 0.27km, 83.58 E ± 0.29km, h15 ± 0.14km			SMN			M <sub>L</sub> = 3.4			0.6	0.080				
			Southern Xinjiang Province			(321)			SME						0.7	0.14				
			M <sub>L</sub> 3.2 / 7,																	
WMQ	3.5	59	Pn	21 48 10.4	1.8				SEP 8d 10h 36m 55.4 ± 0.21s, SD2.28 / 28			24.96 N ± 1.37km, 122.06 E ± 2.12km, h5 ± km			Taiwan					
			Su	21 48 52.2	0.9							(244)			M <sub>S</sub> 3.9 / 6, M <sub>L</sub> 3.7 / 12,					
			Sg	21 49 01.2	-2.2				QZH	3.1	270	ePn	10 37 44.6	-1.3						
			SMN	M <sub>L</sub> = 3.1		0.7	0.040					Sg	10 38 30.3	-3.6						
			SME			0.8	0.070					SMN	M <sub>L</sub> = 3.5		1.0	0.28				
			SEP 8d 00h 32m 33.3 ± 0.07s, SD1.18 / 25			30.23 N ± 1.02km, 137.45 E ± 1.40km, h500 ± 0.95km			SME			LN			M <sub>S</sub> = 3.4					
			South-east of Shikoku			(237)			SSE			6.2			353					
NJ2	16.0	281	eP	00 35 50.5	-3.8							eP	10 38 27.0	-2.4						
WHN	19.9	277	eP	00 36 33.0	0.8							SMN	M <sub>L</sub> = 3.6		1.0	0.020				
GYA	27.3	270	P	00 37 39.0	-0.2							SME				1.0	0.060			
CD2	29.0	280	P	00 37 53.4	-0.1							LN	M <sub>S</sub> = 3.8		10.0	0.56				
			SEP 8d 06h 12m 56.7 ± 0.05s, SD1.91 / 10			42.07 N ± 0.58km, 83.69 E ± 0.54km, h14 ± 0.17km			NJ2			7.6			339					
			Southern Xinjiang Province			(321)			S			10 40 13.2			-3.8					
			M <sub>L</sub> 3.8 / 8,						WHN			8.8			311					
WMQ	3.4	58	+Pn	06 13 53.0	2.8							P	10 39 07.5	1.0						
			Sg	06 14 44.4	0.4							pP	10 39 11.7	1.3						
			SMN	M <sub>L</sub> = 3.8		0.8	0.24					eS	10 40 48.5	1.4						
			SME			0.7	0.35					SMN	M <sub>L</sub> = 4.4		1.5	0.10				
			SEP 8d 06h 26m 00.1 ± 0.15s, SD1.10 / 62			12.67 S ± 1.21km, 166.43 E ± 1.76km, h90 ± 1.21km			SME			LN			M <sub>S</sub> = 3.9					
			Vanuatu (New Hebrides)			(186)			XAN			14.6			311					
			m <sub>b</sub> 5.3 / 4,						BJI			15.8			343					
SSE	61.5	316	+P	06 36 10.0	-0.2							P	10 40 26.9	2.3						
			PMZ	m <sub>b</sub> = 5.3		1.0	0.040					eP	10 40 45.5	4.7						
			LZ			20.0	0.46					P	10 41 00.4	1.8						
NJ2	63.6	316	-P	06 36 25.2	0.6							eP	10 41 24.5	1.6						
QZN	64.0	299	eP	06 36 28.0	0.8							LZ	M <sub>S</sub> = 4.1		40.0	1.64				
			eS	06 45 01.0	5.6							eP	10 42 08.4	-0.3						
WHN	66.0	312	P	06 36 39.0	-0.7							GTA	23.6			313				
MDJ	66.1	332	eP	06 36 36.5	-4.0							SEP 8d 12h 03m 51.0 ± 0.16s, SD2.18 / 22			24.88 N ± 1.17km, 122.07 E ± 2.07km, h12 ± 0.34km					
			S	06 45 26.0	6.8							Taiwan			(244)					
			LZ			28.0	0.80					M <sub>S</sub> 3.6 / 5, M <sub>L</sub> 3.5 / 10,								
DL2	66.2	323	eP	06 36 41.0	0.0							QZH	3.2	272	ePn	12 04 40.8	0.0			
SNY	67.1	326	eP	06 36 46.4	-0.1										Sg	12 05 31.4	1.5			
TIA	67.3	318	eP	06 36 46.8	-1.1										SMN	M <sub>L</sub> = 3.5		1.0	0.22	
CN2	67.5	329	+P	06 36 48.6	-0.6										SME				1.0	0.10
GYA	69.9	304	P	06 37 04.8	0.6										LE	M <sub>S</sub> = 3.5		10.0	0.49	
BJI	70.2	321	eP	06 37 05.5	-0.2										WHN	8.9	311	eP	12 06 02.0	0.0
			eS	06 46 12.0	2.9															
TIY	71.2	317	-P	06 37 12.0	-0.1															
XAN	71.7	312	+iP	06 37 16.4	1.3															
KMI	72.5	302	+P	06 37 21.5	1.3															
HHC	73.5	320	eP	06 37 26.0	0.3															
CD2	74.1	307	P	06 37 29.7	0.4															
BTO	74.3	319	P	06 37 32.0	1.4															
LZH	76.3	312	P	06 37 43.5	1.4															
			PMZ	m <sub>b</sub> = 5.4		2.5	0.16													
			PcP	06 37 54.0	1.2															
GTA	80.7	314	P	06 38 06.2	0.5															
WMQ	90.7	315	P	06 38 55.0	-0.1															
			SEP 8d 07h 37m 19.5 ± 0.08s, SD3.01 / 7			42.21 N ± 0.72km, 83.61 E ± 0.79km, h8 ± 0.38km			SSE			6.2			353					
			Southern Xinjiang Province			(321)			SMN			LN			M <sub>S</sub> = 3.7					
			M <sub>L</sub> 3.6 / 7,						SME			LE			M <sub>S</sub> = 3.5					
WMQ	3.4	61	Pn	07 38 16.0	2.7															
			Su	07 38 56.2	0.4															
			SEP 8d 12h 45m 23.7 ± 0.10s, SD2.63 / 6			40.13 N ± 0.93km, 122.45 E ± 0.89km, h19 ± 0.26km			WHN			8.9			311					
			North-Eastern China			(658)			TIY			15.2			330					
			M <sub>L</sub> 3.0 / 6,						CD2			17.3			294					
DL2	1.4	208	ePg	12 45 47.5	-0.8															
			Sg	12 46 05.0	-2.3															
			SMN	M <sub>L</sub> = 3.2		0.3	0.38													
			SME			0.3	0.28													
SNY	1.9	26	ePg	12 45 58.3	0.9															
			Sg	12 46 23.2	-0.2															
			SMN	M <sub>L</sub> = 3.1		0.5	0.20													
			SME			0.5	0.16													
			SEP 8d 12h 48m 36.7 ± 0.36s, SD1.32 / 51			26.22 S ± 3.36km, 176.03 W ± 7.03km, h32 ± 0.80km			GTA			23.7			313					
			South of Fiji			(171)			SSE			6.2			353					

$m_b 5.5 / 1, m_b 5.6 / 3,$

QZH	81.1	303	eP	13 00 50.8	-0.1			
SSE	82.7	310	P	13 00 59.0	-0.5			
			PMZ	$m_b = 5.1$		1.0	0.020	
QZN	84.8	294	eP	13 01 11.5	1.3			
NJ2	84.9	309	+P	13 01 11.8	1.3			
MDJ	86.2	324	eP	13 01 16.5	-0.5			
DL2	87.1	316	eP	13 01 21.0	-0.3			
WHN	87.3	306	P	13 01 23.0	0.9			
			PMZ	$m_b = 5.8$		1.0	0.090	
SNY	87.7	319	eP	13 01 23.5	-0.8			
CN2	87.9	322	-P	13 01 24.2	-1.0			
TIA	88.4	312	-P	13 01 27.6	-0.2			
GYA	91.0	299	P	13 01 38.0	-2.1			
BJI	91.2	315	eP	13 01 40.5	-0.3			
XAN	93.0	307	eP	13 01 50.1	1.0			
KMI	93.5	296	+P	13 01 53.5	1.8			
CD2	95.4	302	P	13 02 02.3	2.5			
GTA	101.9	308	eP	13 02 31.0	1.2			

SEP 8d 15h 42m  $08.2 \pm 0.23s, SD2.22 / 51$   
 24.76 N  $\pm 1.92km, 121.96 E \pm 2.29km, h8 \pm 0.36km$   
 Taiwan (244)  
 $M_S 4.3 / 22, M_L 4.0 / 13,$

QZH	3.1	274	ePn	15 42 57.6	0.3			
			Sn	15 43 38.4	2.2			
			SMN	$M_L = 4.0$		1.0	0.94	
			SME			0.8	0.33	
			LN	$M_S = 4.1$		5.0	2.88	
			LZ	$M_S = 3.7$		12.0	1.69	
SSE	6.3	354	P	15 43 42.0	-2.5			
			SMN	$M_L = 3.8$		1.0	0.050	
			SME			1.0	0.080	
			LN	$M_S = 3.8$		12.0	1.16	
			LZ	$M_S = 4.1$		12.0	1.81	
NJ2	7.8	340	eP	15 44 04.0	-0.3			
			LN	$M_S = 4.1$		10.0	1.01	
			LE			11.0	0.95	
			LZ	$M_S = 4.6$		12.0	4.56	
GZH	8.1	260	eP	15 44 11.0	2.5			
			S	15 45 38.5	-2.1			
			LN	$M_S = 4.5$		5.0	1.30	
			LE			7.0	1.10	
WHN	8.9	312	eP	15 44 18.0	-1.8			
			sP	15 44 25.5	-1.5			
			SMN	$M_L = 4.5$		1.2	0.090	
			LZ	$M_S = 4.4$		12.0	2.50	
QZN	12.6	245	eP	15 45 11.0	0.0			
			eS	15 47 34.0	1.2			
			LN	$M_S = 4.0$		12.5	0.60	
GYA	13.9	280	eP	15 45 30.4	2.1			
			eS	15 48 07.4	3.2			
			LN	$M_S = 4.5$		12.0	1.00	
			LE			12.0	1.20	
XAN	14.6	312	eP	15 45 38.4	0.6			
			LE	$M_S = 4.3$		10.0	0.70	
TIY	15.3	330	eP	15 45 51.7	5.8			
			LN	$M_S = 4.5$		12.0	1.41	
BJI	16.0	344	eP	15 45 54.5	-0.9			
			LN	$M_S = 4.1$		11.0	0.41	
CD2	17.2	295	eP	15 46 12.2	1.2			
			LN	$M_S = 4.5$		8.0	0.68	
KMI	17.4	275	eP	15 46 19.0	5.0			
HHC	18.2	334	eP	15 46 24.8	0.9			
			eS	15 49 48.0	2.9			
			LN	$M_S = 4.9$		13.0	2.80	
BTO	18.7	331	eP	15 46 29.5	0.2			
			esP	15 46 35.0	-1.9			

			eS	15 49 55.0	-0.2			
			LN	$M_S = 4.6$		12.0	0.94	
			LE			12.0	0.72	
CN2	19.2	8	eP	15 46 35.0	-0.4			
LZH	19.2	310	eP	15 46 37.0	1.0			
			LE	$M_S = 4.2$		13.0	0.50	
			LZ	$M_S = 4.6$		8.0	0.99	
MDJ	20.8	16	eP	15 46 50.5	-1.8			
GTA	23.7	313	eP	15 47 21.7	0.0			
			LE	$M_S = 4.5$		11.0	0.53	
			LZ	$M_S = 4.5$		14.0	0.96	

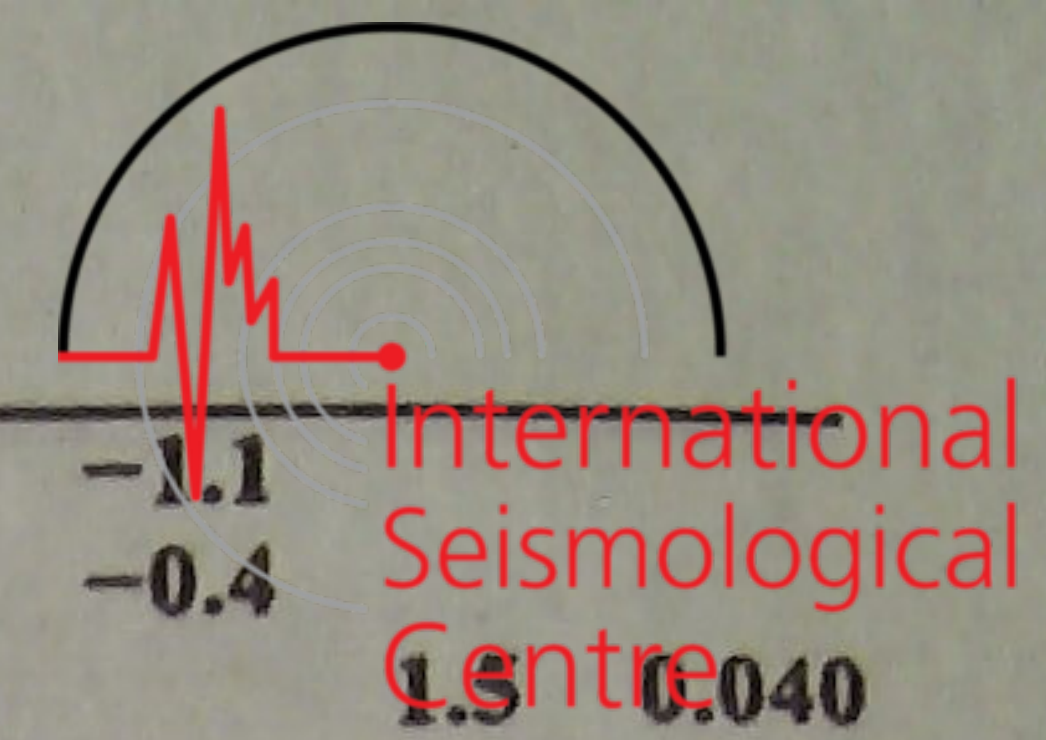
SEP 8d 18h 54m  $42.1 \pm 0.08s, SD1.52 / 60$   
 24.09 N  $\pm 1.24km, 122.36 E \pm 0.82km, h36 \pm 0.93km$   
 Taiwan (244)  
 $M_S 4.3 / 19, M_L 4.2 / 13, m_b 4.6 / 1,$

QZH	3.5	285	eP	18 55 35.7	-0.5			
			S	18 56 15.2	-1.8			
			SMN	$M_L = 4.1$		1.0	0.79	
			SME			0.8	0.33	
			LN			2.0	2.17	
			LZ	$M_S = 3.8$		14.0	2.01	
SSE	7.1	352	P	18 56 24.2	-1.6			
			eS	18 57 51.5	6.0			
			SMN	$M_L = 4.0$		1.0	0.050	
			SME			1.0	0.080	
			LN	$M_S = 4.0$		12.0	1.44	
			LZ	$M_S = 4.2$		12.0	1.81	
GZH	8.3	265	eP	18 56 42.5	-1.1			
			S	18 58 10.0	-7.1			
			LN	$M_S = 4.5$		4.0	1.30	
NJ2	8.5	339	+P	18 56 44.5	-1.7			
			S	18 58 19.0	-2.7			
			LN	$M_S = 4.1$		11.0	0.63	
			LE			10.0	0.87	
			LZ	$M_S = 4.6$		12.0	4.25	
WHN	9.6	314	eP	18 57 01.6	0.5			
			pP	18 57 08.5	0.5			
			LN	$M_S = 4.3$		11.0	1.10	
			LE			12.0	1.22	
GYA	14.4	283	P	18 58 07.0	1.2			
			pP	18 58 14.4	1.3			
			S	19 00 44.6	0.1			
			LN	$M_S = 4.6$		10.0	1.00	
			LE			10.0	1.10	
DL2	14.8	358	eP	18 58 10.0	-0.7			
XAN	15.4	313	eP	18 58 19.2	0.9			
			pP	18 58 23.7	-2.1			
			LE	$M_S = 4.2$		10.0	0.50	
TIY	16.0	330	-P	18 58 29.4	2.6			
			LN	$M_S = 4.4$		13.0	1.12	
BJI	16.7	343	eP	18 58 35.5	-0.2			
			LN	$M_S = 4.1$		12.0	0.46	
SNY	17.7	3	eP	18 58 49.6	1.6			
			eS	19 02 02.0	0.0			
			LZ	$M_S = 4.2$		14.0	0.83	
CD2	17.8	296	P	18 58 47.8	-1.8			
KMI	17.9	277	eP	18 58 54.0	3.8			
			LE	$M_S = 4.4$		12.0	0.80	
			LZ	$M_S = 4.2$		16.0	0.90	
HHC	19.0	334	eP	18 59 04.4	0.4			
BTO	19.5	331	eP	18 59 08.0	-0.9			
			pP	18 59 16.0	-1.0			
			eS	19 02 39.0	-2.2			
			LN	$M_S = 4.7$		13.0	1.18	
			LE			13.0	0.82	
CN2	19.8	7	eP	18 59 12.5	-0.4			
			eS	19 02 50.0	0.7			



SEP 8d 21h 10m 22.5±0.03s, SD1.69 / 6							SEP 8d 21h 42m 34.0±0.17s, SD2.66 / 20							SEP 8d 23h 45m 43.1±0.06s, SD0.77 / 43							SEP 9d 09h 31m 25.5±0.16s, SD1.90 / 78																							
42.13 N±0.33km, 83.63 E±0.31km, h13±0.17km							24.77 N±1.81km, 121.97 E±1.02km, h14±1.44km							24.53 N±0.91km, 65.87 E±0.97km, h10±0.11km							19.29 N±2.06km, 121.12 E±2.08km, h18±0.45km																							
Southern Xinjiang Province (321)							Taiwan (244)							Near coast of Pakistan (356)							Luzon (249)																							
M <sub>L</sub> 3.1 / 5,							M <sub>S</sub> 3.7 / 5, M <sub>L</sub> 3.5 / 9,							M <sub>S</sub> 4.5 / 4,							M <sub>S</sub> 4.6 / 32, M <sub>L</sub> 4.2 / 6, m <sub>B</sub> 5.4 / 2,																							
WMQ	3.4	59	ePn	21 11	18.0	1.8	QZH	3.1	274	+iPn	21 43	21.7	-0.9	KSH	17.2	27	eP	23 49	45.0	-0.4	LZH	20.0	311	eP	18 59	15.0	0.5	QZH	6.1	338	eP	09 32	52.5	-4.7										
			Pg	21 11	23.5	0.4				Sg	21 44	11.3	0.9				pP	23 49	53.0	3.2				PMZ							S	09 34	01.7	-5.4										
			Sg	21 12	08.6	-1.4				SMN		M <sub>L</sub> =3.4	0.9	0.20				S	23 52	53.0	-1.7				LZ							SMN		M <sub>L</sub> =4.2	0.8	0.13								
										SME			0.8	0.070				LN		M <sub>S</sub> =4.6	14.0	1.50				SME							SME							LN		M <sub>S</sub> =4.0	10.0	1.43
										LN		M <sub>S</sub> =3.5	5.0	0.86				LN		M <sub>S</sub> =4.4	14.0	1.60				LN		M <sub>S</sub> =4.2	12.0	0.54				LN		M <sub>S</sub> =4.6	18.0	3.80						
										LN		M <sub>S</sub> =3.7	10.0	0.35				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.6	18.0	3.80				LN		M <sub>S</sub> =4.4	14.0	1.60						
										LE			10.0	0.33																														

