



Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μm)	Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μm)	
<p>JUL 1d 04h 05m 26.7 ± 0.04s, SD1.16 / 104 7.35 S ± 0.57km, 128.52 E ± 1.05km, h146 ± 0.09km Banda Sea m_b5.1 / 25,</p>								<p>JUL 2d 00h 33m 34.6 ± 0.05s, SD1.12 / 66 15.32 N ± 0.90km, 147.45 E ± 0.72km, h33 ± 0.17km Marianas m_b4.8 / 14,</p>								
QZN	32.0	325	eP	04 11 43.9	2.1			WHN	33.9	302	eP	00 40 16.5	-0.2			
GYA	39.7	329	P	04 12 48.0	1.0						sP	00 40 27.5	-2.5			
WHN	40.1	341	-eP	04 12 49.6	0.2			BJI	36.7	318	eP	00 40 40.5	-0.5			
			PMZ		m _b = 5.1	1.3	0.050	TIY	38.1	313	eP	00 40 53.5	0.7		1.4	0.024
CD2	44.8	329	P	04 13 28.2	0.0						PMZ		m _b = 4.8			
XAN	45.2	337	P	04 13 29.5	-1.4			XAN	39.4	305	+P	00 41 03.5	0.4			
TIY	47.3	343	-iP	04 13 47.4	-0.1			GYA	39.5	293	P	00 41 06.2	1.7			
BJI	48.5	347	eP	04 13 57.0	0.0			HHC	40.2	316	P	00 41 10.6	0.8			
			PMZ		m _b = 5.1	0.8	0.027	BTO	41.1	315	eP	00 41 19.0	1.5			
LZH	49.0	333	+iP	04 14 02.0	0.7			CD2	42.8	299	P	00 41 31.5	0.2			
			PMZ		m _b = 5.5	1.0	0.080	LZH	44.0	306	eP	00 41 41.0	0.1			
HHC	50.4	343	P	04 14 12.1	0.2						PMZ		m _b = 5.3	1.5	0.071	
CN2	51.0	357	P	04 14 16.0	0.1						sP	00 41 55.0	0.9			
MDJ	51.7	1	eP	04 14 19.0	-2.5			GTA	48.0	310	eP	00 42 13.3	0.7			
GTA	53.6	332	+iP	04 14 35.3	-0.1						PMZ		m _b = 4.8	1.2	0.017	
			PMZ		m _b = 5.2	0.8	0.032	WMQ	57.8	312	P	00 43 25.5	-0.1			
WMQ	62.9	328	-iP	04 15 40.5	0.4						sP	00 43 40.0	1.0			
											eS	00 51 25.0	3.8			
<p>JUL 1d 09h 58m 57.4 ± 0.04s, SD1.02 / 147 3.31 S ± 0.50km, 102.03 E ± 0.70km, h110 ± 0.39km Southern Sumatera m_b5.2 / 41,</p>								<p>JUL 2d 02h 01m 41.5 ± 0.13s, SD2.47 / 10 22.53 N ± 1.16km, 110.42 E ± 0.44km, h26 ± 0.24km Eastern China (664) M_L3.9 / 8,</p>								
QZN	23.5	19	eP	10 04 00.0	1.8			GZH	2.8	78	Pn	02 02 21.0	-3.5			
			eS	10 08 05.0	4.3						Pg	02 02 27.5	-2.8			
KMI	28.3	1	eP	10 04 44.5	1.3						Sn	02 02 59.8	1.1			
			PMZ		m _b = 5.0	1.5	0.050				SMN		M _L = 3.9	0.5	0.60	
			LZ			12.0	0.60				SME			0.5	0.47	
GYA	29.9	8	P	10 04 58.2	0.5			<p>JUL 2d 10h 03m 51.6 ± 0.05s, SD1.51 / 125 1.25 N ± 0.72km, 123.14 E ± 1.02km, h32 ± 0.12km Minahassa Peninsula (Celebes) (265) M_S5.2 / 40, m_b5.5 / 5, m_b4.8 / 23</p>								
CD2	34.1	3	P	10 05 32.8	-0.8			QZN	22.0	324	eP	10 08 45.0	0.4			
			S	10 10 47.6	-1.9						eS	10 12 43.0	2.6			
WHN	35.7	18	eP	10 05 47.6	0.6						LN		M _S = 5.2	14.0	4.80	
			eS	10 11 14.5	-0.4						LE			12.0	1.50	
XAN	37.7	9	+iP	10 06 03.0	-1.3			GZH	23.7	337	P	10 09 01.6	-0.1			
NJ2	38.6	23	+P	10 06 10.0	-1.9						sP	10 09 19.0	4.5			
			ScP	10 11 57.8	-0.6						S	10 13 10.0	-0.9			
LZH	39.2	2	eP	10 06 17.0	0.0						LN		M _S = 5.2	15.0	1.95	
			PMZ		m _b = 5.0	1.4	0.033				LE			12.0	3.20	
			PcP	10 08 24.0	0.1						LZ		M _S = 5.1	16.0	4.70	
			ScP	10 12 00.0	-0.7			QZH	24.0	350	eP	10 09 05.0	0.7			
			eS	10 12 08.0	-1.4						pP	10 09 17.0	3.9			
			LE			10.0	0.17				S	10 13 17.0	1.6			
			LZ			18.0	0.10				LN		M _S = 5.2	16.0	3.81	
TIY	41.9	12	-P	10 06 40.0	0.7						LE			16.0	3.02	
GTA	42.6	357	P	10 06 44.6	0.2						LZ		M _S = 5.1	16.0	5.34	
BTO	44.3	9	eP	10 06 58.9	0.4			SSE	29.7	357	P	10 10 00.0	2.4			
HHC	44.8	10	P	10 07 03.5	1.0						PP	10 10 58.0	3.6			
BJI	45.1	15	eP	10 07 04.5	0.2						eS	10 14 48.0	-2.7			
			PMZ		m _b = 5.0	1.0	0.024				LE		M _S = 4.9	14.0	1.60	
			epP	10 07 32.0	2.5						LZ		M _S = 4.7	20.0	1.80	
			eScP	10 12 23.0	-0.9			WHN	30.3	345	eP	10 10 03.0	0.4			
			eS	10 13 34.0	-0.5						S	10 14 56.7	-2.1			
			eScS	10 16 45.0	-1.7											
WMQ	48.6	346	+iP	10 07 33.0	0.4											
			ScP	10 12 40.0	1.1											
			S	10 14 24.5	0.2											
			ScS	10 17 11.2	1.1											
KSH	48.9	333	P	10 07 35.4	0.6											
			S	10 14 29.0	0.9											
SNY	49.0	21	eP	10 07 33.8	-1.5											
CN2	51.4	22	+iP	10 07 52.3	-1.3											

KMI	30.9	322	LN	$M_s = 5.4$	14.0	3.47	LSA	41.5	316	S	10 17 44.0	1.9	International Seismological Centre	
			LE		12.0	1.74				LN	$M_s = 5.4$	2.40		
			LZ	$M_s = 5.1$	16.0	3.21				LE		13.0		1.70
			+P	10 10 10.0	2.2	LZ				$M_s = 5.2$	15.0	2.30		
NJ2	30.9	353	sP		10 10 20.0	-0.5	CN2	42.4	2	eP	10 11 42.4	3.6		
			S		10 15 12.0	4.6				eS	10 17 57.0	4.0		
			LZ	$M_s = 5.1$	16.0	3.60				LN	$M_s = 4.8$	8.0		0.40
			eP	10 10 07.0	-0.9	eP				10 11 46.0	0.6			
CD2	34.8	330	S		10 15 12.0	3.9	GTA	43.5	334	epP	10 11 58.0	3.4		
			LN	$M_s = 5.1$	14.0	1.71				PcP	10 13 38.0	-0.2		
			LE		14.0	1.62				eS	10 18 03.0	-2.0		
			LZ	$M_s = 4.8$	16.0	1.53				ScS	10 21 41.0	-0.7		
XAN	35.2	339	eP		10 10 41.6	0.2	MDJ	43.6	7	LN	$M_s = 5.1$	14.0	1.00	
			sP		10 10 58.0	3.6				LE		14.0	0.90	
			S		10 16 03.0	-5.1				LZ	$M_s = 5.1$	15.0	1.80	
			PcS		10 16 59.0	-0.6				+P	10 11 54.6	-0.1		
DL2	37.5	358	LN	$M_s = 5.1$	12.0	1.70	WMQ	52.8	328	PMZ	$m_B = 5.7$	7.0	0.80	
			LZ	$M_s = 4.9$	18.0	2.10				PcP	10 13 43.0	1.1		
			P		10 10 44.6	-1.0				S	10 18 22.0	1.7		
			pP		10 10 59.0	4.4				sS	10 18 32.2	-4.3		
TIY	37.6	346	S		10 16 12.0	-3.5	KSH	51.8	10	ScS	10 21 50.0	1.4		
			LN	$M_s = 5.5$	16.0	2.40				LE	$M_s = 5.3$	16.0		1.98
			LE		15.0	4.30				LZ	$M_s = 5.3$	18.0		3.26
			eP		10 11 07.0	2.3				eP	10 11 54.0	-0.7		
LZH	39.0	335	S		10 16 52.0	1.6	GYA	55.0	46	pP	10 12 05.0	1.0		
			LN	$M_s = 5.0$	14.0	1.40				PP	10 13 36.0	-2.0		
			LZ	$M_s = 4.8$	16.0	1.20				eS	10 18 16.0	-5.6		
			eP		10 11 07.0	2.3				SMN		20.0		1.40
BJI	39.1	352	eP		10 11 05.5	-0.1	CD2	56.0	40	LE	$M_s = 5.0$	15.0	1.03	
			pP		10 11 17.0	2.3				LZ	$M_s = 4.9$	30.0	2.09	
			S		10 16 50.0	-1.9				P	10 13 06.5	-0.2		
			LN	$M_s = 5.3$	15.0	2.86				pP	10 13 20.0	4.2		
SNY	40.4	1	LZ	$M_s = 5.3$	17.0	4.08	WMQ	58.8	19	S	10 20 34.5	4.0		
			eP		10 11 18.0	0.5				ScS	10 22 50.5	0.8		
			PMZ	$m_b = 5.2$	2.4	0.11				LN	$M_s = 5.2$	14.0		1.05
			PMZ	$m_B = 5.3$	7.0	0.37				LZ	$M_s = 5.3$	16.0		2.08
HHC	40.8	347	pP		10 11 30.5	4.0	TIA	68.0	43	P	18 36 45.5	0.7		
			PP		10 12 51.0	0.1				eS	18 44 09.0	2.7		
			eS		10 17 14.0	-0.6				P	18 37 10.2	1.7		
			eS		10 17 14.0	-0.6				P	18 37 14.6	-0.7		
BTO	40.9	345	eSS		10 19 58.0	-2.6	TIY	65.8	39	PP	18 39 50.0	4.0		
			LN	$M_s = 4.9$	14.0	0.86				eS	18 45 41.0	1.7		
			LZ	$M_s = 5.0$	16.0	1.75				LZ	$M_s = 4.5$	24.0		0.46
			eP		10 11 17.0	-1.2				eP	18 37 41.0	-0.2		
DL2	37.5	358	PMZ	$m_b = 4.7$	1.2	0.016	BTO	66.3	36	PMZ	$m_b = 4.9$	2.0	0.032	
			LZ	$M_s = 5.2$	16.0	2.70				LZ	$M_s = 4.3$	18.0	0.20	
			eP		10 11 17.0	-1.2				eP	18 37 43.0	-0.4		
			esP		10 11 34.0	2.6				S	18 45 55.0	1.7		
HHC	40.8	347	eS		10 17 12.0	-4.0	WHN	62.9	47	LE	$M_s = 4.9$	15.0	0.42	
			eSS		10 19 58.0	-2.6				LZ	$M_s = 4.9$	20.0	0.96	
			LN	$M_s = 4.9$	14.0	0.86				P	18 37 51.5	-1.0		
			LZ	$M_s = 5.0$	16.0	1.75				eP	18 38 02.9	-0.1		
BTO	40.9	345	S		10 17 32.0	-2.1	BJI	69.6	39	eP	18 38 22.2	-0.2		
			SMN		10.0	0.77				S	18 47 10.0	3.0		
			LN	$M_s = 5.2$	16.0	1.68				LZ	$M_s = 4.9$	14.0		0.60
			LE		15.0	1.11				eP	18 38 24.0	-1.1		
BTO	40.9	345	LZ	$M_s = 5.0$	19.0	2.27	DL2	72.4	43	P	18 38 32.2	0.4		
			eP		10 11 30.0	-2.2				eP	18 38 35.2	-0.7		
			sP		10 11 43.0	-2.2				eP	18 38 45.0	-0.7		
			PP		10 13 15.0	5.5				PMZ	$m_b = 5.1$	1.5		0.031
BTO	40.9	345	S		10 17 43.5	3.6	DL2	72.4	43	eS	18 47 52.0	-1.1		
			sS		10 17 57.0	1.0				eP	18 39 06.0	2.9		
			LN	$M_s = 5.2$	15.0	1.82								
			LE		15.0	0.87								
BTO	40.9	345	LZ	$M_s = 5.1$	18.0	2.54								
			eP		10 11 34.5	1.1								
			pP		10 11 45.0	2.6								
			ePP		10 13 15.0	4.0								

JUL 2d 18h 27m 33.4 ± 0.04s, SD1.18 / 182
 11.67 S ± 1.42km, 65.63 E ± 0.92km, h7 ± 0.16km
 Mid-Indian Rise (429)
 $M_s 4.9 / 2, m_b 5.2 / 70,$



SNY	75.2	41	eP	18 39 17.2	-2.1		
CN2	77.4	40	+iP	18 39 30.5	-1.2		
MDJ	80.4	41	-P	18 39 47.5	-0.6		
			PMZ		$m_b = 5.2$	1.0	0.025

JUL 2d 21h 55m $58.9 \pm 0.03s$, SD1.24 / 30
 25.45 N $\pm 0.50km$, 124.82 E $\pm 0.36km$, h142 $\pm 0.51km$
 South-western Ryukyu Islands (246)
 $m_b 4.7 / 8$,

WHN	10.6	301	eP	21 58 29.0	1.6		
TIY	16.1	322	+P	21 59 41.7	2.6		
BJI	16.3	336	eP	21 59 41.0	0.6		
			PMZ		$m_b = 4.0$	1.0	0.0070
CN2	18.3	1	+iP	22 00 04.4	-0.4		
			PMZ		$m_b = 4.8$	1.0	0.040
GTA	25.2	310	eP	22 01 12.5	-0.7		

JUL 2d 23h 47m $43.0 \pm 0.03s$, SD1.26 / 178
 37.27 N $\pm 0.92km$, 72.90 E $\pm 0.44km$, h31 $\pm 0.10km$
 Afghanistan-USSR border region (717)
 $M_s 4.9 / 26$, $M_L 5.1 / 1$, $m_b 4.9 / 1$,

KSH	3.3	46	Pg	23 48 40.5	-0.7		
			Sg	23 49 24.0	-1.8		
WMQ	13.0	55	-iP	23 50 48.0	-0.8		
			PP	23 50 59.5	0.4		
			S	23 53 15.0	2.1		
			sS	23 53 28.0	3.7		
			LZ		$M_s = 4.4$	20.0	2.88
LSA	17.0	111	eP	23 51 37.2	-3.2		
			S	23 54 41.0	-5.0		
			sS	23 54 53.0	-5.1		
			SS	23 55 00.0	-6.8		
			LN		$M_s = 5.0$	10.0	3.19
			LE			10.0	1.25
GTA	21.2	76	+iP	23 52 29.5	0.9		
			S	23 56 22.5	5.5		
			LN		$M_s = 4.7$	10.0	1.09
			LZ		$M_s = 4.4$	20.0	1.56
LZH	24.8	83	P	23 53 05.2	1.1		
			PMZ		$m_b = 4.2$	2.0	0.017
			PMZ		$m_b = 4.9$	6.0	0.29
			pP	23 53 12.0	-0.5		
			sP	23 53 19.0	2.6		
			eS	23 57 24.0	1.7		
			SME			9.0	0.062
			sS	23 57 37.0	1.0		
			SS	23 58 19.0	-0.1		
			LN		$M_s = 4.8$	8.0	0.66
			LE			12.0	1.09
			LZ		$M_s = 4.5$	21.0	1.45
CD2	26.3	95	eP	23 53 18.8	1.1		
			eS	23 57 48.0	1.7		
			esS	23 58 00.0	-0.6		
			LN		$M_s = 4.9$	12.0	1.60
KMI	28.1	107	eP	23 53 36.0	1.1		
			S	23 58 18.0	2.4		
			LZ		$M_s = 4.6$	13.0	1.00
BTO	28.9	72	eP	23 53 43.0	1.0		
			eS	23 58 31.0	1.5		
			LN		$M_s = 5.1$	13.0	1.60
			LE			15.0	1.60
			LZ		$M_s = 4.9$	15.0	2.20
XAN	29.3	85	+P	23 53 45.2	-0.4		
			S	23 58 39.0	4.0		
			LN		$M_s = 4.8$	9.0	0.40
			LE			10.0	0.70
HHC	30.1	71	eP	23 53 52.5	0.3		
			S	23 58 45.5	-1.2		

			LN		$M_s = 5.0$	12.0	1.40
			LE			14.9	1.20
GYA	30.5	101	P	23 53 55.6	-0.3		
			pP	23 54 02.2	-2.4		
			S	23 58 59.4	6.2		
			LN		$M_s = 4.7$	16.0	0.90
			LE			16.0	0.30
TIY	31.2	77	+P	23 54 02.8	0.5		
			S	23 59 10.5	5.9		
			sS	23 59 24.0	3.8		
			LN		$M_s = 4.7$	12.0	0.84
BJI	33.7	72	eP	23 54 24.0	0.4		
			PMZ		$m_b = 4.7$	1.0	0.012
			ePcP	23 57 02.0	-0.7		
			eS	23 59 46.0	2.3		
			LN		$M_s = 4.7$	14.0	0.69
			LZ		$M_s = 4.7$	20.0	1.50
WHN	34.8	89	eP	23 54 33.0	-0.6		
			sP	23 54 44.0	-2.4		
TIA	35.2	78	eP	23 54 38.2	1.3		
NJ2	37.9	84	eP	23 54 58.8	-0.5		
			eS	24 00 50.0	1.5		
			LZ		$M_s = 4.6$	20.0	0.92
DL2	38.0	72	eP	23 55 01.4	0.8		
SNY	38.9	67	eP	23 55 07.3	-0.4		
			epP	23 55 12.4	-4.3		
			LE		$M_s = 4.8$	12.0	0.65
			LZ		$M_s = 4.9$	17.0	1.41
CN2	39.9	64	eP	23 55 16.5	0.3		
			eS	24 01 20.0	0.7		
			LZ		$M_s = 4.9$	13.0	1.10
SSE	40.1	84	eP	23 55 17.2	-0.4		
			eS	24 01 22.0	0.3		
			LN		$M_s = 4.8$	12.0	0.60
			LZ		$M_s = 4.6$	20.0	0.80
MDJ	42.7	62	eP	23 55 35.0	-4.3		
			LZ		$M_s = 5.1$	20.0	2.33

JUL 3d 02h 38m $32.5 \pm 0.04s$, SD1.22 / 120
 15.72 N $\pm 0.93km$, 148.01 E $\pm 0.64km$, h22 $\pm 0.11km$
 Marianas region (215)
 $M_s 4.6 / 3$, $m_b 5.0 / 35$,

SSE	28.9	307	P	02 44 31.0	-1.1		
			PMZ		$m_b = 4.8$	1.0	0.019
			eS	02 49 17.0	-2.9		
			LZ		$M_s = 4.2$	20.0	0.60
QZH	29.0	293	eP	02 44 34.0	0.7		
			eS	02 49 22.0	-0.1		
MDJ	32.7	335	eP	02 45 06.7	0.3		
CN2	33.9	330	eP	02 45 16.0	-0.6		
WHN	34.1	302	+iP	02 45 19.0	0.7		
			PMZ		$m_b = 5.1$	0.7	0.020
			sP	02 45 32.0	2.9		
QZN	36.5	281	eP	02 45 39.4	0.7		
			eS	02 51 19.0	-0.4		
BJI	36.8	317	eP	02 45 40.5	-0.6		
			LZ		$M_s = 4.2$	20.0	0.42
XAN	39.6	305	-P	02 46 04.5	0.2		
GYA	39.9	293	P	02 46 07.8	0.9		
HHC	40.3	316	P	02 46 10.0	-0.1		
BTO	41.2	315	eP	02 46 17.5	-0.3		
			eS	02 52 30.0	-0.2		
CD2	43.1	299	P	02 46 33.8	0.7		
KMI	43.3	290	-P	02 46 36.5	1.6		
			PMZ		$m_b = 5.2$	2.0	0.070
			LZ		$M_s = 4.4$	20.0	0.50
LZH	44.1	306	P	02 46 42.5	0.5		
			PMZ		$m_b = 5.5$	2.0	0.14

		pP	02 46	52.5	3.2				XAN	55.6	319	P	07 54	53.0	-0.7									
		eS	02 53	13.0	-0.7							S	08 02	34.0	1.2									
		LN		$M_s=4.6$	10.0	0.24						sS	08 02	54.0	-2.0									
		LZ		$M_s=4.3$	20.0	0.40						LN		$M_g=5.9$	15.0	5.10								
GTA	48.1	309	eP	02 47	13.3	-0.1			TIY	55.8	324	eP	07 54	53.8	-1.5									
		LE		$M_s=4.7$	15.0	0.42						sS	08 02	56.0	-2.8									
		LZ		$M_s=4.6$	26.0	0.83						LN		$M_g=5.3$	22.0	2.00								
WMQ	57.9	312	P	02 48	27.0	1.0						LZ		$M_g=5.3$	22.0	2.74								
		eS	02 56	22.0	-1.4				CD2	57.4	313	P	07 55	06.6	0.0									
<p>JUL 3d 07h 45m $20.3 \pm 0.04s$, SD1.33 / 120 $6.13 S \pm 0.63km$, $149.82 E \pm 0.94km$, $h51 \pm 0.10km$ New Britain region (192) $M_s 5.1 / 22$, $m_b 4.8 / 2$, $m_b 5.1 / 29$</p>																								
		eS	07 59	45.0	2.2							eS	08 02	57.0	-0.9									
		sS	08 00	02.0	-2.5							LZ		$M_g=4.8$	22.0	0.77								
		LZ		$M_s=4.9$	26.0	2.12			HHC	58.4	327	P	07 55	11.8	-2.3									
		P	07 53	40.0	-1.2							S	08 03	12.0	1.7									
SSE	46.0	325	eS	08 00	28.0	6.1						sS	08 03	35.0	1.2									
		esS	08 00	43.0	-0.7							LN		$M_g=5.4$	20.0	1.46								
		eSS	08 03	46.0	7.0							LE			20.0	0.99								
		LN		$M_s=5.4$	20.0	2.00						LZ		$M_g=5.1$	32.0	2.45								
		LE			20.0	2.60			LZH	60.2	318	eP	07 55	26.0	0.0									
		LZ		$M_s=5.2$	20.0	2.80						PMZ		$m_b=4.8$	1.5	0.017								
QZH	43.3	317	eP	07 53	20.0	0.5						PMZ			14.0	0.25								
		eS	07 59	45.0	2.2							sP	07 55	39.0	-5.1									
		sS	08 00	02.0	-2.5							eS	08 03	36.0	1.9									
		LZ		$M_s=4.9$	26.0	2.12						LE		$M_s=5.0$	13.0	0.45								
		P	07 53	40.0	-1.2							LZ		$M_s=5.1$	22.0	1.50								
		eS	08 00	28.0	6.1							LZ		$M_s=5.1$	22.0	1.50								
		esS	08 00	43.0	-0.7				GTA	64.7	319	eP	07 55	55.4	-0.4									
		eSS	08 03	46.0	7.0							LE		$M_s=4.9$	15.0	0.42								
		LN		$M_s=5.4$	20.0	2.00						LZ		$M_s=4.9$	26.0	1.00								
		LE			20.0	2.60						LZ		$M_s=4.9$	26.0	1.00								
		LZ		$M_s=5.2$	20.0	2.80			WMQ	74.7	318	eP	07 57	00.0	2.6									
QZN	46.6	303	eP	07 53	47.0	1.0						pP	07 57	09.0	-1.4									
		eS	08 00	33.0	2.4							PcP	07 57	12.5	2.2									
		LE		$M_s=5.2$	20.0	1.80						LZ		$M_s=5.0$	24.0	1.01								
		LZ		$M_s=5.2$	20.0	1.80																		
NJ2	48.1	324	-P	07 53	59.0	1.7																		
		eS	08 00	50.0	-1.0																			
		LN		$M_s=5.3$	18.0	1.33																		
		LE			19.0	1.43																		
		LZ		$M_s=4.8$	22.0	1.26																		
WHN	49.8	319	eP	07 54	12.0	1.2																		
		pP	07 54	22.0	-1.5																			
		eS	08 01	19.5	4.2																			
		esS	08 01	35.0	-2.3																			
		LE		$M_s=5.3$	20.0	2.15																		
		LZ		$M_s=4.8$	24.0	1.22																		
DL2	51.9	332	eP	07 54	24.0	-2.2																		
		LZ		$M_s=4.9$	20.0	1.21																		
TIA	52.1	326	eP	07 54	27.8	-0.1																		
		LN		$M_s=5.4$	20.0	1.60																		
		LE			20.0	1.80																		
		LZ		$M_s=5.1$	22.0	2.10																		
SNY	53.4	336	+P	07 54	36.0	-1.7																		
		sP	07 54	52.0	-3.9																			
		eS	08 02	08.0	3.5																			
		LN		$M_s=5.1$	30.0	1.32																		
		LE			26.0	0.93																		
		LZ		$M_s=4.8$	30.0	1.47																		
MDJ	53.7	342	eP	07 54	38.5	-1.3																		
		PMZ		$m_b=5.2$	1.0	0.030																		
		PP	07 56	41.0	-0.3																			
		eS	08 02	09.0	0.6																			
		sS	08 02	28.0	-2.4																			
		LZ		$M_s=5.1$	28.0	2.21																		
CN2	54.4	338	eP	07 54	44.5	-0.2																		
		pP	07 54	54.0	-3.6																			
		eS	08 02	19.0	1.6																			
		LN		$M_s=5.0$	17.0	0.60																		
		LE			17.0	0.50																		
		LZ		$M_s=4.9$	22.0	1.30																		
BJI	55.4	329	eP	07 54	52.0	-0.4																		
		eS	08 02	34.0	2.5																			
		esS	08 02	51.0	-2.7																			
		LN		$M_s=5.0$	18.0	0.84																		
		LZ		$M_s=5.0$	28.0	1.73																		
<p>JUL 3d 15h 38m $17.9 \pm 0.04s$, SD0.82 / 127 $22.23 S \pm 0.46km$, $179.70 W \pm 0.34km$, $h574 \pm 0.48km$ South of Fiji (171) $m_b 4.9 / 35$,</p>																								
		LZ		$M_s=5.1$	30.0	1.32																		
		LE			26.0	0.93																		
		LZ		$M_s=4.8$	30.0	1.47																		
		eP	07 54	12.0	1.2																			
		pP	07 54	22.0	-1.5																			
		eS	08 01	19.5	4.2																			
		esS	08 01	35.0	-2.3																			
		LE		$M_s=5.3$	20.0	2.15																		
		LZ		$M_s=4.8$	24.0	1.22																		
DL2	51.9	332	eP	07 54	24.0	-2.2																		
		LZ		$M_s=4.9$	20.0	1.21																		
TIA	52.1	326	eP	07 54	27.8	-0.1																		
		LN		$M_s=5.4$	20.0	1.60																		
		LE			20.0	1.80																		
		LZ		$M_s=5.1$	22.0	2.10																		
SNY	53.4	336	+P	07 54	36.0	-1.7																		
		sP	07 54	52.0	-3.9																			
		eS	08 02	08.0	3.5																			
		LN		$M_s=5.1$	30.0	1.32																		
		LE			26.0	0.93																		
		LZ																						