		SME	$m_B = 5.2$	7.0	0.70			epP	18 35 37.0	3.2		
		LN	$M_S = 4.8$	17.0	1.50			eS	18 43 17.0	-1.8		
		LE		18.0	0.90	LZH	61.2 316	P	18 35 25.5	0.4		
		LZ	$M_S = 4.6$	16.0	1.80			PMZ	$m_b = 5.4$		2.0	0.11
HHC	23.0 341	eP	09 36 33.6	2.7				LZ	$M_S = 4.3$		22.0	0.27
		sP	09 36 42.5	2.1				GTA	65.6 317	+iP	18 35 54.4	0.3
		LN	$M_S = 4.7$	15.0	1.00	WMQ	75.7 317	+P	18 36 55.1	0.2		
		LE		15.0	0.60	KSH	82.9 311	eP	18 37 37.0	2.7		
		LZ	$M_S = 4.8$	18.0	2.80							
BTO	23.3 338	P	09 36 36.0	2.4				SEP 9d 21h 12m $34.9 \pm 0.18s$ , SD1.41 / 71				
		S	09 40 46.0	5.6				36.67 N $\pm 1.57km$ , 71.37 E $\pm 2.04km$ , h90 $\pm 0.69km$				
		LN	$M_S = 4.8$	17.0	1.35			Hindu Kush region (718)				
		LE		17.0	1.18			$m_B 5.0 / 1$ , $m_b 5.2 / 5$ ,				
CN2	24.7 8	eP	09 36 47.4	0.0		KSH	4.6 50	P	21 13 45.0	1.4		
MDJ	26.2 14	eP	09 37 01.0	-0.7				S	21 14 39.0	3.3		
		S	09 41 30.0	-0.3				LN			5.0	15.6
		LZ	$M_S = 4.8$	20.0	2.70	WMQ	14.4 55	P	21 15 53.4	-1.9		
GTA	27.2 322	eP	09 37 10.4	-0.5				LN			4.0	1.13
		eS	09 41 50.0	2.5				LE			4.0	0.92
		LE	$M_S = 4.5$	12.0	0.53			LZ			8.0	0.89
		LZ	$M_S = 4.6$	16.0	1.20	LSA	17.9 107	P	21 16 38.6	-2.0		
WMQ	37.1 319	P	09 38 38.0	0.4				sP	21 17 04.0	-3.4		
		S	09 44 26.0	4.1				GTA	22.5 74	P	21 17 29.0	0.6
		LZ	$M_S = 4.9$	16.0	1.65			eS	21 21 28.5	3.4		
KSH	43.7 307	eP	09 39 34.0	2.0				LN			8.0	0.35
		eS	09 46 06.0	4.8				LZH	26.1 81	P	21 18 03.5	1.0
								PMZ	$m_b = 5.4$		2.0	0.19
								pP	21 18 20.0	-2.0		
								eS	21 22 29.0	3.5		
								SME	$m_B = 5.0$		9.0	0.45
						CD2	27.4 93	P	21 18 14.8	0.1		
								pP	21 18 37.0	2.4		
								eS	21 22 50.0	2.7		
								LE			8.6	0.62
						KMI	29.2 104	eP	21 18 29.0	-1.2		
								pP	21 18 51.0	0.9		
								eS	21 23 15.0	0.1		
								LN			6.0	0.30
						BTO	30.3 71	P	21 18 40.0	-0.2		
								epP	21 19 03.0	2.7		
								eS	21 23 32.0	-0.6		
								LN			13.0	0.38
								LE			13.0	0.44
						XAN	30.6 84	eP	21 18 42.4	-0.6		
						HHC	31.4 70	eP	21 18 52.2	2.0		
						GYA	31.6 99	P	21 18 51.0	-0.7		
								pP	21 19 14.0	2.1		
								sP	21 19 24.0	1.0		
								S	21 23 52.0	-0.1		
						TIY	32.6 76	eP	21 19 00.5	0.5		
								sP	21 19 30.0	-1.3		
								S	21 24 09.0	2.0		
								LN			11.0	0.25
						BJI	35.0 71	-P	21 19 22.0	0.9		
								eS	21 24 50.0	3.9		
						WHN	36.1 87	-P	21 19 30.5	0.4		
								PMZ	$m_b = 5.2$		1.5	0.060
								pP	21 19 53.5	2.5		
								eS	21 25 04.0	1.5		
								LN			10.0	0.31
								LE			8.0	0.20
						TIA	36.5 77	-P	21 19 35.3	1.3		
						QZN	38.0 107	eP	21 19 45.0	-1.0		
								eS	21 25 29.0	-2.4		
						GZH	38.5 99	-P	21 19 47.4	-3.1		
						NJ2	39.2 82	-P	21 19 56.8	1.0		
								ScP	21 25 42.8	0.4		
						DL2	39.4 71	P	21 19 59.0	1.4		



		S	21 25	54.0	2.5					BTO	54.8	327	eP	10 18	56.0	-1.1			
		sS	21 26	34.0	5.3					LZH	55.6	319	eP	10 19	02.5	-0.4			
SNY	40.2	66	eP	21 20	04.2	-0.6							PMZ		$m_b = 5.1$				
SSE	41.4	83	+P	21 20	14.5	0.6							LZ		$M_s = 4.2$	40.0	0.41		
		PMZ			$m_b = 5.2$		1.0	0.040		GTA	60.1	320	eP	10 19	33.4	-1.2			
		pP	21 20	37.0	2.1					WMQ	70.1	319	P	10 20	39.0	-0.3			
		S	21 26	20.0	-0.9					SEP 10d 15h 19m $15.4 \pm 0.10s$ , SD1.65 / 21									
		sS	21 27	00.0	1.7					36.13 N $\pm 1.39km$ , 70.60 E $\pm 1.47km$ , h104 $\pm 0.24km$									
		LN					14.0	0.38		Hindu Kush region (718)									
QZH	41.8	93	eP	21 20	18.0	0.2				KSH	5.4	50	eP	15 20	37.0	1.8			
MDJ	44.1	61	eP	21 20	37.0	1.0							S	15 21	42.0	5.7			
SEP 9d 23h 07m $47.4 \pm 0.25s$ , SD1.64 / 67										WMQ	15.2	54	P	15 22	43.5	-2.0			
7.08 S $\pm 3.79km$ , 81.40 W $\pm 3.70km$ , h28 $\pm 2.08km$													pP	15 22	53.5	-4.7			
Off coast of Northern Peru (108)													eS	15 25	30.5	-0.8			
$m_b 5.8 / 1$ ,										LSA	18.4	105	P	15 23	26.1	0.8			
MDJ	133.9	329	ePKP	23 27	02.2	-1.0				GTA	23.3	73	P	15 24	17.2	2.4			
			PP	23 29	36.0	-0.2				SEP 10d 21h 23m $56.4 \pm 0.12s$ , SD1.05 / 29									
CN2	136.5	332	-PKP	23 27	06.2	-1.8				6.58 S $\pm 0.94km$ , 147.46 E $\pm 1.26km$ , h38 $\pm 1.07km$									
SNY	138.9	331	ePKP	23 27	11.6	-0.8				Eastern New Guinea region (207)									
KSH	141.8	29	PKP	23 27	17.0	-0.7				$M_s 4.8 / 1$ ,									
			PP	23 30	29.0	4.2				KMI	53.7	308	eP	21 33	19.5	1.8			
DL2	142.1	330	ePKP	23 27	12.9	-5.1				XAN	54.4	320	-P	21 33	21.8	-0.9			
WMQ	142.2	13	PKP	23 27	13.0	-5.3				BJI	54.6	331	eP	21 33	23.5	-0.6			
			PP	23 30	23.0	-4.0							LZ		$M_s = 4.3$	22.0	0.31		
BJI	143.6	337	+iPKP	23 27	17.0	-3.5				TIY	54.8	326	eP	21 33	26.0	0.2			
HHC	144.4	343	ePKP	23 27	21.0	-1.2							eS	21 41	09.0	6.2			
BTO	145.1	345	-iPKP	23 27	22.0	-1.4				BTO	58.2	327	eP	21 33	49.0	-0.9			
TIA	146.4	332	-PKP	23 27	25.6	0.1							LN		$M_s = 4.8$	17.0	0.46		
TIY	147.0	340	ePKP	23 27	27.0	0.4							epP	21 33	59.0	-1.2			
GTA	147.8	358	-iPKP	23 27	28.0	0.1				LZH	58.9	319	eP	21 33	55.5	0.4			
SSE	148.1	321	-PKP	23 27	29.0	0.8				GTA	63.5	320	eP	21 34	25.4	-0.3			
			PKP2	23 27	32.0	-3.1							P	21 35	28.0	0.1			
NJ2	148.8	325	-PKP	23 27	29.2	-0.1				SEP 10d 21h 38m $10.5 \pm 0.21s$ , SD3.08 / 20									
LZH	150.7	351	PKP	23 27	34.0	1.4				54.25 S $\pm 6.98km$ , 133.56 W $\pm 3.99km$ , h4 $\pm 1.12km$									
XAN	151.5	342	-iPKP	23 27	34.1	0.5				South Pacific Cordillera (691)									
WHN	152.4	330	PKP	23 27	36.0	1.2				$M_s 5.6 / 1$ ,									
QZH	153.9	315	ePKP	23 27	38.0	1.1				TIY	133.0	278	ePKP	21 57	28.5	-0.3			
CD2	155.8	349	PKP	23 27	40.3	0.8							LN		$M_s = 5.6$	18.0	0.73		
GYA	159.3	339	PKP	23 27	44.0	0.0				GTA	141.6	270	ePKP	21 57	40.8	-3.6			
			PKP2	23 28	21.8	-0.4							LZ		$M_s = 5.6$	22.0	1.17		
			pPKP2	23 28	33.0					WMQ	151.4	266	PKP	21 58	01.6	1.0			
			PP	23 32	03.4	-0.8							ePP	22 01	42.5	-5.4			
KMI	161.6	348	-PKP	23 27	48.0	1.4							LZ		$M_s = 5.7$	28.0	1.41		
			pPKP	23 27	58.0	3.5				KSH	155.3	246	ePKP	21 58	11.0	5.0			
			PP	23 32	19.0	1.9				SEP 11d 01h 05m $35.5 \pm 0.37s$ , SD1.88 / 41									
			PPMZ		$m_b = 5.8$		6.0	0.50		14.75 N $\pm 4.05km$ , 92.51 W $\pm 2.80km$ , h68 $\pm 3.22km$									
QZN	163.9	318	PKP	23 27	50.0	1.4				Near coast of Chiapas, Mexico (69)									
			pPKP	23 28	01.0	4.2				BJI	119.3	335	ePKP	01 24	19.5	1.4			
			PKP2	23 28	43.0	0.9							LZ		$M_s = 5.0$	24.0	0.45		
			PP	23 32	31.0	1.9				HHC	120.4	339	ePKP	01 24	23.2	2.9			
SEP 10d 10h 09m $32.7 \pm 0.18s$ , SD2.22 / 39										BTO	121.1	340	ePKP	01 24	24.4	2.6			
3.59 S $\pm 2.37km$ , 145.73 E $\pm 2.48km$ , h81 $\pm 0.66km$										WMQ	121.7	360	ePKP	01 24	22.0	-0.9			
Near north coast of New Guinea (200)										TIA	122.1	332	ePKP	01 24	22.2	-1.4			
$M_s 4.8 / 2$ , $m_b 5.1 / 1$ ,										TIY	122.8	337	+PKP	01 24	27.2	2.2			
QZN	41.9	304	eP	10 17	21.4	4.6							LZ		$M_s = 5.4$	20.0	0.87		
WHN	45.3	321	eP	10 17	44.5	0.0				SSE	124.1	325	ePKP	01 24	29.7	2.3			
			LZ		$M_s = 4.5$		20.0	0.64		NJ2	124.6	328	-PKP	01 24	30.2	1.8			
GYA	48.2	311	P	10 18	12.0	4.7				GTA	124.9	348	PKP	01 24	30.2	1.0			
MDJ	50.1	345	eP	10 18	23.0	0.7				KSH	125.0	11	PKP	01 24	31.0	1.8			
KMI	50.5	307	+P	10 18	26.0	0.3				LZH	127.1	343	ePKP	01 24	32.5	-1.0			
			LZ		$M_s = 4.3$		25.0	0.40		XAN	127.4	338	PKP	01 24	32.8	-1.0			
XAN	51.0	320	eP	10 18	26.2	-3.0				WHN	128.1	330	ePKP	01 24	34.0	-1.1			
TIY	51.4	326	eP	10 18	37.0	4.9				CD2	132.0	341	ePKP	01 24	41.9	-0.8			
			LN		$M_s = 4.8$		12.0	0.35											
CD2	52.7	314	P	10 18	40.6	-1.2													
HHC	54.1	328	eP	10 18	51.5	-0.9													







NJ2	33.8 347	PcS	11 57 54.6	0.9			MDJ	45.5 2	eP	11 53 07.5	-0.8				
		LN		$M_S=5.0$	16.0	1.10			pP	11 53 17.0	-2.2				
		LE			16.0	1.00			S	11 59 45.0	-0.4				
		+P	11 51 31.6	0.2					LZ		$M_S=5.0$	30.0	2.80		
		pP	11 51 42.5	0.3				GTA	47.4 331	P	11 53 23.2	-0.2			
		S	11 56 56.5	5.9					PcS	11 58 48.6	1.6				
		ScP	11 57 51.0	1.7					S	12 00 15.5	3.1				
KMI	35.1 319	LN		$M_S=4.8$	8.0	0.30			LE		$M_S=5.0$	14.0	0.70		
		LE			9.0	0.32			LZ		$M_S=5.0$	16.0	1.44		
		LZ		$M_S=5.0$	10.0	1.29		WMQ	56.8 327	+P	11 54 33.4	-0.8			
		+P	11 51 44.0	1.1					PcS	11 59 27.0	-0.7				
		pP	11 51 55.0	1.6					S	12 02 22.0	0.3				
		S	11 57 10.0	-0.7					LZ		$M_S=4.9$	23.0	1.17		
		sS	11 57 30.0	0.2				KSH	61.7 317	eP	11 55 08.5	0.4			
TIA	38.2 347	LE		$M_S=5.0$	9.0	0.70			eS	12 03 25.0	-1.7				
		LZ		$M_S=4.7$	20.0	1.50			LN		$M_S=5.0$	12.0	0.40		
		eP	11 52 08.4	-0.2				SEP 12d 13h 06m $53.3 \pm 0.13s$ , SD1.65 / 32 16.58 S $\pm 2.60km$ , 172.96 E $\pm 3.56km$ , h37 $\pm 0.56km$ Vanuatu (New Hebrides) region (185)							
		eS	11 57 54.5	-4.4				NJ2	70.9 313	eP	13 18 09.0	-0.1			
CD2	38.7 327	LN		$M_S=4.8$	11.0	0.38			MDJ	72.6 329	eP	13 18 18.0	-1.3		
		LE			11.0	0.31			WHN	73.3 310	eP	13 18 23.5	0.0		
		eP	11 52 12.7	-0.6				CN2	74.1 326	P	13 18 27.0	-1.5			
XAN	38.8 336	S	11 58 09.0	2.6				BJI	77.2 319	eP	13 18 45.0	-1.0			
		LN		$M_S=5.2$	10.0	1.09			TIY	78.4 315	eP	13 18 53.1	0.5		
		eP	11 52 13.4	-0.6				XAN	79.0 310	eP	13 18 56.8	0.7			
DL2	40.0 353	pP	11 52 22.5	-2.3				KMI	80.0 300	eP	13 19 03.5	2.2			
		S	11 58 07.2	-0.6				LZH	83.7 310	eP	13 19 22.5	2.0			
		eP	11 52 27.0	3.0				GTA	87.9 312	eP	13 19 41.0	-0.5			
TIY	40.9 342	eS	11 58 29.0	2.2				SEP 12d 18h 16m $55.6 \pm 0.12s$ , SD3.22 / 14 30.42 N $\pm 1.03km$ , 103.15 E $\pm 0.99km$ , h9 $\pm 0.43km$ Sichuan Province (307) $M_L 3.4 / 7$ ,							
		LN		$M_S=4.9$	11.0	0.61		CD2	0.7 46	ePg	18 17 09.1	0.7			
		LZ		$M_S=4.6$	22.0	0.90			Sg	18 17 19.7	1.5				
		+P	11 52 31.0	0.2					SMN		$M_L=2.9$	0.9	0.44		
BJI	42.1 347	PMZ		$m_b=5.6$	0.8	0.080			SME			0.8	0.47		
		S	11 58 38.5	0.5				GYA	5.0 141	Pn	18 18 13.8	2.3			
		LN		$M_S=5.0$	11.0	0.63			XAN	6.1 52	ePn	18 18 24.1	-2.0		
		LE			11.0	0.50				Pg	18 18 48.3	5.4			
		eP	11 52 40.5	-0.2					Sn	18 19 33.3	-4.6				
		PMZ		$m_B=5.3$	8.0	0.42			Sg	18 20 06.6	0.6				
		epP	11 52 51.0	-0.5					SMN		$M_L=3.7$	1.2	0.070		
SNY	42.8 356	ePcS	11 58 26.0	0.8					SME			1.0	0.030		
		eS	11 58 54.0	-2.8				SEP 12d 20h 19m $14.8 \pm 0.11s$ , SD1.57 / 28 66.60 N $\pm 1.68km$ , 18.04 W $\pm 1.87km$ , h10 $\pm 0.20km$ Iceland region (637) $M_S 5.0 / 1$ , $m_b 5.1 / 1$ ,							
		esS	11 59 12.0	-3.2				WMQ	56.4 57	P	20 28 59.0	-0.1			
		LZ		$M_S=4.4$	26.0	0.74			eS	20 36 52.0	3.7				
		-P	11 52 45.4	-1.0					LZ		$M_S=4.8$	20.0	0.87		
		PP	11 54 28.0	-0.2				GTA	64.2 50	eP	20 29 51.4	-1.5			
		S	11 59 04.0	-2.1				MDJ	66.4 25	eP	20 30 05.0	-1.7			
LZH	42.8 332	LN		$M_S=5.1$	18.0	1.30		CN2	66.4 28	eP	20 30 08.0	0.9			
		LZ		$M_S=4.9$	19.0	1.56		BJI	68.1 36	eP	20 30 16.5	-0.9			
		eP	11 52 45.5	-1.4			LZH	68.5 48	eP	20 30 23.5	3.3				
		PMZ		$m_b=5.8$	1.5	0.22			PMZ		$m_b=5.1$	2.5	0.060		
HHC	44.0 343	PcS	11 58 28.0	-0.2				LZ		$M_S=4.7$	20.0	0.50			
		eS	11 59 06.0	-2.0				GYA	78.3 49	P	20 31 20.2	2.4			
		SMN		$m_B=5.7$	9.0	1.24		SEP 13d 00h 58m $46.6 \pm 0.12s$ , SD0.82 / 89 29.96 N $\pm 0.98km$ , 138.48 E $\pm 1.60km$ , h448 $\pm 0.18km$ South of Honshu (211) $m_B 5.7 / 35$ , $m_b 5.9 / 21$ ,							
		LN		$M_S=5.0$	11.0	0.61		SSE	14.9 279	-iP	01 01 57.0	-1.8			
		LZ		$M_S=4.7$	26.0	1.30									
		-P	11 52 59.0	2.4											
		PP	11 54 44.0	3.5											
BTO	44.3 341	S	11 59 30.5	6.3											
		LN		$M_S=4.9$	10.0	0.50									
		eP	11 52 59.0	0.4											
		pP	11 53 10.0	0.6											
CN2	44.6 358	PP	11 54 44.0	1.0											
		LN		$M_S=5.0$	13.0	0.54									
		LE			13.0	0.49									
		eP	11 53 01.5	-0.1											