		PMZ	$m_b = 5.8$	1.0	0.17			PP	18 39 10.0	3.5		
		pP	18 35 44.0	0.1				eS	18 42 55.0	-0.7		
		sP	18 35 54.0	0.3				LE	$M_s = 4.4$	13.0	0.41	
		eS	18 38 08.0	2.2				LZ	$M_s = 4.2$	34.0	1.00	
		LN	$M_s = 4.4$		12.0	0.74	GYA	30.0 261	P	18 38 15.4	-1.3	
		LE			17.0	1.33		PMZ	$m_b = 5.5$	1.0	0.10	
		LZ	$M_s = 4.2$		16.0	1.29		S	18 43 08.6	1.8		
DL2	14.9 287	P	18 35 44.0	2.6			CD2	30.6 271	eP	18 38 20.2	-2.0	
		S	18 38 31.0	6.0				LN	$M_s = 4.6$	8.0	0.41	
		LE	$M_s = 4.5$		12.0	1.34		LZ	$M_s = 4.4$	16.0	0.62	
		LZ	$M_s = 3.9$		24.0	0.91	QZN	31.5 246	eP	18 38 30.6	0.6	
SSE	16.5 258	-P	18 36 03.0	2.4				eS	18 43 29.0	-2.5		
		PMZ	$m_b = 5.1$		1.3	0.11		LN	$M_s = 4.6$	15.0	0.77	
		PMZ	$m_b = 5.0$		5.0	0.40	GTA	31.9 289	-P	18 38 32.8	-0.5	
		sP	18 36 26.0	1.7				LE	$M_s = 4.3$	11.0	0.24	
		eS	18 39 04.0	3.7				LZ	$M_s = 4.4$	32.0	1.14	
		esS	18 39 20.0	-2.4			KMI	33.7 262	-P	18 38 48.2	-1.3	
		LE	$M_s = 4.1$		12.0	0.50		S	18 44 05.0	-0.2		
		LZ	$M_s = 4.1$		20.0	0.92		LZ	$M_s = 4.4$	20.0	0.80	
NJ2	18.0 264	-P	18 36 19.5	-0.3			WMQ	40.4 298	-iP	18 39 46.0	0.8	
		PMZ	$m_b = 4.6$		0.8	0.025		pP	18 39 59.0	-4.5		
		pP	18 36 35.6	0.4				eS	18 45 51.0	3.3		
		sP	18 36 45.0	1.2			LSA	41.2 276	P	18 39 54.6	1.9	
		eS	18 39 33.0	-2.0			KSH	49.9 294	P	18 41 02.0	0.7	
		LE	$M_s = 4.1$		12.0	0.48	JUL 3d 19h 39m 02.8 ± 0.06s, SD2.57 / 21					
		LZ	$M_s = 3.8$		22.0	0.44	39.74 N ± 0.65km, 118.65 E ± 0.58km, h7 ± 0.12km					
TIA	18.5 278	P	18 36 25.0	-1.0			North-Eastern China (658)					
		PMZ	$m_b = 4.9$		1.4	0.080	$M_s 4.1 / 1, M_L 3.5 / 18,$					
		eS	18 39 52.2	5.0			BJI	1.9 280	Pn	19 39 35.0	-1.3	
		LE	$M_s = 4.3$		13.5	0.80		Pg	19 39 37.0	0.1		
		LZ	$M_s = 4.3$		14.0	1.00		Sg	19 40 01.0	-2.2		
BJI	19.3 289	eP	18 36 32.0	-2.0			DL2	2.5 109	Pg	19 39 46.0	-0.2	
		PMZ	$m_b = 5.3$		1.5	0.26		eSg	19 40 26.5	6.7		
		epP	18 36 48.0	-0.1				SMN	$M_L = 3.6$	0.7	0.45	
		eS	18 40 04.0	1.6				SME		0.6	0.20	
		eSS	18 40 32.0	1.0			TIA	3.7 199	ePn	19 40 02.4	1.4	
		LZ	$M_s = 4.0$		32.0	1.06		Sg	19 40 58.6	-0.7		
QZH	21.5 245	eP	18 36 55.0	-2.0				SMN	$M_L = 2.9$	0.3	0.025	
		epP	18 37 14.0	0.2				SME		0.3	0.035	
		eS	18 40 45.0	-0.6			SNY	4.3 59	ePn	19 40 10.2	1.4	
		LZ	$M_s = 4.2$		20.0	0.87		Sn	19 40 59.0	-2.1		
WHN	22.1 263	-eP	18 37 03.6	0.0				Sg	19 41 23.7	6.6		
		PMZ	$m_b = 5.1$		0.6	0.060		SMN	$M_L = 3.5$	0.6	0.098	
		pP	18 37 23.6	3.1				SME		1.0	0.078	
		S	18 40 58.2	1.1			TIY	5.3 249	ePn	19 40 23.2	0.9	
		LZ	$M_s = 4.3$		13.0	0.63		Sg	19 41 46.8	-0.9		
TIY	22.2 283	-P	18 37 01.9	-2.0				SMN	$M_L = 3.3$	0.6	0.050	
		sP	18 37 28.0	-2.5				SME		0.6	0.020	
		S	18 41 02.0	4.6			HHC	5.5 284	ePg	19 40 42.6	1.9	
		LN	$M_s = 4.2$		13.0	0.48		Sg	19 41 50.0	-6.0		
		LZ	$M_s = 4.4$		19.0	1.36		SMN	$M_L = 3.9$	1.0	0.10	
HHC	22.8 291	eP	18 37 08.2	-2.2				SME		0.8	0.11	
		PP	18 37 37.0	-5.3				LN	$M_s = 4.1$	6.0	1.20	
		LN	$M_s = 4.3$		10.0	0.17		LE		7.0	0.47	
		LE			13.0	0.45	CN2	6.5 49	ePn	19 40 36.1	-3.2	
		LZ	$M_s = 4.3$		32.0	1.80		Sn	19 41 51.2	-4.9		
BTO	24.0 290	eP	18 37 19.0	-2.6				Sg	19 42 29.2	2.6		
		LN	$M_s = 4.3$		12.0	0.30		SMN	$M_L = 4.0$	1.0	0.099	
		LE			12.0	0.30		SME		1.0	0.075	
		LZ	$M_s = 4.1$		12.0	0.40	JUL 4d 02h 24m 41.5 ± 0.04s, SD1.13 / 410					
XAN	25.5 275	P	18 37 35.4	-1.0			25.39 N ± 0.64km, 124.54 E ± 0.52km, h136 ± 0.34km					
		PMZ	$m_b = 5.2$		1.0	0.070	South-western Ryukyu Islands (246)					
		S	18 42 00.0	4.7			$m_b 6.1 / 23, m_b 5.7 / 139,$					
		LE	$M_s = 4.4$		10.0	0.43	QZH	5.4 267	+iP	02 26 00.5	-0.8	
GZH	26.5 248	eP	18 37 44.9	0.1				S	02 27 01.0	-1.7		
LZH	29.2 281	eP	18 38 08.5	-1.3				SMN		1.5	4.58	
		PMZ	$m_b = 5.1$		1.5	0.056						
		pP	18 38 23.5	-3.9								

SSE	6.4	333	SME			1.5	3.25	BJI	16.2	336	LZ							
			-iP	02 26	15.0	0.3						-P	02 28	24.5	1.8			
			PMZ		$m_b = 6.2$		1.0				1.10	PMZ		$m_b = 6.2$		2.0	2.02	
			PMZ		$m_B = 6.4$		4.0				6.70	PMZ		$m_B = 6.2$		4.0	4.04	
			S	02 27	30.0	3.2						esP	02 28	58.0	-2.4			
			SMN				1.4				1.58	eS	02 31	20.0	2.2			
			SME				1.4				1.00	eScP	02 36	32.0	1.9			
			LN				5.0				5.60	ScS	02 40	10.0	2.0			
			LE				6.0				8.30	LN				8.0	1.82	
			LZ				10.0				4.30	LZ				24.0	2.23	
NJ2	8.3	324	-P	02 26	40.6	0.3		SNY	16.4	357	-iP	02 28	26.8	1.5				
			PMZ		$m_b = 6.4$		0.8				0.94	PMZ		$m_b = 5.8$		1.6	0.69	
			PMZ		$m_B = 6.1$		5.0				2.95	PMZ		$m_B = 6.2$		4.0	4.67	
			sP	02 27	09.5	-4.1						S	02 31	28.5	6.5			
			S	02 28	09.5	-3.1						SMN				13.0	2.02	
			LN				5.0				5.72	SME				20.0	5.39	
			LE				5.0				8.17	ScS	02 40	10.0	1.5			
			LZ				12.0				2.43	LN				8.0	0.86	
			-iP	02 27	09.0	1.3						LE				11.0	1.84	
			PMZ		$m_b = 6.3$		1.4				0.96	LZ				14.0	1.77	
WHN	10.4	302	PMZ		$m_B = 6.3$		4.0	2.58	CN2	18.4	2	-iP	02 28	48.7	0.1			
			sP	02 27	41.5	-0.8						PMZ		$m_b = 5.8$		1.0	0.50	
			S	02 29	03.0	1.3						PMZ		$m_B = 5.9$		3.5	2.00	
			LN				6.0	20.8				sP	02 29	26.0	-1.9			
			LE				6.0	9.76				ScP	02 36	35.0	0.4			
			LZ				10.0	2.53				S	02 32	07.0	1.5			
			+P	02 27	08.8	-0.3						SMN				6.0	2.30	
			PMZ		$m_b = 5.7$		0.8	0.13				SME				6.0	4.00	
			S	02 29	03.7	-0.5						ScS	02 40	16.0	1.7			
			LN				7.0	8.80				-P	02 28	53.4	-0.1			
GZH	10.5	260	LE				6.0	3.00	HHC	18.8	328	PMZ		$m_b = 6.3$		1.0	1.49	
			LZ				10.0	2.53				S	02 32	16.0	1.2			
			+P	02 27	08.8	-0.3						LN				5.0	1.85	
			PMZ		$m_b = 5.7$		0.8	0.13				LE				7.0	1.57	
			S	02 29	03.7	-0.5						-iP	02 28	56.0	-0.6			
			LN				7.0	8.80				PMZ		$m_b = 6.1$		0.8	0.70	
			LE				6.0	3.00				PP	02 29	23.4	3.5			
			LZ				10.0	2.53				S	02 32	25.0	4.2			
			-iP	02 27	09.0	1.3						sS	02 32	31.4	1.9			
			PMZ		$m_b = 6.3$		1.4	0.96				LE				5.0	3.80	
TIA	12.5	331	PMZ		$m_B = 6.3$		4.0	2.58	CD2	19.1	291	LZ				8.0	3.70	
			sP	02 27	41.5	-0.8						-iP	02 28	59.5	-0.1			
			S	02 29	03.0	1.3						PMZ		$m_B = 5.9$		4.0	2.40	
			LN				6.0	20.8				S	02 32	27.0	0.7			
			LE				6.0	9.76				PcP	02 33	18.0	2.9			
			LZ				10.0	2.53				LN				8.0	2.10	
			+P	02 27	08.8	-0.3						LE				8.0	2.60	
			PMZ		$m_b = 5.7$		0.8	0.13				-P	02 29	01.0	-0.7			
			S	02 29	03.7	-0.5						PMZ		$m_b = 5.7$		1.0	0.40	
			LN				7.0	8.80				PP	02 29	31.0	4.4			
DL2	13.7	350	LE				6.0	3.00	MDJ	19.6	11	iS	02 32	37.0	6.2			
			LZ				10.0	2.53				-P	02 29	04.0	1.1			
			-iP	02 27	09.0	1.3						PMZ		$m_b = 6.0$		1.5	1.10	
			PMZ		$m_b = 6.3$		1.4	0.96				PMZ		$m_B = 6.0$		3.0	0.60	
			PMZ		$m_B = 6.3$		4.0	2.58				pP	02 29	29.0	-0.7			
			sP	02 27	41.5	-0.8						S	02 32	38.0	6.1			
			S	02 29	03.0	1.3						LN				5.0	7.70	
			LN				6.0	20.8				LE				5.0	2.00	
			LE				6.0	9.76				LZ				14.0	1.10	
			LZ				10.0	2.53				-iP	02 29	13.0	0.1			
GZH	10.5	260	-iP	02 27	08.8	-0.3			LZH	20.7	306	PMZ		$m_b = 5.8$		1.5	0.67	
			PMZ		$m_B = 5.7$		0.8	0.13				PMZ		$m_B = 6.0$		4.0	2.80	
			S	02 29	03.7	-0.5						pP	02 29	38.0	-4.7			
			LN				7.0	8.80				PP	02 29	41.5	0.1			
			LE				6.0	3.00				eS	02 32	53.0	1.4			
			LZ				10.0	2.53				SME				6.0	1.56	
			+P	02 27	08.8	-0.3						LN				6.0	4.90	
			PMZ		$m_b = 5.7$		0.8	0.13				LZ				26.0	2.90	
			S	02 29	03.7	-0.5												
			LN				7.0	8.80										
TIA	12.5	331	LE				6.0	3.00										
			LZ				10.0	2.53										
			-iP	02 27	37.6	1.6												
			PMZ		$m_b = 6.0$		1.7	0.57										
			PMZ		$m_B = 6.2$		7.0	3.40										
			LN				7.0	1.60										
			LE				7.0	3.10										
			LZ				12.0	2.30										
			-iP	02 27	54.0	2.8												
			PMZ		$m_b = 6.4$		1.2	0.91										
DL2	13.7	350	PMZ		$m_B = 6.4$		3.0	3.27										
			S	02 30	26.0	6.0												
			SMN				7.0	2.75										
			SME				5.0	1.12										
			ScS	02 40	02.0	0.6												
			LN				6.0	0.94										
			LE				7.0	1.90										
			LZ				10.0	1.09										
			-iP	02 27	54.0	2.8												
			PMZ		$m_b = 6.4$		1.2	0.91										
QZN	15.0	248	PMZ		$m_B = 6.4$		3.0	3.27										
			S	02 30	26.0	6.0												
			SMN				7.0	2.75										
			SME				5.0	1.12										
			ScS	02 40	02.0	0.6												
			LN				6.0	0.94										
			LE				7.0	1.90										
			LZ				10.0	1.09										
			eP	02 28	07.5	-0.4												
			sP	02 28	43.0	-1.8												
TIY	16.0	323	eS	02 30	50.0	-0.7												
			-iP	02 28	23.0	2.3												
			PMZ		$m_b = 6.0$		1.4	0.90										
			PMZ		$m_B = 6.2$		6.0	6.41										
			sP	02 29	00.0	1.9												
			LN				7.0	2.67										
			-P	02 28	21.4	0.3												
			PMZ		$m_b = 5.7$		1.0	0.32										
			PMZ		$m_B = 6.1$		6.0	5.00										
			S	02 31	17.0	2.9												
XAN	16.1	306	LN				5.0	8.43										
			LE				5.0	3.81										
			-P	02 28	21.4	0.3												
			PMZ		$m_b = 5.7$		1.0	0.32										
			PMZ		$m_B = 6.1$		6.0	5.00										

GTA	25.0	310	-iP	02 29	54.0	-0.8		
			PMZ		$m_b = 5.8$		2.0	0.53
			PMZ		$m_b = 5.7$		6.0	1.19
			PP	02 30	37.0	-1.5		
			S	02 34	04.0	-1.6		
			SS	02 35	15.0	-2.2		
			LN				9.0	3.32
			LZ				11.0	2.47
LSA	29.9	286	P	02 30	39.4	0.4		
			pP	02 31	07.5	0.3		
			sP	02 31	23.5	0.1		
			S	02 35	27.0	3.5		
			LN				9.0	0.85
WMQ	35.1	311	-iP	02 31	23.0	-0.9		
			pP	02 31	52.2	-1.1		
			PP	02 32	46.0	1.0		
			eS	02 36	46.0	0.0		
			ScP	02 37	27.5	3.9		
			SS	02 39	08.0	-0.6		
			LN				8.0	1.65
			LE				8.0	1.41
KSH	42.9	301	+iP	02 32	29.5	1.0		
			sP	02 33	12.0	-2.3		
			S	02 38	45.5	3.9		
			LN				10.0	1.40

JUL 4d 07h 31m $34.7 \pm 0.04s$, SD1.16 / 59
 $2.87 S \pm 0.54km$, $127.17 E \pm 0.85km$, $h70 \pm 0.16km$
 Buru (271)
 $m_b 4.9 / 13$,

GYA	35.3	327	P	07 38	27.4	2.2		
WHN	35.4	341	eP	07 38	27.0	0.7		
NJ2	35.6	348	eP	07 38	28.5	0.4		
			pP	07 38	44.0	-0.8		
KMI	36.6	321	-P	07 38	38.0	1.6		
CD2	40.3	328	eP	07 39	07.6	0.1		
XAN	40.5	336	P	07 39	09.0	-0.2		
TIY	42.6	343	eP	07 39	26.8	0.4		
			eS	07 45	50.0	5.6		
			LZ		$M_s = 4.2$		14.0	0.24
BJI	43.9	348	eP	07 39	36.0	-0.5		
LZH	44.5	333	P	07 39	41.5	0.1		
			PMZ		$m_b = 5.1$		1.5	0.042
			pP	07 39	55.0	-3.1		
CN2	46.5	358	eP	07 39	59.0	1.7		
LSA	47.3	316	P	07 40	06.0	2.0		
GTA	49.0	332	P	07 40	17.5	0.3		
WMQ	58.4	327	-iP	07 41	26.0	-0.1		

JUL 4d 21h 17m $38.3 \pm 0.07s$, SD2.89 / 16
 $40.88 N \pm 0.77km$, $110.17 E \pm 0.59km$, $h11 \pm 0.06km$
 Northern China (323)
 $M_L 3.4 / 11$,

BTO	0.3	203	-iPg	21 17	44.6	0.5		
			Sg	21 17	49.0	0.7		
HHC	1.1	91	-iPg	21 17	54.4	-2.9		
			Sg	21 18	07.0	-4.6		
TIY	3.6	150	ePn	21 18	33.8	-1.0		
			Pg	21 18	39.9	-2.2		
			Sg	21 19	24.7	-6.9		
			SMN		$M_L = 3.7$		0.5	0.25
			SME				0.4	0.16
BJI	4.7	98	ePg	21 18	59.0	-1.6		
			Sg	21 19	59.0	-5.2		
			SMN		$M_L = 3.3$		0.5	0.038
			SME				0.5	0.041
XAN	6.9	189	Pn	21 19	22.2	2.3		
			Pg	21 19	44.5	4.4		

			Sg	21 21	09.0	-5.4		
			SMN		$M_L = 3.2$		1.0	0.010
			SME				0.6	0.010
GTA	8.1	263	eP	21 19	34.2	-4.4		

JUL 5d 13h 07m $53.1 \pm 0.09s$, SD1.51 / 42
 $9.70 N \pm 0.94km$, $125.02 E \pm 1.13km$, $h31 \pm 0.10km$
 Mindanao (259)
 $M_s 4.3 / 11$, $m_b 4.7 / 6$,

QZH	16.3	339	eP	13 11	42.0	0.1		
			eS	13 14	42.0	0.1		
			sS	13 14	53.0	-0.4		
			LZ		$M_s = 4.1$		16.0	0.83
QZN	17.4	304	eP	13 11	55.0	0.1		
			eS	13 15	08.0	2.4		
			LN		$M_s = 4.3$		11.0	0.40
			LE				14.0	0.60
SSE	21.6	351	eP	13 12	41.5	-0.8		
			eS	13 16	36.0	1.1		
			sS	13 16	48.0	-0.5		
			LE		$M_s = 3.9$		12.0	0.20
			LZ		$M_s = 4.0$		18.0	0.50
NJ2	23.0	346	eP	13 12	56.1	0.1		
			sP	13 13	11.6	2.9		
			eS	13 16	59.0	-1.1		
			LE		$M_s = 4.3$		11.0	0.44
WHN	23.0	336	eP	13 12	56.5	0.1		
			pP	13 13	06.5	1.5		
			eS	13 17	03.0	2.3		
			LN		$M_s = 4.3$		12.0	0.35
			LE				12.0	0.29
XAN	28.4	331	P	13 13	49.3	2.3		
CD2	28.9	320	eP	13 13	53.6	1.7		
SNY	32.0	358	eP	13 14	17.0	-2.3		
			eS	13 19	30.0	1.9		
			LN		$M_s = 4.6$		15.0	0.41
			LE				15.0	0.58
			LZ		$M_s = 4.2$		18.0	0.47
LZH	32.6	327	eP	13 14	24.5	0.3		
			PMZ		$m_b = 4.7$		2.0	0.025
			LZ		$M_s = 3.8$		30.0	0.30
CN2	34.0	1	eP	13 14	37.0	0.8		
MDJ	35.0	6	eP	13 14	44.5	-0.6		
GTA	37.2	327	eP	13 15	02.6	-0.9		
			LE		$M_s = 4.4$		11.0	0.24
			LZ		$M_s = 4.2$		18.0	0.35
WMQ	46.9	323	eP	13 16	21.8	-1.2		

JUL 5d 22h 41m $20.0 \pm 0.05s$, SD1.41 / 161
 $0.04 S \pm 0.70km$, $124.22 E \pm 1.05km$, $h70 \pm 0.26km$
 Minahassa Peninsula (Celebes) (265)
 $M_s 4.4 / 8$, $m_b 5.3 / 42$,

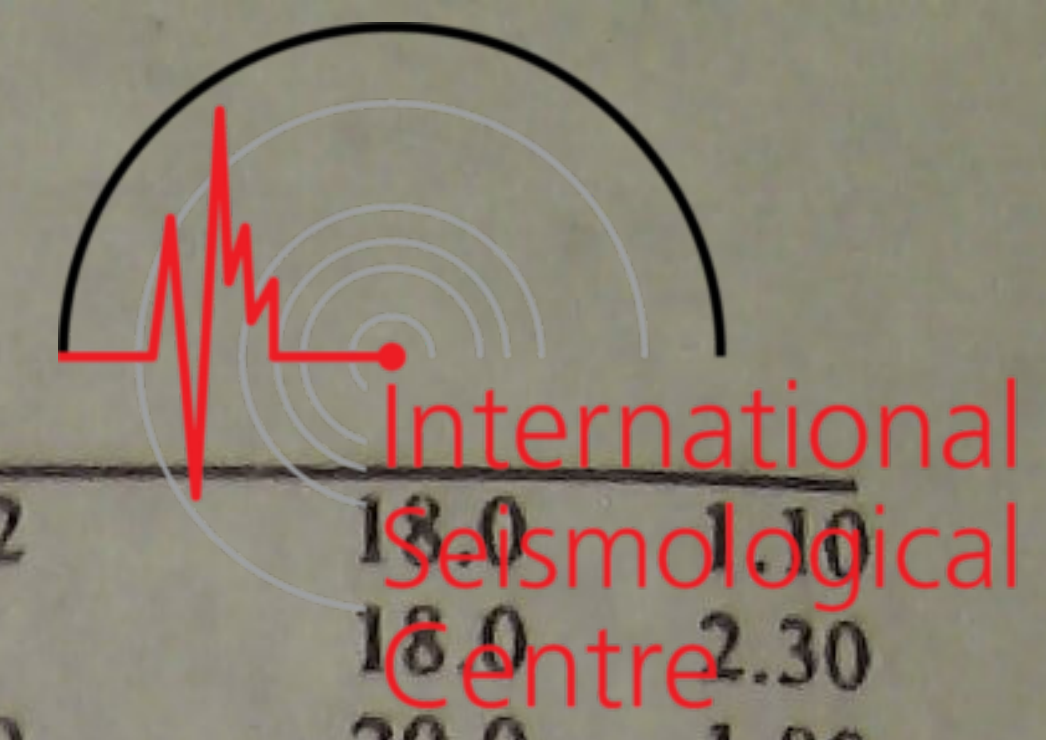
QZN	23.6	324	eP	22 46	27.0	1.2		
			sP	22 46	47.0	-3.4		
			eS	22 50	34.0	1.8		
			LN		$M_s = 4.4$		12.0	0.60
GZH	25.3	336	eP	22 46	42.0	0.1		
			PMZ		$m_b = 5.4$		0.8	0.080
			S	22 51	02.0	2.2		
QZH	25.4	348	eP	22 46	43.0	0.0		
SSE	31.1	355	eP	22 47	34.5	0.3		
			LZ		$M_s = 4.2$		20.0	0.50
GYA	31.3	329	P	22 47	37.4	1.2		
			pP	22 47	52.0	-0.5		
			sP	22 47	57.0	-4.2		
			PcP	22 50	29.4	1.1		
			S	22 52	40.0	3.9		
WHN	31.8	344	+eP	22 47	41.0	0.4		

		pP	22 47 53.5	-3.6				S	00 28 23.0	6.3		
		S	22 52 47.0	2.7				SMN		7.0		1.90
		LE			$M_s=4.5$	12.0	0.50	SME		7.0		1.10
NJ2	32.3 351	eP	22 47 47.5	2.6				LN	$M_s=5.5$	12.0		3.70
		LZ			$M_s=4.0$	22.0	0.31	LE		12.0		2.20
KMI	32.5 322	+P	22 47 48.5	1.5				LZ	$M_s=5.2$	16.0		3.50
		PMZ			$m_b=5.1$	1.5	0.050	QZH	33.3 18	eP	00 23 00.0	0.4
		sS	22 53 25.0	0.3				eS	00 28 16.0		-2.6	
CD2	36.4 330	P	22 48 20.2	0.3				LN	$M_s=5.1$	14.0		1.70
		PMZ			$m_b=5.4$	1.0	0.060	LE		14.0		1.44
		eS	22 53 54.0	-2.0				LZ	$M_s=5.0$	14.0		2.13
XAN	36.8 339	P	22 48 22.0	-1.4				WHN	37.7 9	+P	00 23 39.0	1.4
TIY	39.1 345	eP	22 48 41.5	-1.1				PMZ		$m_b=5.2$	1.5	0.060
		LE			$M_s=4.7$	19.0	0.80	PMZ		$m_b=5.8$	5.0	0.90
		LZ			$M_s=4.5$	24.0	0.80	pP	00 23 46.5		3.0	
BJI	40.6 350	eP	22 48 53.0	-1.5				PP	00 25 06.0		0.2	
		PMZ			$m_b=5.1$	1.0	0.030	S	00 29 27.0		0.6	
		ScP	22 54 39.0	1.6				esS	00 29 34.0		-3.2	
		LZ			$M_s=4.3$	36.0	0.84	LN	$M_s=5.4$	14.0		1.16
LZH	40.6 334	+P	22 48 55.3	0.0				LE		12.0		2.74
		PMZ			$m_b=5.3$	1.6	0.076	LZ	$M_s=5.1$	16.0		2.38
		pP	22 49 10.0	-2.0				CD2	37.8 354	eP	00 23 39.2	0.6
		sP	22 49 17.5	-3.1				pP	00 23 45.0		0.5	
		PcP	22 50 57.0	1.1				PP	00 25 12.0		4.8	
SNY	41.7 359	-P	22 49 02.4	-1.3				S	00 29 30.4		2.2	
		LN			$M_s=4.4$	30.0	0.59	LN	$M_s=5.8$	11.0		5.87
		LZ			$M_s=4.4$	30.0	0.74	LZ	$M_s=5.2$	14.0		2.67
HHC	42.3 346	eP	22 49 10.2	1.3				SSE	39.8 18	+P	00 23 57.0	2.0
BTO	42.5 344	eP	22 49 11.8	1.5				PMZ		$m_b=5.1$	1.5	0.054
LSA	43.2 316	P	22 49 18.0	1.2				LSA	39.9 337	P	00 23 52.0	-4.2
CN2	43.7 1	eP	22 49 19.6	-0.3				pP	00 24 03.0		1.4	
		cpP	22 49 34.0	-2.9				PP	00 25 31.0		0.0	
		PcP	22 51 05.2	-0.8				LE	$M_s=4.5$	10.0		0.27
		ScP	22 54 49.0	-0.8				NJ2	40.1 14	+P	00 23 58.5	1.2
		eS	22 55 46.0	1.7				PMZ		$m_b=5.7$	5.0	0.70
		ScS	22 59 11.0	1.7				S	00 30 05.0		2.9	
		LZ			$M_s=4.2$	22.0	0.30	LN	$M_s=5.3$	12.0		1.79
MDJ	44.7 5	eP	22 49 27.5	-0.9				LE		10.0		0.70
		PMZ			$m_b=5.5$	0.8	0.060	LZ	$M_s=5.1$	14.0		1.78
GTA	45.2 333	+iP	22 49 31.6	-0.6				XAN	40.7 1	P	00 24 02.4	-0.3
		LN			$M_s=3.5$	10.0	0.019	PMZ		$m_b=6.0$	5.0	1.21
WMQ	54.5 328	-iP	22 50 42.2	-0.9				S	00 30 12.0		0.2	
		eS	22 58 18.0	2.7				LN	$M_s=5.6$	12.0		3.32
		sS	22 58 44.0	-1.2				LE		11.0		1.64
KSH	59.1 318	P	22 51 16.0	0.1				LZH	42.9 355	+P	00 24 22.0	0.9
								PMZ		$m_b=5.9$	2.0	0.45
								PMZ		$m_b=5.9$	6.0	1.13
								pP	00 24 31.0		4.1	
								PP	00 26 06.5		3.8	
								eS	00 30 46.0		0.0	
								SME			6.0	0.44
								eSS	00 33 52.0		1.7	
								LN	$M_s=5.6$	12.0		2.76
								LE		11.0		1.33
								LZ	$M_s=5.5$	12.0		3.40
								TIA	43.7 11	eP	00 24 25.7	-1.5
								S	00 31 00.0		4.2	
GZH	30.2 10	eP	00 22 33.0	-0.2				LN	$M_s=5.4$	12.0		1.31
		eS	00 27 31.5	0.1				LE		12.0		1.40
		LE			$M_s=4.6$	14.0	0.80	LZ	$M_s=5.3$	13.0		2.57
		LZ			$M_s=4.7$	28.0	2.35	TIY	44.6 5	+iP	00 24 35.0	0.9
KMI	32.3 351	+P	00 22 53.0	1.6				sS	00 31 21.0		1.9	
		PMZ			$m_b=5.9$	2.5	0.50	LN	$M_s=5.6$	12.0		2.94
		PMZ				3.0	1.00	GTA	46.7 351	+iP	00 24 51.5	0.2
		S	00 28 07.0	4.4				PMZ		$m_b=6.0$	4.0	1.06
		LN			$M_s=5.4$	7.0	2.00	pP	00 24 57.0		0.0	
		LZ			$M_s=5.7$	13.0	10.4	PP	00 26 38.5		-1.6	
GYA	33.2 358	P	00 23 01.0	1.8				S	00 31 43.0		4.1	

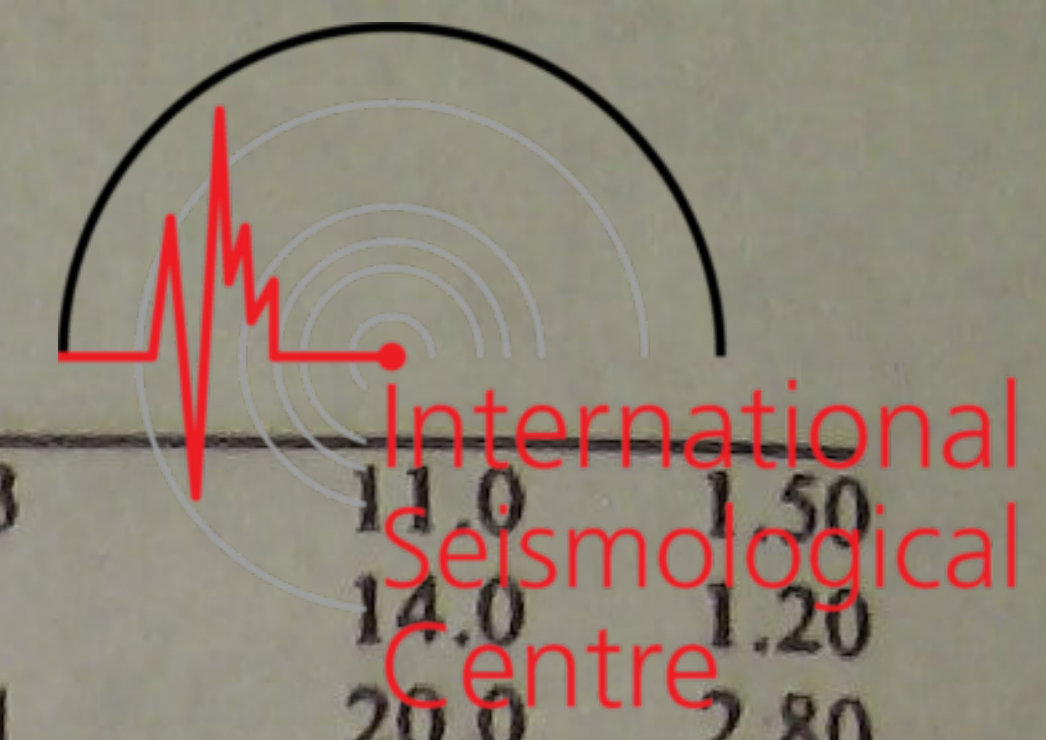
JUL 6d 00h 16m 20.0±0.04s, SD1.52 / 191
6.90 S±0.77km, 108.11 E±1.16km, h13±0.16km
Java (277)

$M_s=5.4/49, m_b=5.9/25, m_b=5.6/57$

QZN	25.8 4	P	00 21 54.5	1.3			
		PMZ			$m_b=5.8$	8.0	1.70
		PP	00 22 37.0	4.2			
		S	00 26 20.0	0.7			
		SS	00 27 26.0	2.1			
		LN			$M_s=5.3$	12.5	3.90
		LE				12.5	2.40
GZH	30.2 10	eP	00 22 33.0	-0.2			
		eS	00 27 31.5	0.1			
		LE			$M_s=4.6$	14.0	0.80
		LZ			$M_s=4.7$	28.0	2.35
KMI	32.3 351	+P	00 22 53.0	1.6			
		PMZ			$m_b=5.9$	2.5	0.50
		PMZ				3.0	1.00
		S	00 28 07.0	4.4			
		LN			$M_s=5.4$	7.0	2.00
		LZ			$M_s=5.7$	13.0	10.4
GYA	33.2 358	P	00 23 01.0	1.8			



TIY	29.1	268	+P	05 08	26.6	0.5			LN	$M_s = 5.2$	13.0	1.10
			PMZ		$m_b = 5.8$		1.0	0.19	LE		18.0	2.30
			sP	05 08	43.0	1.9			LZ	$M_s = 4.9$	20.0	1.80
			S	05 13	19.0	6.5			QZN	42.4 245	P	05 10 21.4 1.3
			LE		$M_s = 5.0$		17.0	2.58	PMZ		$m_b = 5.5$	1.2 0.10
			LZ		$M_s = 5.1$		20.0	4.26	PP	05 12	02.0	0.5
BTO	29.5	275	+iP	05 08	30.5	0.1			PcP	05 12	13.0	0.6
			S	05 13	20.0	0.0			eS	05 16	40.0	1.2
			LN		$M_s = 5.5$		17.0	2.80	SS	05 19	44.0	1.2
			LE				17.0	6.90	LE		$M_s = 5.3$	16.0 2.10
WHN	31.6	254	+iP	05 08	48.4	-0.3			KMI	43.0 258	+iP	05 10 25.0 0.4
			PMZ		$m_b = 5.9$		1.0	0.21	PMZ		$m_b = 6.2$	1.5 0.50
			PMZ		$m_b = 5.9$		4.0	0.80	PMZ		$m_b = 6.1$	4.0 1.30
			pP	05 08	59.0	-0.1			PP	05 12	05.0	-1.5
			eS	05 13	52.0	-1.6			S	05 16	47.0	1.7
			LN		$M_s = 5.1$		20.0	3.31	LZ		$M_s = 5.0$	22.0 2.40
			LZ		$M_s = 4.8$		20.0	1.88	WMQ	43.5 291	-iP	05 10 29.5 0.8
QZH	32.6	242	+iP	05 08	57.5	0.0			pP	05 10	42.0	2.6
			PMZ		$m_b = 6.2$		4.0	1.75	eS	05 16	57.0	2.8
			pP	05 09	08.0	0.1			eScS	05 20	22.5	1.0
			S	05 14	09.0	0.6			LZ		$M_s = 5.3$	20.0 3.96
			sS	05 14	30.0	2.8			LSA	48.3 272	P	05 11 09.0 1.8
			LN		$M_s = 5.1$		20.0	1.81	PP	05 13	02.5	4.5
			LE				20.0	1.92	S	05 18	07.0	5.3
XAN	33.4	265	+P	05 09	03.0	-1.0			sS	05 18	24.0	3.0
			PMZ		$m_b = 6.2$		1.2	0.43	LE		$M_s = 4.9$	16.0 0.70
			sP	05 09	18.0	-1.0			KSH	53.3 292	P	05 11 45.0 0.2
			S	05 14	18.4	-1.7			S	05 19	11.0	0.5
			sS	05 14	36.0	-2.9			sS	05 19	31.0	0.9
			LN		$M_s = 5.1$		15.0	1.71	LN		$M_s = 5.7$	16.0 3.50
			LE				14.0	1.04	-----			
LZH	35.9	272	+P	05 09	26.0	0.3			JUL 6d 11h 19m $43.5 \pm 0.03s$, $SD1.13 / 124$			
			PMZ		$m_b = 6.5$		1.0	0.78	$2.89 N \pm 0.51km$, $128.68 E \pm 0.77km$, $h231 \pm 0.13km$			
			PMZ		$m_b = 5.8$		6.0	1.00	Djailolo Gilolo (Halmahera) (267)			
			sP	05 09	42.0	1.3			$m_b 4.9 / 33,$			
			PP	05 10	48.0	1.2			QZH	24.0 337	eP	11 24 38.5 -0.2
			PcP	05 11	48.8	-2.9			QZN	24.4 312	eP	11 24 43.6 0.7
			S	05 15	00.0	1.0			eS	11 28	45.5	1.6
			sS	05 15	17.0	-0.9			GZH	25.0 325	eP	11 24 48.0 0.1
			LN		$M_s = 5.1$		18.0	1.60	eS	11 28	54.0	1.2
			LE				14.0	1.40	SSE	28.9 347	eP	11 25 21.7 -2.0
			LZ		$M_s = 5.1$		30.0	4.90	WHN	30.7 335	eP	11 25 40.5 1.6
GTA	37.1	279	+iP	05 09	37.0	0.6			epP	11 26	25.5	0.5
			PMZ		$m_b = 5.9$		4.5	0.84	GYA	31.5 320	P	11 25 48.6 1.8
			PcP	05 11	56.1	0.6			KMI	33.4 314	+P	11 26 04.0 1.5
			S	05 15	19.0	0.4			PMZ		$m_b = 5.2$	2.0 0.13
			PcS	05 15	45.4	2.8			S	11 31	09.0	4.2
			ScS	05 19	46.6	2.5			XAN	36.1 332	P	11 26 23.5 -1.6
			LE		$M_s = 5.2$		15.0	2.17	CD2	36.5 322	eP	11 26 27.8 -0.9
			LZ		$M_s = 5.3$		18.0	4.12	TIY	37.7 339	eP	11 26 39.6 0.5
GZH	37.3	246	+P	05 09	38.0	0.8			S	11 32	11.0	-0.3
			PMZ		$m_b = 6.0$		1.2	0.31	sS	11 33	34.0	-1.4
			S	05 15	20.0	-0.3			LN			7.0 0.23
			LN		$M_s = 5.1$		15.0	0.97	BJI	38.7 345	eP	11 26 47.0 0.1
			LE				15.0	1.41	PMZ		$m_b = 4.8$	1.0 0.036
			LZ		$M_s = 4.9$		24.0	2.30	epP	11 27	34.0	-0.5
CD2	38.7	264	+iP	05 09	49.6	0.2			eS	11 32	26.0	-0.5
			PMZ		$m_b = 6.3$		1.0	0.50	SNY	39.0 354	eP	11 26 50.0 0.1
			PP	05 11	20.0	-2.0			LZH	40.2 328	-P	11 27 00.5 0.7
			S	05 15	41.5	-0.9			PMZ		$m_b = 5.3$	1.6 0.16
			LN		$M_s = 5.1$		14.0	1.59	pP	11 27	48.0	0.4
			LZ		$M_s = 4.7$		33.0	1.92	sP	11 28	13.5	0.0
GYA	39.4	256	+iP	05 09	55.0	-0.3			S	11 32	49.0	0.4
			PMZ		$m_b = 6.0$		1.2	0.30	SMN			5.0 0.64
			pP	05 10	06.6	0.7			LZ			6.0 0.60
			PcP	05 12	04.0	1.4			HHC	40.8 340	eP	11 27 05.0 0.3
			ScP	05 15	48.0	1.6			CN2	40.8 356	eP	11 27 05.0 0.3
			S	05 15	51.0	-2.0			PMZ		$m_b = 4.9$	1.0 0.050



	PP	13 46 24.0	-1.2						LN	$M_s = 5.3$	11.0	1.50	
	S	13 50 19.0	0.1						LE		14.0	1.20	
	ScP	13 52 20.0	2.6						LZ	$M_s = 5.1$	20.0	2.80	
	LN	$M_s = 5.2$	16.0	3.10	BJI	39.1	353		eP	13 46 59.0	0.5		
	LE		16.0	2.50					PMZ	$m_b = 5.4$	1.0	0.061	
	LZ	$M_s = 4.8$	18.0	2.10					PMZ	$m_B = 5.6$	8.0	0.89	
SSE	29.9	359	-P	13 45 40.0	0.8				ePP	13 48 32.0	-0.2		
			PMZ	$m_b = 4.8$	1.0	0.019			eScP	13 52 53.5	0.7		
			PMZ	$m_B = 5.6$	8.0	0.80			eS	13 52 56.0	-0.2		
			S	13 50 36.0	3.5				eSS	13 55 40.0	-0.3		
			SS	13 52 07.0	-2.0				LN		0.9	.00000	
			PcS	13 52 20.0	-3.6				LZ		2.0	.00000	
			LN	$M_s = 5.1$	16.0	2.20	LSA	40.6	317	P	13 47 12.7	1.5	
			LE		15.0	1.50			S	13 53 22.0	4.7		
			LZ	$M_s = 4.8$	20.0	2.40			SMN		10.0	1.18	
KMI	30.0	324	+P	13 45 41.5	0.5				SME		9.0	0.52	
			PMZ	$m_b = 5.3$	2.0	0.10	HHC	40.6	348	eP	13 47 11.9	0.6	
			PMZ	$m_B = 5.7$	4.0	0.50			S	13 53 23.0	5.0		
			sP	13 45 54.0	0.9				LN	$M_s = 5.2$	17.0	1.68	
			eS	13 50 36.0	-0.4				LE		16.0	0.83	
			SS	13 52 12.0	-0.9				LZ	$M_s = 5.2$	20.0	3.12	
			LN	$M_s = 4.5$	10.0	0.40	SNY	40.6	2	-iP	13 47 10.0	-1.1	
			LZ	$M_s = 5.0$	17.0	3.10			PMZ	$m_b = 5.4$	1.0	0.057	
WHN	30.1	348	eP	13 45 41.5	0.2				PMZ	$m_B = 5.6$	10.0	1.02	
			PMZ	$m_B = 5.7$	4.0	0.60			pP	13 47 18.5	-1.4		
			pP	13 45 51.0	1.1				sP	13 47 24.4	0.7		
			S	13 50 38.0	1.9				S	13 53 17.5	-0.5		
			LN	$M_s = 5.1$	14.0	1.93			sS	13 53 32.0	-1.4		
			LE		14.0	1.33			LN	$M_s = 5.1$	15.5	1.62	
			LZ	$M_s = 4.9$	20.0	2.50	BTO	40.7	347	LZ	$M_s = 5.2$	17.0	2.59
NJ2	30.9	356	-P	13 45 49.0	0.4				P	13 47 12.0	0.0		
			S	13 50 54.0	4.9				PP	13 48 49.5	0.4		
			LN	$M_s = 5.0$	14.0	1.51			S	13 53 19.0	-0.4		
			LE		17.0	0.81			eSS	13 56 17.0	0.9		
			LZ	$M_s = 4.9$	16.0	2.07			LN	$M_s = 5.2$	15.0	1.40	
CD2	34.1	332	eP	13 46 16.0	-0.6				LE		16.0	1.40	
			PMZ	$m_B = 5.3$	10.0	0.48	CN2	42.7	4	eP	13 47 27.0	-1.2	
			pP	13 46 26.8	1.6				PMZ	$m_b = 4.9$	1.0	0.020	
			PP	13 47 36.0	5.4				epP	13 47 37.0	0.0		
			eS	13 51 34.0	-6.0				ePP	13 49 09.0	-0.9		
			LN	$M_s = 5.2$	12.0	1.83			eS	13 53 47.0	-2.6		
			LZ	$M_s = 4.9$	17.0	2.07			eSS	13 56 52.0	-2.2		
XAN	34.9	342	-P	13 46 21.0	-1.9				ScS	13 57 24.0	-0.2		
			LN	$M_s = 5.4$	15.0	3.66			LN	$M_s = 5.0$	12.0	0.80	
TIA	35.2	354	eP	13 46 25.2	-0.6				LE		12.0	0.30	
			eS	13 51 57.0	0.3				LZ	$M_s = 4.9$	18.0	1.50	
			LN	$M_s = 4.9$	15.0	1.35	GTA	43.0	335	-iP	13 47 31.5	0.6	
			LZ	$M_s = 5.9$	20.0	23.1			PMZ	$m_B = 5.6$	8.0	0.77	
TIY	37.4	348	+P	13 46 45.6	1.0				S	13 53 56.0	2.8		
			PP	13 48 16.0	3.7				LN	$M_s = 5.0$	14.0	1.03	
			S	13 52 33.0	3.2				LZ	$M_s = 5.2$	20.0	2.85	
			LN	$M_s = 5.3$	15.0	2.53	MDJ	43.9	8	-P	13 47 38.7	0.3	
			LZ	$M_s = 5.2$	15.0	3.08			pP	13 47 46.0	-1.2		
DL2	37.6	0	eP	13 46 46.0	-0.5				sP	13 47 48.0	-2.9		
			PMZ	$m_B = 5.6$	8.0	0.79			S	13 54 10.0	3.0		
			eS	13 52 32.0	-2.3				LN	$M_s = 5.0$	14.0	1.04	
			SME		10.0	1.13			LZ	$M_s = 4.9$	25.0	2.06	
			LN	$M_s = 5.2$	15.0	2.15	WMQ	52.1	329	-iP	13 48 41.8	-0.3	
			LZ	$M_s = 5.0$	16.0	1.80			pP	13 48 50.0	-0.8		
LZH	38.5	337	-P	13 46 54.0	0.1				PP	13 50 44.0	3.8		
			PMZ	$m_b = 5.1$	2.5	0.080			S	13 56 06.5	4.6		
			PMZ	$m_B = 5.6$	10.0	0.96			SMN		10.0	0.77	
			pP	13 47 04.0	1.6				ScS	13 58 27.0	1.2		
			PP	13 48 25.5	0.0				LN	$M_s = 5.0$	12.0	0.58	
			PcP	13 49 10.0	3.8				LZ	$M_s = 5.0$	24.0	1.78	
			S	13 52 46.0	-0.4				P	13 49 14.0	0.1		
			sS	13 53 04.0	2.2				pP	13 49 24.0	1.4		
			SS	13 55 25.0	-2.6				PP	13 51 21.0	0.8		

	eS	13 57 02.0	0.4				
	LE	$M_S=5.4$	12.0	1.30			
<p>JUL 6d 17h 22m $50.0 \pm 0.06s$, SD2.18 / 39 43.15 N $\pm 0.80km$, 89.66 E $\pm 0.58km$, h9 $\pm 0.10km$ Northern Xinjiang Province (332) $M_S 4.4 / 6$, $M_L 4.8 / 6$, $m_b 4.0 / 5$</p>							
WMQ	1.6 296	+IPg	17 23 17.5	-0.4			
		Sg	17 23 37.5	-1.8			
		LN			1.0	4.66	
		LE			1.0	5.97	
GTA	8.5 113	P	17 24 54.0	-2.7			
		SMN	$M_L=4.8$		1.0	0.25	
		SME			1.0	0.16	
		LE	$M_S=4.2$		7.0	0.96	
		LZ	$M_S=4.3$		8.0	1.59	
LZH	13.0 118	eP	17 25 58.0	-0.2			
		sP	17 26 05.0	-0.7			
		LN	$M_S=4.4$		9.0	0.72	
		LE			9.0	0.62	
		LZ	$M_S=4.1$		8.0	0.60	
XAN	17.6 115	eP	17 27 02.0	5.0			
TIY	18.1 100	eP	17 27 04.3	-0.1			
		LN	$M_S=4.1$		11.0	0.44	
		LZ	$M_S=4.2$		14.0	0.71	
BJI	20.0 90	P	17 27 27.0	0.4			
WHN	23.3 114	eP	17 28 01.2	1.5			
SNY	25.0 81	eP	17 28 16.5	1.0			
		LN	$M_S=4.5$		12.0	0.74	
CN2	25.9 76	eP	17 28 25.8	1.7			

<p>JUL 6d 19h 34m $52.4 \pm 0.06s$, SD1.02 / 321 36.93 N $\pm 0.92km$, 49.31 E $\pm 0.38km$, h37 $\pm 0.35km$ North-Western Iran (345) $M_S 4.8 / 18$, $m_b 5.2 / 76$,</p>							
KSH	21.0 75	P	19 39 36.5	0.5			
		sP	19 39 49.5	0.0			
		S	19 43 24.0	1.6			
		sS	19 43 35.0	-3.0			
		LN	$M_S=5.0$		10.0	2.30	
WMQ	29.8 65	P	19 40 59.0	0.1			
		eS	19 45 57.0	4.7			
		LN	$M_S=4.8$		10.0	0.43	
		LE			12.0	0.81	
		LZ	$M_S=4.7$		12.0	1.06	
LSA	35.5 89	P	19 41 49.6	1.2			
GTA	39.4 70	P	19 42 21.4	0.8			
		PMZ	$m_b=4.4$		1.0	0.0070	
		SS	19 51 12.0	6.1			
		LZ	$M_S=4.7$		12.0	0.66	
LZH	43.3 74	-P	19 42 54.0	0.7			
		PMZ	$m_b=4.9$		1.5	0.029	
		pP	19 43 04.5	1.3			
		PP	19 44 38.5	2.5			
		eS	19 49 20.0	1.6			
		LN	$M_S=4.9$		14.0	0.70	
		LZ	$M_S=4.5$		25.0	0.80	
CD2	45.1 81	eP	19 43 07.8	0.6			
		eS	19 49 47.5	4.2			
		esS	19 49 57.2	-2.8			
		LN	$M_S=4.8$		11.0	0.40	
BTO	46.7 66	eP	19 43 21.0	1.1			
		eS	19 50 06.5	0.4			
		LN	$M_S=4.8$		12.0	0.40	
		LE			12.0	0.30	
KMI	46.7 89	+P	19 43 20.5	0.0			
		PMZ	$m_b=5.4$		1.5	0.080	
		pP	19 43 32.0	1.7			

		S	19 50 12.0	6.1			
		LZ	$M_S=4.6$		20.0	0.70	
HHC	47.7 65	eP	19 43 29.0	0.8			
		LZ	$M_S=4.5$		24.0	0.67	
XAN	47.9 75	P	19 43 30.0	0.1			
GYA	49.3 85	P	19 43 39.8	-0.3			
TIY	49.3 69	+P	19 43 41.4	0.8			
		S	19 50 48.0	5.5			
		LE	$M_S=4.8$		15.0	0.54	
		LZ	$M_S=4.7$		18.0	0.73	
BJI	51.3 65	eP	19 43 56.0	0.4			
		eS	19 51 12.0	1.0			
		eSS	19 54 46.0	2.5			
		LZ	$M_S=4.3$		20.0	0.30	
TIA	53.4 69	+P	19 44 11.2	0.1			
WHN	53.5 77	eP	19 44 12.5	0.2			
		S	19 51 44.0	3.6			
QZN	55.5 91	eP	19 44 27.4	0.9			
		eS	19 52 07.5	0.0			
SNY	56.0 60	eP	19 44 28.0	-1.9			
		eS	19 52 16.0	2.1			
		LN	$M_S=4.9$		18.0	0.59	
		LZ	$M_S=4.8$		12.0	0.48	
NJ2	56.4 73	eP	19 44 32.5	-0.4			
CN2	56.5 57	-P	19 44 33.3	-0.7			
		PMZ	$m_b=5.2$		1.0	0.030	
		pP	19 44 44.0	-0.2			
		eS	19 52 22.0	0.6			
		LZ	$M_S=4.6$		16.0	0.40	
SSE	58.6 73	P	19 44 48.0	-0.5			
		PMZ	$m_b=5.0$		1.0	0.021	
		eS	19 52 53.0	4.5			
		eSS	19 56 48.0	6.0			
		LE	$M_S=4.6$		12.0	0.20	
		LZ	$M_S=4.5$		20.0	0.40	
MDJ	59.0 55	eP	19 44 51.5	0.2			

<p>JUL 6d 23h 59m $48.7 \pm 0.05s$, SD2.07 / 11 37.87 N $\pm 0.46km$, 106.10 E $\pm 0.39km$, h22 $\pm 0.22km$ Northern China (323) $M_L 3.5 / 10$,</p>							
BTO	4.1 47	ePg	24 01 01.8	0.6			
		eSg	24 01 55.4	-1.5			
		SMN	$M_L=3.0$		0.4	0.030	
		SME			0.4	0.030	
XAN	4.5 148	Pg	24 01 06.5	-1.1			
		Sg	24 02 04.5	-3.9			
		SMN	$M_L=3.2$		1.0	0.040	
TIY	5.0 90	+Pg	24 01 16.1	-1.5			
		SMN	$M_L=3.8$		0.6	0.16	
		SME			0.6	0.070	
GTA	5.2 289	Pn	24 01 06.1	0.8			
		Pg	24 01 22.3	2.5			
		Sg	24 02 25.3	-5.0			
		SMN	$M_L=3.1$		0.8	0.033	
		SME			0.6	0.014	
HHC	5.2 53	Pg	24 01 21.2	0.7			
		SMN	$M_L=3.6$		0.4	0.048	
		SME			0.4	0.083	