		PMZ	$m_b = 6.1$	0.8	0.35			S	01 07 33.0	0.1		
		S	01 04 36.0	2.8		QZN	28.2 254	-P	01 04 04.0	1.0		
		SMN	$m_B = 5.2$	9.0	1.65			PMZ	$m_B = 5.4$	7.0	1.20	
		SME		8.0	3.07			sP	01 06 14.0	1.4		
MDJ	16.2 337	-iP	01 02 12.4	0.6				S	01 08 18.0	2.3		
		sP	01 03 55.0	-3.7		GYA	28.2 271	-P	01 04 03.4	-0.1		
		iS	01 05 00.0	2.2				sP	01 06 12.0	-1.0		
		SME	$m_B = 5.8$	8.0	11.5			S	01 08 16.0	-0.3		
DL2	16.5 307	-iP	01 02 14.0	-0.4				ScS	01 13 54.2	0.8		
		PMZ	$m_B = 5.5$	10.0	1.75	LZH	29.6 291	-iP	01 04 15.0	-0.4		
		esP	01 04 03.0	0.8				PMZ	$m_b = 6.2$	1.0	1.10	
		S	01 05 07.0	4.9				S	01 08 36.0	-1.6		
		ScS	01 13 08.0	-1.1				SME	$m_B = 5.3$	11.0	2.24	
SNY	16.9 319	-iP	01 02 19.0	0.7		CD2	29.9 281	-iP	01 04 18.0	0.0		
		PMZ	$m_B = 5.7$	12.0	3.02			pP	01 05 42.0	4.3		
		sP	01 04 12.0	4.8				iS	01 08 40.0	-3.4		
		iS	01 05 11.0	1.3		KMI	32.0 270	-P	01 04 37.0	0.9		
		ScS	01 13 10.0	-0.2				PMZ	$m_B = 5.8$	4.0	1.80	
NJ2	17.0 282	-iP	01 02 19.0	0.0				PP	01 06 06.0	0.9		
		PMZ	$m_B = 6.0$	6.0	2.91	GTA	32.9 297	-iP	01 04 44.0	-0.3		
		ScP	01 09 32.0	0.4				S	01 09 17.0	2.2		
		S	01 05 15.5	5.1				PMZ	$m_b = 6.1$	2.0	1.71	
CN2	17.3 327	-iP	01 02 23.0	0.8				PP	01 06 13.0	-3.1		
		PMZ	$m_B = 6.0$	5.0	2.70			S	01 09 27.5	-2.4		
		sP	01 04 17.0	4.6				ScP	01 10 17.6	1.3		
		S	01 05 20.0	3.8				SS	01 12 10.5	-3.2		
		ScP	01 09 31.0	-1.3		LSA	40.8 282	P	01 05 51.4	1.6		
		ScS	01 13 10.0	-1.4		WMQ	42.3 304	-iP	01 06 01.0	0.0		
QZH	18.3 259	-iP	01 02 33.0	0.2				PMZ	$m_b = 5.8$	2.0	0.86	
		PMZ	$m_B = 6.0$	6.0	3.30			ScP	01 10 52.0	0.7		
		S	01 05 35.0	0.0				iS	01 11 47.3	-2.0		
		SMN	$m_B = 5.6$	9.0	5.54			ScS	01 15 10.0	-0.4		
TIA	18.9 295	-P	01 02 38.7	0.1		KSH	51.4 299	P	01 07 12.0	1.1		
		PMZ	$m_B = 6.0$	6.0	3.08			pP	01 08 41.0	1.9		
		SMN	$m_B = 5.6$	9.0	1.85			S	01 13 57.0	2.4		
		SME		9.0	5.28			SME	$m_B = 5.8$	8.0	1.20	
		ScP	01 09 35.7	-0.1								
		ScS	01 13 16.0	-0.5								
BJI	20.8 305	-P	01 02 56.0	-0.5								
		PMZ	$m_B = 5.8$	6.0	2.20							
		esP	01 04 58.0	0.5								
		eS	01 06 16.0	-2.0								
		eScP	01 09 40.0	-0.2								
		ScS	01 13 23.0	0.1								
WHN	20.8 278	-iP	01 02 58.2	1.3								
		PMZ	$m_b = 5.4$	1.0	0.13							
		sP	01 05 00.0	2.0								
		SME	$m_B = 5.6$	8.0	4.50							
		iScP	01 09 41.0	0.7								
TIY	22.9 297	-iP	01 03 16.6	0.3								
		PMZ	$m_b = 6.0$	0.7	0.37							
		sP	01 05 26.0	4.4								
		S	01 06 53.0	0.6								
		ScS	01 13 30.0	-0.8								
GZH	23.5 259	-iP	01 03 21.1	-0.1								
		PMZ	$m_B = 5.5$	8.0	1.26							
		sP	01 05 27.0	-0.3								
		S	01 07 03.0	1.6								
HHC	24.4 304	-iP	01 03 30.2	0.6								
		sP	01 05 35.5	-0.8								
		PcP	01 06 55.5	1.1								
		S	01 07 18.0	2.0								
XAN	25.3 287	-iP	01 03 38.2	0.1								
		PMZ	$m_B = 5.8$	4.0	1.44							
		sP	01 05 44.1	-1.7								
		S	01 07 31.1	-0.3								
BTO	25.4 302	-iP	01 03 39.0	0.0								
		sP	01 05 47.0	0.3								

SEP 13d 19h 45m  $28.9 \pm 0.29s$ , SD0.85 / 28  
 $13.70 N \pm 1.70km$ ,  $90.87 W \pm 0.73km$ ,  $h52 \pm 2.53km$   
 Near coast of Guatemala (71)

BJI	120.9 336	ePKP	20 04 17.5	1.1
HHC	121.9 340	ePKP	20 04 17.6	-0.8
BTO	122.6 341	ePKP	20 04 21.4	1.5
WMQ	122.8 1	ePKP	20 04 20.0	-0.1
TIA	123.8 333	ePKP	20 04 22.6	0.6
TIY	124.4 338	ePKP	20 04 23.5	0.3
SSE	125.9 326	ePKP	20 04 26.5	0.6
GTA	126.2 350	ePKP	20 04 26.5	-0.4
NJ2	126.3 328	ePKP	20 04 27.0	0.1
LZH	128.6 345	ePKP	20 04 31.0	-0.4
WHN	129.8 331	ePKP	20 04 35.0	1.5
GYA	136.6 337	PKP	20 04 48.4	1.9

SEP 13d 20h 09m  $23.0 \pm 0.09s$ , SD0.76 / 21  
 $54.36 N \pm 1.81km$ ,  $161.93 W \pm 1.00km$ ,  $h31 \pm 0.13km$   
 South of Alaska (17)  
 $m_b 4.7 / 1$ ,

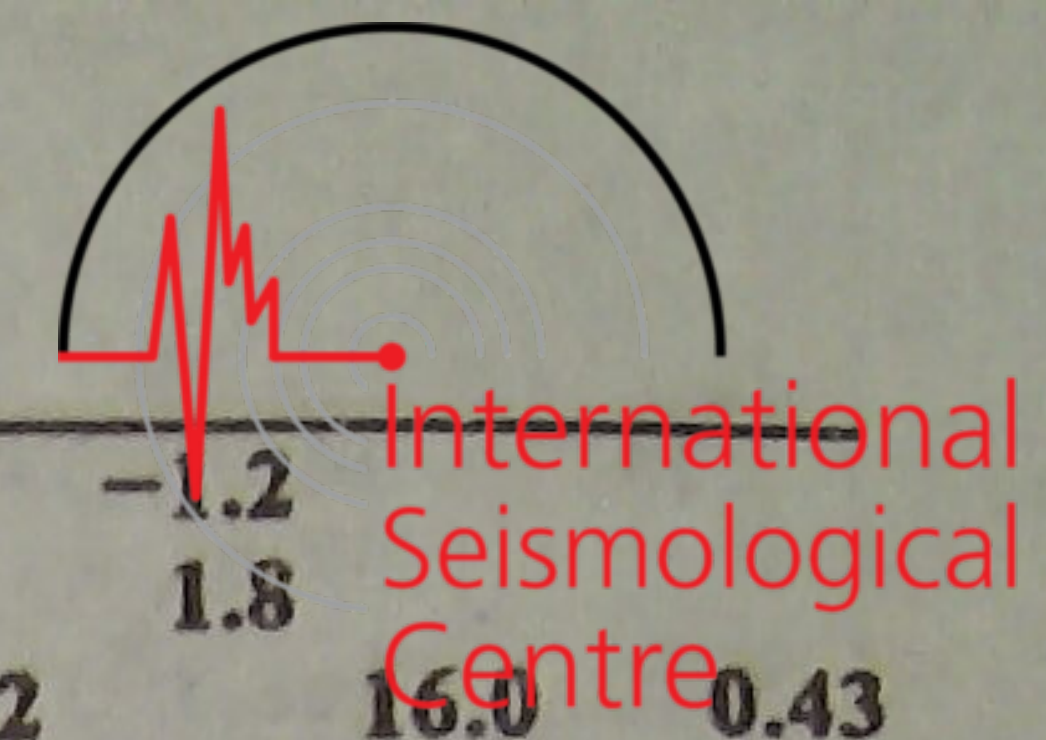
SSE	58.0 280	eP	20 19 15.5	0.1
NJ2	58.6 282	eP	20 19 19.0	-0.8
WHN	62.3 284	eP	20 19 45.0	0.0
GTA	63.4 301	P	20 19 52.0	-0.7
LZH	63.9 296	eP	20 19 55.5	-0.2
CD2	67.9 292	eP	20 20 21.4	0.2
GYA	69.7 287	P	20 20 34.0	1.2

SEP 14d 03h 59m  $58.9 \pm 0.09s$ , SD1.18 / 82  
 $49.85 N \pm 1.21km$ ,  $78.87 E \pm 1.41km$ ,  $h13 \pm 0.35km$   
 Eastern Kazakhstan (329)

$M_S 5.0 / 20, m_b 5.5 / 1, m_b 5.8 / 12,$															
WMQ	8.5	132	+iP	04 02 04.5	-1.1			QZN	39.5	130	+P	04 07 31.5	0.5		
			LZ		$M_S = 5.2$	8.0	11.2				eS	04 13 35.0	2.3		
KSH	10.5	193	eP	04 02 34.0	0.8			QZH	39.5	114	+P	04 07 31.0	-0.3		
			eS	04 04 33.0	0.6			SEP 14d 05h 04m $25.9 \pm 0.10s, SD1.69 / 15$							
			LN		$M_S = 5.5$	5.0	10.5	44.59 N $\pm 2.27km, 148.67 E \pm 2.16km, h35 \pm 0.26km$							
GTA	18.1	117	-iP	04 04 11.6	-1.0			Kurile Islands (221)							
			LE		$M_S = 4.7$	8.0	0.95	$m_b 4.7 / 1,$							
			LZ		$M_S = 5.0$	8.0	2.70	BJI	24.4	271	eP	05 09 42.5	0.4		
LSA	22.2	151	P	04 04 58.3	1.2			BTO	28.5	276	eP	05 10 25.0	3.9		
LZH	22.7	118	+iP	04 05 03.5	1.1			CD2	37.6	264	eP	05 11 38.4	-0.9		
			LN		$M_S = 5.2$	9.0	1.90	SEP 14d 05h 48m $54.3 \pm 0.14s, SD4.40 / 7$							
			LE			7.0	0.90	29.03 N $\pm 1.36km, 111.02 E \pm 1.04km, h13 \pm 0.34km$							
BTO	23.7	101	P	04 05 12.5	1.1			Eastern China (664)							
			pP	04 05 18.0	1.0			$M_L 3.1 / 6,$							
			LN		$M_S = 5.2$	10.0	1.19	WHN	3.3	62	Pn	05 49 46.0	0.5		
			LE			10.0	2.06				Pg	05 49 55.0	3.1		
HHC	24.5	99	eP	04 05 20.4	0.8						Sn	05 50 25.0	-1.1		
			PP	04 05 56.5	2.0						Sg	05 50 40.0	3.5		
			eS	04 09 40.0	2.8						SMN		$M_L = 2.8$	0.5	0.030
			LN		$M_S = 5.8$	9.0	5.00				SME			0.6	0.030
			LE			10.0	8.90	GYA	4.6	237	Pg	05 50 14.0	-2.3		
CD2	26.6	126	+iP	04 05 40.2	1.2						Sn	05 51 06.8	6.7		
			S	04 10 17.0	6.4			SEP 14d 10h 03m $41.4 \pm 0.12s, SD1.01 / 48$							
			LE		$M_S = 4.9$	9.0	1.05	22.09 S $\pm 1.22km, 170.14 E \pm 1.51km, h69 \pm 0.93km$							
TIY	26.9	104	+iP	04 05 42.0	0.3			Loyalty Islands region (189)							
			sS	04 10 24.0	-1.9			$m_b 5.5 / 1,$							
			LN		$M_S = 5.0$	10.0	1.42	NJ2	72.8	316	eP	10 15 05.0	-0.2		
BJI	27.9	96	+P	04 05 51.5	0.4			WHN	74.9	312	eP	10 15 17.5	0.4		
			PcP	04 09 06.0	-0.2			DL2	75.8	323	eP	10 15 22.2	-0.1		
			LN		$M_S = 5.1$	11.0	1.30	MDJ	76.0	331	eP	10 15 23.2	-0.4		
			LE			9.0	1.10	TIA	76.6	318	+P	10 15 26.3	-0.8		
			LZ		$M_S = 5.1$	10.0	2.55	SNY	76.8	326	+P	10 15 27.6	-0.5		
TIA	30.7	102	+P	04 06 16.8	0.3			CN2	77.3	329	+P	10 15 29.8	-1.2		
			LE		$M_S = 4.6$	10.0	0.47	GYA	78.1	305	P	10 15 36.4	0.8		
KMI	30.9	134	+P	04 06 17.0	-0.7			BJI	79.7	321	eP	10 15 43.5	-0.3		
			S	04 11 25.0	5.9			TIY	80.5	317	eP	10 15 48.3	0.0		
			LZ		$M_S = 4.9$	8.0	1.00	KMI	80.5	302	+P	10 15 49.5	1.0		
GYA	31.7	127	+P	04 06 25.0	0.3			XAN	80.6	312	eP	10 15 49.0	-0.1		
			PcP	04 09 16.0	0.1			CD2	82.6	307	eP	10 16 00.2	0.8		
			S	04 11 33.0	1.3			HHC	82.9	319	P	10 16 01.4	0.4		
			PcS	04 13 00.2	1.1			BTO	83.7	318	eP	10 16 05.0	0.0		
SNY	31.8	87	+iP	04 06 24.6	-0.8			LZH	85.3	312	eP	10 16 14.0	1.2		
CN2	32.0	83	+iP	04 06 26.8	-0.9						PMZ		$m_b = 5.5$	2.0	0.11
			PcP	04 09 15.6	-1.2						pP	10 16 31.0	0.1		
			eS	04 11 37.0	-1.1			GTA	89.7	313	eP	10 16 34.4	0.3		
			LN		$M_S = 5.0$	9.0	0.90	SEP 14d 11h 23m $53.2 \pm 0.10s, SD0.98 / 32$							
			LZ		$M_S = 5.1$	14.0	2.70	22.12 S $\pm 1.54km, 170.09 E \pm 1.21km, h53 \pm 0.44km$							
DL2	32.1	93	P	04 06 28.0	0.1			Loyalty Islands region (189)							
			PcP	04 09 16.8	-0.1			$m_b 5.3 / 1,$							
			LE		$M_S = 5.1$	8.0	0.92	WHN	74.9	312	P	11 35 31.0	0.2		
			LZ		$M_S = 4.6$	14.0	0.87	DL2	75.8	323	eP	11 35 35.8	-0.2		
WHN	32.8	113	+iP	04 06 35.2	0.4			MDJ	76.0	331	eP	11 35 36.7	-0.7		
			PMZ		$m_b = 6.3$	0.5	0.26	TIA	76.6	318	+P	11 35 39.9	-0.9		
			PcP	04 09 18.7	-0.3			CN2	77.3	329	+P	11 35 43.8	-0.9		
			LE		$M_S = 5.0$	9.0	0.80				pP	11 36 02.0	3.7		
MDJ	34.3	79	+iP	04 06 46.5	-0.9			GYA	78.1	305	eP	11 35 50.0	0.7		
			PcP	04 09 22.7	-0.4			BJI	79.7	321	eP	11 35 57.0	-0.6		
			S	04 12 15.0	2.5			KMI	80.5	302	+P	11 36 03.5	1.4		
			LZ		$M_S = 5.2$	10.0	2.20	TIY	80.5	317	-P	11 36 02.5	0.5		
NJ2	34.5	106	+P	04 06 50.2	0.7			HHC	82.9	319	eP	11 36 15.0	0.3		
			PcP	04 09 23.7	-0.1			BTO	83.7	318	eP	11 36 19.4	0.6		
			LZ		$M_S = 5.1$	12.0	1.94	LZH	85.2	312	eP	11 36 26.0	-0.5		
SSE	36.6	105	+P	04 07 07.7	0.3						PMZ		$m_b = 5.3$	2.0	0.060
			PMZ		$m_b = 5.7$	1.0	0.14	GTA	89.7	313	P	11 36 48.2	0.4		
			LN		$M_S = 4.9$	8.0	0.56								
			LZ		$M_S = 4.7$	12.0	0.72								