<p>JUL 7d 05h 43m $10.9 \pm 0.08s$, SD3.20 / 8 46.78 N $\pm 0.31km$, 90.01 E $\pm 0.52km$, h25 $\pm 0.44km$ Northern Xinjiang Province (332) $M_L 3.7 / 6$,</p>							
WMQ	3.4 210	Pn	05 44 04.6	1.8			
		Sg	05 44 54.4	-2.8			
		SMN	$M_L=3.7$		0.8	0.25	
		SME			0.6	0.24	

				New Britain region				(192)						
				$M_s 4.8 / 4, m_b 5.3 / 45,$										
SNY	29.6	4	sS	15 48 10.0	-2.6			QZH	46.4 313	+P	16 36 14.2	1.0		
			SS	15 49 20.0	-2.3					PMZ		$m_b = 6.1$	0.7	0.16
			LN		$M_s = 5.8$	12.0	8.30							
			LE			13.0	9.80							
			LZ		$M_s = 5.6$	20.0	16.5	GZH	49.4 307	+P	16 36 37.5	1.2		
			+P	15 43 27.0	-2.2			QZN	50.4 301	-P	16 36 45.6	1.5		
			PMZ		$m_b = 5.2$	1.0	0.044	NJ2	50.7 320	+P	16 36 46.6	0.1		
			PMZ			18.0	0.71	WHN	52.7 316	+P	16 37 02.5	0.6		
			sP	15 43 39.7	-1.0					PMZ		$m_b = 5.4$	1.2	0.060
			PP	15 44 26.0	1.0					pP	16 37 16.5	-2.1		
HHC	29.6	346	S	15 48 17.0	-3.9			MDJ	55.0 339	eP	16 37 18.0	-0.7		
			SMN			20.0	8.24	CN2	56.0 335	+P	16 37 23.8	-1.7		
			LN		$M_s = 5.5$	18.0	6.39	GYA	56.3 307	P	16 37 28.6	0.6		
			LE			18.0	5.35			pP	16 37 48.0	3.2		
			LZ		$M_s = 5.5$	24.0	12.0	BJI	57.7 326	eP	16 37 36.5	-1.2		
			P	15 43 30.0	0.4					PMZ		$m_b = 4.8$	1.0	0.012
			S	15 48 25.0	3.7			TIY	58.4 322	eP	16 37 41.7	-0.8		
			LN		$M_s = 5.5$	11.0	1.83			LE		$M_s = 5.0$	9.0	0.34
			LE			11.0	4.39	XAN	58.5 316	P	16 37 42.0	-1.4		
			LZ		$M_s = 5.5$	18.0	10.3	KMI	58.9 304	+P	16 37 47.0	0.6		
BTO	29.8	344	P	15 43 31.0	0.0					PMZ		$m_b = 6.0$	1.0	0.20
			pP	15 43 39.5	0.7					pP	16 38 05.0	1.9		
			ePP	15 44 27.0	-0.4					S	16 45 51.0	6.6		
			S	15 48 23.5	-0.3			CD2	60.6 310	+iP	16 37 58.0	-0.2		
			LN		$M_s = 5.8$	12.0	7.60			PMZ		$m_b = 5.8$	1.0	0.11
			LE			12.0	7.10	BTO	61.6 323	eP	16 38 05.0	0.1		
			eP	15 43 46.5	-1.7			LZH	63.1 316	+P	16 38 15.0	0.1		
			PMZ		$m_b = 4.9$	1.0	0.020			PMZ		$m_b = 5.7$	1.2	0.11
			epP	15 43 54.0	-2.0					pP	16 38 31.0	-0.9		
			PP	15 44 52.0	-0.8					sP	16 38 39.0	-0.7		
CN2	31.7	7	eS	15 48 52.0	-3.3					LZ		$M_s = 4.6$	20.0	0.40
			LN		$M_s = 5.5$	15.0	5.70	GTA	67.5 317	+iP	16 38 43.7	0.5		
			LE			15.0	1.70			PMZ		$m_b = 5.3$	1.0	0.040
			LZ		$M_s = 5.4$	26.0	11.0	LSA	70.2 304	P	16 39 01.2	1.5		
			P	15 43 55.4	0.3					eP	16 39 41.5	-1.2		
			PP	15 45 03.0	0.6					eS	16 49 31.0	2.8		
			S	15 49 08.0	2.0			WMQ						
			SMN			7.0	0.91	JUL 7d 20h 35m $57.3 \pm 0.06s, SD1.25 / 162$						
			LN		$M_s = 5.2$	11.0	1.58	$15.46 S \pm 0.96km, 168.09 E \pm 0.75km, h34 \pm 0.25km$						
			LE			14.0	1.41	Vanuatu (New Hebrides) (186)						
GTA	32.8	329	-P	15 43 57.7	0.1									
			PMZ		$m_b = 5.8$	4.0	0.68	NJ2	66.7 316	-P	20 46 47.5	-0.4		
			pP	15 44 03.7	-1.6			WHN	69.0 312	-P	20 47 01.5	-0.6		
			S	15 49 15.0	4.0			MDJ	69.3 332	eP	20 47 03.4	-0.4		
			sS	15 49 24.0	-1.1					pP	20 47 11.0	-2.7		
			LE		$M_s = 5.8$	11.0	7.81	DL2	69.4 323	eP	20 47 08.0	3.8		
			LZ		$M_s = 5.9$	16.0	19.8	CN2	70.7 329	+P	20 47 10.4	-1.9		
			eP	15 44 01.3	0.6			GYA	72.8 304	P	20 47 24.8	-0.2		
			PMZ		$m_b = 5.4$	1.2	0.070	BJI	73.3 321	eP	20 47 27.0	-1.1		
			PP	15 45 09.0	-2.4					PMZ		$m_b = 4.8$	1.0	0.012
MDJ	33.2	12	S	15 49 11.0	-5.9			TIY	74.3 317	eP	20 47 33.8	-0.2		
			LE		$M_s = 5.8$	22.0	15.8			eS	20 57 06.5	1.4		
			LZ		$M_s = 5.7$	18.0	14.5			LZ		$M_s = 5.0$	16.0	0.60
			+iP	15 45 19.3	1.2			XAN	74.8 312	P	20 47 35.5	-1.0		
			PP	15 46 58.5	-0.6			KMI	75.4 302	+P	20 47 40.0	-0.1		
			S	15 51 35.0	-1.7					PMZ		$m_b = 5.4$	1.5	0.070
			SMN			8.0	0.43			sP	20 47 51.0	-2.8		
			LN		$M_s = 6.0$	12.0	4.68	HHC	76.6 319	eP	20 47 47.0	-0.4		
			LE			12.0	6.24	CD2	77.1 307	eP	20 47 49.3	-0.4		
			LZ		$M_s = 5.8$	14.0	9.36	BTO	77.5 319	eP	20 47 53.0	0.9		
KSH	47.9	313	eP	15 46 04.0	1.5			LZH	79.4 312	eP	20 48 02.5	-0.1		
			sP	15 46 14.0	0.1					PMZ		$m_b = 5.3$	1.6	0.061
			S	15 53 00.0	3.6					sP	20 48 12.0	-4.2		
			sS	15 53 13.0	2.1			GTA	83.7 314	+P	20 48 25.4	0.1		
			LN		$M_s = 5.9$	14.0	6.30			PMZ		$m_b = 5.4$	1.4	0.057
			JUL 7d 16h 27m $51.1 \pm 0.03s, SD1.14 / 157$						JUL 8d 15h 12m $31.0 \pm 0.06s, SD2.48 / 27$					
			$5.94 S \pm 0.59km, 154.35 E \pm 0.77km, h67 \pm 0.23km$											



36.02 N ± 0.73km, 99.98 E ± 0.59km, h13 ± 0.07km					PMZ					m _B = 5.2						
Qinghai Province					(325)					epP		16 43 34.0	1.5			
M _S 3.7 / 4, M _L 4.4 / 6, m _b 4.3 / 2										ePP		16 44 52.0	-3.5			
LZH	3.1	88	-Pn	15 13 22.5	1.9						eS		16 51 06.0	-1.8		
			Pg	15 13 27.0	0.7						eSS		16 56 46.0	-5.7		
			Sn	15 13 59.0	-0.5						P		16 41 39.8	1.4		
			Sg	15 14 05.0	-4.1						pP		16 43 36.8	-1.9		
			SMN	M _L = 4.5	1.0	1.03						S		16 51 12.0	-5.6	
			SME		1.0	2.31						eP		16 41 40.0	0.4	
			LE	M _S = 3.9	7.0	1.58						PMZ		m _b = 5.1	1.0	0.050
GTA	3.4	358	Pg	15 13 29.7	-1.5						PMZ		m _B = 5.3	6.0	0.54	
			Sg	15 14 18.4	1.1						sP		16 44 38.0	2.6		
			SME	M _L = 3.7	0.8	0.21						PP		16 45 04.0	-3.1	
			LN	M _S = 3.4	8.0	0.63						ScS		16 51 25.0	-1.7	
			LZ	M _S = 3.6	8.0	0.78						LZ			20.0	0.50
XAN	7.6	102	Pn	15 14 23.0	1.2						+P		16 41 44.0	-0.3		
			Pg	15 14 47.0	2.0						+P		16 41 53.5	1.7		
			Sg	15 16 23.0	-5.8						PMZ		m _b = 5.0	2.5	0.070	
			SMN	M _L = 3.7	0.8	0.030						PMZ		m _B = 5.6	4.0	0.40
			SME		0.8	0.020						S		16 51 50.5	6.9	
TIY	10.1	77	eP	15 14 56.7	-2.7						P		16 41 55.0	1.3		
			LN	M _S = 3.6	12.0	0.28						eS		16 51 49.0	-0.5	
			LZ	M _S = 3.8	11.0	0.49						eP		16 41 58.9	1.4	
WMQ	12.2	313	eP	15 15 28.5	0.4						eSKS		16 51 37.0	5.0		
			eS	15 17 44.0	-1.3						+P		16 42 07.0	0.9		
CN2	21.0	60	eP	15 17 15.0	-1.6						PMZ		m _b = 5.3	1.2	0.050	
												PMZ		m _B = 5.4	5.0	0.23
JUL 8d 16h 30m 01.9 ± 0.06s, SD1.17 / 206										ePP		16 45 47.0	-5.0			
17.80 S ± 0.72km, 178.88 W ± 0.37km, h561 ± 0.80km										eSKS		16 51 44.0	1.2			
Fiji region					(181)					eS		16 52 13.0	-0.2			
m _B 5.2 / 12, m _b 5.2 / 55,										SME			6.0	1.34		
QZH	74.2	303	eP	16 40 44.0	0.0						LZ			30.0	0.50	
			S	16 49 34.0	1.8						P		16 42 25.5	0.5		
SSE	75.3	310	-P	16 40 49.4	-0.6						PP		16 46 26.5	2.1		
			PMZ	m _b = 4.5	1.0	0.021						SKS		16 52 05.0	-0.5	
			S	16 49 46.0	2.2						S		16 52 51.0	4.3		
NJ2	77.5	310	-P	16 41 02.5	0.5						SME			6.0	1.34	
			PMZ	m _b = 4.7	1.0	0.034						LZ			30.0	0.50
			S	16 50 11.0	3.9						P		16 42 25.5	0.5		
MDJ	77.8	325	+P	16 41 04.0	0.3						PP		16 46 26.5	2.1		
			PMZ	m _B = 5.6	4.0	1.00						SKS		16 52 05.0	-0.5	
			PP	16 44 04.0	-6.5						S		16 52 51.0	4.3		
			eS	16 50 15.0	3.1						SME			6.0	1.34	
			SME		7.0	1.57						LZ			30.0	0.50
			ScS	16 50 28.0	-0.8						P		16 42 25.5	0.5		
QZN	79.0	294	eP	16 41 10.0	0.1						PP		16 46 26.5	2.1		
			S	16 50 26.0	3.6						SKS		16 52 05.0	-0.5		
DL2	79.2	317	+P	16 41 10.0	-0.9						S		16 52 51.0	4.3		
			S	16 50 28.0	3.5						SME			6.0	1.34	
SNY	79.6	320	+iP	16 41 12.0	-1.1						LZ			30.0	0.50	
			PMZ	m _B = 5.2	5.0	0.57						P		16 42 25.5	0.5	
			iS	16 50 34.0	3.7						PP		16 46 26.5	2.1		
			SME		8.0	1.12						SKS		16 52 05.0	-0.5	
CN2	79.7	323	+iP	16 41 12.8	-0.5						S		16 52 51.0	4.3		
			PMZ	m _b = 5.2	1.0	0.10						SME			6.0	1.34
			PMZ	m _B = 5.4	4.0	0.70						LZ			30.0	0.50
			pP	16 43 10.0	-2.2						P		16 42 25.5	0.5		
			sP	16 44 05.0	-2.9						PP		16 46 26.5	2.1		
			S	16 50 28.0	-1.1						SKS		16 52 05.0	-0.5		
			SMN		6.0	0.30						S		16 52 51.0	4.3	
			SME		6.0	0.90						SME			6.0	1.34
WHN	80.2	306	eP	16 41 16.2	0.2						LZ			30.0	0.50	
			eS	16 50 37.0	1.0						P		16 42 25.5	0.5		
			SKS	16 50 39.0	2.7						PP		16 46 26.5	2.1		
TIA	80.8	313	eP	16 41 18.0	-1.5						SKS		16 52 05.0	-0.5		
			S	16 50 45.0	3.9						S		16 52 51.0	4.3		
BJI	83.4	316	P	16 41 33.0	0.7						SME			6.0	1.34	
			PMZ	m _b = 5.1	1.4	0.088						LZ			30.0	0.50
JUL 8d 19h 31m 23.4 ± 0.03s, SD2.36 / 9										S		16 51 50.5	6.9			
42.30 N ± 0.29km, 86.46 E ± 0.24km, h27 ± 0.10km										P		16 41 55.0	1.3			
Southern Xinjiang Province					(321)					eS		16 51 49.0	-0.5			
M _L 3.4 / 8,										eP		16 41 58.9	1.4			
WMQ	1.8	31	-iPg	19 31 55.1	-0.1						eSKS		16 51 37.0	5.0		
			Sg	19 32 17.5	-2.0						+P		16 42 07.0	0.9		
			SMN	M _L = 3.4	0.4	0.38						PMZ		m _b = 5.3	1.2	0.050
			SME		0.4	0.36						PMZ		m _B = 5.6	4.0	0.40
GTA	10.5	101	eP	19 33 54.0	-2.0						S		16 51 50.5	6.9		
			SMN		1.0	0.0080						P		16 41 55.0	1.3	
			SME		1.0	0.0080						eS		16 51 49.0	-0.5	
JUL 8d 23h 27m 19.3 ± 0.03s, SD1.20 / 37										eS		16 52 13.0	-0.2			
1.12 N ± 0.49km, 121.47 E ± 0.72km, h39 ± 0.11km										SME			6.0	1.34		
Minahassa Peninsula (Celebes)					(265)					LZ			30.0	0.50		
m _b 5.1 / 13,										P		16 42 25.5	0.5			
TIY	37.4	348	eP	23 34 26.5	-3.9						PP		16 46 26.5	2.1		
BJI	39.0	354	eP	23 34 45.0	0.6						SKS		16 52 05.0	-0.5		
			PMZ	m _b = 4.7	1.0	0.012						S		16 52 51.0	4.3	
GTA	42.9	335	eP	23 35 17.8	1.1						SME			6.0	1.34	
MDJ	43.9	8	eP	23 35 24.6	0.1						LZ			30.0	0.50	
JUL 9d 03h 47m 30.4 ± 0.05s, SD2.16 / 11										P		16 42 25.5	0.5			
43.69 N ± 0.52km, 123.23 E ± 0.41km, h14 ± 0.08km										PP		16 46 26.5	2.1			
North-Eastern China					(658)					SKS		16 52 05.0	-0.5			
M _L 3.3 / 10, m _b 3.5 / 1,										S		16 52 51.0	4.3			
CN2	1.6	85	ePn	03 48 00.0	1.0						SME			6.0	1.34	
			-iPg	03 48 02.7	3.7						LZ			30.0	0.50	
			Sn	03 48 21.6	0.2						P		16 42 25.5	0.5		
			Sg	03 48 26.8	5.7						PP		16 46 26.5	2.1		
			SMN	M _L = 3.1	0.6	0.29						SKS		16 52 05.0	-0.5	



SNY	1.9 172	SME		0.6	0.18	LN	$M_s=4.3$	13.0	0.73
		ePn	03 48 02.6	0.0		LZ	$M_s=4.4$	13.0	1.31
		Pg	03 48 05.6	1.9		CD2	17.8 296 eP	08 29 25.0	-0.2
		Sg	03 48 29.5	0.1			PMZ	$m_b=4.7$	1.1 0.040
		SMN	$M_L=3.5$	0.4	0.41		eS	08 32 40.2	-0.4
		SME		0.4	0.56		LN	$M_s=4.9$	5.0 1.19
<p>JUL 9d 08h 25m 17.3±0.04s, SD1.28 / 90 24.25 N±0.51km, 122.41 E±0.61km, h27±0.18km Taiwan (244) $M_s4.5/28, M_L4.6/12, m_b4.9/2,$</p>									
QZH	3.5 282	+iPn	08 26 11.0	-0.1		KMI	17.9 277 -P	08 29 29.0	2.5
		Pg	08 26 22.6	2.6			PMZ	$m_b=4.6$	2.0 0.060
		Sn	08 26 50.3	-3.5			PMZ	$m_b=5.0$	4.0 0.30
		Sg	08 27 07.7	-0.9			LN	$M_s=4.9$	7.0 1.80
		SMN	$M_L=4.4$	0.7	1.25	HHC	18.9 334 P	08 29 40.5	1.9
		SME		0.8	0.77		eS	08 33 01.0	-4.0
		LN		3.5	2.65		LN	$M_s=4.5$	15.0 1.03
SSE	6.9 351	+P	08 26 59.2	-0.3		BTO	19.3 330 eP	08 29 45.0	1.3
		PMZ	$m_b=4.8$	0.8	0.048		eS	08 33 18.0	2.9
		sP	08 27 07.0	-3.2			LN	$M_s=4.6$	13.0 1.20
		S	08 28 19.8	2.1			LE		13.0 0.60
		SMN	$M_L=4.1$	1.0	0.075	CN2	19.7 7 eP	08 29 46.6	-0.6
		SME		1.0	0.095		PMZ	$m_b=4.7$	1.0 0.040
		LN	$M_s=4.1$	12.0	1.70		sP	08 29 57.0	-1.6
		LZ	$M_s=3.8$	20.0	1.40		eS	08 33 25.0	2.6
NJ2	8.4 339	+P	08 27 18.0	-2.1		LZH	19.9 311 +P	08 29 50.5	0.6
		S	08 28 52.0	-2.6			PMZ	$m_b=4.8$	2.0 0.089
		SMN	$M_L=4.9$	1.2	0.28		pP	08 29 55.5	-1.6
		SME		1.2	0.25		sP	08 29 59.5	-1.7
		LN	$M_s=4.6$	5.0	0.85		PP	08 30 06.5	-1.7
		LE		5.0	1.59		SS	08 33 54.0	-0.2
		LZ	$M_s=4.1$	14.0	1.48		LN	$M_s=4.5$	10.0 0.60
GZH	8.4 264	+P	08 27 19.4	-0.9		GTA	24.3 314 eP	08 30 34.7	0.2
		S	08 28 54.5	-0.4			S	08 34 51.0	2.4
		SMN	$M_L=4.7$	1.0	0.28		LE	$M_s=4.3$	12.0 0.40
		SME		1.0	0.060		LZ	$M_s=4.4$	16.0 0.87
		LN	$M_s=4.6$	5.0	1.54	WMQ	34.4 313 eP	08 32 04.5	-0.5
		LE		5.0	0.74	KSH	41.8 303 eP	08 33 05.0	-2.3
WHN	9.5 313	eP	08 27 36.0	0.2		<p>JUL 9d 13h 19m 54.1±0.05s, SD1.64 / 45 15.28 N±0.84km, 94.00 E±0.74km, h34±0.22km Andaman Islands region (703) $M_s4.0/1, m_b4.9/4,$</p>			
		pP	08 27 39.5	-2.9		LSA	14.6 350 eP	13 23 17.7	-2.9
		S	08 29 24.5	1.7		QZN	15.6 74 eP	13 23 36.0	2.8
		LN	$M_s=4.8$	7.0	2.54	GYA	16.2 45 P	13 23 45.2	3.8
		LE		7.0	1.25	CD2	17.9 28 eP	13 24 01.0	-1.9
QZN	12.8 248	eP	08 28 20.5	0.1		LZH	22.5 21 -P	13 24 53.5	0.9
		S	08 30 43.0	0.6			PMZ	$m_b=4.9$	1.5 0.083
		LN	$M_s=4.4$	20.0	2.10		LZ	$M_s=4.0$	20.0 0.50
GYA	14.4 282	P	08 28 41.6	-0.3		XAN	23.0 33 P	13 24 57.0	-0.5
		pP	08 28 45.0	-3.2		GTA	24.6 11 eP	13 25 13.6	1.0
		PP	08 28 53.0	-0.1		TIY	27.7 33 eP	13 25 42.7	1.3
		S	08 31 23.0	1.9		NJ2	28.1 49 -P	13 25 45.5	0.1
		SMN		1.2	0.070	WMQ	28.9 351 eP	13 25 54.5	1.7
		SME		1.2	0.040	CN2	39.0 37 eP	13 27 19.0	-0.7
		LN	$M_s=4.6$	10.0	1.20	<p>JUL 9d 15h 11m 19.9±0.05s, SD1.34 / 441 5.43 N±0.99km, 31.67 E±1.00km, h11±0.08km Sudan (557) $M_s6.6/57, m_b6.3/34, m_b5.8/75$</p>			
		LE		10.0	0.80	KSH	52.3 43 eP	15 20 35.0	0.5
		LZ	$M_s=4.1$	14.0	0.90		PP	15 22 37.0	4.0
XAN	15.3 313	P	08 28 52.0	-1.2			S	15 28 02.0	4.6
		LN	$M_s=4.7$	6.0	0.87		ScS	15 30 23.0	2.8
		LE		5.0	0.64				
TIY	15.9 330	eP	08 29 03.1	1.9					
		pP	08 29 05.6	-2.1					
		LN	$M_s=4.5$	14.0	1.40				
		LZ	$M_s=4.5$	16.0	1.91				
BJI	16.6 343	eP	08 29 10.5	0.6					
		LN	$M_s=4.6$	12.0	1.43				
		LZ	$M_s=4.3$	14.0	1.17				
SNY	17.6 3	-P	08 29 26.0	4.0					
		sP	08 29 34.0	0.9					

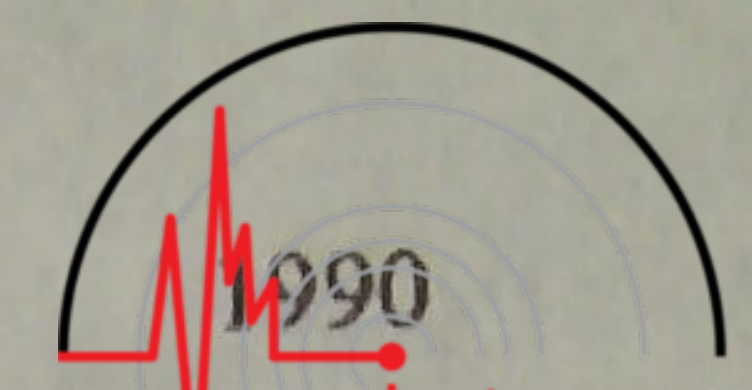
LSA	60.9	59	LN	$M_s = 7.0$	16.0	79.1	BTO	77.6	50	LE	$M_s = 6.6$	17.0	14.6	
			LZ	$M_s = 6.6$	16.0	47.6				P	15 23 21.0	2.1		
			eP	15 21 34.7	-1.4					PP	15 26 11.0	-3.8		
			epP	15 21 38.0	-3.4					S	15 33 14.0	5.9		
			sP	15 21 43.0	-1.1					eSS	15 38 10.0	-0.5		
			iS	15 29 52.0	-1.0					LN	$M_s = 6.9$	16.0	18.1	
WMQ	62.1	43	SMN		10.0	1.59	HHC	78.8	50	LE		16.0	20.0	
			SME		10.0	1.78				eP	15 23 25.0	-0.5		
			LN	$M_s = 6.0$	14.0	4.78				PMZ	$m_b = 6.5$	5.0	2.68	
			LE		16.0	3.48				pP	15 23 29.0	-2.0		
			-iP	15 21 43.5	-0.5					PP	15 26 26.0	1.5		
			PMZ	$m_b = 6.7$	5.0	4.57				LN	$M_s = 6.4$	12.0	4.87	
GTA	69.7	50	PP	15 24 06.0	4.0		TIY	79.4	53	LE		25.0	11.2	
			S	15 30 09.0	2.6					LZ	$M_s = 6.5$	16.0	19.3	
			LN	$M_s = 6.9$	22.0	56.7				eP	15 23 30.9	2.4		
			LZ	$M_s = 6.3$	22.0	23.8				PMZ		18.0	2.93	
			-iP	15 22 31.5	-1.2					PMZ	$m_b = 6.2$	12.0	3.25	
			PMZ	$m_b = 6.3$	8.0	2.78				PP	15 26 30.0	0.9		
KMI	70.6	65	pP	15 22 36.5	-1.8		GZH	80.2	68	S	15 33 28.5	1.7		
			PP	15 25 10.5	2.9					LN	$M_s = 6.6$	18.0	11.3	
			S	15 31 40.0	1.0					LE		18.0	9.29	
			SKS	15 32 24.0	-3.8					LZ	$M_s = 6.4$	20.0	17.5	
			LE	$M_s = 6.6$	15.0	15.4				eP	15 23 33.4	0.4		
			LZ	$M_s = 6.5$	18.0	27.4				PMZ	$m_b = 5.9$	1.6	0.19	
CD2	71.9	59	+P	15 22 39.0	0.9		WHN	81.0	60	PMZ	$m_b = 6.3$	8.0	2.40	
			PMZ	$m_b = 5.8$	2.0	0.23				S	15 33 40.0	4.3		
			PMZ	$m_b = 6.2$	6.0	1.80				LN	$M_s = 6.4$	18.0	5.60	
			pP	15 22 45.0	1.5					LE		18.0	7.80	
			S	15 31 50.0	0.9					LZ	$M_s = 6.1$	18.0	7.50	
			PP	15 25 20.0	4.7					+P	15 23 37.0	0.2		
LZH	72.4	54	ScS	15 32 36.0	-0.4		BJI	82.3	50	PMZ	$m_b = 5.7$	2.0	0.15	
			LZ	$M_s = 6.3$	20.0	17.8				PMZ	$m_b = 6.2$	8.0	1.98	
			eP	15 22 44.4	-1.2					pP	15 23 39.0	-3.4		
			PMZ	$m_b = 6.1$	7.0	1.43				S	15 33 44.0	0.8		
			PP	15 25 30.0	4.2					S	15 33 48.0	4.8		
			S	15 32 01.5	-2.4					LN	$M_s = 6.6$	17.0	13.4	
GYA	74.2	64	SKS	15 32 40.0	-3.7		TIA	83.2	54	LE		17.0	5.11	
			LN	$M_s = 6.4$	13.5	9.39				LZ	$M_s = 5.9$	20.0	5.63	
			LZ	$M_s = 6.1$	18.0	8.94				eP	15 23 43.0	-0.9		
			-P	15 22 47.5	-1.5					PMZ	$m_b = 5.7$	1.0	0.085	
			PMZ	$m_b = 5.8$	2.0	0.23				PMZ	$m_b = 6.3$	8.0	2.68	
			PMZ	$m_b = 6.2$	10.0	2.57				ePP	15 26 55.0	1.4		
XAN	76.4	56	sP	15 22 53.0	-4.3		NJ2	84.8	58	eS	15 34 00.0	1.1		
			PcP	15 23 04.5	-1.5					LN	$M_s = 6.6$	14.0	5.94	
			PP	15 25 32.0	1.4					LE		14.0	9.90	
			eS	15 32 14.0	1.9					LZ	$M_s = 6.7$	16.0	25.3	
			SME		11.0	2.64				eP	15 23 46.4	-1.8		
			SS	15 36 50.0	-0.5					PMZ	$m_b = 6.3$	8.0	2.40	
QZN	77.1	72	LN	$M_s = 6.7$	18.0	25.2	QZH	85.0	66	S	15 34 08.5	2.9		
			LE		18.0	7.10				LE	$M_s = 6.3$	14.0	6.06	
			LZ	$M_s = 6.4$	22.0	22.3				+P	15 23 56.5	0.2		
			P	15 23 01.0	1.8					PMZ	$m_b = 6.1$	9.0	1.48	
			PMZ	$m_b = 5.9$	1.6	0.20				PP	15 27 20.0	6.9		
			PP	15 25 50.0	4.6					SKS	15 34 18.0	2.2		
DL2	86.6	51	S	15 32 29.0	-1.0		DL2	86.6	51	S	15 34 28.0	6.4		
			SS	15 37 20.0	2.6					LN	$M_s = 6.7$	16.0	10.5	
			LN	$M_s = 6.1$	20.0	1.90				LE		16.0	10.0	
			LE		20.0	6.60				LZ	$M_s = 6.1$	18.0	6.56	
			LZ	$M_s = 5.7$	24.0	5.30				eP	15 23 57.5	0.3		
			P	15 23 10.6	-1.4					PMZ	$m_b = 6.2$	1.2	0.25	
QZH	85.0	66	PP	15 25 32.0	1.4		DL2	86.6	51	sP	15 24 03.0	-2.6		
			eS	15 32 14.0	1.9					SKS	15 34 19.0	2.0		
			SME		11.0	2.64				S	15 34 26.0	2.6		
			SS	15 36 50.0	-0.5					LN	$M_s = 6.4$	18.0	8.11	
			LN	$M_s = 6.7$	18.0	25.2				LZ	$M_s = 6.2$	20.0	10.2	
			LE		18.0	7.10				+P	15 24 08.0	2.6		
XAN	76.4	56	LZ	$M_s = 6.4$	22.0	22.3	DL2	86.6	51	PP	15 27 26.0	-2.4		
			P	15 23 01.0	1.8					PPMZ		9.0	1.12	
			PMZ	$m_b = 5.9$	1.6	0.20								
			PP	15 25 50.0	4.6									
			S	15 32 29.0	-1.0									
			SS	15 37 20.0	2.6									
XAN	76.4	56	LN	$M_s = 6.1$	20.0	1.90								
			LE		20.0	6.60								
			LZ	$M_s = 5.7$	24.0	5.30								
			P	15 23 10.6	-1.4									
			PMZ	$m_b = 7.1$	8.0	18.0								
			PP	15 26 03.0	-1.3									
QZN	77.1	72	S	15 32 52.0	-2.8									
			LN	$M_s = 6.7$	15.0	16.3								
			LE		12.0	4.15								
			P	15 23 16.0	0.3									
			PMZ	$m_b = 6.2$	8.0	2.10								
			eS	15 33 04.0	0.3									

CN2	62.9 332	LN	$M_s = 6.2$	21.0	6.09	pP	03 29 30.5	1.1			
		LE		25.0	11.2	sP	03 29 37.5	0.5			
		LZ	$M_s = 6.1$	31.0	21.4	S	03 38 22.0	1.6			
		+P	03 28 20.0	-1.1		SME			10.0	2.47	
		PMZ	$m_b = 6.3$	1.0	0.40	sS	03 38 55.0	3.7			
		PMZ	$m_B = 6.3$	5.0	2.00	SS	03 42 58.0	1.5			
		pP	03 28 40.0	1.9		LN	$M_s = 5.6$	9.0	0.90		
		sP	03 28 48.0	2.2		LE		12.0	0.54		
		S	03 36 42.0	-1.1		LZ	$M_s = 5.8$	36.0	10.8		
		SMN			7.0	1.00	GTA	75.3 315	P	03 29 37.6	-0.3
GYA	64.3 306	SME		7.0	2.60	PMZ	$m_b = 5.7$	1.6	0.20		
		eSS	03 40 51.0	-0.3		PMZ	$m_B = 5.8$	4.0	0.64		
		LN	$M_s = 5.9$	19.0	4.80	PcP	03 29 49.0	-1.2			
		LE		19.0	2.00	pP	03 29 58.0	2.9			
		LZ	$M_s = 5.9$	24.0	10.6	sP	03 30 07.0	4.3			
		-P	03 28 31.0	0.5		S	03 39 12.0	2.3			
		pP	03 28 47.0	-0.4		ScS	03 39 40.0	-0.5			
		PcP	03 29 07.0	3.4		LN	$M_s = 5.6$	15.0	1.42		
		S	03 37 01.0	0.2		LZ	$M_s = 6.0$	32.0	11.5		
		SMN			9.0	2.00	LSA	78.2 303	P	03 29 54.0	-0.1
BJI	65.1 323	SME		9.0	1.40	pP	03 30 13.0	2.0			
		sS	03 37 32.0	0.8		S	03 39 43.0	2.6			
		LZ	$M_s = 5.5$	40.0	6.00	SMN		9.0	0.86		
		eP	03 28 35.5	-0.3		SME		6.0	0.95		
		PMZ	$m_b = 5.7$	1.5	0.17	P	03 30 30.5	-0.9			
		PMZ	$m_B = 6.0$	4.0	0.82	pP	03 30 51.0	2.1			
		esP	03 29 04.0	3.4		PP	03 33 48.0	-2.6			
		ePP	03 31 02.0	0.9		SKS	03 40 47.0	0.9			
		eS	03 37 12.0	-0.3		iS	03 40 57.0	0.8			
		LN	$M_s = 5.7$	16.0	1.78	LZ	$M_s = 5.9$	30.0	8.03		
TIY	66.0 319	LE		16.0	1.75	KSH	92.8 309	P	03 31 07.0	0.3	
		LZ	$M_s = 6.0$	43.0	19.7	pP	03 31 25.5	1.1			
		-P	03 28 40.9	-0.6		SKS	03 41 34.0	2.3			
		PMZ	$m_b = 5.7$	1.8	0.17	S	03 42 06.0	3.5			
		pP	03 29 00.0	1.4		SME		10.0	3.40		
		S	03 37 23.5	1.8		LN	$M_s = 6.3$	12.0	3.50		
		sS	03 37 51.0	-1.3		LZ		3.6	4.60		
		LN	$M_s = 5.7$	20.0	3.25	JUL 10d 14h 19m $10.6 \pm 0.04s$, SD1.18 / 75 15.14 S $\pm 1.63km$, 173.53 W $\pm 1.23km$, $h33 \pm 0.05km$ Tonga $m_b 5.0 / 15$, (173)					
		LZ	$M_s = 5.7$	25.0	6.11	CN2	80.8 320	P	14 31 25.0	1.6	
		P	03 28 42.0	-1.5		epP	14 31 36.0	3.0			
pP	03 29 05.0	4.4		BJI	85.2 314	eP	14 31 48.5	2.7			
S	03 37 25.0	-0.6		JUL 10d 18h 24m $10.8 \pm 0.06s$, SD1.46 / 48 30.86 S $\pm 0.81km$, 177.74 W $\pm 1.31km$, $h34 \pm 0.20km$ Kermadec Islands region $m_b 5.0 / 12$, (177)							
LN	$M_s = 5.7$	16.0	2.40	MDJ	89.1 325	eP	18 37 05.0	0.1			
LE		16.0	1.26	DL2	89.4 317	P	18 37 04.0	-2.3			
-P	03 28 48.0	0.6		TIA	90.4 313	eP	18 37 11.7	0.6			
PMZ	$m_b = 5.7$	2.0	0.20	CN2	90.6 323	P	18 37 11.3	-0.7			
PMZ		3.0	0.80	JUL 10d 21h 51m $21.1 \pm 0.08s$, SD1.42 / 79 15.69 S $\pm 0.57km$, 75.58 W $\pm 0.57km$, $h30 \pm 0.80km$ Off coast of Peru $m_b 5.0 / 14$, (114)							
pP	03 29 04.5	0.2		MDJ	144.2 329	ePKP	22 10 52.7	-2.4			
iS	03 37 38.0	3.7		CN2	146.8 332	ePKP	22 11 01.0	1.4			
LZ	$M_s = 5.8$	20.0	6.10	WMQ	148.6 24	ePKP	22 11 06.5	3.9			
eP	03 28 57.0	-0.7		BJI	153.7 339	ePKP	22 11 11.5	1.3			
pP	03 29 14.5	-0.3		JUL 11d 06h 00m $50.1 \pm 0.05s$, SD1.60 / 59 32.89 N $\pm 0.58km$, 84.70 E $\pm 0.63km$, $h63 \pm 0.10km$ Tibet $M_s 4.8 / 19$, $m_b 4.3 / 10$, (306)							
sP	03 29 22.4	-0.1									
iS	03 37 53.8	-0.5									
isS	03 38 25.5	2.0									
ScS	03 38 46.4	-0.7									
LN	$M_s = 5.8$	15.0	2.52								
LZ	$M_s = 5.6$	28.0	5.06								
-iP	03 29 03.0	1.4									
pP	03 29 21.0	2.3									
ePP	03 31 39.0	2.4									
S	03 38 02.0	1.9									
sS	03 38 34.0	3.1									
LN	$M_s = 6.1$	21.0	6.10								
LE		23.0	4.50								
-P	03 29 12.5	0.2									
PMZ	$m_b = 5.1$	2.0	0.054								
PMZ	$m_B = 5.9$	6.0	0.98								

LSA	6.4 118	P	06 02 26.0	1.8	Yunnan Province $M_L 3.6 / 7,$ KMI 3.1 127 ePn 07 15 22.0 0.1 Pg 07 15 27.0 0.1 Sg 07 16 07.5 -1.4 SMN $M_L = 3.8$ 1.2 0.40 SME 1.0 0.24 CD2 5.1 39 ePn 07 15 52.6 3.5 Pg 07 16 03.6 1.5 Sg 07 17 13.4 2.0 SMN $M_L = 3.8$ 0.8 0.050 SME 0.4 0.15				
		sP	06 02 43.0	1.7					
		S	06 03 40.0	5.6					
		LN	$M_S = 4.6$	10.0					4.72
		LE		8.5					2.28
KSH	9.7 315	P	06 03 10.0	0.4	JUL 11d 13h 07m $24.0 \pm 0.04s, SD1.55 / 122$ $57.22 S \pm 1.32km, 25.47 W \pm 1.28km, h61 \pm 0.11km$ South Sandwich Islands region (153) $m_b 5.4 / 12,$ LZH 140.5 100 ePKP 13 26 50.0 2.5 sPKP 13 27 10.0 -1.4 GTA 140.7 93 ePKP 13 26 47.5 -0.4 WHN 141.5 117 ePKP 13 26 50.5 1.4 XAN 141.6 107 +PKP 13 26 44.6 -4.7 NJ2 144.9 120 +PKP 13 26 55.5 0.5 SSE 145.2 124 +iPKP 13 26 56.0 0.5 TIY 146.2 107 ePKP 13 26 59.0 1.7 pPKP 13 27 16.0 1.9 BTO 147.1 101 PKP 13 27 02.4 3.6 TIA 147.5 114 +PKP 13 27 02.6 3.3				
		sP	06 03 28.0	0.5					
		S	06 04 59.5	3.2					
		LN	$M_S = 4.9$	10.0					5.90
		P	06 03 31.0	1.6					
WMQ	11.2 11	sP	06 03 52.0	4.6	JUL 11d 15h 14m $02.6 \pm 0.05s, SD1.15 / 443$ $59.39 N \pm 0.66km, 136.60 W \pm 0.54km, h10 \pm 0.19km$ South-Eastern Alaska (19) $M_S 5.7 / 36, m_b 5.6 / 10, m_b 5.6 / 79$ MDJ 54.8 299 eP 15 23 34.7 -0.6 PP 15 25 40.0 1.4 S 15 31 20.0 6.6 LE $M_S = 5.6$ 18.0 3.40 LZ $M_S = 5.2$ 20.0 1.90 CN2 57.2 301 +P 15 23 51.6 -1.5 PMZ $m_b = 5.5$ 1.0 0.060 PMZ $m_b = 5.7$ 6.0 0.70 pP 15 24 01.0 2.4 eS 15 31 42.0 -5.5 LN $M_S = 5.4$ 15.0 1.30 LE 15.0 0.60 LZ $M_S = 5.2$ 18.0 2.00 SNY 59.6 301 +iP 15 24 09.2 -0.7 PMZ $m_b = 5.1$ 1.2 0.031 pP 15 24 18.8 3.4 S 15 32 16.0 -1.7 SME 18.0 0.70 LE $M_S = 5.7$ 15.0 2.74 LZ $M_S = 5.6$ 16.0 3.40 DL2 62.9 301 eP 15 24 32.0 0.2 PMZ $m_b = 5.6$ 1.3 0.10 S 15 33 05.0 6.1 LZ $M_S = 5.3$ 18.0 1.69 BJI 64.3 306 eP 15 24 40.0 -1.0 PMZ $m_b = 5.5$ 1.5 0.089 PMZ $m_b = 5.7$ 8.0 0.71 eS 15 33 15.0 -2.5 eSKS 15 34 28.0 -2.4 LN $M_S = 5.4$ 18.0 1.66 LZ $M_S = 5.2$ 16.0 1.40 HHC 65.5 309 P 15 24 48.3 -0.5 S 15 33 36.0 5.1 LN $M_S = 5.7$ 18.0 2.09 LE 15.0 2.04				
		eS	06 05 34.5	2.1					
		LZ	$M_S = 4.4$	14.0					2.42
		eP	06 04 06.8	1.8					
		LN	$M_S = 4.8$	10.0					2.62
GTA	13.8 58	LZ	$M_S = 4.5$	10.0	1.76				
		eP	06 04 36.0	1.7					
		PMZ	$m_b = 4.6$	2.5	0.069				
		pP	06 04 42.5	-2.3					
		eS	06 07 33.0	3.1					
LZH	16.1 73	sS	06 07 50.0	2.8					
		LN	$M_S = 4.7$	9.0	1.03				
		LE		9.0	0.98				
		LZ	$M_S = 4.4$	13.0	1.21				
		eP	06 04 34.4	-2.4					
CD2	16.3 92	LN	$M_S = 4.9$	11.0	2.71				
		LZ	$M_S = 4.6$	9.0	1.58				
		+P	06 04 52.0	-0.5					
		PMZ	$m_b = 4.8$	1.5	0.070				
		pP	06 05 03.0	-0.5					
KMI	17.6 111	S	06 08 02.5	0.4					
		LN	$M_S = 4.5$	6.0	0.50				
		LE		6.0	0.30				
		LZ	$M_S = 4.4$	13.0	1.10				
		P	06 05 22.0	0.2					
GYA	20.1 103	SMN		1.0	1.00				
		SME		1.0	0.40				
		-P	06 05 21.0	-1.9					
		LE	$M_S = 4.7$	10.0	1.23				
		eP	06 05 37.0	-0.4					
XAN	20.2 80	S	06 09 29.0	2.1					
		LN	$M_S = 4.9$	15.0	2.20				
		LE		15.0	1.40				
		eP	06 06 13.0	0.3					
		sS	06 10 58.0	2.1					
BTO	21.6 62	LN	$M_S = 4.9$	10.0	1.21				
		LE		12.0	1.00				
		LZ	$M_S = 4.5$	12.0	0.84				
		eP	06 06 22.5	1.4					
		PMZ	$m_b = 4.2$	1.0	0.0060				
WHN	25.3 87	LN	$M_S = 4.7$	12.0	0.95				
		LZ	$M_S = 4.2$	18.0	0.59				
		eP	06 06 24.0	1.0					
		eS	06 10 51.0	1.5					
		sS	06 11 17.0	2.5					
BJI	26.2 65	LN	$M_S = 4.5$	10.0	0.40				
		LE		10.0	0.40				
		eP	06 07 03.0	-0.4					
		eS	06 12 04.0	2.7					
		LZ	$M_S = 4.2$	16.0	0.44				
QZN	26.4 115	eP	06 07 10.8	-1.7					
		eS	06 12 20.0	2.4					
		LN	$M_S = 5.1$	18.0	2.78				
		LZ	$M_S = 4.4$	21.0	0.80				
		eP	06 07 26.8	1.1					
SSE	30.9 83	JUL 11d 07h 14m $32.7 \pm 0.05s, SD2.31 / 11$ $27.02 N \pm 0.34km, 100.04 E \pm 0.41km, h10 \pm 0.21km$							
SNY	31.9 62								
CN2	33.5 59								

BTO	66.3 310	LZ	$M_s = 5.7$	18.0	4.84	GYA	80.0 306	pP	15 26 13.0	4.8	GZH	80.0 299	S	15 35 53.5	0.2							
		P	15 24 53.0	-1.1	LE			$M_s = 5.8$	12.0	1.60												
		sP	15 25 03.0	0.8	P			15 26 12.0	-2.6	LN			$M_s = 5.9$	20.0	2.80							
		ePP	15 27 22.0	0.8	S			15 36 17.0	1.2	LE				20.0	2.10							
		eS	15 33 38.0	-4.5	LN			$M_s = 5.4$	22.0	2.10			P	15 26 15.0	0.3							
TIA	67.1 303	LN	$M_s = 6.0$	15.0	3.80	KMI	82.7 308	eS	15 36 20.0	2.0	LSA	82.9 320	+P	15 26 30.0	0.8							
		LE		15.0	2.80			PMZ	$m_b = 5.4$	2.0			0.070	QZN	85.1 300	S	15 36 46.0	1.7				
		+P	15 24 58.4	-0.7	LE				16.0	2.20			P			15 26 33.0	2.8					
		LN	$M_s = 5.6$	16.0	1.00			LZ	$M_s = 5.6$	16.0			2.20			eP	15 26 41.0	-0.1				
LE		16.0	1.60	LZ		15.0	2.72	PP	15 30 00.0	1.1												
TIY	67.8 307	LZ	$M_s = 5.2$	16.0	1.30	LTIY	88.6 312	eP	17 47 16.6	-3.9	WMQ	70.9 328	+iP	15 25 21.6	-1.1							
		P	15 25 03.0	-0.6	LN			$M_s = 5.7$	16.0	1.43			SSE	78.3 313	S	15 25 28.0	0.0					
		S	15 34 02.0	2.9	LE				15.0	1.36					GTA	71.1 317	-P	19 59 09.5	-0.7			
		sS	15 34 10.0	0.4	LZ			$M_s = 5.1$	20.0	1.22							XAN	72.4 308	PMZ	$m_b = 4.6$	0.8	0.024
		SS	15 38 27.5	5.9	LZ				13.0	0.93									GZH	79.3 302	PMZ	$m_b = 5.2$
LN	$M_s = 6.0$	20.0	4.50	WHN	73.1 302	S	20 08 14.0	-4.0														
LE		20.0	3.41			QZH	76.0 295	sS	20 11 52.0	-1.5												
LZ	$M_s = 5.6$	15.0	2.72					DL2	83.0 319	S	20 08 28.0	0.4										
+P	15 25 14.0	-0.7	LN							$M_s = 5.5$	14.0	0.78	SNY	83.8 322	eP	19 59 33.0	-1.4					
PMZ	$m_b = 5.3$	1.5	0.049							CD2	77.2 310	P			19 59 15.5	0.4						
PMZ	$m_b = 5.6$	6.0	0.39	KSH	77.8 335							S			20 08 39.0	-0.8						
eS	15 34 17.0	-4.9	LN			$M_s = 5.7$	16.0					1.82			SSE	78.3 313	-iP	19 59 32.4	0.0			
sS	15 34 31.0	-0.1	LZ				19.0	3.93	MDJ			82.6 327					PMZ	$m_b = 5.2$	1.0	0.090		
LN	$M_s = 5.3$	16.0	1.00			WHN	82.7 309	S					20 02 36.5	3.0								
LZ	$M_s = 5.0$	20.0	0.92					DL2		83.0 319	S		20 08 57.0	-4.1								
+P	15 25 15.0	-1.2	LN	$M_s = 5.5$	14.0						0.78		SSE	78.3 313			+P	19 59 21.2	-0.2			
eS	15 34 20.0	-4.9	LE		16.0						2.43				GTA	71.1 317	PMZ	$m_b = 5.1$	0.8	0.068		
LN	$M_s = 5.7$	16.0	1.43	XAN	72.4 308				S		20 08 14.0	-4.0										
LE		15.0	1.36			GZH	79.3 302		sS		20 11 52.0	-1.5										
LZ	$M_s = 5.1$	20.0	1.22					QZH	76.0 295	S	20 08 28.0	0.4										
+iP	15 25 21.6	-1.1	LZ							$M_s = 5.5$	16.0	2.08	QZN	79.9 297			eP	19 59 18.0	-0.3			
pP	15 25 28.0	0.0	LN							$M_s = 5.7$	20.0	3.90			WHN	82.7 309	pP	20 01 21.5	0.4			
S	15 34 30.0	-5.6	LE		16.0					2.43	GZH	79.3 302					eS	20 08 31.0	-4.4			
sS	15 34 42.0	-4.1	LN	$M_s = 5.5$	14.0	0.78	GTA			71.1 317							sS	20 12 09.0	-1.4			
LN	$M_s = 5.5$	14.0	0.78	XAN	72.4 308	+P		19 59 21.2	-0.2													
LE		13.0	0.93			QZH		76.0 295	PMZ				$m_b = 4.6$	0.8			0.024					
LZ	$M_s = 5.5$	16.0	2.08						SSE				78.3 313	PMZ	$m_b = 5.2$	4.0	0.40					
+P	15 25 23.8	-0.3	LZ									16.0		2.08	GZH	79.3 302	S	20 08 14.0	-4.0			
S	15 34 40.0	1.8	LN				$M_s = 5.5$			14.0	0.78	QZN		79.9 297			sS	20 11 52.0	-1.5			
LN	$M_s = 5.6$	13.0	1.48	WHN	73.1 302		S			20 08 28.0	0.4											
LZ	$M_s = 5.7$	20.0	3.90			DL2	83.0 319	S		20 08 39.0	-0.8											
+P	15 25 30.5	-1.2	LE						16.0	2.43	SNY		83.8 322				-iP	19 59 32.4	0.0			
S	15 34 52.0	-1.0	LZ					$M_s = 5.7$	19.0	3.93					MDJ	82.6 327	PMZ	$m_b = 5.2$	1.0	0.090		
LN	$M_s = 5.9$	15.0	1.63					WHN	82.7 309	S		20 02 36.5		3.0								
LE		16.0	2.43	DL2	83.0 319					S		20 08 57.0		-4.1								
+iP	15 25 32.5	-0.4	LN			$M_s = 5.5$	14.0			0.78		SSE		78.3 313			+P	19 59 33.3	0.6			
PMZ	$m_b = 5.6$	1.5	0.099			GTA	71.1 317			PMZ	$m_b = 4.9$		0.7				0.030					
PMZ	$m_b = 5.7$	7.0	0.56							XAN	72.4 308		PMZ		$m_b = 5.3$	5.0	0.60					
pP	15 25 38.5	0.3	LZ						16.0				2.43		GZH	79.3 302	pP	20 01 37.0	0.5			
sP	15 25 41.5	0.6	LN	$M_s = 5.7$	20.0			3.93	QZH				76.0 295				S	20 08 59.5	-2.2			
eS	15 34 54.0	-3.0	LE		16.0			1.82				WHN		82.7 309			eP	19 59 33.0	-1.4			
LN	$M_s = 5.8$	17.0	2.20	DL2	83.0 319	PMZ	$m_b = 5.1$	1.0									0.060					
LE		16.0	1.82			SNY	83.8 322	PP		20 02 53.0	-3.8											
LZ	$M_s = 5.7$	19.0	3.93					WHN		82.7 309	sS				20 12 46.0	0.2						
+P	15 25 35.5	-0.4	LN						$M_s = 5.5$		15.0		1.77		DL2	83.0 319	S	19 59 36.0	-2.3			
PMZ	$m_b = 5.4$	1.5	0.060						MDJ		82.6 327	PMZ	$m_b = 4.7$	0.8			0.018					
sS	15 35 08.0	-3.9	LZ		15.0							1.77	SSE	78.3 313			SKS	20 09 00.0	-3.4			
LE	$M_s = 5.4$	16.0	1.12	GTA	71.1 317	S	20 09 10.0					-2.6										
LZ	$M_s = 5.2$	18.0	1.21			XAN	72.4 308	sS		20 12 56.0		1.9										
+P	15 25 35.5	-0.4	LZ							16.0		1.82			GZH	79.3 302						
PMZ	$m_b = 5.4$	16.0	1.12					QZH	76.0 295													
sS	15 35 08.0	-3.9	LZ							$M_s = 5.2$	20.0	1.25	WHN	82.7 309								
LE	$M_s = 5.4$	16.0	1.12	DL2	83.0 319																	
LZ	$M_s = 5.2$	18.0	1.21			SNY	83.8 322															
+P	15 25 35.5	-0.4	LN							$M_s = 5.5$	15.0	1.77			MDJ	82.6 327						
PMZ	$m_b = 5.4$	1.5	0.060					WHN	82.7 309													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	SSE	78.3 313								
LE	$M_s = 5.4$	16.0	1.12	GTA	71.1 317																	
LZ	$M_s = 5.2$	18.0	1.21			XAN	72.4 308															
+P	15 25 35.5	-0.4	LZ								15.0	1.77			GZH	79.3 302						
PMZ	$m_b = 5.4$	1.5	0.060					QZH	76.0 295													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	WHN	82.7 309								
LE	$M_s = 5.4$	16.0	1.12	DL2	83.0 319																	
LZ	$M_s = 5.2$	18.0	1.21			SNY	83.8 322															
+P	15 25 35.5	-0.4	LN							$M_s = 5.5$	15.0	1.77			MDJ	82.6 327						
PMZ	$m_b = 5.4$	1.5	0.060					WHN	82.7 309													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	SSE	78.3 313								
LE	$M_s = 5.4$	16.0	1.12	GTA	71.1 317																	
LZ	$M_s = 5.2$	18.0	1.21			XAN	72.4 308															
+P	15 25 35.5	-0.4	LZ								15.0	1.77			GZH	79.3 302						
PMZ	$m_b = 5.4$	1.5	0.060					QZH	76.0 295													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	WHN	82.7 309								
LE	$M_s = 5.4$	16.0	1.12	DL2	83.0 319																	
LZ	$M_s = 5.2$	18.0	1.21			SNY	83.8 322															
+P	15 25 35.5	-0.4	LN							$M_s = 5.5$	15.0	1.77			MDJ	82.6 327						
PMZ	$m_b = 5.4$	1.5	0.060					WHN	82.7 309													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	SSE	78.3 313								
LE	$M_s = 5.4$	16.0	1.12	GTA	71.1 317																	
LZ	$M_s = 5.2$	18.0	1.21			XAN	72.4 308															
+P	15 25 35.5	-0.4	LZ								15.0	1.77			GZH	79.3 302						
PMZ	$m_b = 5.4$	1.5	0.060					QZH	76.0 295													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	WHN	82.7 309								
LE	$M_s = 5.4$	16.0	1.12	DL2	83.0 319																	
LZ	$M_s = 5.2$	18.0	1.21			SNY	83.8 322															
+P	15 25 35.5	-0.4	LN							$M_s = 5.5$	15.0	1.77			MDJ	82.6 327						
PMZ	$m_b = 5.4$	1.5	0.060					WHN	82.7 309													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	SSE	78.3 313								
LE	$M_s = 5.4$	16.0	1.12	GTA	71.1 317																	
LZ	$M_s = 5.2$	18.0	1.21			XAN	72.4 308															
+P	15 25 35.5	-0.4	LZ								15.0	1.77			GZH	79.3 302						
PMZ	$m_b = 5.4$	1.5	0.060					QZH	76.0 295													
sS	15 35 08.0	-3.9	LZ								15.0	1.77	WHN	82.7 309								
LE	$M_s = 5.4$	16.0	1.12	DL2	83.0 319																	
LZ																						