SEP 14d 13h 13m 50.9 ± 0.13s, SD0.93 / 60 51.77 N ± 2.44km, 167.98 W ± 1.26km, h48 ± 1.72km Fox Islands (9) m <sub>b</sub> 5.3 / 2,					TIA	20.9	262	eP	20 16 08.0	M <sub>g</sub> = 4.3	-2.7		
MDJ	41.1	286	eP	13 21 31.8	-0.2								
CN2	44.0	287	-P	13 21 55.5	-0.4								
			pP	13 22 08.4	0.3								
SNY	46.3	286	+P	13 22 15.1	1.1								
BJI	51.8	289	eP	13 22 56.5	0.1								
TIA	53.7	284	eP	13 23 10.8	-0.1								
			pP	13 23 23.8	0.5								
HHC	53.9	292	P	13 23 13.5	0.8								
BTO	55.0	293	eP	13 23 21.0	0.6								
NJ2	55.5	279	eP	13 23 24.5	0.7								
TIY	55.5	289	eP	13 23 23.5	-0.5								
WHN	59.3	281	eP	13 23 50.0	-0.7								
XAN	60.1	288	eP	13 23 56.1	-0.2								
GTA	61.5	298	-iP	13 24 05.2	-0.8								
LZH	61.6	293	eP	13 24 07.0	0.3								
			PMZ			m <sub>b</sub> = 5.5	1.5	0.090					
			pP	13 24 20.0	1.0								
WMQ	64.6	309	-P	13 24 25.7	-0.5								
CD2	65.4	289	eP	13 24 31.8	0.5								
GYA	66.9	284	P	13 24 41.6	0.5								
KMI	70.3	286	eP	13 25 02.5	0.5								
SEP 14d 14h 54m 54.0 ± 0.67s, SD4.45 / 6 22.13 S ± 1.96km, 169.39 E ± 2.97km, h26 ± 5.27km New Caledonia (187)					TIA	20.9	262	eP	20 16 08.0	M <sub>g</sub> = 4.3	-2.7		
CN2	77.0	329	eP	15 06 48.5	1.5								
KMI	79.9	302	eP	15 07 00.0	-3.3								
TIY	80.0	318	eP	15 07 08.2	4.4								
SEP 14d 18h 27m 44.1 ± 0.18s, SD3.15 / 7 39.98 N ± 1.46km, 75.40 E ± 0.04km, h31 ± 2.14km Southern Xinjiang Province (321) M <sub>L</sub> 3.8 / 5,					NJ2	21.7	250	eP	20 16 17.5	M <sub>g</sub> = 4.6	-1.3	14.0	1.48
KSH	0.6	139	iPg	18 27 55.5	-0.7								
			Sg	18 28 04.5	-0.7								
			SMN			M <sub>L</sub> = 3.8	0.5	4.50					
			SME				0.5	3.80					
WMQ	9.9	63	eP	18 30 08.4	0.2								
SEP 14d 20h 11m 31.9 ± 0.15s, SD1.19 / 70 42.26 N ± 1.02km, 143.02 E ± 1.56km, h73 ± 0.86km Hokkaido region (224) M <sub>s</sub> 4.6 / 13, m <sub>b</sub> 5.5 / 2, m <sub>b</sub> 5.2 / 3,					TIY	23.8	269	eP	20 16 39.4	M <sub>g</sub> = 4.3	0.2		
MDJ	10.0	288	eP	20 13 57.0	1.2								
			PP	20 14 12.0	6.8								
			S	20 15 50.0	2.6								
			LZ			M <sub>s</sub> = 4.7	24.0	8.70					
CN2	13.0	283	-P	20 14 34.2	-0.5								
			PP	20 14 47.0	0.3								
			eS	20 16 58.0	0.3								
			LN			M <sub>s</sub> = 4.4	10.0	1.10					
			LZ			M <sub>s</sub> = 4.9	16.0	6.80					
SNY	14.5	275	+P	20 14 54.5	0.2								
			eS	20 17 32.0	-1.3								
			LZ			M <sub>s</sub> = 4.4	26.0	3.25					
DL2	16.6	265	eP	20 15 21.5	0.1								
BJI	20.3	273	eP	20 16 02.0	-2.5								
			ePP	20 16 22.0	-5.6								
			eS	20 19 39.0	-4.6								
			LN			M <sub>s</sub> = 4.5	16.0	1.10					
			LZ			M <sub>s</sub> = 4.4	25.0	2.00					
SSE	20.7	245	eP	20 16 09.5	1.0								
			LN			M <sub>s</sub> = 4.4	14.0	0.77					
SEP 14d 22h 14m 10.4 ± 0.31s, SD1.14 / 77 23.23 S ± 1.62km, 68.60 W ± 3.09km, h141 ± 2.56km Northern Chile (123) m <sub>b</sub> 5.8 / 1,					WHN	25.7	252	eP	20 16 56.5	M <sub>s</sub> = 4.4	-1.2	24.0	1.40
			PMZ			m <sub>b</sub> = 5.0	1.5	0.040					
			LZ			M <sub>s</sub> = 4.5	20.0	1.10					
GTA	32.6	280	+iP	20 17 58.8	0.0								
			LE			M <sub>s</sub> = 4.8	15.0	1.01					
			LZ			M <sub>s</sub> = 4.8	15.0	1.46					
CD2	33.2	263	eP	20 18 04.0	-0.5								
GYA	33.6	254	P	20 18 08.2	0.3								
KMI	37.2	256	+P	20 18 39.0	0.3								
			eS	20 24 20.0	-0.3								
			LZ			M <sub>s</sub> = 4.4	20.0	0.60					
WMQ	39.8	292	+P	20 19 00.5	0.3								
			sP	20 19 27.5	1.0								
			eS	20 25 06.0	6.6								
			LZ			M <sub>s</sub> = 5.0	18.0	2.06					
KSH	49.6	291	eP	20 20 19.0	0.5								
			sP	20 20 41.0	-3.8								
			eS	20 27 24.0	3.6								
SEP 14d 22h 14m 10.4 ± 0.31s, SD1.14 / 77 23.23 S ± 1.62km, 68.60 W ± 3.09km, h141 ± 2.56km Northern Chile (123) m <sub>b</sub> 5.8 / 1,					WHN	25.7	252	eP	20 16 56.5	M <sub>s</sub> = 4.4	-1.2	24.0	1.40
			PMZ			m <sub>b</sub> = 5.0	1.5	0.040					
			LZ			M <sub>s</sub> = 4.5	20.0	1.10					
GTA	32.6	280	+iP	20 17 58.8	0.0								
			LE			M <sub>s</sub> = 4.8	15.0	1.01					
			LZ			M <sub>s</sub> = 4.8	15.0	1.46					
CD2	33.2	263	eP	20 18 04.0	-0.5								
GYA	33.6	254	P	20 18 08.2	0.3								
KMI	37.2	256	+P	20 18 39.0	0.3								
			eS	20 24 20.0	-0.3								
			LZ			M <sub>s</sub> = 4.4	20.0	0.60					
WMQ	39.8	292	+P	20 19 00.5	0.3								
			sP	20 19 27.5	1.0								
			eS	20 25 06.0	6.6								
			LZ			M <sub>s</sub> = 5.0	18.0	2.06					
KSH	49.6	291	eP	20 20 19.0	0.5								
			sP	20 20 41.0	-3.8								
			eS	20 27 24.0	3.6								
			-iPKP	22 33 34.0	0.4								
			pPKP	22 34 08.0	-1.9								
			PP	22 36 56.0	-3.1								
WMQ	151.7	38	+iPKP	22 33 42.0	-0.7								
MDJ	154.0	329	ePKP	22 33 45.5	-0.3								
CN2	156.4	334	PKP	22 33 48.5	-0.6								
			PP	22 37 56.4	-2.3								
SNY	158.8	334	-PKP	22 33 52.0	-0.2								
			PKP2	22 34 30.4	0.5								
			PP	22 38 11.0	-0.6								
GTA	161.1	29	-iPKP	22 33 54.7	-0.1								
			SKKS	22 44 57.0	0.9								
DL2	162.1	333	ePKP	22 33 56.2	0.6								
			PKP2	22 34 44.2	0.2								
HHC	162.4	360	ePKP	22 33 57.9	1.8								
BTO	162.6	4	PKP	22 33 57.0	0.7								
BJI	162.8	348	ePKP	22 33 56.0	-0.2								
			pPKP	22 34 29.0	-4.0								
			PKP2	22 34 43.0	-3.8								
			pPKP2	22 35 16.0									
			PP	22 38 30.0	-2.1								
			eSS	22 58 42.0	1.6								
TIY	165.5	357	-PKP	22 33 55.6	-3.5								
			pPKP	22 34 32.5	-3.4								
			sPKP	22 34 45.0	-5.6								
			SS	22 59 09.5	0.0								
LZH	165.6	25	ePKP	22 34 00.0	0.8								





<p>SEP 15d 21h 46m 52.4 ± 0.13s, SD2.12 / 18                      35.42 N ± 2.01km, 141.00 E ± 0.53km, h66 ± 1.38km                      Near east coast of Honshu (228)</p>					S	06 47 12.0	-1.2			
SNY	15.0	300	eP	21 50 26.0	3.3	ScS	06 48 16.0	1.8		
TIA	19.4	279	eP	21 51 20.2	-4.4	LN	M <sub>S</sub> = 5.2	16.0	0.43	
BJI	20.2	291	eP	21 51 22.0	-2.0	LE		16.0	0.54	
GYA	30.7	263	P	21 53 01.6	-1.7	LZ	M <sub>S</sub> = 5.2	20.0	1.39	
GTA	32.8	289	eP	21 53 21.0	-0.7	QZN	68.9 299 eP	06 38 37.0	2.6	
<p>SEP 16d 00h 06m 52.1 ± 0.08s, SD1.00 / 24                      23.10 S ± 1.73km, 175.00 W ± 2.43km, h33 ± 0.07km                      Tonga region (174)</p>					ePP	06 41 12.0	3.7			
MDJ	84.2	324	eP	00 19 22.5	0.0	eS	06 47 34.0	-2.0		
WHN	86.2	305	eP	00 19 31.5	-0.8	eSS	06 51 58.0	-4.1		
TIA	87.1	311	P	00 19 36.5	0.0	LN	M <sub>S</sub> = 5.2	13.0	0.53	
BJI	89.7	314	eP	00 19 48.0	-1.0	NJ2	69.3 316 +P	06 38 34.8	-1.8	
GYA	90.3	299	P	00 19 52.6	0.4	PMZ	m <sub>b</sub> = 5.3	1.2	0.045	
TIY	91.1	311	+P	00 19 55.4	-0.2	eS	06 47 34.0	-6.1		
			LZ	M <sub>S</sub> = 4.9	22.0	0.52	LZ	M <sub>S</sub> = 5.0	20.0	0.92
XAN	91.9	306	P	00 19 58.7	-0.7	WHN	71.5 312 P	06 38 47.5	-2.4	
			S	00 30 59.7	5.1	PMZ	m <sub>b</sub> = 5.6	1.5	0.12	
KMI	93.0	296	eP	00 20 05.5	0.9	pP	06 38 55.0	-3.7		
			sP	00 20 16.5	-1.5	S	06 48 08.0	3.6		
<p>SEP 16d 02h 16m 18.6 ± 0.10s, SD0.73 / 39                      29.51 S ± 0.84km, 178.37 W ± 1.02km, h549 ± 1.09km                      Fiji region (181)                      m<sub>b</sub>5.0 / 2,</p>					SME	m <sub>B</sub> = 6.0	6.0	0.84		
MDJ	80.3	325	eP	02 27 34.5	-0.1	LZ	M <sub>S</sub> = 5.2	20.0	1.30	
DL2	81.5	317	eP	02 27 41.4	0.9	DL2	72.0 323 eP	06 38 51.0	-1.9	
SNY	82.0	320	eP	02 27 42.5	-0.5	eS	06 48 10.0	-1.8		
CN2	82.1	323	-P	02 27 43.0	-0.6	LZ	M <sub>S</sub> = 5.0	38.0	1.53	
WHN	82.2	307	P	02 27 44.5	0.6	MDJ	72.0 331 eP	06 38 50.5	-2.5	
TIA	83.0	313	eP	02 27 47.6	-0.7	iS	06 48 15.5	3.6		
BJI	85.7	316	eP	02 28 01.0	-0.1	LZ	M <sub>S</sub> = 5.4	20.0	2.10	
GYA	86.4	300	P	02 28 05.0	0.4	SNY	72.9 326 +P	06 39 01.7	3.2	
XAN	87.9	307	-P	02 28 11.5	-0.1	S	06 48 21.0	0.0		
			S	02 38 11.4	4.8	LZ	M <sub>S</sub> = 5.2	23.0	1.53	
KMI	89.0	297	-P	02 28 18.5	1.2	TIA	73.0 318 eP	06 38 55.3	-3.6	
BTO	90.0	314	eP	02 28 22.3	0.5	eS	06 48 25.5	2.3		
LZH	92.5	308	eP	02 28 33.5	0.3	LZ	M <sub>S</sub> = 5.2	24.0	1.60	
			PMZ	m <sub>b</sub> = 5.2	2.0	0.060	CN2	73.4 328 eP	06 38 58.8	-2.4
GTA	96.7	309	P	02 28 51.5	-0.8	BJI	75.9 321 +P	06 39 14.0	-2.0	
<p>SEP 16d 03h 09m 50.1 ± 0.15s, SD2.04 / 30                      1.08 S ± 1.46km, 126.81 E ± 1.42km, h36 ± 0.95km                      Molucca Sea (269)</p>					esS	06 49 06.0	-4.7			
WHN	33.6	340	eP	03 16 34.5	4.8	LZ	M <sub>S</sub> = 5.3	29.0	2.20	
XAN	38.8	336	eP	03 17 12.2	-1.2	TIY	76.9 317 eP	06 39 19.7	-1.8	
BJI	42.1	348	eP	03 17 38.0	-2.6	LN	M <sub>S</sub> = 5.5	18.0	1.46	
LZH	42.7	332	eP	03 17 46.0	-0.2	XAN	77.2 312 +P	06 39 21.4	-2.0	
			pP	03 17 58.0	2.1	KMI	77.6 302 +P	06 39 25.0	-0.5	
SNY	42.8	356	eP	03 17 43.7	-3.0	sP	06 39 36.0	-1.7		
MDJ	45.6	3	eP	03 18 06.8	-2.1	S	06 49 15.0	2.5		
GTA	47.3	331	eP	03 18 22.2	-0.4	LZ	M <sub>S</sub> = 5.0	30.0	1.10	
WMQ	56.7	327	P	03 19 33.0	-0.3	HHC	79.2 319 eP	06 39 34.0	-0.5	
<p>SEP 16d 06h 27m 29.4 ± 0.15s, SD2.40 / 62                      17.98 S ± 1.89km, 169.20 E ± 1.28km, h29 ± 0.61km                      Vanuatu (New Hebrides) (186)                      M<sub>S</sub>5.5 / 11, m<sub>B</sub>6.0 / 6, m<sub>b</sub>5.5 / 4,</p>					eS	06 49 28.0	-4.0			
QZH	65.2	309	eP	06 38 09.0	-1.7	LE	M <sub>S</sub> = 5.7	7.0	0.80	
			pP	06 38 15.0	-4.7	LZ	M <sub>S</sub> = 5.4	22.0	2.00	
			sS	06 47 00.0	-5.4	CD2	79.4 307 eP	06 39 32.8	-2.7	
			LZ	M <sub>S</sub> = 5.0	30.0	1.56	BTO	80.1 318 eP	06 39 37.0	-2.0
SSE	67.1	316	+P	06 38 20.5	-2.7		pP	06 39 45.0	-2.6	
			PMZ	m <sub>b</sub> = 5.4	1.0	0.050	ePP	06 42 40.0	-1.5	
<p>SEP 16d 06h 30m 28.6 ± 0.10s, SD3.37 / 8                      37.45 N ± 1.16km, 102.64 E ± 0.85km, h10 ± 0.31km</p>					eS	06 49 37.0	-3.7			
						LZH	81.9 312 P	06 39 48.5	0.0	
						PMZ	m <sub>b</sub> = 5.7	2.5	0.24	
						S	06 50 00.0	2.6		
						SME	m <sub>B</sub> = 6.1	6.0	0.89	
						LZ	M <sub>S</sub> = 5.4	15.0	1.20	
						GTA	86.2 313 P	06 40 08.8	-1.7	
						S	06 50 35.0	-5.8		
						LZ	M <sub>S</sub> = 5.2	30.0	1.56	
						WMQ	96.3 314 eP	06 40 55.0	-2.4	
						SKS	06 51 31.0	1.7		
						S	06 52 10.0	-0.6		
						LZ	M <sub>S</sub> = 5.4	25.0	1.66	

Qinghai Province (325)  
M<sub>L</sub>3.2/4,  
GTA 3.0 312 Pn 06 31 16.0 -0.3  
Pg 06 31 19.9 -1.0  
Sg 06 31 57.0 -4.4  
SMN M<sub>L</sub>=3.1 0.6 0.080  
SME 0.6 0.080

NJ2 48.5 272 eP 02 54 20.0 0.2  
BTO 48.6 287 eP 02 54 22.0 1.7  
TIY 48.9 282 +P 02 54 23.6 1.0  
WHN 52.4 274 eP 02 54 49.4 0.3  
XAN 53.4 281 eP 02 54 56.6 -0.4  
LZH 55.2 286 eP 02 55 10.5 0.5  
PMZ m<sub>s</sub>=5.4 1.5 0.070  
LZ M<sub>s</sub>=4.0 22.0 0.14

SEP 16d 11h 39m 19.9±0.09s, SD3.17/8  
30.85 N±1.00km, 103.79 E±0.64km, h17±0.29km  
Sichuan Province (307)  
M<sub>L</sub>3.1/3,  
GYA 5.1 149 ePn 11 40 40.4 4.9  
Pg 11 40 54.8 5.7  
Sn 11 41 35.8 0.4  
Sg 11 42 04.0 5.8

GTA 55.4 292 +iP 02 55 11.0 -0.6  
CD2 58.8 282 eP 02 55 34.4 -0.8  
WMQ 59.3 303 -iP 02 55 36.7 -2.1  
LZ M<sub>s</sub>=4.9 22.0 0.98  
GYA 60.1 276 P 02 55 43.6 -0.8  
KMI 63.5 278 eP 02 56 07.0 -0.4  
KSH 68.5 306 eP 02 56 40.0 0.8

SEP 16d 20h 33m 53.2±0.05s, SD0.88/24  
12.49 S±1.04km, 166.58 E±1.87km, h353±0.86km  
Santa Cruz Islands (184)  
SSE 61.5 316 eP 20 43 34.5 -1.2  
NJ2 63.6 315 -P 20 43 49.0 -0.8  
WHN 66.0 312 eP 20 44 06.0 1.3  
CN2 67.4 329 eP 20 44 12.7 -1.0  
GYA 69.9 304 P 20 44 29.4 0.2  
BJI 70.1 321 eP 20 44 29.5 -0.8  
TIY 71.2 317 -P 20 44 37.0 0.2  
LZH 76.3 312 eP 20 45 08.0 1.4  
GTA 80.6 314 eP 20 45 30.0 0.3

SEP 17d 04h 14m 48.7±0.16s, SD2.22/20  
24.33 N±1.39km, 120.97 E±1.08km, h19±0.29km  
Taiwan (244)  
M<sub>s</sub>3.3/1, M<sub>L</sub>3.6/13,  
QZH 2.2 286 Pn 04 15 25.6 0.2  
Pg 04 15 26.2 -2.2  
Sn 04 15 51.8 -2.6  
Sg 04 15 52.3 -6.9  
SMN M<sub>L</sub>=4.1 0.9 1.34  
SSE 6.7 2 P 04 16 25.0 -4.4  
SMN M<sub>L</sub>=3.4 1.0 0.020  
SME 1.0 0.020  
LE M<sub>s</sub>=3.3 12.0 0.35  
GYA 13.1 282 eP 04 18 02.0 5.1

SEP 17d 01h 58m 27.0±0.17s, SD3.16/18  
31.39 N±1.13km, 104.16 E±1.29km, h27±0.62km  
Sichuan Province (307)  
M<sub>s</sub>4.1/1, M<sub>L</sub>3.8/9,  
CD2 0.6 216 iPg 01 58 35.5 -2.8  
Sg 01 58 43.3 -3.5  
SMN M<sub>L</sub>=3.3 0.4 1.62  
SME 0.4 1.22  
LZH 4.7 357 Pg 01 59 53.5 3.3  
Sg 02 00 52.0 -2.2  
LN M<sub>s</sub>=4.1 4.0 0.53  
LE 4.1 1.16  
XAN 4.8 55 ePn 01 59 37.9 -0.3  
Pg 01 59 52.5 0.5  
Sn 02 00 32.4 -2.4  
Sg 02 00 57.7 -0.1  
SMN M<sub>L</sub>=4.1 0.7 0.23  
SME 0.7 0.24  
GYA 5.4 155 Pn 01 59 50.4 4.2  
Sn 02 00 55.0 6.0  
Sg 02 01 20.4 4.8  
TIY 9.3 45 eP 02 00 38.4 -4.1  
CN2 20.9 48 -P 02 03 08.0 -1.7

SEP 17d 10h 09m 28.6±0.14s, SD4.71/6  
40.05 N±1.64km, 77.55 E±0.98km, h20±0.55km  
Southern Xinjiang Province (321)  
M<sub>L</sub>3.5/5,  
KSH 1.4 248 Pg 10 09 52.3 -0.8  
Sg 10 10 12.5 0.8  
SMN M<sub>L</sub>=3.4 0.5 0.60  
SME 0.3 0.50

SEP 17d 02h 45m 37.5±0.16s, SD1.16/51  
51.08 N±4.65km, 179.26 W±1.58km, h34±0.12km  
Andreanof Islands (7)  
M<sub>s</sub>5.0/1, m<sub>s</sub>5.3/2,  
MDJ 34.3 280 eP 02 52 23.0 -0.6  
S 02 57 48.0 0.8  
LZ M<sub>s</sub>=4.6 20.0 1.20  
CN2 37.3 281 +P 02 52 48.5 -0.4  
SNY 39.5 279 +P 02 53 08.6 1.3  
BJI 45.2 282 eP 02 53 53.5 0.3  
TIA 46.9 277 eP 02 54 07.2 0.0  
HHC 47.5 286 P 02 54 13.0 1.1  
SSE 47.7 269 P 02 54 15.0 1.6  
esS 03 01 26.0 3.6