GZH	11.0	123	eS	20 31	38.0	0.9			XAN	130.5	12	PKP	23 27	33.5	1.6				
			eP	20 29	42.0	-1.4			CD2	132.2	18	ePKP	23 27	39.0	3.9				
			S	20 31	45.5	-0.9			WHN	134.8	6	ePKP	23 27	44.5	4.7				
			LN		$M_s=4.6$		9.0	1.50	GYA	137.2	17	PKP	23 27	47.0	2.4				
TIY	11.2	40	LE				8.0	1.20	QZN	145.2	16	ePKP	23 28	00.0	1.6				
			eP	20 29	42.5	-3.3						pPKP	23 28	09.4	3.0				
			LN		$M_s=4.5$		8.0	1.47				ePP	23 31	20.5	0.5				
QZN	12.0	149	LZ		$M_s=4.3$		12.0	1.57				ePKS	23 31	33.0	1.9				
			eP	20 29	55.0	-1.4							eSKS	23 34	58.0	-3.5			
			eS	20 32	10.0	-0.2							eSKKS	23 38	07.0	1.6			
BTO	12.4	25	LN		$M_s=4.5$		11.5	1.00				LN		$M_s=6.1$	20.0	1.70			
			LE				11.5	1.60											
			eP	20 30	01.0	-0.9					JUL 13d 04h 10m $51.4 \pm 0.05s$, $SD2.92 / 9$ $29.41 N \pm 0.45km$, $103.34 E \pm 0.58km$, $h16 \pm 0.23km$ Sichuan Province (307) $M_L 3.3 / 6$,								
HHC	13.2	29	LN		$M_s=4.4$		10.0	1.10	CD2	1.5	13	+iPg	04 11	15.7	-3.0				
			LE				9.0	0.60				Sg	04 11	36.2	-3.4				
			P	20 30	13.0	0.2							SMN		$M_L=3.4$	0.4	0.52		
TIA	13.4	56	S	20 32	41.0	1.9						SME			0.3	0.44			
			LN		$M_s=4.4$		10.0	0.75	XAN	6.6	44	ePg	04 12	49.5	1.0				
			LE		$M_s=4.7$		6.0	0.63				Sg	04 14	12.0	-6.8				
NJ2	13.6	75	LZ		$M_s=4.2$		7.0	0.50				SMN		$M_L=3.6$	1.0	0.037			
			+P	20 30	14.3	-1.2							SME			0.7	0.025		
			LN		$M_s=3.8$		15.0	0.50											
BJI	14.9	42	LE		$M_s=4.5$		7.0	0.62	JUL 13d 08h 11m $37.0 \pm 0.03s$, $SD1.13 / 260$ $6.20 S \pm 0.62km$, $154.80 E \pm 0.72km$, $h59 \pm 0.16km$ Solomon Islands (193) $M_s 5.3 / 5$, $m_b 5.5 / 1$, $m_b 5.5 / 59$										
			eP	20 30	35.0	-0.2													
			PMZ		$m_b=4.4$		1.0	0.0070	QZH	46.9	313	+P	08 20	04.6	0.8				
DL2	17.8	53	LN		$M_s=4.2$		9.0	0.52	SSE	49.1	321	+P	08 20	20.0	-0.7				
			eP	20 31	14.6	2.5							eS	08 27	24.0	4.3			
			WMQ	19.0	323	eP	20 31	26.0	-0.4				LZ		$M_s=4.5$	20.0	0.50		
SNY	20.5	48	PMZ		$m_b=4.5$		0.8	0.018				GZH	49.9	307	+P	08 20	26.1	-0.9	
			pP	20 31	49.2	-1.8							QZN	50.9	301	-P	08 20	36.4	1.7
			S	20 35	26.0	0.2							PMZ		$m_b=5.4$	0.8	0.040		
CN2	22.7	45	sS	20 35	36.0	-2.5						eS	08 27	45.5	0.5				
			LN		$M_s=4.2$		17.0	0.59				sS	08 28	14.5	4.3				
			LE				19.0	0.41	NJ2	51.2	320	-P	08 20	37.6	0.7				
KSH	24.6	301	eP	20 32	06.0	0.7						pP	08 20	51.5	0.1				
			P	20 32	25.5	1.6							S	08 27	54.0	6.1			
			pP	20 32	30.0	-2.0							sS	08 28	19.0	4.8			
MDJ	25.7	47	S	20 36	44.5	4.6						LZ		$M_s=4.3$	20.0	0.31			
			eP	20 32	39.0	4.8							eP	08 20	52.9	0.6			
													PMZ		$m_b=5.5$	1.0	0.060		
JUL 12d 23h 08m $22.4 \pm 0.05s$, $SD1.30 / 313$ $14.68 N \pm 0.78km$, $60.45 W \pm 0.62km$, $h28 \pm 0.17km$ Windward Islands (95) $M_s 6.1 / 6$, $m_b 6.0 / 1$, $m_b 5.3 / 64$									DL2	54.4	328	eP	08 21	00.0	-0.7				
KSH	112.5	35	ePKP	23 26	53.0	-4.0						PMZ		$m_b=5.4$	1.0	0.050			
			GTA	123.1	18	ePKP	23 27	17.4	-0.4										
			LN		$M_s=6.1$		20.0	2.30	TIA	55.0	323	+P	08 21	03.8	-1.5				
HHC	124.3	7	LZ		$M_s=6.1$		22.0	4.33	MDJ	55.4	338	+P	08 21	05.0	-3.3				
			ePKP	23 27	22.0	2.1							eP	08 21	08.0	-1.9			
			BJI	125.5	3	ePKP	23 27	25.5	3.4				eS	08 28	48.0	-1.6			
LZH	127.4	16	ePP	23 29	14.5	-1.7						LN		$M_s=5.0$	32.0	1.23			
			LZ		$M_s=5.2$		28.0	0.69				LE			32.0	0.91			
			ePKP	23 27	30.0	4.0						LZ		$M_s=4.8$	34.0	1.30			
TIY	127.5	7	sPKP	23 27	38.0	0.7						PMZ		$m_b=5.3$	1.0	0.040			
			ePP	23 29	29.0	0.5													
			eSS	23 46	30.0	-4.1													
TIA	129.3	3	LN		$M_s=6.2$		20.0	1.97	BJI	58.2	326	eP	08 21	26.0	-1.6				
			LE				18.0	1.41				PMZ		$m_b=4.8$	1.0	0.012			
			LZ		$M_s=6.1$		21.0	3.79	TIY	58.9	321	P	08 21	32.0	-0.6				
XAN	59.0	316	LZ		$M_s=6.1$		21.0	3.79				S	08 29	34.0	3.5				
			ePKP	23 27	28.0	1.9							LN		$M_s=5.3$	24.0	1.74		
			PPMZ		$m_b=6.0$		7.0	0.54				LZ		$M_s=5.0$	24.0	1.36			
XAN	59.0	316	LN		$M_s=6.0$		15.0	1.45				+P	08 21	32.5	-1.1				
			ePKP	23 27	31.1	1.5							S	08 29	33.0	0.5			
			LZ		$M_s=5.6$		28.0	1.60											



KMI	59.4	304	+P	08 21 37.5	0.8		
			PMZ	$m_b = 5.9$	1.2	0.20	
			pP	08 21 51.0	-0.2		
			eS	08 29 44.0	4.5		
			LZ	$M_s = 4.9$	26.0	1.10	
CD2	61.2	310	+iP	08 21 48.0	-0.3		
			PMZ	$m_b = 5.4$	0.9	0.040	
			eS	08 30 02.0	0.6		
HHC	61.3	324	+P	08 21 49.0	-0.7		
			S	08 30 04.5	2.0		
			LN	$M_s = 5.5$	18.0	1.77	
			LE		18.0	1.06	
BTO	62.1	323	P	08 21 54.0	-0.8		
			eS	08 30 12.0	-1.6		
LZH	63.6	315	+P	08 22 05.0	0.1		
			PMZ	$m_b = 5.5$	1.4	0.079	
			PMZ	$m_B = 5.5$	5.0	0.34	
			pP	08 22 19.0	-0.6		
			eS	08 30 32.0	-0.6		
			LZ	$M_s = 4.8$	23.0	0.77	
GTA	68.0	317	+iP	08 22 33.0	0.0		
			LZ	$M_s = 4.9$	26.0	0.93	
LSA	70.7	304	P	08 22 50.2	0.6		
WMQ	78.1	317	-P	08 23 32.7	0.5		
KSH	85.4	310	P	08 24 10.0	-0.2		
			pP	08 24 30.0	4.7		
			S	08 34 37.5	4.4		

JUL 13d 08h 36m $36.6 \pm 0.04s$, SD1.38 / 36
 $13.10 S \pm 1.21km$, $112.14 W \pm 1.48km$, $h2 \pm 0.48km$
 Northern Easter I. Cordillera (694)
 $m_b 4.7 / 3$,

WMQ	145.0	335	PKP	08 56 16.2	-0.4		
			LZ	$M_s = 5.8$	20.0	1.44	
KMI	145.0	295	+PKP	08 56 17.0	0.2		

JUL 13d 14h 20m $42.9 \pm 0.03s$, SD1.17 / 558
 $36.47 N \pm 1.01km$, $70.79 E \pm 0.54km$, $h216 \pm 0.03km$
 Hindu Kush region (718)
 $m_b 5.8 / 33$, $m_b 5.7 / 130$,

KSH	5.1	52	+iP	14 22 00.0	0.5		
			S	14 23 00.0	1.5		
			LN		4.0	21.0	
WMQ	14.9	55	+iP	14 24 02.7	-1.4		
			PMZ	$m_b = 6.6$	2.0	4.75	
			iS	14 26 42.0	-1.5		
			SME		6.0	22.2	
LSA	18.3	106	P	14 24 45.5	1.4		
			iS	14 28 02.0	3.5		
			LE		9.0	1.51	
GTA	23.0	74	+iP	14 25 32.5	1.9		
			PMZ	$m_B = 6.2$	8.0	5.97	
			PMZ		18.0	7.65	
			pP	14 26 11.0	-2.2		
			sP	14 26 35.5	-0.9		
			S	14 29 24.0	2.6		
			SS	14 30 32.0	-5.6		
			ScS	14 36 17.6	2.9		
			SME		11.0	12.5	
			LN		12.0	5.69	
			LZ		16.0	8.54	
LZH	26.6	81	+P	14 26 03.5	0.0		
			PMZ	$m_b = 5.9$	2.5	0.69	
			PMZ	$m_B = 5.9$	10.0	2.70	
			pP	14 26 47.5	2.0		
			PP	14 27 02.5	4.3		
			iS	14 30 22.0	1.0		
			SME		32.0	15.6	

			SME				
			sS	14 31 38.0	2.7		
			SS	14 32 00.0	4.6		
			ScP	14 32 43.0	3.4		
			ScS	14 36 34.0	4.8		
CD2	27.9	92	+eP	14 26 16.0	0.6		
			PMZ	$m_b = 6.0$	1.1	0.43	
			S	14 30 38.5	-2.6		
			LN		10.0	8.04	
			LZ		18.0	5.46	
KMI	29.5	103	+P	14 26 30.0	-0.2		
			PMZ	$m_b = 5.9$	2.5	0.70	
			PMZ		3.0	1.10	
			S	14 31 12.0	4.9		
			LN		8.0	4.70	
			LZ		16.0	4.40	
BTO	30.8	70	P	14 26 41.0	0.1		
			sP	14 27 46.0	-2.9		
			S	14 31 28.0	1.4		
			ScP	14 32 55.0	2.1		
			LN		12.0	6.40	
			LE		10.0	2.00	
XAN	31.1	83	+iP	14 26 43.0	-0.6		
			PMZ	$m_b = 5.6$	1.0	0.16	
			PMZ	$m_B = 5.7$	6.0	1.06	
			pP	14 27 30.0	3.1		
			PP	14 27 54.0	-0.7		
			S	14 31 35.0	3.5		
			ScP	14 32 59.0	5.1		
			LN		11.5	3.28	
			LE		12.0	2.85	
HHC	31.9	70	+P	14 26 51.5	0.6		
			PMZ	$m_b = 5.6$	1.0	0.16	
			PP	14 28 06.4	1.4		
			S	14 31 47.0	2.6		
			SMN		10.0	1.50	
			SME		9.0	2.10	
			SS	14 33 54.0	0.1		
			ScS	14 36 59.0	4.6		
			LN		11.0	4.11	
			LE		13.0	3.02	
			LZ		18.0	8.22	
GYA	32.0	98	P	14 26 52.0	0.3		
			pP	14 27 35.0	-0.2		
			sP	14 27 58.0	-1.9		
			PP	14 28 07.0	0.9		
			S	14 31 51.0	5.1		
			SMN		7.0	3.20	
			SME		7.0	4.60	
			ScP	14 32 59.0	2.0		
			ScS	14 36 57.0	2.1		
			LN		15.0	2.10	
			LE		15.0	4.80	
			LZ		18.0	3.70	
TIY	33.0	75	+P	14 27 01.0	0.5		
			PMZ	$m_b = 5.8$	1.6	0.38	
			PMZ	$m_B = 5.9$	7.0	2.04	
			sP	14 28 09.5	0.8		
			S	14 32 03.0	1.3		
			ScS	14 37 03.0	2.9		
			LN		13.0	5.92	
			LZ		20.0	4.00	
BJI	35.5	70	eP	14 27 21.5	0.1		
			PMZ	$m_B = 5.7$	9.0	1.93	
			esP	14 28 33.0	2.8		
			ePcP	14 29 47.0	1.6		
			eS	14 32 41.5	0.8		
			eScP	14 33 12.0	2.7		

QZH	47.0	313	eP	02 30 27.0	1.0		
WHN	53.4	316	eP	02 31 15.2	0.9		
			pP	02 31 30.5	1.6		
CN2	56.5	335	eP	02 31 36.6	-0.3		
TIY	59.0	321	eP	02 31 53.7	-0.8		
			LZ	$M_s=4.7$	21.0	0.64	
XAN	59.1	316	+P	02 31 54.5	-1.1		
LZH	63.8	315	+P	02 32 26.5	-0.3		
			PMZ	$m_b=5.0$	1.5	0.028	
			pP	02 32 43.0	1.5		
GTA	68.2	317	eP	02 32 55.0	0.1		
WMQ	78.2	317	eP	02 33 54.0	0.1		

JUL 14d 03h 48m $32.1 \pm 0.03s$, SD1.04 / 201
 10.42 S $\pm 0.68km$, 161.41 E $\pm 0.65km$, h92 $\pm 0.14km$
 Solomon Islands (193)
 $m_b 5.8 / 1$, $m_b 5.3 / 41$,

QZH	54.6	311	eP	03 57 53.6	0.0		
SSE	56.5	318	-P	03 58 07.1	-0.3		
			PMZ	$m_b=5.3$	1.0	0.039	
			LN		12.0	1.12	
			LE		12.0	0.73	
			LZ		8.0	0.50	
NJ2	58.6	318	+P	03 58 22.5	0.1		
			pP	03 58 41.2	-3.6		
			eS	04 06 12.0	-6.2		
WHN	60.8	314	+P	03 58 37.5	0.0		
			pP	03 58 56.5	-3.6		
MDJ	61.9	335	eP	03 58 44.3	-0.3		
			PMZ	$m_b=5.1$	1.0	0.025	
			pP	03 59 05.0	-2.1		
			eS	04 06 55.0	-4.9		
TIA	62.4	320	P	03 58 46.0	-1.9		
SNY	62.5	329	eP	03 58 47.7	-1.2		
			PMZ	$m_b=5.1$	1.0	0.024	
			pP	03 59 07.3	-4.2		
			eS	04 07 04.0	-4.0		
			LE		30.0	0.58	
			LZ		30.0	1.10	
CN2	63.1	332	-iP	03 58 52.1	-0.6		
			PMZ	$m_b=5.6$	1.0	0.090	
			PMZ	$m_b=5.8$	4.0	0.50	
			pP	03 59 15.0	-0.3		
			eS	04 07 14.0	-1.0		
			LZ		24.0	0.70	
BJI	65.4	323	eP	03 59 07.0	-0.5		
			PMZ	$m_b=5.0$	1.2	0.026	
			esP	03 59 42.0	1.3		
			eS	04 07 41.0	-2.2		
TIY	66.3	319	+P	03 59 13.4	0.1		
XAN	66.6	314	P	03 59 15.0	-0.3		
HHC	68.6	321	eP	03 59 27.0	-1.2		
			pP	03 59 47.0	-4.0		
			LE		10.0	0.50	
			LZ		16.0	0.71	
BTO	69.4	321	P	03 59 33.0	-0.2		
LZH	71.2	314	-P	03 59 44.2	0.3		
			PMZ	$m_b=5.4$	1.6	0.088	
			pP	04 00 04.0	-2.8		
			LZ		24.0	0.41	
GTA	75.6	315	-iP	04 00 09.8	0.4		
			pP	04 00 29.6	-2.8		
WMQ	85.6	316	eP	04 01 02.0	-0.6		
			sP	04 01 36.0	-0.2		

JUL 14d 03h 51m $55.5 \pm 0.05s$, SD1.58 / 69
 20.51 N $\pm 0.61km$, 100.63 E $\pm 0.57km$, h29 $\pm 0.08km$
 Indo-Pacific Peninsula (299)

$M_s 4.7 / 12$, $M_L 5.1 / 4$, $m_b 4.5 / 22$							
KMI	5.0	23	ePn	03 53 08.5	-1.0		
			+Pg	03 53 30.5	6.4		
			Sg	03 54 36.0	3.3		
			SMN			2.0	0.70
			SME			2.0	0.70
			LN	$M_B=4.6$		5.0	3.20
			LE			5.0	2.60
GYA	8.1	42	P	03 53 53.2	-1.2		
			S	03 55 23.0	-2.6		
			SMN	$M_L=5.1$		1.2	0.50
			SME			1.2	0.50
			LN	$M_B=4.8$		6.0	2.30
			LE			6.0	2.10
			LZ	$M_S=4.4$		10.0	2.50
QZN	8.8	98	eP	03 54 04.2	0.3		
			eS	03 55 41.5	-1.6		
			LN	$M_S=4.5$		7.0	1.50
			LE			7.0	0.90
LSA	12.5	319	P	03 54 56.0	0.4		
			eS	03 57 17.0	1.3		
XAN	15.3	27	P	03 55 30.0	-2.0		
			LN	$M_S=4.8$		10.0	1.52
			LE			11.0	1.64
LZH	15.8	10	P	03 55 38.5	0.9		
			PMZ	$m_b=4.6$		1.8	0.045
			pP	03 55 43.5	-0.8		
			LE	$M_S=4.3$		11.0	0.74
			LZ	$M_S=4.0$		10.0	0.43
WHN	15.9	48	eP	03 55 41.5	2.5		
GTA	18.9	358	eP	03 56 17.2	1.0		
			LE	$M_S=4.4$		11.0	0.72
			LZ	$M_S=4.5$		10.0	0.96
NJ2	19.9	51	eP	03 56 28.0	-0.3		
TIY	20.0	28	eP	03 56 29.0	0.3		
			LN	$M_S=4.7$		14.0	1.12
			LE			14.0	1.10
			LZ	$M_S=4.6$		11.0	1.48
TIA	21.3	39	P	03 56 42.8	0.6		
BTO	21.6	20	P	03 56 45.0	-0.1		
HHC	22.3	22	eP	03 56 53.0	0.4		
			eS	04 00 54.0	2.4		
BJI	23.6	31	eP	03 57 06.0	1.2		
			PMZ	$m_b=4.6$		1.2	0.027
			eS	04 01 15.0	1.0		
			LN	$M_S=4.1$		10.0	0.27
			LZ	$M_S=4.2$		12.0	0.42
WMQ	25.6	338	eP	03 57 26.0	1.4		

JUL 14d 05h 54m $25.1 \pm 0.03s$, SD1.08 / 550
 0.06 N $\pm 0.96km$, 17.39 W $\pm 0.84km$, h10 $\pm 0.09km$
 North of Ascension Island (407)
 $M_s 6.7 / 41$, $m_b 6.7 / 18$, $m_b 6.0 / 66$

KSH	92.5	51	P	06 07 40.0	1.1		
			sP	06 07 47.0	0.2		
			PP	06 11 25.0	3.4		
			S	06 18 44.0	5.0		
			sS	06 18 52.0	2.1		
			LE	$M_S=7.1$		15.0	32.0
WMQ	100.8	45	+iP	06 08 16.6	-0.1		
			PP	06 12 26.0	-0.1		
			PPMZ	$m_b=7.1$		7.0	4.33
			PPMZ			20.0	3.00
			SKS	06 18 55.0	1.9		
			LZ	$M_S=6.5$		16.0	12.1
LSA	106.0	59	Pdif	06 08 38.0	-2.0		
			PP	06 13 03.0	-1.6		
			LN	$M_S=6.2$		15.0	2.44

Fox Islands				(9)					TIY	44.7	8	eP	07 34	51.4	0.5					
M _S 4.9 / 7, m _b 5.0 / 78,												eS	07 41	31.0	6.2					
MDJ	40.5	284	eP	05 40	15.2	-0.8						LN		M _S =5.2	14.0	1.31				
CN2	43.4	286	eP	05 40	39.0	-0.7						LZ		M _S =5.0	18.0	1.70				
			PMZ		m _b =5.3		1.0	0.040	GTA	46.1	354	eP	07 35	00.0	-2.1					
			pP	05 40	56.0	1.8						LE		M _S =5.0	14.0	0.88				
			eS	05 47	02.0	-0.9						LZ		M _S =5.0	16.0	1.46				
			LZ		M _S =4.6		24.0	1.00	WMQ	52.6	344	eP	07 35	51.4	-0.7					
SNY	45.7	285	+iP	05 40	58.0	-0.1			KSH	53.2	332	P	07 35	56.0	-0.7					
			PcP	05 42	31.0	-3.6						pP	07 36	06.0	-0.1					
			eS	05 47	38.0	2.1						S	07 43	23.0	0.3					
			LN		M _S =4.9		22.0	1.00	CN2	53.5	18	eP	07 36	00.0	0.9					
			LZ		M _S =4.6		22.0	0.81				pP	07 36	10.0	1.4					
BJI	51.2	287	eP	05 41	39.0	-1.3						eS	07 43	30.0	1.5					
HHC	53.3	291	eP	05 41	56.0	-0.2						LN		M _S =5.1	15.0	0.90				
			LZ		M _S =4.9		20.0	1.20				LE			15.0	0.30				
BTO	54.3	292	eP	05 42	04.0	0.2						LZ		M _S =4.8	15.0	0.60				
			eS	05 49	34.0	-1.4														
			LN		M _S =5.0		17.0	0.60	JUL 15d 09h 57m 52.0 ± 0.04s, SD1.85 / 25											
			LE				17.0	0.60	39.52 N ± 0.53km, 74.93 E ± 0.47km, h28 ± 0.22km											
SSE	54.3	276	-P	05 42	04.0	0.2			Southern Xinjiang Province (321)											
			PMZ		m _b =5.0		1.0	0.019	M _S 3.9 / 1, M _L 3.8 / 3, m _b 4.5 / 9											
			sP	05 42	26.0	1.1			KSH	0.8	90	+iPg	09 58	07.2	0.7					
			i	05 49	44.0							Sg	09 58	20.5	3.2					
			LZ		M _S =4.5		20.0	0.46	WMQ	10.5	62	P	10 00	24.0	0.3					
TIY	54.9	288	P	05 42	08.2	0.1			GTA	19.2	82	eP	10 02	17.8	1.0					
			eS	05 49	45.5	2.3						LE		M _S =3.9	10.0	0.22				
			LN		M _S =5.2		24.0	1.74	JUL 15d 10h 01m 06.2 ± 0.03s, SD1.21 / 102											
			LZ		M _S =5.0		25.0	1.53	23.11 S ± 1.52km, 175.14 W ± 0.86km, h39 ± 0.37km											
NJ2	55.1	278	eP	05 42	06.3	-2.8			Tonga region (174)											
			LZ		M _S =4.6		26.0	0.68	M _S 5.2 / 4, m _B 5.9 / 4, m _b 5.5 / 30											
WHN	58.8	280	eP	05 42	35.5	-0.3			SSE	81.4	309	eP	10 13	21.0	-0.4					
XAN	59.5	287	P	05 42	40.0	-0.6						sS	10 23	46.0	-0.7					
QZH	60.4	273	+P	05 42	46.3	-0.1						LZ		M _S =4.8	20.0	0.46				
GTA	60.7	297	+iP	05 42	48.0	-1.2			NJ2	83.6	309	eP	10 13	32.8	0.2					
			LE		M _S =4.8		14.0	0.35				LZ		M _S =4.7	20.0	0.31				
			LZ		M _S =5.2		13.0	1.18	MDJ	84.2	324	+P	10 13	36.5	0.8					
LZH	60.9	292	P	05 42	50.4	-0.1			QZN	84.3	293	eP	10 13	35.5	-1.0					
			PMZ		m _b =5.3		1.0	0.038	DL2	85.4	316	eP	10 13	41.0	-0.9					
			pP	05 43	03.5	-1.7			SNY	85.9	319	+P	10 13	43.0	-1.2					
			LN		M _S =5.0		17.0	0.61				S	10 24	11.0	-1.0					
			LZ		M _S =4.9		21.0	0.98				LE		M _S =5.1	19.0	0.41				
WMQ	63.7	308	P	05 43	07.5	-1.0						LZ		M _S =4.9	20.0	0.55				
CD2	64.8	288	P	05 43	15.8	0.1			CN2	86.0	321	+P	10 13	44.5	-0.1					
GZH	64.9	275	+P	05 43	14.5	-2.2						PMZ		m _b =5.9	1.8	0.20				
GYA	66.4	283	+iP	05 43	26.4	0.2						PMZ		m _B =5.9	4.0	0.50				
KMI	69.7	285	+P	05 43	47.0	0.2			WHN	86.1	305	-P	10 13	47.0	1.8					
			PMZ		m _b =5.5		1.0	0.060				PMZ		m _B =5.9	4.0	0.43				
QZN	70.1	275	P	05 43	50.6	1.3						pP	10 13	58.0	1.9					
JUL 15d 07h 26m 39.0 ± 0.04s, SD1.51 / 61												TIA	87.0	311	P	10 13	49.2	-0.3		
6.63 S ± 0.88km, 104.94 E ± 1.05km, h33 ± 0.10km												BJI	89.6	314	eP	10 14	02.0	0.0		
South-west of Sumatera															PMZ		m _b =5.6	1.7	0.071	
M _S 5.0 / 11, m _b 4.7 / 9,															PMZ			3.0	0.41	
QZN	25.9	11	eP	07 32	10.5	0.0			GYA	90.2	299	P	10 14	06.2	1.1					
			eS	07 36	39.0	2.4			TIY	91.0	311	+P	10 14	09.5	0.9					
			LN		M _S =5.1		16.0	2.60				PMZ		m _b =5.6	1.4	0.050				
			LE				14.5	1.70				pP	10 14	21.0	1.6					
GYA	32.9	3	P	07 33	16.6	3.5						sS	10 25	19.0	-0.3					
WHN	38.0	13	eP	07 33	57.5	1.1						LE		M _S =5.3	16.0	0.51				
			LE		M _S =4.9		15.0	1.18	XAN	91.8	306	+P	10 14	12.7	0.3					
XAN	40.6	5	P	07 34	18.5	0.6			HHC	93.1	313	eP	10 14	18.0	-0.2					
LZH	42.5	359	eP	07 34	30.0	-3.5						pP	10 14	29.5	0.5					
			PMZ		m _b =4.7		2.0	0.025				SKS	10 24	47.0	1.0					
			sP	07 34	45.0	-1.7			BTO	94.0	313	eP	10 14	23.0	0.6					
			LN		M _S =5.1		12.0	0.83	CD2	94.4	302	P	10 14	25.6	1.3					
			LE				12.0	0.82	LZH	96.5	306	+P	10 14	33.5	-0.2					
			LZ		M _S =5.0		16.0	1.55												



				24.25 N ± 0.74km, 121.85 E ± 0.72km, h22 ± 0.20km Taiwan M _S 5.2 / 44, M _L 5.1 / 8, m _b 5.4 / 11,								
		PMZ	m _b = 5.8	2.3	0.058	QZH	3.0 284 +iPn	07 13 11.0	0.4			
		pP	10 14 45.0	0.6			Sn	07 13 46.5	-1.6			
		eSKS	10 25 03.0	-1.3			LN	M _B = 4.8	10.0	17.0		
		LE	M _S = 5.5	20.0	0.97		LE		10.0	14.6		
		LZ	M _S = 5.3	22.0	1.00		LZ	M _B = 4.8	12.0	19.6		
GTA	100.7 308	eP	10 14 53.0	0.2			SSE	6.8 355 +P	07 14 04.0	-1.1		
		LZ	M _S = 5.1	24.0	0.64			PMZ	m _b = 5.3	0.6	0.13	
JUL 15d 17h 58m 33.5 ± 0.23s, SD3.52 / 9 38.04 N ± 1.72km, 76.87 E ± 1.71km, h35 ± km Southern Xinjiang Province (321) M _L 3.9 / 5,												
KSH	1.7 334	P	17 58 59.7	-1.0				S	07 15 23.0	0.1		
		S	17 59 24.0	3.4				SMN	M _L = 4.7	1.0	0.37	
		SMN	M _L = 3.9	0.2	1.30			SME		1.0	0.37	
		SME		0.2	1.20			LN	M _B = 5.0	11.0	13.6	
WMQ	10.0 51	eP	18 00 57.6	-0.9		GZH	7.9 263	P	07 14 16.8	-2.7		
		S	18 02 54.8	4.4				LN	M _B = 5.2	6.0	4.58	
		SME		0.8	0.010			LE		6.0	7.37	
GTA	18.0 78	eP	18 02 40.4	-2.2				LZ	M _S = 4.9	12.0	8.83	
JUL 15d 20h 13m 29.6 ± 0.05s, SD1.58 / 142 9.09 S ± 0.84km, 118.23 E ± 1.18km, h86 ± 0.10km Sumbawa region (285) m _b 5.6 / 1, m _b 5.2 / 43,												
QZN	29.1 344	eP	20 19 24.5	-0.5				SMN	M _L = 5.4	1.2	1.08	
		eS	20 24 15.0	5.4				SME		1.4	0.74	
GYA	37.1 343	P	20 20 34.8	1.1				LN	M _S = 5.0	10.0	8.01	
KMI	37.2 336	-P	20 20 37.0	1.9				LZ	M _S = 5.3	6.0	11.2	
		PMZ	m _b = 5.3	1.6	0.080			WHN	9.1 315	P	07 14 37.0	-0.1
WHN	39.6 355	-P	20 20 56.7	2.3				S	07 16 19.0	-1.2		
		PMZ	m _b = 5.2	1.5	0.060			LN	M _S = 5.6	8.0	22.9	
		eS	20 26 57.0	6.1				LE		10.0	9.64	
SSE	40.1 4	eP	20 21 01.0	2.7				LZ	M _S = 5.2	10.0	12.0	
NJ2	40.9 1	-P	20 21 07.0	1.6				QZN	12.3 247	eP	07 15 21.6	1.2
		PMZ	m _b = 5.2	1.0	0.040			eS	07 17 37.4	-0.5		
CD2	42.1 341	P	20 21 14.9	-0.5				LN	M _S = 5.0	15.0	6.90	
XAN	43.8 349	P	20 21 28.0	-1.0				TIA	12.6 342	eP	07 15 21.5	-2.8
TIY	46.9 354	-P	20 21 53.0	-0.5				GYA	13.9 282	P	07 15 41.4	-0.3
		PMZ	m _b = 5.3	1.0	0.040			pP	07 15 49.4	1.9		
		LZ	M _S = 4.5	20.0	0.50			S	07 18 18.4	2.6		
LZH	46.9 344	+P	20 21 53.5	-0.6				SMN		2.0	1.90	
		PMZ	m _b = 5.4	2.0	0.11			SME		2.0	1.10	
		PMZ	m _B = 5.6	4.0	0.33			LN	M _S = 5.3	10.0	3.80	
		PcP	20 23 26.0	1.0				LE		10.0	6.10	
		ScP	20 27 12.5	3.1				LZ	M _S = 4.7	15.0	3.40	
		ScS	20 31 37.0	0.6				DL2	14.6 359	+P	07 15 55.0	4.1
		LZ	M _S = 4.1	20.0	0.24			eS	07 18 36.0	2.8		
BJI	48.9 358	eP	20 22 09.0	-0.3				LN	M _S = 5.2	13.0	7.50	
		PMZ	m _b = 5.4	1.2	0.057			LZ	M _S = 5.0	13.0	5.40	
BTO	50.0 352	P	20 22 17.0	-0.9				XAN	14.9 314	P	07 15 54.0	-0.8
HHC	50.1 353	-P	20 22 18.6	0.3				LN	M _S = 5.4	8.0	5.30	
SNY	50.9 5	+P	20 22 23.0	-1.6				LE		10.0	7.00	
		PMZ	m _b = 5.3	1.2	0.043			TIY	15.6 331	+P	07 16 07.5	3.1
		LZ	M _S = 4.5	24.0	0.51			LN	M _S = 5.1	11.0	4.94	
GTA	51.2 342	P	20 22 26.2	-0.7				LZ	M _S = 5.2	12.0	7.47	
		PMZ	m _b = 5.2	1.0	0.028			BJI	16.5 344	eP	07 16 17.5	2.9
CN2	53.0 7	P	20 22 39.0	-1.7				PMZ	m _B = 5.1	10.0	0.83	
		PMZ	m _b = 5.5	1.8	0.10			eS	07 19 18.0	1.8		
		eS	20 30 07.0	4.3				LN	M _S = 4.9	11.0	3.16	
MDJ	54.4 10	+P	20 22 50.0	-0.8				LZ	M _S = 5.0	13.0	5.04	
		PMZ	m _b = 5.9	1.0	0.14			CD2	17.3 296	P	07 16 26.8	0.9
WMQ	59.5 335	-iP	20 23 26.0	-0.7				LN	M _S = 5.6	7.0	8.30	
		eS	20 31 28.0	-0.3				LZ	M _S = 5.2	10.0	5.80	
KSH	62.2 324	P	20 23 44.0	-1.5				KMI	17.4 277	-P	07 16 27.5	0.9
		eS	20 32 06.0	2.5				PMZ	m _b = 4.7	2.0	0.080	
JUL 16d 07h 12m 23.3 ± 0.04s, SD1.67 / 136												
								PMZ	m _B = 5.4	4.0	0.80	
								sP	07 16 41.0	4.5		
								S	07 19 33.0	-4.0		
								LN	M _S = 5.3	7.0	4.50	
								LZ	M _S = 5.4	12.0	12.4	

		S	07 37	43.0	3.1		
		LE		$M_s=7.6$	20.0	1000	
		LZ		$M_s=7.3$	29.0	938	
LSA	30.9 302	P	07 32	54.0	2.1		
		SS	07 39	35.0	-1.1		
		LN		$M_s=6.9$	20.0	166	
		LE			20.0	130	
WMQ	39.9 321	+iP	07 34	09.0	0.7		
		PMZ		$m_b=7.1$	9.0	27.8	
		sS	07 40	20.0	-4.8		
		LE		$M_s=7.9$	24.0	1500	
KSH	46.0 310	+P	07 35	00.0	2.2		
		pP	07 35	07.0	1.5		
		S	07 41	45.5	5.8		
		SMN			12.0	65.7	
		LZ		$M_s=6.8$	20.0	117	

QZN	10.9 287	eP	08 38	08.7	-1.3		
		eS	08 40	09.0	-3.4		
		LN		$M_s=5.9$	14.0	42.9	
		LE			15.0	53.2	
SSE	14.8 1	P	08 39	00.0	-1.7		
WHN	15.5 338	P	08 39	10.5	0.2		
		pP	08 39	18.0	0.4		
NJ2	15.9 354	+P	08 39	16.2	0.8		
GYA	16.7 310	P	08 39	27.8	1.4		
KMI	19.2 301	-P	08 39	59.0	2.4		
TIA	20.2 351	-P	08 40	07.2	-0.3		
		PMZ		$m_b=5.0$	1.6	0.13	
XAN	20.8 331	P	08 40	13.5	-0.1		
CD2	21.5 316	P	08 40	20.5	0.2		
DL2	22.6 1	eP	08 40	32.0	0.1		
TIY	22.7 342	eP	08 40	33.0	0.2		
BJI	24.1 351	eP	08 40	46.5	0.1		
		PMZ		$m_b=5.5$	1.5	0.28	
LZH	25.0 326	P	08 40	56.0	1.0		
		PMZ		$m_b=5.1$	1.2	0.096	
SNY	25.6 5	eP	08 40	59.2	-1.8		
		PMZ		$m_b=5.4$	1.4	0.13	
HHC	25.9 344	eP	08 41	05.0	1.7		
		PMZ		$m_b=5.9$	1.6	0.44	
BTO	26.1 341	eP	08 41	06.2	0.8		
CN2	27.8 7	eP	08 41	20.5	-0.2		
MDJ	29.3 13	eP	08 41	32.8	-1.1		
WMQ	39.4 321	eP	08 43	02.4	1.4		

JUL 16d 07h 45m $59.0 \pm 0.07s$, SD1.87 / 21
 15.65 N $\pm 0.93km$, 121.39 E $\pm 1.64km$, h36 $\pm 0.27km$
 Luzon (249)
 $m_b 5.2 / 4$,
 XAN 21.5 331 P 07 50 47.5 0.5
 LZH 25.7 326 P 07 51 27.5 -0.4
 SNY 26.2 4 +P 07 51 31.2 -0.9

JUL 16d 07h 53m $52.4 \pm 0.03s$, SD1.52 / 67
 15.95 N $\pm 0.80km$, 120.60 E $\pm 0.99km$, h54 $\pm 0.42km$
 Luzon (249)
 $m_b 5.4 / 23$,
 WHN 15.6 340 eP 07 57 32.0 1.3
 NJ2 16.1 355 +P 07 57 34.2 -2.9
 XAN 20.9 332 P 07 58 33.5 1.0
 TIY 22.8 343 +P 07 58 50.9 -1.4
 BJI 24.3 352 eP 07 59 06.5 0.1
 LZH 25.0 326 P 07 59 13.0 -0.3
 SNY 25.9 5 +P 07 59 19.4 -2.3
 CN2 28.1 7 eP 07 59 41.0 -0.4
 MDJ 29.6 13 +P 07 59 54.2 -0.6
 WMQ 39.4 322 eP 08 01 21.5 2.7
 PcS 08 07 15.5 1.0

JUL 16d 08h 50m $22.8 \pm 0.04s$, SD1.43 / 149
 16.41 N $\pm 0.75km$, 121.13 E $\pm 0.84km$, h33 $\pm 0.12km$
 Luzon (249)
 $M_s 6.0 / 2$, $m_b 5.2 / 55$,
 QZN 11.1 285 eP 08 53 00.0 -2.1
 LN $M_s=5.9$ 15.0 9.92
 LE 17.5 71.4
 SSE 14.6 0 P 08 53 48.0 -1.3
 WHN 15.4 337 eP 08 53 59.6 0.4
 NJ2 15.7 353 -P 08 54 03.1 -0.4
 GYA 16.8 309 P 08 54 18.2 1.2
 KMI 19.2 300 -P 08 54 51.0 3.4
 XAN 20.7 330 P 08 55 03.4 0.3
 CD2 21.4 315 P 08 55 10.8 0.2
 TIY 22.6 342 eP 08 55 23.8 2.0
 BJI 23.9 351 eP 08 55 36.0 0.9
 LZH 24.9 325 P 08 55 46.0 1.2
 SNY 25.4 4 +P 08 55 48.6 -0.8
 HHC 25.7 343 eP 08 55 54.0 1.6
 BTO 26.0 340 eP 08 55 56.0 1.4
 CN2 27.5 7 eP 08 56 09.0 -0.1
 MDJ 29.0 13 +P 08 56 21.4 -0.8
 WMQ 39.3 321 eP 08 57 52.8 1.7
 KSH 45.5 310 P 08 58 43.5 2.0
 eS 09 05 24.5 3.7

JUL 16d 08h 30m $33.5 \pm 0.05s$, SD1.60 / 39
 16.09 N $\pm 0.90km$, 120.56 E $\pm 0.98km$, h43 $\pm 0.31km$
 Luzon (249)
 $M_s 5.9 / 1$, $m_b 4.9 / 10$,
 QZN 10.6 288 eP 08 33 03.2 -3.2
 LN $M_s=5.9$ 15.0 31.2
 LE 14.0 55.8
 SSE 14.9 2 P 08 34 00.6 -3.2
 WHN 15.5 340 P 08 34 10.5 0.0
 NJ2 16.0 355 eP 08 34 15.5 -1.4
 GYA 16.5 311 P 08 34 27.8 3.4
 TIY 22.7 343 eP 08 35 33.8 0.9
 BJI 24.2 352 eP 08 35 46.0 -1.1
 LZH 24.9 326 eP 08 35 53.3 -0.8
 SNY 25.8 5 +P 08 36 03.1 0.6
 BTO 26.1 342 eP 08 36 07.4 2.0

JUL 16d 08h 35m $32.4 \pm 0.04s$, SD1.60 / 144
 16.20 N $\pm 0.76km$, 120.94 E $\pm 0.91km$, h33 $\pm 0.12km$
 Luzon (249)
 $M_s 5.9 / 2$, $m_b 5.2 / 35$,
 QZH 9.0 346 eP 08 37 43.0 0.3

JUL 16d 09h 16m $06.1 \pm 0.05s$, SD1.76 / 120
 16.36 N $\pm 0.81km$, 120.99 E $\pm 0.99km$, h23 $\pm 0.09km$
 Luzon (249)
 $M_s 5.6 / 1$, $M_L 4.5 / 1$, $m_b 5.2 / 43$
 QZH 8.8 346 eP 09 18 15.5 0.0
 QZN 11.0 286 -P 09 18 41.6 -3.2



CD2	31.7	272	eP	10 14 34.6	-0.9		
GTA	32.8	288	eP	10 14 45.8	0.1		
			PMZ			$m_b = 4.5$	0.8 0.0060
WMQ	41.2	298	-P	10 15 57.5	0.9		

JUL 16d 10h 12m 57.1 ± 0.05s, SD1.48 / 143
 9.27 N ± 0.76km, 125.55 E ± 0.93km, h33 ± 0.07km
 Mindanao (259)
 $M_s 5.4 / 2, m_b 5.2 / 38,$

QZH	16.9	338	eP	10 16 53.7	0.4		
GZH	18.0	321	+P	10 17 06.2	-0.9		
QZN	18.0	304	eP	10 17 08.7	1.6		
			eS	10 20 25.0	0.4		
			LE			$M_s = 5.5$	21.5 19.1
SSE	22.1	350	+P	10 17 50.2	-1.1		
			PMZ			$m_b = 4.9$	1.4 0.082
			pP	10 17 55.0	-5.1		
NJ2	23.5	346	+P	10 18 05.5	0.3		
WHN	23.6	335	+P	10 18 07.5	1.4		
GYA	24.7	316	P	10 18 19.8	2.4		
KMI	26.8	309	+P	10 18 38.0	1.0		
			PMZ			$m_b = 5.2$	2.0 0.12
TIA	27.9	345	eP	10 18 44.7	-1.8		
XAN	29.0	331	P	10 18 54.5	-1.9		
CD2	29.6	320	P	10 19 01.0	-0.6		
DL2	29.7	354	P	10 19 01.5	-1.2		
TIY	30.7	339	eP	10 19 11.2	-0.3		
BJI	31.8	346	eP	10 19 19.5	-1.3		
			PMZ			$m_b = 5.2$	1.5 0.066
SNY	32.5	357	-P	10 19 25.4	-1.7		
			PMZ			$m_b = 5.4$	1.2 0.083
LZH	33.2	327	eP	10 19 32.5	-1.1		
			PMZ			$m_b = 4.9$	2.5 0.053
CN2	34.4	360	eP	10 19 43.0	-0.7		
			pP	10 19 52.0	-0.9		
MDJ	35.4	5	eP	10 19 51.7	-0.5		
GTA	37.8	327	eP	10 20 13.4	0.7		
			PMZ			$m_b = 4.6$	0.8 0.0090
WMQ	47.6	323	P	10 21 32.5	0.4		

JUL 16d 10h 24m 24.0 ± 0.04s, SD1.40 / 128
 16.47 N ± 0.61km, 121.02 E ± 0.77km, h33 ± 0.07km
 Luzon (249)
 $M_s 5.2 / 6, m_b 5.6 / 3, m_b 5.2 / 33$

GZH	9.8	314	eP	10 26 44.0	-1.4		
QZN	10.9	285	eP	10 27 00.4	-1.1		
			LE			$M_s = 5.3$	22.0 26.3
WHN	15.3	338	eP	10 28 00.0	0.9		
			sP	10 28 11.5	0.4		
NJ2	15.6	353	eP	10 28 03.0	-0.7		
GYA	16.6	309	P	10 28 17.8	1.2		
			LN			$M_s = 5.3$	16.0 7.20
			LE				16.0 5.70
KMI	19.1	300	-P	10 28 50.5	3.1		
			PMZ				3.0 0.65
			PMZ			$m_b = 5.4$	12.0 2.13
			S	10 32 16.5	1.4		
			LN			$M_s = 4.9$	12.0 2.60
TIA	20.0	351	eP	10 28 55.7	-0.8		
XAN	20.6	330	P	10 29 02.6	-0.6		
CD2	21.3	315	P	10 29 10.6	0.1		
DL2	22.4	1	P	10 29 22.0	1.2		
			PMZ			$m_b = 5.9$	1.0 0.50
TIY	22.5	342	+P	10 29 23.4	1.3		
			LZ			$M_s = 4.9$	19.0 3.70
BJI	23.9	351	eP	10 29 36.0	0.5		
			PMZ			$m_b = 5.5$	2.0 0.43
			eS	10 33 48.5	2.0		

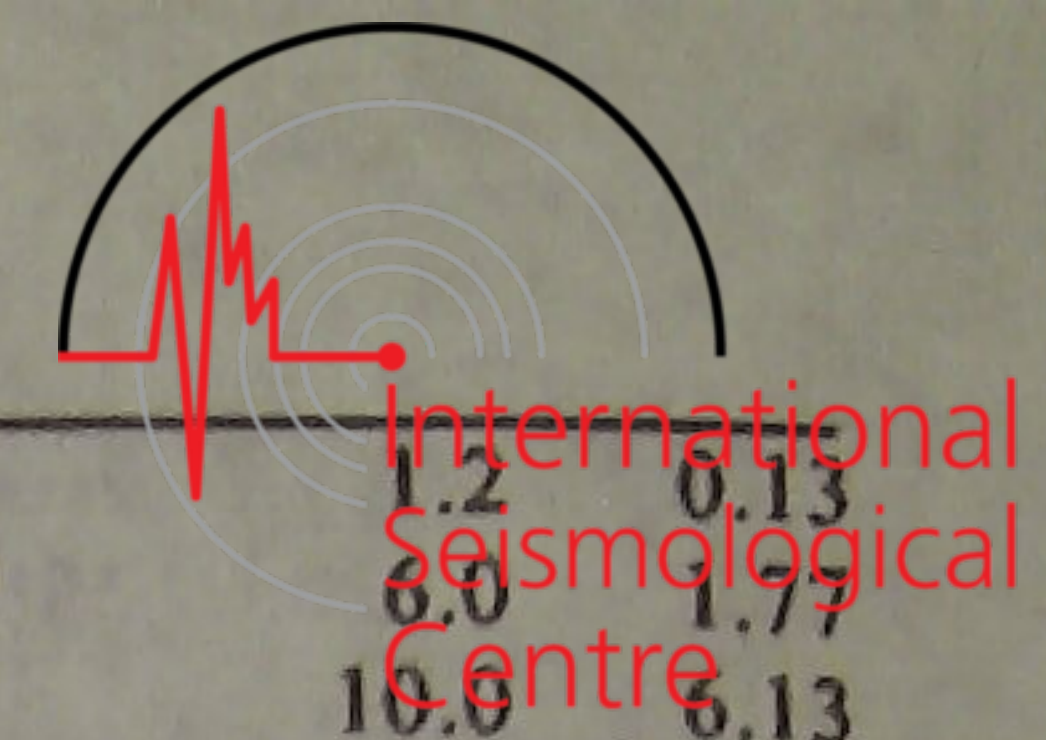
LZH	24.8	325	+P	10 29 46.0	1.1		
			PMZ			$m_b = 5.3$	16.0 5.82
			PMZ			$m_b = 5.6$	2.5 0.26
			pP	10 29 54.5	0.9		4.0 0.90
SNY	25.4	4	+P	10 29 49.0	-1.1		
			PMZ			$m_b = 5.2$	1.4 0.092
HHC	25.6	343	P	10 29 53.0	0.3		
BTO	25.9	341	eP	10 29 55.2	0.3		
CN2	27.5	7	eP	10 30 09.5	-0.3		
MDJ	29.0	13	eP	10 30 22.4	-0.7		
GTA	29.4	325	eP	10 30 25.6	-1.4		
			PMZ			$m_b = 4.7$	1.5 0.023
WMQ	39.2	321	P	10 31 52.5	1.3		

JUL 16d 12h 32m 05.8 ± 0.05s, SD1.63 / 84
 16.20 N ± 0.71km, 120.91 E ± 0.97km, h33 ± 0.08km
 Luzon (249)
 $M_s 4.5 / 6, m_b 4.9 / 22,$

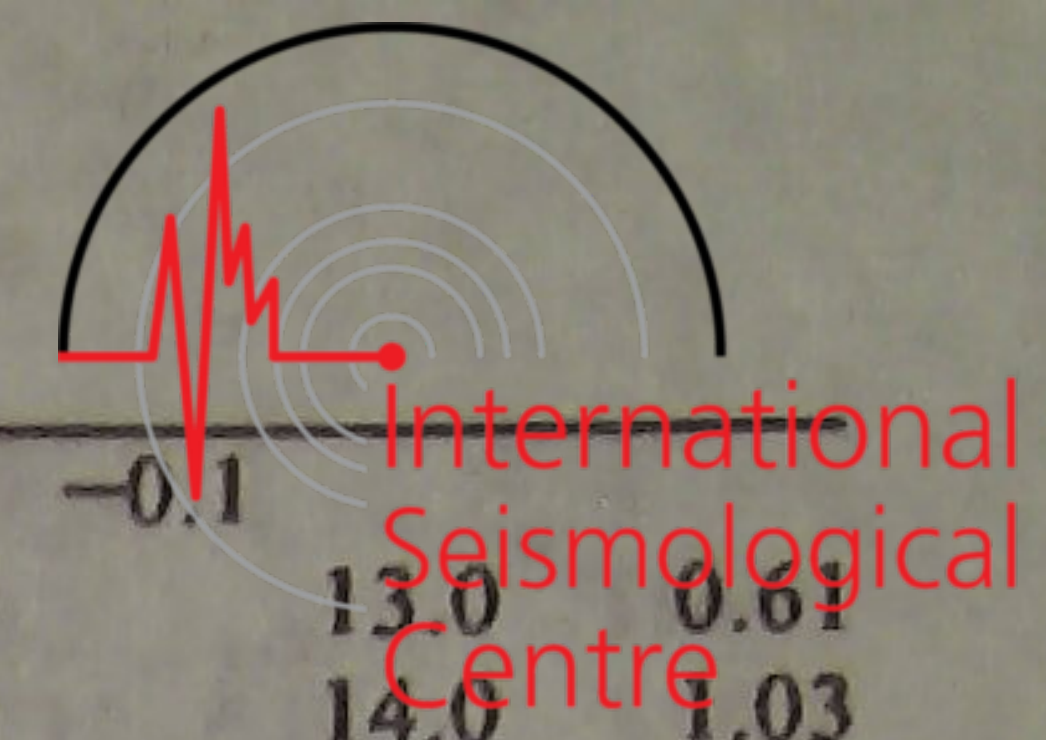
QZH	9.0	346	eP	12 34 16.0	0.0		
GZH	9.9	315	P	12 34 25.5	-3.1		
QZN	10.9	287	eP	12 34 40.4	-2.5		
			eS	12 36 40.8	-4.1		
			LE			$M_s = 4.2$	15.0 1.30
SSE	14.8	1	+P	12 35 33.2	-1.8		
			PMZ			$m_b = 4.8$	1.3 0.023
NJ2	15.9	354	eP	12 35 49.0	0.3		
GYA	16.7	310	P	12 36 01.2	1.8		
KMI	19.2	301	+P	12 36 32.5	2.9		
TIA	20.2	351	eP	12 36 40.3	-0.5		
XAN	20.8	331	P	12 36 46.0	-0.8		
CD2	21.4	316	P	12 36 53.6	0.1		
DL2	22.6	1	eP	12 37 05.4	0.2		
TIY	22.7	342	eP	12 37 04.2	-1.8		
			pP	12 37 11.5	-3.3		
			S	12 41 09.0	2.1		
			LE			$M_s = 4.5$	15.0 0.98
BJI	24.1	351	eP	12 37 20.0	0.4		
			PMZ			$m_b = 4.9$	1.4 0.066
			esS	12 41 44.0	-3.2		
LZH	25.0	326	P	12 37 29.0	0.9		
			PMZ			$m_b = 4.9$	1.1 0.051
			sP	12 37 42.0	1.0		
			esS	12 42 00.0	-1.8		
			LN			$M_s = 4.8$	12.0 0.66
			LE				13.0 1.10
SNY	25.6	5	-P	12 37 33.2	-1.1		
			PMZ			$m_b = 4.7$	1.0 0.019
HHC	25.9	344	eP	12 37 39.0	2.4		
CN2	27.8	7	eP	12 37 57.0	2.9		
GTA	29.6	326	eP	12 38 09.0	-1.2		
WMQ	39.3	321	eP	12 39 37.0	2.9		

JUL 16d 12h 35m 10.1 ± 0.03s, SD1.25 / 144
 39.35 N ± 0.88km, 141.87 E ± 0.55km, h67 ± 0.39km
 Near east coast of Honshu (228)
 $M_s 4.4 / 2, m_b 4.9 / 57,$