SEP 17d 10h 53m 11.1±0.20s, SD4.70/9  
39.95 N±2.24km, 77.43 E±1.54km, h22±0.80km  
Southern Xinjiang Province (321)  
M<sub>L</sub>4.0/6,  
KSH 1.2 250 +iPg 10 53 32.4 -1.0  
Sg 10 53 49.5 -0.9  
SMN M<sub>L</sub>=4.0 0.3 2.70  
SME 0.5 2.70  
WMQ 8.6 60 P 10 55 14.0 -3.3  
S 10 56 54.0 -0.1  
LZ M<sub>s</sub>=4.2 4.0 0.52

SEP 17d 14h 26m 37.2±0.16s, SD1.71/15  
26.22 N±1.41km, 128.74 E±1.31km, h42±1.29km  
Ryukyu Islands (238)  
M<sub>s</sub>4.4/2,  
BJI 17.3 326 eP 14 30 39.5 1.8  
LN M<sub>s</sub>=4.3 13.0 0.75  
TIY 17.9 314 eP 14 30 46.4 0.8  
LN M<sub>s</sub>=4.4 13.0 0.80  
LE 12.0 0.41  
LZ M<sub>s</sub>=4.4 13.0 1.20  
GTA 27.5 306 P 14 32 19.8 -2.7  
LZ M<sub>s</sub>=4.4 14.0 0.72

SEP 17d 15h 23m 49.4±0.13s, SD1.78/70  
45.25 N±3.87km, 152.53 E±2.49km, h4±0.89km  
Kurile Islands region (222)

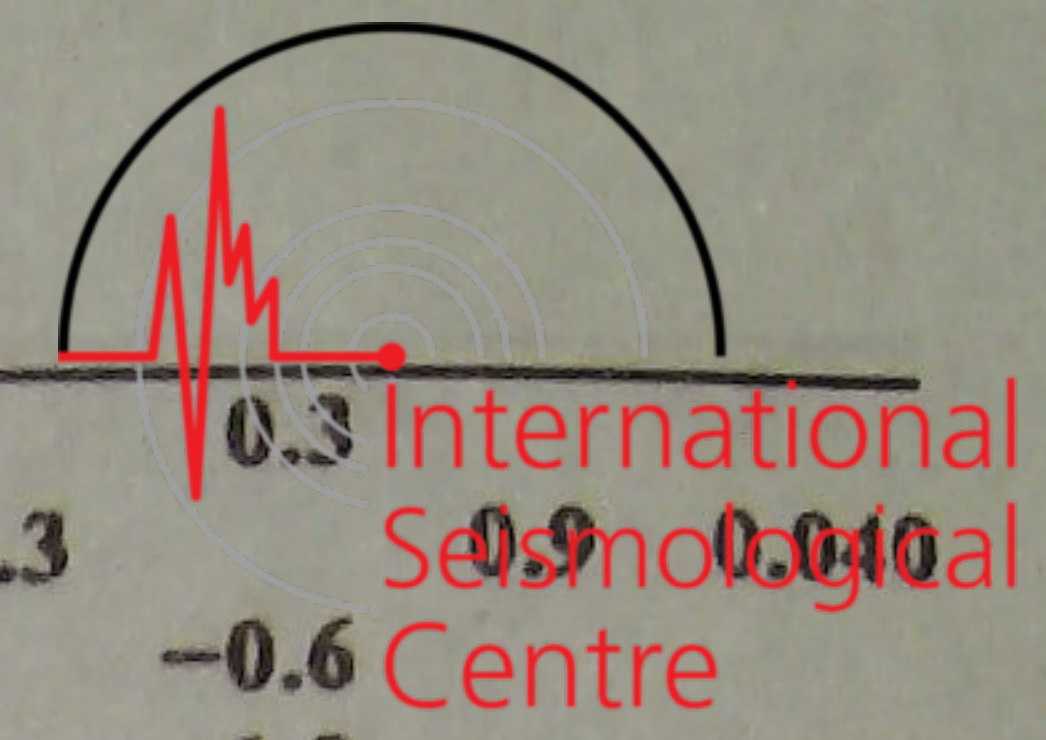




SEP 18d 01h 43m 01.3±0.09s, SD1.05 / 20						Taiwan										
22.08 S±1.37km, 179.43 W±1.30km, h583±0.50km						M <sub>s</sub> 4.7 / 36, m <sub>b</sub> 5.5 / 3, m <sub>b</sub> 5.4 / 6,										
South of Fiji (171)																
WHN	82.3	307	eP	01 54 25.5	1.0	QZH	3.3	277	-iP	15 39 17.4	-0.1					
SNY	82.6	321	eP	01 54 25.2	-0.6				IS	15 39 53.4	-2.6					
CN2	82.7	323	eP	01 54 25.2	-1.5				LN	M <sub>s</sub> =4.7	4.0	8.83				
BJI	86.1	316	eP	01 54 43.0	0.0				LZ	M <sub>s</sub> =4.4	8.0	5.07				
TIY	87.3	313	eP	01 54 49.0	-0.1	SSE	6.6	352	-iP	15 40 01.5	-0.5					
									eS	15 41 15.5	-0.5					
									SMN		1.0	0.66				
									SME		1.0	0.78				
									LN	M <sub>s</sub> =4.9	6.0	2.35				
									LE		6.0	5.89				
									LZ	M <sub>s</sub> =3.8	20.0	1.39				
						NJ2	8.0	339	-P	15 40 20.4	-1.8					
									S	15 41 47.6	-4.2					
									LN	M <sub>s</sub> =4.4	5.0	1.03				
									LE		5.0	0.85				
									LZ	M <sub>s</sub> =4.5	10.0	3.02				
						GZH	8.3	261	-P	15 40 23.7	-2.0					
									LZ	M <sub>s</sub> =4.5	12.0	3.25				
						WHN	9.2	312	+iP	15 40 37.6	-0.4					
									sP	15 40 59.0	-1.4					
									S	15 42 21.5	1.3					
									SMN		1.0	0.80				
									SME		1.0	0.50				
									LE	M <sub>s</sub> =4.8	7.0	3.35				
						TIA	12.4	340	eP	15 41 20.1	-1.3					
									S	15 43 44.0	6.2					
									LN	M <sub>s</sub> =4.9	5.0	0.81				
									LE		6.0	1.79				
						QZN	12.8	247	P	15 41 26.0	-0.3					
									eS	15 43 47.0	0.0					
									LE	M <sub>s</sub> =4.3	20.0	1.80				
						GYA	14.2	281	P	15 41 45.0	0.1					
									pP	15 41 56.8	-1.3					
									S	15 44 15.0	-5.1					
									LN	M <sub>s</sub> =5.4	6.0	6.00				
									LE		6.0	2.50				
						DL2	14.3	358	eP	15 41 50.0	3.9					
									LE	M <sub>s</sub> =4.3	7.0	0.55				
						XAN	14.9	312	eP	15 41 55.0	0.4					
									S	15 44 44.5	6.5					
									LE	M <sub>s</sub> =4.7	8.0	1.45				
						TIY	15.5	330	eP	15 42 04.4	2.2					
									LN	M <sub>s</sub> =4.5	10.0	1.01				
						BJI	16.2	343	+P	15 42 11.0	0.1					
									epP	15 42 25.0	-0.3					
									esP	15 42 36.0	0.8					
									eS	15 45 12.0	3.9					
									LE	M <sub>s</sub> =4.5	8.0	0.80				
									LZ	M <sub>s</sub> =3.9	36.0	1.10				
						SNY	17.2	3	+iP	15 42 24.0	0.6					
									sP	15 42 47.0	-0.9					
									eS	15 45 34.0	3.1					
									LN	M <sub>s</sub> =4.5	11.0	0.91				
									LE		10.0	0.50				
									LZ	M <sub>s</sub> =4.4	12.0	1.09				
						CD2	17.5	295	P	15 42 27.4	0.4					
									pP	15 42 41.0	-1.4					
									sP	15 42 51.0	-0.4					
									LE	M <sub>s</sub> =5.1	6.5	2.07				
						KMI	17.7	276	+P	15 42 31.0	1.6					
									S	15 45 40.0	-0.7					
									LN	M <sub>s</sub> =4.7	12.0	1.50				
									LZ	M <sub>s</sub> =4.5	15.0	1.60				
						HHC	18.5	334	+iP	15 42 40.0	1.1					
									pP	15 42 53.0	-0.4					
									S	15 46 01.5	2.7					







KMI	41.1	322	pP	19 58 16.0	2.0			
CD2	44.9	328	-P	19 57 52.0	2.0			
XAN	45.1	336	P	19 58 21.5	0.7			
TIY	47.2	342	eP	19 58 21.3	-1.0			
BJI	48.3	346	eP	19 58 37.1	-1.1			
LZH	49.1	332	eP	19 58 46.0	-1.0			
			eP	19 58 53.5	0.3			
			PMZ	$m_b = 5.2$		1.5	0.070	
			pP	19 59 29.5	2.6			
HHC	50.3	342	P	19 59 02.6	0.2			
BTO	50.5	341	eP	19 59 06.0	1.6			
CN2	50.6	356	eP	19 59 05.0	0.3			
MDJ	51.3	0	eP	19 59 10.0	0.1			
			pP	19 59 41.5	-2.6			
LSA	51.8	317	P	19 59 12.3	-1.5			
GTA	53.6	332	eP	19 59 26.7	-0.7			
WMQ	63.0	327	eP	20 00 32.8	0.3			
			pP	20 01 05.5	-2.4			
			S	20 08 49.0	0.9			
KSH	67.6	318	eP	20 01 03.5	1.4			

SEP 20d 00h 25m  $51.2 \pm 0.06s$ , SD0.86 / 52  
 $53.13 N \pm 1.56km$ ,  $154.12 E \pm 1.21km$ ,  $h481 \pm 0.32km$   
 North-west of Kurile Islands (220)  
 $m_b 4.9 / 4$ ,

MDJ	18.2	252	eP	00 29 34.7	0.5			
CN2	21.1	255	+P	00 30 01.6	0.0			
SNY	23.4	253	eP	00 30 21.8	-0.9			
DL2	26.4	251	eP	00 30 49.6	-0.4			
BJI	28.8	258	P	00 31 09.5	-1.7			
TIA	30.8	252	eP	00 31 28.1	-0.6			
BTO	32.1	265	eP	00 31 40.4	0.6			
TIY	32.5	259	+P	00 31 44.1	0.9			
NJ2	32.9	244	+P	00 31 46.4	0.0			
			PMZ	$m_b = 5.0$		1.0	0.048	
WHN	36.6	248	P	00 32 16.1	-0.7			
XAN	37.1	257	eP	00 32 21.1	-0.4			
LZH	38.7	265	P	00 32 36.0	1.1			
			PMZ	$m_b = 4.8$		1.5	0.050	
GTA	39.0	272	-P	00 32 37.8	0.7			
CD2	42.4	259	eP	00 33 02.8	-1.5			
WMQ	43.5	286	-P	00 33 14.0	0.9			
GYA	44.0	252	-P	00 33 16.6	-0.6			
			pP	00 34 46.6	-0.5			
			S	00 39 12.6	-0.9			

SEP 20d 00h 57m  $48.6 \pm 0.08s$ , SD0.84 / 18  
 $23.35 S \pm 1.69km$ ,  $175.29 W \pm 1.42km$ ,  $h32 \pm 0.14km$   
 Tonga region (174)

MDJ	84.3	324	eP	01 10 19.2	-0.2			
CN2	86.1	321	eP	01 10 28.0	-0.3			
			pP	01 10 38.0	0.3			
WHN	86.1	305	eP	01 10 28.9	0.3			
TIA	87.0	312	eP	01 10 33.1	0.1			
GYA	90.2	299	P	01 10 49.4	1.1			
TIY	91.0	311	+P	01 10 53.3	1.2			
XAN	91.8	306	eP	01 10 56.1	0.4			

SEP 20d 04h 02m  $47.6 \pm 0.11s$ , SD0.91 / 51  
 $4.20 S \pm 1.60km$ ,  $132.91 E \pm 1.39km$ ,  $h26 \pm 0.13km$   
 West Irian region (196)  
 $m_b 5.2 / 5$ ,

WHN	38.8	334	P	04 10 13.5	0.8			
			PMZ	$m_b = 5.2$		1.0	0.040	
GYA	39.7	322	P	04 10 20.4	0.6			
KMI	41.3	316	-P	04 10 34.0	0.4			
TIA	42.8	341	eP	04 10 45.0	-0.7			
XAN	44.3	331	eP	04 10 56.7	-0.7			

TIY	45.8	337	+P	04 11 10.3	0.3			
			PMZ	$m_b = 5.3$				
BJI	46.6	342	eP	04 11 15.5	-0.6			
CN2	48.2	353	eP	04 11 27.0	-1.9			
LZH	48.4	328	P	04 11 31.0	0.5			
			PMZ	$m_b = 5.2$		1.5	0.050	
MDJ	48.7	357	eP	04 11 31.0	-1.2			
HHC	48.9	339	P	04 11 33.9	-0.1			
BTO	49.3	337	eP	04 11 37.0	0.1			
LSA	52.3	313	P	04 12 01.1	0.8			
GTA	53.0	328	-IP	04 12 05.4	0.0			
WMQ	62.7	325	-IP	04 13 14.0	0.6			
KSH	68.0	316	eP	04 13 50.0	2.3			

SEP 20d 11h 58m  $10.8 \pm 0.11s$ , SD1.63 / 55  
 $15.91 N \pm 1.74km$ ,  $120.24 E \pm 1.86km$ ,  $h11 \pm 0.34km$   
 Luzon (249)

			$M_s 4.4 / 6$ , $m_b 5.0 / 1$ ,					
QZN	10.4	289	eP	12 00 40.4	-2.8			
			eS	12 02 36.0	-4.8			
NJ2	16.1	356	eP	12 02 04.0	4.7			
GYA	16.4	312	P	12 02 04.0	0.6			
TIA	20.4	353	eP	12 02 49.7	-1.2			
XAN	20.7	333	P	12 02 53.5	-0.9			
CD2	21.2	318	P	12 02 58.8	-0.5			
TIY	22.8	344	eP	12 03 14.9	-0.1			
			S	12 07 23.0	4.4			
			LE	$M_s = 4.4$		12.0	0.48	
			LZ	$M_s = 4.3$		14.0	0.71	
BJI	24.3	352	eP	12 03 29.0	-0.7			
			LZ	$M_s = 3.9$		18.0	0.36	
LZH	24.9	327	eP	12 03 36.0	0.8			
			PMZ	$m_b = 5.0$		1.5	0.070	
			LZ	$M_s = 4.2$		20.0	0.79	
HHC	26.0	345	P	12 03 45.6	-0.1			
SNY	26.0	6	+P	12 03 44.8	-0.9			
BTO	26.2	342	eP	12 03 47.5	0.1			
			epP	12 03 54.0	1.3			
			LN	$M_s = 4.4$		12.0	0.28	
			LE			12.0	0.29	
CN2	28.2	8	eP	12 04 06.8	1.3			
GTA	29.5	327	eP	12 04 16.6	-0.7			
			LZ	$M_s = 4.6$		16.0	1.08	
MDJ	29.7	14	eP	12 04 18.5	-0.8			
WMQ	39.2	322	eP	12 05 43.0	1.9			
			eS	12 11 40.5	-0.6			
			LZ	$M_s = 4.6$		19.0	0.78	

SEP 20d 14h 44m  $21.1 \pm 0.07s$ , SD0.92 / 41  
 $31.47 S \pm 1.71km$ ,  $179.55 W \pm 1.35km$ ,  $h188 \pm 0.14km$   
 Kermadec Islands region (177)

NJ2	85.9	312	+P	14 56 41.4	-0.5			
WHN	87.9	308	eP	14 56 51.0	-0.4			
MDJ	88.8	326	eP	14 56 53.0	-2.4			
DL2	88.8	318	eP	14 56 55.5	-0.2			
TIA	89.7	314	eP	14 57 00.0	0.1			
SNY	89.8	321	eP	14 56 58.9	-1.2			
CN2	90.2	324	+P	14 57 01.8	-0.3			
			pP	14 57 48.0	0.0			
GYA	90.9	301	P	14 57 05.6	-0.1			
BJI	92.8	316	eP	14 57 13.0	-1.0			
TIY	93.6	313	+P	14 57 18.4	0.5			
WMQ	112.8	308	PKP	15 02 36.7	0.3			
KSH	119.7	300	PKP	15 02 51.5	1.7			

SEP 20d 16h 26m  $18.6 \pm 0.11s$ , SD1.21 / 53  
 $7.92 S \pm 1.34km$ ,  $123.11 E \pm 1.79km$ ,  $h224 \pm 0.55km$   
 Flores region (286)

$m_b 4.7 / 3,$

GYA	37.7	335	P	16 33 15.2	0.3		
			PcP	16 35 29.2	2.3		
SSE	38.8	357	eP	16 33 24.5	0.5		
			PMZ	$m_b = 4.4$		0.7	0.010
WHN	39.2	348	P	16 33 27.0	0.4		
NJ2	40.0	354	-P	16 33 34.2	1.0		
			ScP	16 39 02.5	2.5		
CD2	42.8	335	eP	16 33 56.8	0.1		
XAN	43.8	343	eP	16 34 04.7	-0.1		
TIY	46.5	348	eP	16 34 25.4	-0.2		
LZH	47.4	339	eP	16 34 32.5	-0.1		
			PMZ	$m_b = 4.7$		1.5	0.040
BJI	48.1	353	eP	16 34 37.0	-1.4		
LSA	48.4	322	P	16 34 42.0	1.1		
GTA	51.8	337	eP	16 35 05.8	-0.4		
MDJ	52.6	6	eP	16 35 07.0	-5.0		
WMQ	60.7	331	-P	16 36 09.0	0.2		
KSH	64.3	321	P	16 36 33.5	0.7		

XAN	140.9	352	ePKP	18 15 41.8	-4.9		
WHN	143.1	343	ePKP	18 15 47.0	-3.3		
			eSKKS	18 25 46.0	-5.0		
			LZ	$M_s = 5.8$		24.0	2.00
LSA	144.0	17	PKP	18 15 50.9	-1.5		
CD2	144.5	358	PKP	18 15 52.4	-0.4		
GYA	148.7	353	PKP	18 16 01.8	1.9		
KMI	150.3	360	-PKP	18 16 05.0	2.4		
			LZ	$M_s = 5.9$		25.0	2.00
QZN	155.3	343	ePKP	18 16 12.6	3.2		

SEP 20d 17h 56m  $15.9 \pm 0.26s$ , SD2.02 / 60  
 4.76 N  $\pm$  4.09km, 77.46 W  $\pm$  4.21km, h16  $\pm$  1.52km  
 Near west coast of Colombia (102)

$M_s 5.8 / 8,$

MDJ	125.2	337	ePKP	18 15 17.0	-0.1		
			PP	18 17 06.0	-3.6		
			SKS	18 22 24.0	-0.6		
			SS	18 34 00.0	-3.3		
			LZ	$M_s = 6.1$		24.0	5.00
CN2	127.4	339	ePKP	18 15 20.4	-1.0		
KSH	129.6	27	ePKP	18 15 28.0	2.3		
			PP	18 17 38.0	-0.7		
SNY	129.8	340	PKP	18 15 26.5	0.5		
			ePP	18 17 34.0	-6.2		
			LZ	$M_s = 5.6$		26.0	1.49
WMQ	129.8	14	PKP	18 15 26.6	0.5		
			PP	18 17 36.0	-4.3		
			LZ	$M_s = 5.8$		23.0	2.09
DL2	133.1	340	ePKP	18 15 31.0	-1.2		
BJI	133.7	346	ePKP	18 15 34.0	0.7		
			ePP	18 18 04.0	-1.3		
			LN	$M_s = 5.7$		18.0	0.86
			LZ	$M_s = 5.8$		24.0	1.95
HHC	133.9	350	PKP	18 15 35.0	1.2		
			LZ	$M_s = 5.8$		26.0	2.10
BTO	134.4	352	ePKP	18 15 34.0	-0.7		
			sPKP	18 15 44.0	3.3		
			PP	18 18 06.0	-3.6		
			LN	$M_s = 5.9$		19.0	1.00
			LE			19.0	1.18
GTA	136.0	3	ePKP	18 15 38.6	0.9		
			ePP	18 18 18.0	-1.2		
			PKS	18 19 11.0	-0.1		
			SS	18 36 15.0	-0.2		
			LN	$M_s = 5.9$		20.0	1.55
			LZ	$M_s = 5.8$		20.0	1.64
TIY	136.8	349	PKP	18 15 39.9	0.8		
			PP	18 18 18.0	-5.8		
			PKS	18 19 16.0	3.5		
			LE	$M_s = 6.0$		19.0	1.69
			LZ	$M_s = 5.9$		22.0	2.59
TIA	137.0	343	ePKP	18 15 40.2	0.7		
LZH	139.4	358	ePKP	18 15 46.0	2.0		
			sPKP	18 15 54.5	4.7		
			LZ	$M_s = 5.5$		25.0	1.14
SSE	140.1	335	ePKP	18 15 45.5	0.3		
			LZ	$M_s = 5.8$		22.0	1.75
NJ2	140.2	338	ePKP	18 15 46.5	1.2		

SEP 20d 19h 16m  $09.2 \pm 0.08s$ , SD0.64 / 28  
 6.23 S  $\pm$  0.55km, 129.09 E  $\pm$  0.79km, h250  $\pm$  0.89km  
 Banda Sea (280)

GYA	39.1	327	P	19 23 15.0	0.5		
WHN	39.2	340	P	19 23 16.0	0.9		
NJ2	39.3	346	+P	19 23 16.8	0.9		
XAN	44.4	336	eP	19 23 56.2	-0.9		
TIY	46.4	342	-P	19 24 12.4	-0.6		
BJI	47.6	347	eP	19 24 21.5	-0.4		
GTA	52.9	332	eP	19 25 02.0	0.0		

SEP 20d 21h 11m  $21.0 \pm 0.14s$ , SD3.78 / 7  
 40.69 N  $\pm$  1.72km, 82.11 E  $\pm$  1.65km, h11  $\pm$  0.02km  
 Southern Xinjiang Province (321)

$M_L 3.1 / 7,$

WMQ	5.2	51	Pn	21 12 42.5	3.3		
			Sg	21 14 08.8	5.0		
			SMN	$M_L = 3.1$		1.0	0.020
			SME			0.8	0.020

SEP 20d 22h 43m  $26.7 \pm 0.10s$ , SD1.10 / 77  
 42.34 N  $\pm$  1.12km, 144.71 E  $\pm$  1.27km, h34  $\pm$  0.98km  
 Hokkaido region (224)

$M_s 4.5 / 10, m_b 5.6 / 5,$

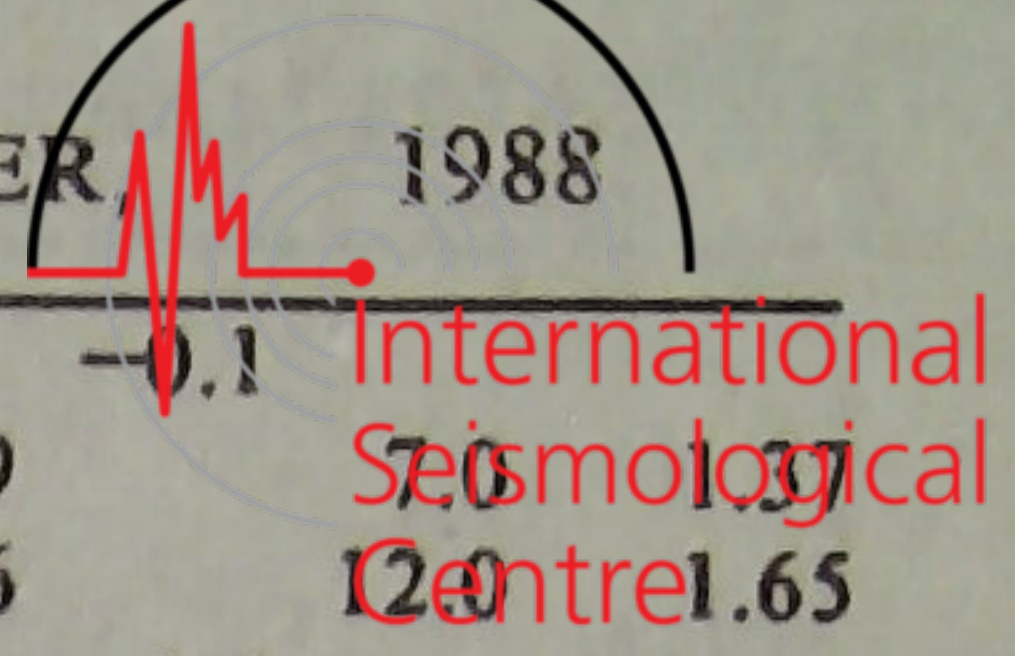
MDJ	11.2	287	eP	22 46 09.3	1.3		
			eS	22 48 12.0	-1.3		
			LZ	$M_s = 4.3$		20.0	2.40
CN2	14.2	282	-P	22 46 46.0	-1.2		
			sP	22 46 59.0	-0.3		
			eS	22 49 22.0	-2.1		
			LE	$M_s = 4.2$		14.0	0.80
SNY	15.7	275	+P	22 47 06.6	-0.6		
DL2	17.8	267	eP	22 47 34.0	-0.2		
BJI	21.6	274	eP	22 48 14.0	-1.5		
			eS	22 52 14.0	6.4		
			LE	$M_s = 4.6$		17.0	1.20
			LZ	$M_s = 4.3$		20.0	1.20
SSE	21.9	247	eP	22 48 18.0	-0.6		
			esS	22 52 27.0	-0.8		
			LE	$M_s = 4.5$		15.0	0.91
			LZ	$M_s = 4.3$		20.0	1.20
TIA	22.2	263	eP	22 48 19.6	-1.9		
NJ2	22.9	252	-P	22 48 27.3	-1.9		
			eS	22 52 32.0	-0.8		
			LN	$M_s = 4.7$		13.0	0.80
			LE			14.0	0.75
			LZ	$M_s = 4.8$		12.0	1.82
HHC	24.7	278	P	22 48 47.2	0.2		
TIY	25.1	270	-P	22 48 51.0	1.1		
			esS	22 53 25.5	1.1		
			LE	$M_s = 4.2$		12.0	0.28
BTO	25.9	278	P	22 48 59.0	0.7		
			sP	22 49 10.0	-1.4		
			eS	22 53 26.0	1.5		
			LN	$M_s = 4.7$		15.0	0.45
			LE			15.0	0.99
WHN	27.0	254	+iP	22 49 08.2	0.6		







		eS	*02 05	44.0	1.0				DL2	74.3	53	eP	12 17	15.8	-0.3			
		LN		$M_s = 5.0$		8.0	3.70		MDJ	75.6	44	eP	12 17	22.7	-0.5			
LSA	20.0	83	P	02 05	11.4	0.6			NJ2	76.5	60	eP	12 17	29.0	0.2			
WMQ	21.2	42	+P	02 05	23.5	0.0			QZN	77.6	76	eP	12 17	35.1	0.3			
		eS	02 09	15.0	2.1				SEP 22d 20h 32m $03.2 \pm 0.22s$ , SD2.76 / 13									
		sS	02 09	28.0	1.6				2.81 N $\pm$ 2.68km, 130.12 E $\pm$ 6.80km, h21 $\pm$ 0.78km									
		LZ		$M_s = 4.6$		14.0	1.50		Djailolo Gilolo (Halmahera) (267)									
GTA	27.8	60	eP	02 06	27.0	0.2			TIY	38.3	337	eP	20 39	28.3	3.3			
		LE		$M_s = 4.6$		12.0	0.54		BJI	39.2	343	eP	20 39	33.0	1.3			
		LZ		$M_s = 4.5$		12.0	0.76		LZH	41.1	327	eP	20 39	49.5	1.8			
CD2	30.7	78	eP	02 06	52.8	0.4			GTA	45.7	327	eP	20 40	20.3	-4.7			
GYA	34.0	85	P	02 07	20.8	-0.4			WMQ	55.4	324	P	20 41	40.6	1.3			
BTO	35.7	60	eP	02 07	37.0	0.9			SEP 22d 22h 28m $44.0 \pm 0.13s$ , SD1.48 / 45									
		esP	02 07	50.0	1.0				23.89 N $\pm$ 3.74km, 167.02 W $\pm$ 3.09km, h18 $\pm$ 0.70km									
		eS	02 13	13.0	2.3				Hawaiian Islands region (612)									
		LN		$M_s = 4.6$		13.0	0.32		MDJ	54.9	309	eP	22 38	20.5	3.8			
		LE				13.0	0.33					LZ		$M_s = 4.7$	20.0	0.70		
TIY	37.5	65	P	02 07	51.8	0.8			CN2	57.9	308	eP	22 38	36.5	-1.6			
		LZ		$M_s = 4.6$		12.0	0.60		SNY	59.5	306	eP	22 38	48.5	-0.3			
WHN	39.8	76	eP	02 08	09.5	-0.3						pP	22 38	54.0	-1.7			
BJI	40.4	62	eP	02 08	16.0	0.9						eS	22 46	52.0	-3.9			
CN2	47.3	56	eP	02 09	10.2	-0.3			NJ2	64.8	296	+P	22 39	29.5	4.7			
SEP 22d 09h 24m $51.2 \pm 0.14s$ , SD2.89 / 15									BJI	65.3	305	eP	22 39	27.0	-0.5			
45.25 N $\pm$ 1.17km, 117.15 E $\pm$ 1.13km, h14 $\pm$ 0.72km												eS	22 48	08.0	-1.0			
North-Eastern China (658)									TIA	65.3	300	eP	22 39	27.3	-0.6			
$M_L 3.9 / 11,$									HHC	68.5	306	eP	22 39	48.0	-0.4			
BJI	5.3	188	ePn	09 26	06.5	-3.2			TIY	68.6	303	eP	22 39	48.0	-0.9			
		ePg	09 26	25.0	1.0							S	22 48	50.0	1.7			
		eSg	09 27	30.0	-6.0							LZ		$M_s = 4.7$	22.0	0.52		
		SMN		$M_L = 3.7$		1.0	0.083		BTO	69.7	306	eP	22 39	55.6	-0.2			
		SME				1.0	0.077		XAN	72.4	300	eP	22 40	10.5	-1.1			
SNY	5.8	124	ePg	09 26	34.1	0.6			LZH	75.7	303	eP	22 40	31.0	0.0			
		Sg	09 27	45.7	-7.0							PMZ			3.0	0.25		
		SMN		$M_L = 3.9$		0.8	0.11					PcP	22 40	46.0	3.1			
		SME				0.8	0.090		GYA	76.6	293	P	22 40	35.4	-1.0			
CN2	6.1	101	Pg	09 26	40.2	1.0			GTA	77.6	308	eP	22 40	40.6	-1.0			
		SMN		$M_L = 3.8$		0.8	0.060		WMQ	84.1	315	P	22 41	15.0	-1.0			
		SME				0.8	0.070		SEP 23d 03h 39m $35.5 \pm 0.10s$ , SD1.23 / 74									
BTO	7.0	231	ePg	09 26	56.7	1.7			4.89 S $\pm$ 1.84km, 101.89 E $\pm$ 2.26km, h72 $\pm$ 0.56km									
		Sg	09 28	28.4	-2.1				South-west of Sumatera (273)									
TIY	8.3	207	ePg	09 27	23.0	4.7			$M_s 5.4 / 24, m_b 5.6 / 5, m_b 5.2 / 5,$									
		Sg	09 29	09.4	-2.4				QZN	25.0	18	eP	03 44	57.0	2.3			
		SMN		$M_L = 4.1$		1.0	0.040					sP	03 45	14.0	-5.9			
		SME				0.8	0.050					eS	03 49	14.0	2.8			
SEP 22d 12h 05m $36.7 \pm 0.19s$ , SD1.47 / 59												SS	03 50	15.0	0.4			
37.97 N $\pm$ 2.55km, 21.07 E $\pm$ 2.70km, h16 $\pm$ 0.45km												LN		$M_s = 5.3$	17.0	4.90		
Ionian Sea (399)									KMI	29.8	2	eP	03 45	39.5	0.7			
$m_b 5.1 / 1,$												pP	03 45	53.0	-2.2			
KSH	42.2	70	eP	12 13	31.0	-0.6						eS	03 50	36.0	6.4			
WMQ	49.5	61	P	12 14	29.0	-0.1						sS	03 50	54.0	-4.1			
LSA	57.6	76	-P	12 15	29.0	-0.2						LE		$M_s = 5.5$	14.0	4.70		
GTA	59.5	62	eP	12 15	41.6	-1.0						LZ		$M_s = 5.2$	20.0	5.10		
LZH	63.9	63	eP	12 16	11.5	-0.5												
		PMZ		$m_b = 5.1$		1.5	0.040		CD2	35.6	3	eP	03 46	28.2	-0.7			
BTO	65.9	57	eP	12 16	24.0	-0.9			WHN	37.2	18	P	03 46	42.7	0.8			
CD2	66.4	68	eP	12 16	28.0	-0.3						PMZ		$m_b = 5.2$	1.2	0.050		
HHC	66.8	56	eP	12 16	28.0	-2.6						pP	03 46	56.5	-2.6			
XAN	68.5	63	eP	12 16	40.0	-1.4						eS	03 52	24.0	0.8			
KMI	68.7	74	eP	12 16	42.5	-0.4						LN		$M_s = 5.3$	15.0	2.60		
TIY	69.0	58	-P	12 16	44.2	-0.2						LZ		$M_s = 5.3$	18.0	4.90		
BJI	70.2	54	eP	12 16	51.0	-0.6			XAN	39.3	9	+iP	03 46	59.0	-0.4			
GYA	71.0	71	-P	12 16	56.2	-0.3						LN		$M_s = 5.6$	13.0	2.99		
		pP	12 17	01.2	-1.6							LE			13.0	1.79		
CN2	73.7	47	+iP	12 17	12.0	-0.6			NJ2	40.1	23	+P	03 47	07.0	0.7			
SNY	73.8	49	eP	12 17	12.3	-0.7						S	03 53	07.0	0.4			
		pP	12 17	17.0	-2.5							LN		$M_s = 5.5$	16.0	3.05		



SSE	40.3	26	LE		16.0	1.25	GTA	19.5	82	P	04 51 08.0	-0.1			
			P	03 47 09.0	1.7					LN		$M_s=4.9$			
			PMZ	$m_b=5.2$		1.0				LZ		$M_s=4.6$		1.65	
			eS	03 53 16.0	6.6		LZH	23.4	89	eP	04 51 49.0	1.4			
			LE	$M_s=5.2$		16.0				PMZ		$m_b=5.4$	2.5	0.36	
			LZ	$M_s=5.1$		18.0				sP	04 51 59.5	1.1			
LZH	40.8	2	P	03 47 12.5	0.5					eS	04 55 52.5	-3.4			
			PMZ	$m_b=5.7$		2.0				LN		$M_s=5.1$	10.0	1.72	
			LN	$M_s=5.8$		17.0				LE			5.0	0.45	
			LE			16.0				LZ		$M_s=4.6$	14.0	1.30	
			LZ	$M_s=5.6$		16.0	6.40	CD2	25.3	101	P	04 52 07.7	1.5		
TIY	43.5	12	+P	03 47 34.5	0.4					LE		$M_s=4.9$	9.0	1.03	
			LN	$M_s=5.5$		14.0	0.93	BTO	27.1	76	eP	04 52 24.5	2.1		
			LE			14.0	2.29			pP	04 52 34.0	4.1			
			LZ	$M_s=5.3$		16.0	3.33			eS	04 57 00.0	2.4			
GTA	44.1	358	+iP	03 47 39.2	0.1					LN		$M_s=4.9$	14.0	0.94	
			LN	$M_s=5.4$		16.0	2.54			LE			11.0	0.82	
			LZ	$M_s=5.4$		18.0	4.27	KMI	27.8	113	-P	04 52 29.0	0.4		
BTO	45.9	9	eP	03 47 52.0	-1.1					sP	04 52 41.0	1.6			
			ePP	03 49 40.0	-1.4					eS	04 57 07.0	-1.5			
			eS	03 54 30.0	-1.7					LE		$M_s=4.9$	10.0	1.00	
			LN	$M_s=5.7$		15.0	3.71	XAN	28.0	91	-P	04 52 30.4	-0.4		
			LE			15.0	2.28			LE		$M_s=4.7$	13.0	0.90	
HHC	46.4	10	+iP	03 47 58.0	1.0					TIY	29.6	81	-P	04 52 44.4	-0.2
			PP	03 49 48.0	1.6					sS	04 57 44.5	-5.2			
			S	03 54 42.0	4.5					LN		$M_s=4.9$	10.0	0.83	
			sS	03 55 07.5	-1.3					GYA	29.8	106	P	04 52 46.6	-0.5
			LN	$M_s=5.7$		13.0	3.20	BJI	31.8	76	eP	04 53 04.5	0.0		
			LE			13.0	1.00	TIA	33.6	82	eP	04 53 19.6	-0.3		
BJI	46.6	15	+P	03 47 59.0	0.3					LE		$M_s=4.8$	14.0	0.90	
			ePP	03 49 52.0	3.2					WHN	33.6	93	eP	04 53 20.0	-0.3
			eS	03 54 44.0	2.2					DL2	36.2	76	eP	04 53 44.7	2.6
			LN	$M_s=5.6$		16.0	3.19	NJ2	36.5	88	eP	04 53 42.8	-1.7		
			LZ	$M_s=5.5$		16.0	4.40			LZ		$M_s=4.8$	12.0	0.97	
DL2	47.3	21	eP	03 48 04.0	0.2					QZN	36.7	114	eP	04 53 46.8	0.3
			eS	03 54 50.0	-0.9					eS	04 59 27.0	-1.3			
			LN	$M_s=5.5$		15.0	1.62	SSE	38.7	88	P	04 54 04.0	1.0		
			LE			15.0	2.16			PMZ		$m_b=5.2$	1.0	0.040	
WMQ	50.1	347	+iP	03 48 26.5	0.3					LN		$M_s=5.1$	14.0	1.16	
			S	03 55 36.6	6.3					LZ		$M_s=4.4$	16.0	0.44	
			LZ	$M_s=5.0$		22.0	1.64	MDJ	40.5	64	eP	04 54 19.5	1.0		
KSH	50.3	334	P	03 48 27.0	-0.2					S	05 00 26.0	0.7			
			pP	03 48 40.0	-4.7					LZ		$M_s=5.2$	12.0	1.90	
			PP	03 50 25.0	1.0					SEP 23d 06h 07m $21.3 \pm 0.13s$ , SD2.56 / 10 40.02 N $\pm 2.13km$ , 74.19 E $\pm 0.65km$ , h8 $\pm 1.62km$ Tadzhikistan-Xinjiang border region (719) $M_L 4.3 / 4$ ,					
			S	03 55 34.0	2.1					KSH	1.4	110	-iPg	06 07 45.5	-1.3
			LE	$M_s=5.1$		13.0	0.80			Sg	06 08 04.5	-1.7			
SNY	50.5	21	eP	03 48 25.0	-4.1					SMN		$M_L=4.4$	0.8	5.60	
CN2	52.9	21	+iP	03 48 46.0	-1.1					WMQ	10.8	65	eP	06 09 58.7	-0.4
			PMZ	$m_b=5.6$		4.0	0.30			SEP 23d 07h 46m $21.3 \pm 0.06s$ , SD1.51 / 42 11.46 N $\pm 4.01km$ , 124.58 E $\pm 2.43km$ , h53 $\pm 3.40km$ Leyte (256) $M_s 4.7 / 13$ ,					
			eS	03 56 12.0	2.5					QZN	16.1	300	eP	07 50 05.6	-0.1
			LN	$M_s=4.9$		15.0	0.50			eS	07 53 00.0	-1.3			
			LZ	$M_s=4.8$		19.0	0.90			sS	07 53 18.0	0.8			
MDJ	55.2	24	+iP	03 49 03.1	-0.7					LN		$M_s=4.6$	15.0	2.00	
			pP	03 49 17.0	-4.7					SSE	19.8	351	eP	07 50 50.5	0.3
			S	03 56 40.0	1.0					pP	07 51 04.0	2.6			
										eS	07 54 28.0	3.1			
										sS	07 54 42.0	0.4			
										LN		$M_s=4.9$	13.0	0.99	
										LE			14.0	1.93	
										NJ2	21.2	346	-P	07 51 05.8	1.3



MDJ	53.6	344	eP	11 38	18.0	-3.8		
			S	11 45	45.0	-5.7		
			LZ		$M_s=5.2$		20.0	2.40
KMI	53.8	308	eP	11 38	22.5	-1.1		
			LZ		$M_s=4.9$		20.0	1.00
CN2	54.1	340	eP	11 38	25.0	-0.6		
XAN	54.5	321	eP	11 38	25.4	-3.4		
BJI	54.7	331	eP	11 38	26.5	-3.9		
			eS	11 46	07.0	-0.6		
			LN		$M_s=5.0$		15.0	0.62
			LZ		$M_s=4.9$		20.0	1.03
TIY	54.9	326	eP	11 38	28.6	-3.4		
			S	11 46	10.0	0.8		
			LN		$M_s=4.9$		14.0	0.47
			LZ		$M_s=4.9$		24.0	1.35
HHC	57.7	328	eP	11 38	48.0	-3.5		
BTO	58.3	327	eP	11 38	51.0	-5.0		
			epP	11 39	04.0	-0.8		
			LN		$M_s=5.0$		16.0	0.44
			LE				16.0	0.45
LZH	59.0	319	eP	11 39	04.5	3.3		
			PMZ		$m_b=5.0$		2.0	0.040
			LZ		$M_s=4.8$		24.0	0.90
GTA	63.6	320	eP	11 39	29.3	-2.4		
WMQ	73.6	319	P	11 40	36.5	2.5		
			S	11 50	04.0	4.1		
			LZ		$M_s=4.8$		19.0	0.46
KSH	80.2	312	eP	11 41	10.5	-0.6		

SEP 25d 01h 04m  $22.4 \pm 0.14s$ , SD1.48 / 22  
 42.80 S  $\pm 1.97km$ , 86.12 W  $\pm 2.12km$ , h18  $\pm 0.82km$   
 Southern Pacific Ocean (692)

XAN	165.3	238	PKP	01 24	26.8	0.0		
CD2	165.8	217	ePKP	01 24	29.2	2.1		
GTA	174.4	235	ePKP	01 24	32.0	0.0		
			PKP2	01 26	07.2	2.1		
			ePP	01 29	58.0	-0.4		
WMQ	175.4	75	PKP	01 24	32.7	0.4		

SEP 25d 07h 01m  $14.4 \pm 0.04s$ , SD1.86 / 27  
 7.48 S  $\pm 0.76km$ , 109.41 E  $\pm 0.44km$ , h152  $\pm 0.42km$   
 Java (277)

GYA	33.8	356	P	07 07	46.4	1.7		
LSA	40.9	335	P	07 08	44.0	-0.2		
TIA	44.1	9	P	07 09	07.9	-1.3		
GTA	47.5	350	eP	07 09	35.8	-0.7		
BJI	47.7	7	P	07 09	36.5	-1.3		
			pP	07 10	10.5	-1.2		
WMQ	54.7	341	P	07 10	28.0	-2.7		

SEP 25d 09h 58m  $26.0 \pm 0.05s$ , SD1.48 / 7  
 23.14 N  $\pm 0.40km$ , 117.43 E  $\pm 0.29km$ , h31  $\pm 0.49km$   
 Near south-eastern coast of China (242)  
 $M_L 3.2 / 7$ ,

QZH	2.1	30	ePn	09 58	59.6	0.3		
			Sn	09 59	28.9	3.3		
			SMN		$M_L=3.2$		0.3	0.18
			SME				0.3	0.18

SEP 25d 19h 41m  $09.8 \pm 0.10s$ , SD1.36 / 49  
 36.39 N  $\pm 1.40km$ , 70.65 E  $\pm 1.54km$ , h144  $\pm 0.33km$   
 Hindu Kush region (718)  
 $m_b 5.1 / 1$ ,  $m_b 5.0 / 2$ ,

KSH	5.2	52	P	19 42	29.5	2.4		
			S	19 43	30.0	3.7		
WMQ	15.0	55	eP	19 44	34.7	-1.1		
			S	19 47	13.0	-4.6		
LSA	18.4	105	P	19 45	18.6	1.3		

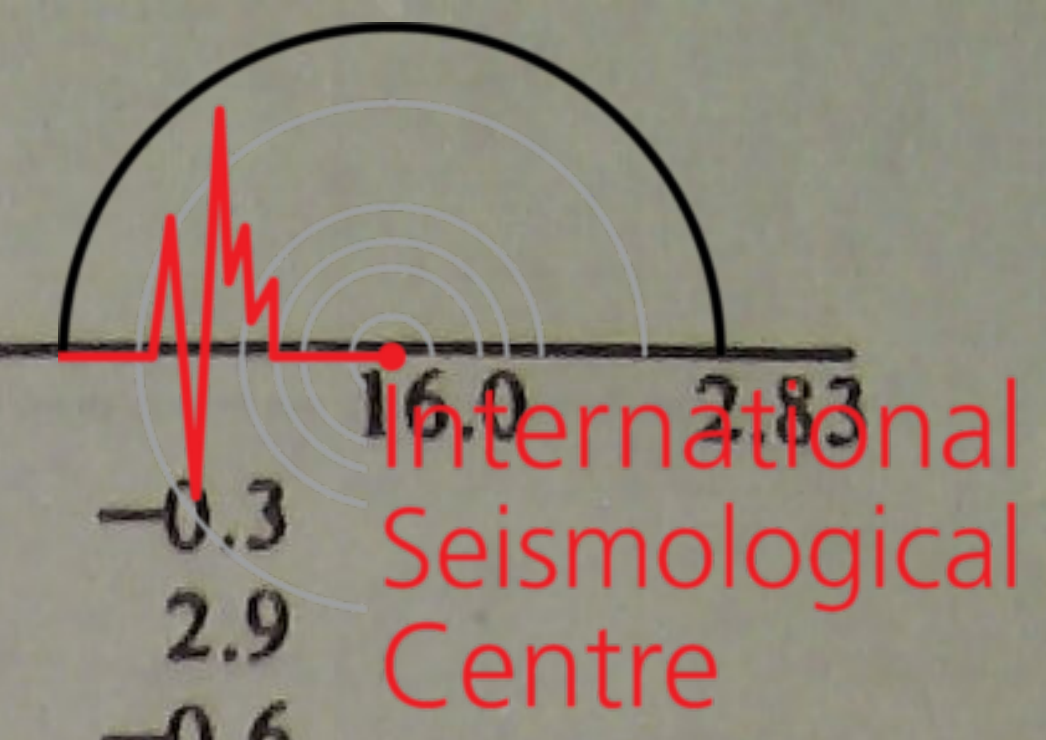
			S	19 48	33.0	-0.9		
			SME		$m_b=5.1$			
GTA	23.2	74	+iP	19 46	06.4	1.7		
BTO	30.9	70	eP	19 47	16.0	0.3		
XAN	31.2	83	eP	19 47	16.9	-1.3		
GYA	32.1	98	P	19 47	25.6	-0.6		
			pP	19 47	59.6	3.1		
			PcP	19 50	10.0	-1.3		
TIY	33.2	75	+P	19 47	35.2	0.0		
BJI	35.7	70	eP	19 47	57.0	0.8		
WHN	36.7	86	P	19 48	05.0	0.2		
NJ2	39.8	82	-iP	19 48	31.2	0.7		
			PMZ		$m_b=5.1$		0.8	0.029
DL2	40.0	71	eP	19 48	30.5	-2.0		
SNY	40.9	66	eP	19 48	39.2	-0.5		
SSE	42.0	82	eP	19 48	48.5	0.0		
			PMZ		$m_b=5.0$		0.7	0.020

SEP 25d 20h 05m  $32.5 \pm 0.08s$ , SD0.73 / 46  
 30.62 N  $\pm 0.75km$ , 137.69 E  $\pm 1.13km$ , h483  $\pm 0.20km$   
 South of Honshu (211)  
 $m_b 5.1 / 4$ ,

MDJ	15.4	338	eP	20 08	47.5	0.1		
DL2	15.6	306	eP	20 08	49.4	0.0		
SNY	15.9	318	-iP	20 08	54.0	0.8		
NJ2	16.2	280	+iP	20 08	55.3	-0.1		
			PMZ		$m_b=5.1$		1.0	0.061
CN2	16.4	327	+P	20 08	57.6	0.3		
TIA	18.0	293	P	20 09	14.3	0.2		
BJI	19.9	304	eP	20 09	31.0	-0.7		
WHN	20.1	276	eP	20 09	34.2	0.5		
TIY	22.0	296	+P	20 09	52.3	0.4		
HHC	23.5	303	eP	20 10	05.5	0.5		
XAN	24.5	286	-P	20 10	13.9	-0.5		
BTO	24.5	302	eP	20 10	13.3	-1.2		
GYA	27.5	269	-P	20 10	40.8	-0.4		
			S	20 14	46.4	-1.1		
CD2	29.1	279	-iP	20 10	54.5	-0.4		
GTA	32.0	296	-P	20 11	20.4	0.1		
WMQ	41.3	303	P	20 12	37.6	0.7		

SEP 25d 20h 52m  $15.2 \pm 0.10s$ , SD1.30 / 78  
 37.19 N  $\pm 1.42km$ , 71.88 E  $\pm 2.03km$ , h13  $\pm 0.41km$   
 Afghanistan-USSR border region (717)  
 $M_s 5.5 / 39$ ,  $m_b 5.4 / 2$ ,  $m_b 5.4 / 5$ ,

WMQ	13.7	56	+P	20 55	31.0	-1.4		
			S	20 58	02.0	-3.3		
			LN		$M_s=5.6$		8.0	8.85
			LE				10.0	10.1
			LZ		$M_s=5.2$		12.0	10.7
LSA	17.7	109	P	20 56	20.0	-4.0		
			pP	20 56	25.0	-3.5		
			S	20 59	35.0	-3.1		
			LE		$M_s=5.2$		9.0	3.86
GTA	22.0	76	+iP	20 57	11.6	0.2		
			sP	20 57	20.0	-0.1		
			LE		$M_s=5.3$		12.0	4.18
			LZ		$M_s=5.4$		14.0	9.04
LZH	25.6	83	eP	20 57	47.0	0.5		
			PMZ		$m_b=5.6$		1.5	0.24
CD2	27.1	94	eP	20 58	00.0	0.2		
			LE		$M_s=5.4$		14.0	5.06
KMI	28.9	106	eP	20 58	16.0	-0.5		
			pP	20 58	20.0	-2.1		
			S	21 03	11.0	6.8		
			LE		$M_s=5.5$		11.0	4.00
BTO	29.7	72	P	20 58	24.0	0.1		
			pP	20 58	29.5	-0.2		



Station	Mag	Depth (km)	Type	Time	Lat (N)	Long (E)	Depth (km)	Mag	Type	Time	Lat (N)	Long (E)	Depth (km)	Mag	Type		
XAN	30.2	85	PP	20 59 23.5				3.8									
			S	21 03 20.0				2.5									
			LN		$M_s = 5.8$	15.0	9.05										
			LE			15.0	5.32										
HHC	30.9	71	+P	20 58 26.8				-0.8									
			S	21 03 23.1				-1.2									
			LN		$M_s = 5.5$	12.0	1.57										
GYA	31.3	100	LE					13.0	3.69								
			eP	20 58 33.8				-0.2									
			PP	20 59 31.0				-3.6									
			S	21 03 37.0				1.5									
TIY	32.0	76	LN					$M_s = 5.6$	8.0	3.01							
			LE					8.0	1.40								
			+P	20 58 37.0				-0.6									
			S	21 03 45.6				3.7									
BJI	34.5	71	LN					$M_s = 5.5$	15.0	4.80							
			LE					15.0	2.50								
			LZ		$M_s = 5.0$	18.0	2.80										
			+P	20 58 43.4				-0.8									
WHN	35.7	88	S	21 03 53.0				-0.7									
			LE		$M_s = 5.1$	11.0	1.49										
			LZ		$M_s = 5.3$	17.0	4.78										
			eP	20 59 04.5				-0.7									
TIA	36.0	78	eS	21 04 35.0				2.6									
			LN		$M_s = 5.5$	12.0	3.42										
			LZ		$M_s = 5.1$	18.0	3.26										
			+P	20 59 15.5				0.1									
QZN	37.8	108	PMZ					$m_b = 5.3$	1.0	0.050							
			pP	20 59 20.0				-1.3									
			LN		$M_s = 5.6$	14.0	4.20										
			LZ		$M_s = 5.3$	18.0	4.30										
GZH	38.2	100	eP	20 59 18.0				-0.6									
			S	21 04 56.0				0.2									
			LN		$M_s = 5.7$	16.0	6.23										
			LE			16.0	2.74										
NJ2	38.7	83	eP	20 59 32.8				-0.2									
			eS	21 05 23.5				0.4									
			SS	21 07 59.0				2.1									
			LN		$M_s = 5.5$	21.0	4.56										
DL2	38.8	72	+P	20 59 36.7				-0.2									
			eS	21 05 32.0				2.0									
			LN		$M_s = 5.7$	14.0	4.20										
			LE			15.0	2.55										
SNY	39.7	67	-P	20 59 41.5				0.6									
			PMZ		$m_b = 5.1$	1.0	0.036										
			pP	20 59 45.5				-1.4									
			eS	21 05 37.0				-0.3									
CN2	40.7	63	LN					$M_s = 5.1$	11.0	0.92							
			LE			13.0	0.65										
			eP	20 59 42.3				0.3									
			S	21 05 42.0				3.5									
SSE	40.9	84	LZ					$M_s = 5.5$	18.0	7.01							
			eP	20 59 47.9				-1.1									
			eS	21 05 50.0				-2.0									
			eSS	21 08 40.0				0.8									
BJI	35.6	70	LN					$M_s = 5.6$	10.0	2.86							
			LE			9.0	0.80										
			+P	20 59 56.5				-0.8									
			eS	21 06 06.0				-1.1									
TIY	33.1	75	LN					$M_s = 5.2$	10.0	1.00							
			LZ		$M_s = 4.9$	20.0	1.60										
			eP	21 00 00.0				0.9									
			PMZ		$m_b = 5.4$	1.3	0.090										
MDJ	43.5	61	pP	21 00 04.5				-0.7									
			eS	21 06 12.0				1.7									
			sS	21 06 20.0				-0.4									
			LN		$M_s = 5.6$	14.0	3.30										
KSH	5.1	52	-iP	21 29 23.0				1.5									
			eS	21 30 22.0				1.0									
			-P	21 31 26.0				-0.5									
			PMZ		$m_b = 6.5$	4.0	7.47										
WMQ	14.9	55	sP	21 32 18.0				-2.0									
			S	21 34 06.0				0.5									
			+iP	21 32 08.1				1.1									
			S	21 35 25.0				4.3									
LSA	18.4	106	SME					$m_b = 6.3$	5.0	8.00							
			+iP	21 32 54.8				1.6									
			PMZ		$m_b = 6.4$	5.0	5.65										
			pP	21 33 36.5				0.1									
GTA	23.1	74	sP	21 33 55.0				-2.7									
			PcP	21 36 35.5				-0.9									
			sS	21 36 59.0				4.5									
			ScS	21 43 36.4				-1.3									
LZH	26.6	81	+iP	21 33 26.5				0.2									
			PMZ		$m_b = 6.2$	2.0	1.04										
			sP	21 34 33.0				0.9									
			S	21 37 45.0				1.7									
CD2	28.0	92	+iP	21 33 38.6				0.4									
			sP	21 34 44.5				0.2									
			S	21 38 08.0				3.4									
			+iP	21 33 52.5				-0.6									
KMI	29.6	103	PMZ					$m_b = 6.2$	4.0	2.10							
			sP	21 35 00.0				0.6									
			S	21 38 31.5				0.6									
			SME		$m_b = 5.9$	6.0	4.70										
BTO	30.8	70	sS	21 39 46.0				-0.5									
			ScS	21 44 06.0				0.1									
			+iP	21 34 05.0				1.5									
			S	21 38 55.0				5.1									
XAN	31.2	83	sS	21 40 11.5				5.8									
			+iP	21 34 05.5				-0.8									
			PMZ		$m_b = 6.1$	4.0	1.87										
			PP	21 35 13.0				-4.3									
HHC	32.0	70	PcP	21 36 54.3				-1.2									
			iS	21 38 58.5				2.6									
			ScP	21 40 15.7				-1.3									
			+iP	21 34 14.0				0.5									
GYA	32.1	98	PP	21 35 24.0				-3.5									
			S	21 39 13.0				5.3									
			+P	21 34 14.0				-0.5									
			PMZ		$m_b = 6.6$	2.0	2.60										
TIY	33.1	75	sP	21 35 21.0				-0.3									
			PcP	21 36 57.0				-1.1									
			S	21 39 08.4				-1.1									
			SME		$m_b = 5.9$	5.0	4.00										
BJI	35.6	70	ScP	21 40 20.0				-0.1									
			PcS	21 40 41.6				0.2									
			ScS	21 44 15.8				-2.2									
			+iP	21 34 23.0				-0.1									
BJI	35.6	70	PMZ		</												

			sP	21 35 48.0	-3.4					sP	21 37 05.0	-1.4			
			PcP	21 37 07.0	-0.9					PcP	21 37 36.0	-1.0			
			eS	21 40 06.0	2.0					S	21 42 22.0	5.4			
			ScP	21 40 32.0	-0.3					sS	21 43 40.0	3.4			
			PcS	21 40 55.0	1.3					SEP 26d 01h 29m 26.9 ± 0.13s, SD1.45 / 89					
			sS	21 41 22.0	1.9					24.03 N ± 1.76km, 126.68 E ± 1.38km, h14 ± 0.32km					
			ScS	21 44 38.0	1.6					Ryukyu Islands region (239)					
WHN	36.6	86	+iP	21 34 52.5	-0.3					M <sub>S</sub> 4.9 / 38, M <sub>L</sub> 4.9 / 8, m <sub>B</sub> 5.5 / 7,					
			PMZ	m <sub>B</sub> = 6.3		1.5	1.25		QZH	7.4	279	-iP	01 31 15.8	-1.9	
			sP	21 36 00.0	-0.3							SMN	M <sub>L</sub> = 4.9	0.6	0.61
			PP	21 36 28.0	6.3							SME		0.6	0.33
			S	21 40 20.0	0.9							LN	M <sub>S</sub> = 4.4	10.0	2.77
			SME	m <sub>B</sub> = 5.7		5.0	1.21					LZ	M <sub>S</sub> = 4.3	20.0	3.62
			ScP	21 40 35.0	-1.2				SSE	8.6	327	-iP	01 31 34.0	0.5	
			ScS	21 44 41.7	-0.6							PMZ	m <sub>B</sub> = 5.1	1.0	0.090
TIA	37.1	76	+P	21 34 57.4	0.6							S	01 33 06.0	-4.6	
			PMZ	m <sub>B</sub> = 5.8		5.0	1.48					SMN	M <sub>L</sub> = 4.7	1.2	0.16
			PcP	21 37 11.6	-0.9							SME		1.2	0.14
			S	21 40 27.5	1.2							LN	M <sub>S</sub> = 4.7	12.0	3.18
			SME	m <sub>B</sub> = 5.4		8.0	1.00					LE		12.0	4.34
			ScP	21 40 36.9	-1.0							LZ	M <sub>S</sub> = 4.7	16.0	6.64
			ScS	21 44 43.8	-1.1				NJ2	10.6	321	+P	01 32 01.8	0.6	
QZN	38.4	106	+iP	21 35 07.0	-1.0							S	01 33 54.0	-6.0	
			pP	21 35 51.0	-0.9							LN	M <sub>S</sub> = 4.7	13.0	3.59
			sP	21 36 15.0	-0.8							LE		11.0	2.26
			S	21 40 47.0	0.5				GZH	12.3	268	P	01 32 22.5	-1.9	
			eSS	21 43 40.0	3.3							LN		0.9	0.18
GZH	39.0	98	+iP	21 35 13.2	0.3							LE		1.0	0.18
			iS	21 40 58.0	1.8							PMZ	m <sub>B</sub> = 5.3	0.6	0.040
NJ2	39.7	82	+iP	21 35 18.6	0.2				WHN	12.7	303	-iP	01 32 31.2	0.6	
			PMZ	m <sub>B</sub> = 5.5		5.0	0.86					pP	01 32 34.5	-1.1	
			pP	21 36 02.0	-0.5							S	01 34 55.0	2.2	
			sP	21 36 25.0	-1.2							LE	M <sub>S</sub> = 4.6	10.0	2.00
			PcP	21 37 19.4	-1.3							LZ	M <sub>S</sub> = 4.7	18.0	5.50
			ScP	21 40 47.2	-0.7				TIA	14.7	328	+P	01 32 57.5	1.2	
			S	21 41 09.0	3.6							S	01 35 39.0	-0.2	
DL2	39.9	71	+iP	21 35 21.0	0.7							LN	M <sub>S</sub> = 4.9	11.0	1.97
			PMZ	m <sub>B</sub> = 5.7		5.0	1.13					LE		11.0	2.29
			PcP	21 37 20.0	-1.4							P	01 33 08.0	1.8	
			sS	21 42 30.0	2.9				DL2	15.4	345	P			
SNY	40.8	66	+iP	21 35 26.8	-0.6							LN	M <sub>S</sub> = 4.9	12.0	3.03
			PMZ	m <sub>B</sub> = 5.7		5.0	1.32					LE		12.0	1.69
			sP	21 36 34.0	-1.3				QZN	16.4	256	eP	01 33 19.8	0.8	
			PcP	21 37 23.2	-1.0							PP	01 33 34.0	2.0	
			ScP	21 40 51.5	-0.6							eS	01 36 21.5	0.6	
			S	21 41 20.0	-1.5							SS	01 36 35.0	-4.7	
			sS	21 42 40.0	0.0							LE	M <sub>S</sub> = 4.7	22.0	3.40
CN2	41.8	62	+P	21 35 35.4	-0.2				SNY	17.9	352	+iP	01 33 38.5	0.6	
			PMZ	m <sub>B</sub> = 5.7		6.0	1.70					PMZ	m <sub>B</sub> = 5.8	4.0	1.80
			pP	21 36 24.0	4.0							S	01 36 55.0	0.3	
			PcP	21 37 26.2	-1.4							LN	M <sub>S</sub> = 4.6	13.0	0.75
			ScP	21 40 54.5	-1.7							LE		13.0	1.24
			eS	21 41 37.0	-0.3							LZ	M <sub>S</sub> = 4.6	20.0	3.04
			ScS	21 45 09.0	-3.6				BJI	18.3	333	+P	01 33 42.5	0.7	
SSE	41.9	82	+iP	21 35 36.5	0.1							PMZ	m <sub>B</sub> = 5.7	4.0	1.60
			PMZ	m <sub>B</sub> = 6.2		4.0	3.10					eS	01 37 06.0	3.5	
			sP	21 36 45.0	0.6							LN	M <sub>S</sub> = 4.9	16.0	3.20
			PP	21 37 22.0	3.2							LZ	M <sub>S</sub> = 4.7	16.0	2.60
			S	21 41 40.0	2.3				GYA	18.3	282	+P	01 33 44.0	1.9	
			SMN	m <sub>B</sub> = 5.9		6.0	1.60					sP	01 33 51.2	0.4	
			sS	21 42 56.0	-0.6							S	01 37 09.0	6.8	
QZH	42.4	92	+iP	21 35 39.5	-0.6							LN	M <sub>S</sub> = 5.0	10.0	2.60
			PMZ	m <sub>B</sub> = 5.8		4.0	1.21					LZ	M <sub>S</sub> = 4.7	18.0	3.00
			sP	21 36 47.5	-0.7				TIY	18.3	322	+iP	01 33 43.0	0.7	
			S	21 41 44.0	-0.3							PMZ	m <sub>B</sub> = 5.8	1.2	0.57
			sS	21 43 00.0	-3.3							PP	01 33 56.5	-0.3	
MDJ	44.6	61	eP	21 35 57.5	-0.6							S	01 37 08.0	5.4	
			pP	21 36 40.0	-2.9							SS	01 37 28.0	2.0	













BTO	38.9	339	eP	03 23 09.0	1.2
MDJ	39.9	3	eP	03 23 15.5	-0.6
GTA	42.4	328	eP	03 23 36.0	-0.8
WMQ	52.1	325	P	03 24 52.8	0.5
KSH	57.5	315	eP	03 25 31.0	-1.1

SEP 30d 03h 23m 47.5 ± 0.21s, SD1.53 / 48  
19.69 S ± 2.48km, 68.78 W ± 2.64km, h107 ± 1.54km

Northern Chile (123)

KSH	143.8	49	ePKP	03 43 12.0	0.7
WMQ	148.9	34	PKP	03 43 20.5	0.6
MDJ	150.8	333	ePKP	03 43 22.0	-0.7
CN2	153.2	337	ePKP	03 43 26.0	-0.1
SNY	155.6	337	ePKP	03 43 33.3	4.0
GTA	158.0	24	PKP	03 43 32.7	0.0
HHC	158.9	359	ePKP	03 43 34.5	0.7
BJI	159.3	349	ePKP	03 43 33.0	-1.0
TIY	162.0	357	ePKP	03 43 37.0	0.1
LZH	162.4	20	ePKP	03 43 39.0	1.5
			pPKP	03 44 10.5	5.1
TIA	162.7	344	ePKP	03 43 37.8	0.2
XAN	165.6	8	ePKP	03 43 40.5	0.1
CD2	166.9	30	ePKP	03 43 42.2	0.7
WHN	168.8	346	ePKP	03 43 42.5	0.0
			pPKP	03 44 10.0	-0.8
			PKP2	03 44 50.0	-4.5
			pPKP2	03 45 19.0	
GYA	172.1	31	PKP	03 43 45.0	0.4

SEP 30d 04h 50m 02.9 ± 0.10s, SD0.85 / 44  
61.28 N ± 0.84km, 151.68 W ± 0.75km, h113 ± 0.83km

Southern Alaska (2)

$m_b$  5.3 / 4,

CN2	49.7	290	+P	04 58 45.0	-0.6
			pP	04 59 07.0	-4.7
DL2	55.3	289	eP	04 59 27.9	0.5
BJI	56.8	294	eP	04 59 38.0	-0.4
HHC	58.2	298	+P	04 59 48.5	0.5
BTO	59.0	299	eP	04 59 54.0	0.0
TIY	60.4	295	eP	05 00 03.0	-0.2
NJ2	62.2	286	-P	05 00 13.0	-2.4
			PMZ	$m_b = 5.4$	1.0 0.048
GTA	64.2	305	+iP	05 00 28.7	-0.1
WMQ	64.8	316	eP	05 00 33.5	1.1
XAN	65.0	295	P	05 00 32.7	-1.2
LZH	65.4	300	P	05 00 37.0	0.3
			PMZ	$m_b = 5.6$	1.5 0.13
WHN	65.6	289	P	05 00 37.0	-0.2
CD2	69.9	298	eP	05 01 04.4	-0.2
GYA	72.5	293	P	05 01 20.0	-0.1

SEP 30d 05h 45m 55.9 ± 0.17s, SD1.16 / 75  
4.83 S ± 1.49km, 144.69 E ± 1.81km, h95 ± 0.77km

New Guinea (202)

$m_b$  5.9 / 9,  $m_b$  5.6 / 5,

QZH	39.0	321	+P	05 53 16.0	1.2
			eS	05 59 08.0	1.4
GZH	41.3	313	P	05 53 36.0	1.9
			eS	05 59 44.0	2.7
QZN	41.7	306	eP	05 53 38.4	1.1
			sP	05 54 08.8	-1.7
			eS	05 59 50.0	2.8
SSE	42.2	329	+P	05 53 40.0	-1.2
			PMZ	$m_b = 5.4$	1.5 0.10
			sP	05 54 16.0	1.5
			sS	06 00 32.0	-0.4
			ScS	06 03 28.0	-2.8
			LE		18.0 0.90

NJ2	44.2	328	-P	05 53 59.0	1.7
			PMZ	$m_b = 5.4$	
			S	06 00 26.0	4.1
			sS	06 01 04.0	2.8
			LZ		11.0 0.62
WHN	45.6	322	eP	05 54 10.0	1.3
			PMZ	$m_b = 5.9$	4.0 0.63
			pP	05 54 33.0	2.2
			sP	05 54 47.0	4.9
			S	06 00 44.0	1.4
GYA	48.2	312	+P	05 54 30.5	1.2
			pP	05 54 56.0	4.7
			sP	05 55 08.0	5.4
TIA	48.3	330	eP	05 54 29.3	-0.7
			eS	06 01 21.0	-0.9
			LN		17.0 0.75
DL2	48.5	336	+P	05 54 31.0	-0.2
SNY	50.3	340	+iP	05 54 44.0	-1.1
			sP	05 55 16.0	-2.6
			eS	06 01 50.0	0.8
KMI	50.5	308	+P	05 54 48.5	1.6
MDJ	51.1	346	eP	05 54 49.5	-1.6
			pP	05 55 12.0	-1.5
			sP	05 55 24.0	-0.7
			iS	06 02 00.0	-0.1
			LZ		30.0 4.50
XAN	51.3	322	P	05 54 52.5	-0.7
			S	06 02 07.0	4.2
CN2	51.4	342	+P	05 54 53.0	-0.9
			PMZ	$m_b = 5.7$	5.0 0.50
			pP	05 55 14.5	-1.9
			eS	06 02 05.0	-0.2
			LE		15.0 0.50
BJI	51.8	332	eP	05 54 56.0	-0.5
			PMZ	$m_b = 5.8$	4.0 0.53
			epP	05 55 18.0	-1.1
			eS	06 02 09.0	-1.1
			esS	06 02 52.0	2.7
			LE		16.0 0.61
			LZ		40.0 1.90
TIY	51.9	327	-P	05 54 57.3	0.0
			pP	05 55 19.5	-0.3
			sP	05 55 29.0	-1.8
			sS	06 02 55.0	4.5
			LE		12.0 0.28
			LZ		28.0 1.78
CD2	52.8	315	P	05 55 04.7	0.3
			PMZ	$m_b = 6.0$	5.0 0.87
			epP	05 55 28.0	1.1
			eS	06 02 26.0	1.6
HHC	54.6	329	eP	05 55 17.8	-0.1
			pP	05 55 40.5	0.1
			sP	05 55 53.0	1.5
			eS	06 02 48.5	-0.7
			sS	06 03 33.0	4.6
			LZ		36.0 3.30
BTO	55.3	328	+iP	05 55 22.0	-0.3
			pP	05 55 44.0	-0.9
			eS	06 02 57.0	-0.3
			LN		15.0 0.37
			LE		15.0 0.38
LZH	55.8	320	+P	05 55 27.0	0.5
			PMZ	$m_b = 5.6$	2.0 0.17
			pP	05 55 52.0	2.9
			eS	06 03 08.0	2.9
			LZ		44.0 2.30
GTA	60.4	321	+P	05 55 58.0	-0.2



$m_b 4.8 / 1,$ SSE 42.2 329 P 18 37 40.0 -3.1 PMZ $m_b = 4.8$ 0.7 0.010 pP 18 38 02.5 -2.6 sP 18 38 12.5 -3.9 sS 18 44 37.0 2.7 WHN 45.6 322 -P 18 38 12.5 1.9 pP 18 38 31.5 -1.2 sP 18 38 42.5 -1.4 GYA 48.2 312 P 18 38 32.6 1.5 TIA 48.3 330 eP 18 38 31.3 -0.6 SNY 50.3 340 +P 18 38 46.0 -1.0 S 18 45 54.0 3.8 sS 18 46 30.0 -0.3 KMI 50.5 308 eP 18 38 50.0 1.3 MDJ 51.1 346 eP 18 38 50.0 -3.0 eS 18 46 00.0 -2.2 XAN 51.3 322 P 18 38 55.1 0.0 BJI 51.8 332 eP 18 38 57.5 -0.9 CD2 52.8 315 eP 18 39 06.8 0.6 BTO 55.3 328 eP 18 39 24.0 -0.2 LZH 55.8 320 eP 18 39 29.0 0.6 pP 18 39 51.5 0.5 GTA 60.4 321 P 18 40 00.0 -0.1 WMQ 70.4 320 +P 18 41 05.0 0.7							epP 21 58 24.0 2.0 S 22 05 50.0 -0.3 SME $m_b = 5.6$ 8.0 0.91 CN2 81.8 322 -iP 21 56 23.8 -0.1 pP 21 58 26.0 3.8 WHN 82.3 306 -iP 21 56 26.5 0.1 PMZ 3.0 0.96 iS 22 05 58.0 0.9 TIA 83.0 312 -P 21 56 29.8 -0.2 BJI 85.5 315 -P 21 56 42.5 0.1 PMZ 3.0 0.54 epP 21 58 46.0 4.1 eSKS 22 06 12.0 -0.9 eS 22 06 28.0 -0.4 GYA 86.6 299 -P 21 56 48.2 0.4 S 22 06 40.6 3.7 TIY 87.0 312 -iP 21 56 49.8 0.4 PMZ $m_b = 5.6$ 1.0 0.12 pP 21 58 44.0 -5.3 sP 21 59 42.0 -1.6 S 22 06 44.0 3.8 XAN 88.0 307 -iP 21 56 54.1 0.2 S 22 06 50.9 2.0 KMI 89.4 297 -P 21 57 01.5 0.7 PMZ $m_b = 6.2$ 2.0 0.70 S 22 07 07.0 5.2 BTO 90.0 313 P 21 57 03.0 -0.3 pP 21 59 08.0 4.0 S 22 07 09.0 2.1 CD2 90.7 302 eP 21 57 07.2 0.5 LZH 92.6 307 -P 21 57 16.0 0.6 PMZ $m_b = 6.0$ 1.5 0.22 pP 21 59 21.5 5.3 S 22 07 31.0 1.4 SME $m_b = 5.8$ 6.0 0.67 GTA 96.8 309 -P 21 57 33.8 -0.5 WMQ 106.7 311 eP 21 58 16.0 -2.2						
SEP 30d 20h 42m 57.9 ± 0.07s, SD1.14 / 43 19.87 S ± 1.69km, 134.14 E ± 1.99km, h5 ± km Northern Territory, Australia (591) $m_b 4.9 / 2,$ QZN 45.4 327 +P 20 51 20.8 0.9 GYA 53.2 329 P 20 52 20.0 -0.2 WHN 53.6 339 P 20 52 26.0 3.0 CD2 58.3 329 P 20 52 57.2 0.3 XAN 58.7 336 P 20 52 58.9 -1.0 TIY 60.8 340 eP 20 53 13.2 -0.9 BJI 61.9 344 eP 20 53 20.0 -1.5 LZH 62.6 333 P 20 53 27.0 0.7 PMZ $m_b = 5.1$ 1.5 0.040 BTO 64.2 340 eP 20 53 36.0 -0.8 LSA 64.4 319 P 20 53 39.6 1.3 GTA 67.1 332 +iP 20 53 56.0 0.3 WMQ 76.3 327 +iP 20 54 51.3 0.7 KSH 80.3 318 eP 20 55 13.0 0.8							SEP 30d 23h 14m 09.3 ± 0.10s, SD2.37 / 48 38.74 N ± 1.43km, 99.54 E ± 1.13km, h16 ± 0.20km Qinghai Province (325) $M_S 4.4 / 14, M_L 4.5 / 4,$ GTA 0.7 17 -iPg 23 14 25.4 3.2 Sg 23 14 35.5 3.7 SMN 4.0 7.98 SME 5.0 25.4 LZH 4.3 126 Pn 23 15 17.5 2.4 LN $M_S = 4.6$ 4.5 5.60 LE 8.0 3.50 BTO 8.3 74 eP 23 16 12.7 0.5 LN $M_S = 4.3$ 8.0 0.64 LE 9.0 1.36 CD2 8.5 155 eP 23 16 19.3 3.7 LE $M_S = 4.5$ 7.0 2.12 XAN 8.9 119 eP 23 16 17.6 -2.9 LN $M_S = 4.3$ 11.0 1.65 LE 9.0 0.85 HHC 9.5 73 eP 23 16 27.5 -1.3 eS 23 18 13.0 -3.3 SMN 1.0 0.50 SME 1.0 0.20 TIY 10.2 92 -P 23 16 37.0 -1.5 LN $M_S = 4.2$ 11.0 1.27 LZ $M_S = 4.1$ 12.0 1.08 WMQ 10.2 303 Pn 23 16 39.3 2.9 Sg 23 19 29.4 -1.0 SMN 1.0 0.22 SME 1.0 0.20						
SEP 30d 21h 45m 00.9 ± 0.11s, SD0.74 / 65 19.39 S ± 1.77km, 177.34 W ± 2.23km, h554 ± 0.53km Fiji region (181) $m_b 5.6 / 7, m_b 5.5 / 10,$ SSE 77.5 309 -iP 21 56 01.0 -0.2 PMZ $m_b = 5.1$ 1.0 0.090 S 22 05 04.0 -2.5 SME $m_b = 5.2$ 10.0 0.44 NJ2 79.7 309 -iP 21 56 13.0 0.1 PMZ $m_b = 5.5$ 1.0 0.23 S 22 05 30.0 0.8 GZH 79.7 299 -iP 21 56 13.8 0.6 MDJ 80.0 325 -iP 21 56 15.0 0.4 pP 21 58 13.0 0.7 sP 21 59 08.0 0.8 iS 22 05 35.0 1.0 SME $m_b = 6.1$ 6.0 2.40 SS 22 11 02.0 0.8 QZN 81.0 294 eP 21 56 20.5 0.8 DL2 81.4 316 -P 21 56 21.7 0.1 S 22 05 44.0 -2.3 SME $m_b = 5.6$ 8.0 0.81 SNY 81.8 320 -iP 21 56 23.0 -0.7													



BJI	12.9	79	eP	23 17 15.5	-0.1		
			LN		$M_s=4.4$	11.0	1.20
			LZ		$M_s=3.8$	14.0	0.53
GYA	13.6	152	P	23 17 23.6	-1.3		
TIA	14.2	95	eP	23 17 29.8	-2.3		
			LN		$M_s=4.4$	11.0	0.98
			LE			11.0	0.56
WHN	14.7	119	eP	23 17 38.4	0.1		
SNY	18.6	73	eP	23 18 29.8	1.8		
			LN		$M_s=4.6$	11.0	1.05
CN2	20.1	67	+P	23 18 46.4	1.1		