MDJ	10.5	304	eP	12 37 43.0	2.1		
SNY	14.1	286	-P	12 38 33.2	4.8		
			PMZ			$m_b = 4.9$	1.0 0.019
DL2	15.7	275	P	12 38 51.4	2.4		
			PMZ			$m_b = 5.1$	1.0 0.080
SSE	18.8	250	-P	12 39 27.0	0.4		
			PMZ			$m_b = 4.6$	0.8 0.024
			sP	12 39 44.5	-3.7		
			LE			$M_s = 4.6$	12.0 1.20
BJI	19.8	280	eP	12 39 35.5	-2.1		
			PMZ			$m_b = 4.7$	1.0 0.039



WHN	15.3	339	LZ	$M_S = 5.4$	20.0	21.2	PMZ	$m_b = 5.5$	1.2	0.13			
			P	13 34 49.5	-0.5		PMZ	$m_B = 5.9$	6.0	1.77			
			PMZ			6.0	1.52	SMN		10.0	6.13		
			SS	13 37 59.0	1.9			SME		7.0	2.51		
			LN			$M_S = 5.7$	14.0	22.4	sS	13 41 15.0	-3.6		
NJ2	15.8	355	LE				LN	$M_S = 5.8$	16.0	6.14			
			LZ				LE		14.0	12.6			
			-P	13 34 57.5	1.1		LZ	$M_S = 5.4$	24.0	12.5			
			S	13 37 53.0	1.8		HHC	25.7 344	-P	13 36 45.0	0.5		
			sS	13 37 59.0	-0.7		PPMZ			7.0	1.36		
GYA	16.4	311	LN	$M_S = 5.8$	17.0	28.4	S	13 41 13.0	3.3				
			LE			15.5	21.3	LN	$M_S = 5.8$	15.0	16.4		
			+iP	13 35 05.0	0.7		LE		16.0	5.29			
			PMZ			$m_B = 5.8$	4.0	1.90	LZ	$M_S = 6.2$	18.0	62.3	
			PP	13 35 17.0	-0.1		BTO	25.9 341	P	13 36 47.0	0.6		
KMI	18.8	301	S	13 38 07.0	1.8		sP	13 36 54.0	-1.1				
			sS	13 38 13.0	-0.8		S	13 41 14.0	0.9				
			LN	$M_S = 5.7$	13.0	20.7	SS	13 42 19.5	1.2				
			LE			13.0	9.60	LN	$M_S = 5.8$	13.0	7.40		
			LZ	$M_S = 5.4$	15.0	16.8	LE		13.0	10.7			
TIA	20.1	352	-P	13 35 35.0	0.5		CN2	27.8 8	eP	13 37 03.0	-0.4		
			PMZ			$m_B = 5.7$	7.0	2.70	PMZ	$m_b = 4.8$	1.0	0.020	
			LN	$M_S = 5.6$	12.0	13.1	PMZ	$m_B = 5.6$	5.0	0.70			
			+P	13 35 49.3	0.3		pP	13 37 10.0	0.8				
			PMZ			$m_b = 5.1$	1.1	0.096	S	13 41 43.0	-0.5		
XAN	20.5	332	PMZ	$m_B = 5.6$	8.0	2.47	LN	$M_S = 5.6$	15.0	8.00			
			LN	$M_S = 5.6$	15.0	11.3	LE		15.0	6.00			
			LE			15.0	6.93	LZ	$M_S = 5.5$	23.0	13.3		
			P	13 35 53.0	-0.7		MDJ	29.3 13	eP	13 37 16.5	-0.6		
			S	13 39 41.0	3.3		PMZ		$m_b = 5.8$	1.2	0.20		
CD2	21.1	317	LN	$M_S = 5.9$	14.0	18.5	LE	$M_S = 5.5$	16.0	7.33			
			LE			14.0	19.8	LZ	$M_S = 5.2$	40.0	11.2		
			eP	13 35 58.8	-1.0		GTA	29.3 326	iP	13 37 17.2	-0.2		
			PMZ			$m_b = 5.7$	1.3	0.40	PMZ	$m_b = 5.2$	1.2	0.050	
			S	13 39 47.0	-2.2		PMZ	$m_B = 5.8$	5.0	0.92			
TIY	22.5	343	LZ	$M_S = 5.4$	14.0	10.8	S	13 42 10.0	1.9				
			+P	13 36 14.8	1.0		LE	$M_S = 5.8$	15.0	12.9			
			PMZ			$m_b = 5.1$	1.3	0.11	LZ	$M_S = 5.8$	16.0	18.9	
			PMZ			$m_B = 5.7$	12.0	4.10	LSA	30.1 302	P	13 37 25.0	0.6
			sS	13 40 29.0	4.0		eS	13 42 23.0	1.2				
DL2	22.6	2	LE	$M_S = 5.5$	14.0	9.27	sS	13 42 31.0	0.3				
			LZ	$M_S = 5.8$	17.0	26.9	LE	$M_S = 4.8$	12.0	1.06			
			-P	13 36 15.0	0.8		WMQ	39.1 322	-iP	13 38 41.5	0.1		
			PMZ			$m_b = 5.4$	1.2	0.21	PMZ	$m_B = 6.0$	7.0	1.92	
			PMZ			$m_B = 5.7$	6.0	1.71	sP	13 38 49.0	-1.2		
BJI	24.0	352	S	13 40 21.0	5.0		PP	13 40 13.0	-1.5				
			LN	$M_S = 5.7$	14.0	9.11	eS	13 44 39.0	-1.6				
			LE			13.0	8.84	LN	$M_S = 6.1$	13.0	9.39		
			LZ	$M_S = 5.2$	24.0	9.90	LE		14.0	9.81			
			eP	13 36 29.0	1.0		LZ	$M_S = 5.9$	18.0	15.5			
LZH	24.7	326	PMZ	$m_b = 5.8$	1.5	0.55	KSH	45.1 310	eP	13 39 32.5	1.4		
			PMZ	$m_B = 6.1$	6.0	4.15	pP	13 39 36.5	-0.4				
			eS	13 40 41.5	-0.1		PP	13 41 13.0	-3.7				
			esS	13 40 50.0	-1.1		S	13 46 11.5	2.8				
			LN	$M_S = 5.6$	16.0	10.1	LN	$M_S = 6.0$	14.0	9.10			
SNY	25.6	5	LE			15.0	6.75	JUL 16d 13h 52m $25.1 \pm 0.10s$, SD4.26 / 6 23.87 N $\pm 0.60km$, 100.44 E $\pm 0.56km$, h21 $\pm 0.85km$ Burma-China border region (297) $M_L 3.3 / 4$,					
			LZ	$M_S = 5.4$	31.0	18.6	KMI 2.5 58 ePg 13 53 13.5 4.5 Sg 13 53 41.0 -1.4 SMN $M_L = 3.2$ 1.0 0.16 SME 1.0 0.13						
			-iP	13 36 36.2	1.1		JUL 16d 14h 51m $35.3 \pm 0.07s$, SD1.21 / 254 32.44 S $\pm 0.61km$, 69.95 W $\pm 0.41km$, h103 $\pm 0.61km$ Chile-Argentina border region (127)						
			PMZ			$m_b = 5.8$	2.5	0.90					
			PMZ			$m_B = 6.1$	6.0	3.78					



		LN	$M_S=4.2$	14.0	1.63	GTA	29.2 326	eP	16 25 34.6	-0.1		
		LZ	$M_S=4.3$	16.0	2.85			LE	$M_S=4.5$	13.0	0.61	
GZH	9.5 316	eP	16 21 50.0	-0.8				LZ	$M_S=4.6$	14.0	1.03	
SSE	14.7 2	-P	16 23 01.0	-0.1		MDJ	29.2 13	eP	16 25 34.2	-0.5		
		PMZ	$m_b=5.2$	1.5	0.074	WMQ	39.0 321	eP	16 27 00.5	1.8		
		pP	16 23 08.0	-0.3				PP	16 28 30.0	-2.1		
		eS	16 25 50.0	6.1				eS	16 32 56.0	0.5		
		LN	$M_S=4.3$	14.0	0.67			LN	$M_S=4.8$	12.0	0.59	
		LE		14.0	0.71	KSH	45.0 310	eP	16 27 50.0	1.5		
		LZ	$M_S=4.0$	20.0	1.00			S	16 34 29.0	5.4		
WHN	15.2 340	eP	16 23 07.0	-0.6		JUL 16d 19h 14m 50.9±0.03s, SD1.30 / 346 24.26 N±0.77km, 121.83 E±0.70km, h18±0.18km Taiwan (M_S 6.1 / 52, M_L 5.9 / 1, m_b 5.9 / 25, (244))						
		SS	16 26 18.0	5.1		QZH	3.0 284	Pn	19 15 39.5	1.0		
		LN	$M_S=4.5$	12.0	1.27			Sn	19 16 16.0	-0.1		
		LZ	$M_S=4.2$	16.0	1.19			LN	$M_S=5.8$	12.0	229	
NJ2	15.7 355	-P	16 23 14.5	0.4		SSE	6.8 355	-iP	19 16 32.0	-1.0		
		S	16 26 13.5	6.6				PMZ	$m_b=5.5$	1.0	0.36	
		LN	$M_S=4.6$	16.0	1.43			PMZ	$m_B=5.3$	7.0	1.61	
		LE		16.0	1.36			S	19 17 56.0	5.1		
		LZ	$M_S=4.3$	20.0	1.53			LN	$M_S=6.0$	12.0	151	
GYA	16.3 310	P	16 23 22.0	0.1		GZH	7.9 263	-P	19 16 46.4	-1.1		
		pP	16 23 29.0	-0.1				S	19 18 14.6	-2.2		
		S	16 26 18.0	-2.7				LN	$M_S=6.1$	7.0	62.4	
		LN	$M_S=4.9$	12.0	2.40			LE		7.0	57.5	
		LE		12.0	1.60			LZ	$M_S=5.3$	20.0	36.0	
		LZ	$M_S=4.5$	16.0	2.00	NJ2	8.2 342	-P	19 16 49.6	-2.4		
KMI	18.7 301	-P	16 23 53.0	0.9				PMZ	$m_b=5.4$	0.8	0.15	
		PMZ	$m_b=4.8$	1.5	0.070			pP	19 16 56.5	-1.2		
		PMZ	$m_B=5.3$	5.0	0.73			S	19 18 22.5	-2.3		
		LN	$M_S=4.6$	12.0	1.40			LE	$M_S=6.3$	5.0	82.4	
TIA	20.0 352	-P	16 24 06.4	-0.1		WHN	9.1 315	+P	19 17 03.0	-2.0		
		PMZ	$m_b=4.8$	1.0	0.045			PMZ	$m_b=5.1$	1.2	0.090	
CD2	21.0 317	eP	16 24 14.8	-2.4				PMZ	$m_B=5.5$	10.0	1.61	
		eS	16 28 04.0	-1.0				sP	19 17 19.0	5.0		
		LE	$M_S=4.7$	11.0	1.20			S	19 18 47.5	-0.6		
		LZ	$M_S=4.3$	14.0	0.90			LZ	$M_S=6.0$	10.0	73.4	
TIY	22.4 343	+P	16 24 32.4	1.2		QZN	12.3 247	eP	19 17 50.0	1.5		
		S	16 28 33.5	3.4				S	19 20 03.0	-2.8		
		sS	16 28 48.0	2.9				LN	$M_S=6.0$	17.0	81.6	
		LE	$M_S=4.4$	11.0	0.56			LE	$M_S=6.0$	13.0	65.8	
		LZ	$M_S=4.7$	14.0	1.90			LE	$M_S=6.0$	13.0	65.8	
DL2	22.5 2	P	16 24 33.0	1.3		GZA	13.9 282	+iP	19 18 09.4	-0.3		
		PMZ	$m_b=5.2$	1.2	0.14			sP	19 18 20.0	1.2		
		LE	$M_S=4.4$	12.0	0.67			S	19 20 43.6	-0.3		
		LZ	$M_S=4.2$	16.0	0.60			SMN		1.6	3.10	
BJI	23.9 352	eP	16 24 45.5	0.1				SME		1.6	3.20	
		PMZ	$m_b=5.6$	1.9	0.48			LN	$M_S=6.2$	10.0	31.4	
		PMZ	$m_B=5.7$	4.0	1.23			LE		10.0	54.8	
		LZ	$M_S=4.3$	20.0	0.90			LZ	$M_S=5.7$	12.0	30.2	
LZH	24.6 326	-iP	16 24 53.0	0.6		XAN	14.9 314	P	19 18 22.0	-0.8		
		PMZ	$m_b=5.4$	2.0	0.27			S	19 21 04.0	-3.6		
		PMZ	$m_B=5.3$	4.0	0.48			LN	$M_S=6.1$	9.0	29.5	
		sP	16 25 04.0	-1.2				LE		9.0	36.5	
		eS	16 29 10.0	0.9				LZ	$M_S=5.9$	14.0	51.7	
		sS	16 29 22.0	-1.3				LZ	$M_S=5.9$	14.0	51.7	
		LN	$M_S=4.7$	15.0	1.00			eP	19 18 45.0	2.4		
		LE		15.0	0.90			PMZ	$m_b=5.5$	1.5	0.35	
		LZ	$M_S=4.1$	23.0	0.60			PMZ	$m_B=5.9$	9.0	5.30	
SNY	25.5 5	+P	16 25 01.5	0.3		TIY	15.6 331	-P	19 18 33.3	0.9		
		PMZ	$m_b=5.4$	1.4	0.13			sS	19 21 39.0	4.6		
HHC	25.6 344	-P	16 25 03.0	1.1				LN	$M_S=6.1$	11.0	35.6	
		SMN		15.0	0.94			LE		11.0	31.1	
		SME		15.0	0.95			LZ	$M_S=5.9$	14.0	51.7	
		LZ	$M_S=4.7$	16.0	1.78			eP	19 18 45.0	2.4		
BTO	25.8 342	P	16 25 04.0	0.2		BJI	16.4 344	eP	19 18 45.0	2.4		
		eS	16 29 30.0	0.9				PMZ	$m_b=5.5$	1.5	0.35	
		LN	$M_S=4.8$	14.0	1.00			PMZ	$m_B=5.9$	9.0	5.30	
		LE		14.0	0.90			eS	19 21 46.0	1.7		
CN2	27.7 8	eP	16 25 20.0	-1.1				esS	19 21 55.0	1.7		
								LN	$M_S=5.8$	12.0	22.6	

CD2	17.3	296	LZ	$M_s = 5.9$	12.0	35.0	PP	19 22 54.0	4.2			
			P	19 18 54.4	0.5		S	19 27 03.2	3.9			
			PMZ	$m_b = 5.6$	1.2	0.32	SMN					
			S	19 22 04.5	0.3		LN	$M_s = 6.3$	11.0	9.47		
KMI	17.4	277	sS	19 22 16.5	2.7		LE			11.0	22.5	
			LZ	$M_s = 6.0$	10.0	35.8	LZ	$M_s = 6.0$	12.0	16.3		
			-P	19 18 53.5	-1.1		KSH	41.4 303	+P	19 22 40.0	1.5	
			PMZ	$m_b = 5.6$	2.2	0.60	sP	19 22 50.0	1.8			
			PMZ		3.0	0.63	S	19 28 54.0	2.5			
SNY	17.6	4	sP	19 19 05.5	1.8		LE	$M_s = 6.4$	12.0	22.3		
			LZ	$M_s = 5.7$	16.0	29.6	-----					
			+iP	19 19 00.0	3.0		JUL 16d 19h 29m $49.6 \pm 0.05s$, SD2.01 / 28					
			PMZ	$m_b = 5.5$	1.6	0.35	24.19 N $\pm 0.70km$, 121.85 E $\pm 0.77km$, $h_6 \pm 0.35km$					
			PMZ	$m_B = 6.5$	7.0	14.9	Taiwan (244)					
HHC	18.6	335	sS	19 22 21.0	1.4		QZH	3.1 285	-Pn	19 30 40.0	1.2	
			SME		11.0	5.83	Sn	19 31 16.0	-1.7			
			LN	$M_s = 6.2$	12.0	49.5	SMN	$M_L = 4.0$	0.8	0.72		
			LE		9.0	12.1	SME		0.9	0.38		
			LZ	$M_s = 6.0$	14.0	47.1	SSE	6.9 355	-P	19 31 33.5	-0.5	
			P	19 19 12.8	2.5		PMZ	$m_b = 4.9$	0.6	0.063		
			PMZ	$m_b = 5.1$	1.2	0.10	esP	19 31 39.5	-1.5			
			SMN		10.0	2.84	SMN	$M_L = 4.2$	1.0	0.086		
			SME		9.0	5.49	SME		1.0	0.11		
			LN	$M_s = 5.8$	9.0	13.5	NJ2	8.3 342	-P	19 31 49.2	-3.9	
BTO	19.1	331	LE		10.0	11.4	WHN	9.2 315	eP	19 32 04.5	-1.4	
			LZ	$M_s = 5.8$	14.0	31.3	LZ	$M_s = 4.9$	10.0	6.33		
			+iP	19 19 17.0	1.5		GYA	13.9 283	P	19 33 10.8	0.6	
			PMZ	$m_B = 6.1$	8.0	7.60	SNY	17.6 4	eP	19 34 01.3	3.3	
			ePP	19 19 33.0	1.6		CN2	19.8 8	P	19 34 24.6	0.9	
LZH	19.5	311	S	19 22 44.6	1.1		GTA	24.0 314	eP	19 35 07.5	0.9	
			LN	$M_s = 6.3$	10.0	48.1	-----					
			LE		10.0	33.1	JUL 16d 19h 45m $24.5 \pm 0.03s$, SD1.07 / 249					
			+iP	19 19 21.8	1.7		16.35 N $\pm 0.65km$, 120.59 E $\pm 0.78km$, $h_{33} \pm 0.13km$					
			PMZ	$m_b = 5.8$	2.0	0.86	Luzon (249)					
			PMZ	$m_B = 6.0$	7.0	5.58	$M_s 5.4 / 23, m_b 5.7 / 3, m_b 5.3 / 78$					
			sP	19 19 33.0	3.6		QZH	8.8 348	eP	19 47 30.6	-1.3	
			PP	19 19 40.0	2.9		GZH	9.6 316	eP	19 47 43.0	-0.1	
			eS	19 22 53.0	-0.7		QZN	10.6 286	eP	19 47 57.4	0.3	
			SMN		16.0	3.30	eS	19 49 56.5	0.8			
CN2	19.7	8	LN	$M_s = 6.1$	9.0	27.2	LN	$M_s = 5.1$	11.5	6.50		
			LZ	$M_s = 6.2$	10.0	50.8	LE		13.0	5.70		
			+iP	19 19 22.8	0.2		SSE	14.7 2	-P	19 48 52.2	0.2	
			PMZ	$m_b = 5.4$	1.0	0.20	PMZ	$m_b = 4.7$	1.2	0.017		
			PMZ	$m_B = 6.0$	6.0	4.00	pP	19 48 58.8	-0.4			
			pP	19 19 30.5	1.9		LN	$M_s = 5.2$	16.0	4.16		
			S	19 22 58.0	-0.2		LE		15.0	7.64		
			SMN		8.0	5.20	LZ	$M_s = 4.9$	20.0	7.08		
			SME		8.0	4.10	WHN	15.2 339	P	19 48 59.0	-0.1	
			LN	$M_s = 6.1$	11.0	35.0	SS	19 52 08.0	3.2			
MDJ	21.3	15	LE		11.0	10.8	LZ	$M_s = 5.1$	16.0	8.91		
			+P	19 19 39.3	0.3		NJ2	15.7 355	eP	19 49 05.0	-0.2	
			PMZ	$m_b = 5.5$	1.4	0.33	sP	19 49 17.0	-0.3			
			sS	19 23 40.0	-0.1		S	19 51 58.0	0.0			
			LE		1.0	64.6	LN	$M_s = 5.3$	12.0	7.44		
GTA	24.0	314	+iP	19 20 07.1	1.5		LE		12.0	3.14		
			PMZ	$m_b = 5.6$	1.6	0.38	LZ	$M_s = 5.0$	20.0	8.24		
			PMZ	$m_B = 5.9$	7.0	2.99	GYA	16.4 310	P	19 49 14.2	0.1	
			sS	19 24 24.0	-5.0		S	19 52 13.2	-0.7			
			LE	$M_s = 6.0$	10.0	18.6	KMI	18.8 301	-P	19 49 45.0	0.5	
LSA	27.8	288	LZ	$M_s = 6.2$	10.0	39.6	PMZ	$m_b = 5.1$	1.6	0.15		
			P	19 20 44.0	1.7		sP	19 49 57.5	1.0			
			pP	19 20 50.0	1.7		S	19 53 12.5	3.4			
			S	19 25 25.0	3.2		LN	$M_s = 5.4$	12.0	7.00		
			LN	$M_s = 5.8$	13.0	12.4	LE		12.0	3.80		
WMQ	34.0	313	+iP	19 21 38.0	1.4		LZ	$M_s = 5.3$	12.0	7.80		
			PMZ	$m_B = 5.8$	8.0	1.25	TIA	20.0 352	-P	19 49 57.8	0.2	
			sP	19 21 50.6	4.4		PMZ	$m_b = 5.0$	1.4	0.11		



XAN	20.5	331	P	19 50 02.5	-0.2			WHN	15.2	339	eP	20 19 39.0	0.2			
			S	19 53 43.0	-2.0						sP	20 19 46.0	-1.3			
			LN			$M_s = 5.6$	14.0	9.60			S	20 22 28.0	0.5			
			LE				14.0	9.40			sS	20 22 39.0	3.1			
CD2	21.1	316	P	19 50 08.8	-0.3						LN		$M_s = 4.9$	12.0	3.35	
			PMZ			$m_b = 5.4$	1.4	0.25			LZ		$M_s = 4.3$	16.0	1.43	
TIY	22.5	343	-P	19 50 23.0	0.5				NJ2	15.7	355	eP	20 19 46.2	1.2		
			PMZ			$m_b = 5.0$	1.1	0.070			sP	20 19 50.0	-3.5			
			S	19 54 27.0	5.4						S	20 22 43.0	4.3			
			LE			$M_s = 5.2$	13.0	3.94			LN		$M_s = 5.0$	12.0	1.08	
			LZ			$M_s = 5.4$	16.0	11.2			LE			11.0	3.38	
BJI	23.9	352	eP	19 50 38.0	1.4						LZ		$M_s = 4.2$	16.0	1.18	
			PMZ			$m_b = 5.6$	1.6	0.38	GYA	16.4	310	P	20 19 54.6	0.8		
			eS	19 54 49.0	1.0				KMI	18.8	301	-P	20 20 26.0	1.7		
			esS	19 55 02.0	-0.7						PMZ			3.0	0.40	
			LN			$M_s = 5.2$	15.0	3.50			PMZ		$m_b = 5.9$	6.0	3.70	
			LE				16.0	2.20			sP	20 20 32.5	0.0			
			LZ			$M_s = 5.2$	20.0	7.19			S	20 23 54.0	4.2			
LZH	24.7	326	-iP	19 50 45.0	0.9						LN		$M_s = 5.3$	12.0	6.00	
			PMZ			$m_b = 5.6$	2.5	0.52			LE			12.0	2.60	
			PMZ			$m_b = 5.7$	5.0	1.46			LZ		$M_s = 5.1$	12.0	5.30	
			pP	19 50 56.0	3.1				TIA	20.0	352	eP	20 20 37.7	-0.1		
			eS	19 55 01.0	-0.3				XAN	20.5	331	P	20 20 42.0	-0.9		
			esS	19 55 14.0	-1.6						S	20 24 30.0	3.6			
			LN			$M_s = 5.8$	13.0	9.50			LN		$M_s = 5.1$	12.0	2.10	
			LE				14.0	10.5			LE			11.0	3.00	
SNY	25.5	5	+P	19 50 52.0	0.0				CD2	21.1	316	P	20 20 48.8	-0.4		
			PMZ			$m_b = 5.1$	1.0	0.055			PMZ		$m_b = 5.1$	1.0	0.080	
			sS	19 55 27.0	-3.0				TIY	22.4	343	eP	20 21 03.7	0.9		
			SMN				14.0	4.33			sS	20 25 14.0	0.7			
			SME				9.0	1.57			LN		$M_s = 4.9$	11.0	1.90	
			LN			$M_s = 5.3$	14.0	2.27			LZ		$M_s = 4.8$	16.0	2.62	
			LE				14.0	4.78	DL2	22.5	2	eP	20 21 05.0	2.0		
			LZ			$M_s = 5.0$	24.0	5.17	BJI	23.9	352	eP	20 21 17.0	0.1		
HHC	25.6	344	+iP	19 50 54.6	1.3						PMZ		$m_b = 5.4$	1.8	0.29	
			PMZ			$m_b = 5.5$	1.0	0.13			PMZ		$m_b = 5.6$	5.0	1.23	
			LN			$M_s = 5.5$	16.0	8.31			eS	20 25 30.0	0.2			
			LZ			$M_s = 5.6$	16.0	12.8			LE		$M_s = 4.7$	12.0	1.17	
BTO	25.8	341	P	19 50 56.0	0.8						LZ		$M_s = 4.7$	12.0	1.57	
			eS	19 55 21.0	0.3				LZH	24.6	326	-iP	20 21 25.0	0.7		
			LN			$M_s = 5.6$	15.0	5.60			PMZ		$m_b = 5.4$	2.0	0.27	
			LE				12.0	6.50			PMZ		$m_b = 5.6$	7.0	1.47	
CN2	27.7	8	eP	19 51 12.0	0.1						pP	20 21 34.0	4.2			
MDJ	29.2	13	eP	19 51 23.2	-2.2						eS	20 25 42.0	-1.0			
GTA	29.3	326	-iP	19 51 26.5	0.1						SMN			10.0	2.60	
			PMZ			$m_b = 5.3$	1.5	0.090			sS	20 25 49.0	-3.0			
			S	19 56 14.0	-1.1						LN		$M_s = 5.3$	13.0	4.10	
			LE			$M_s = 5.5$	14.0	6.37			LE			12.0	2.70	
			LZ			$M_s = 5.5$	16.0	8.74			LZ		$M_s = 5.1$	14.0	4.30	
WMQ	39.0	321	-P	19 52 51.0	0.6				SNY	25.5	5	eP	20 21 31.2	-1.2		
			eS	19 58 48.6	1.0						PMZ		$m_b = 5.1$	1.0	0.048	
			LN			$M_s = 5.7$	13.5	6.04			eS	20 25 57.0	-0.1			
			LZ			$M_s = 5.5$	20.0	7.57			LE		$M_s = 5.1$	14.0	2.75	
KSH	45.1	310	P	19 53 41.6	1.3				HHC	25.6	344	eP	20 21 35.8	2.3		
			eS	20 00 19.0	1.7						PMZ		$m_b = 5.4$	1.1	0.10	
											sS	20 26 08.0	-0.4			
											LN		$M_s = 4.9$	13.0	1.45	
											LE			13.0	1.15	
											LZ		$M_s = 4.9$	16.0	2.97	
									BTO	25.8	341	eP	20 21 36.5	1.0		
									CN2	27.7	8	eP	20 21 52.6	0.3		
									MDJ	29.2	13	eP	20 22 04.5	-1.4		
									GTA	29.2	326	-P	20 22 06.3	-0.4		
											PMZ		$m_b = 5.1$	1.6	0.064	
											LE		$M_s = 5.0$	12.0	1.86	
											LZ		$M_s = 5.1$	14.0	3.22	
									WMQ	39.0	321	eP	20 23 32.0	1.1		
									KSH	45.1	310	eP	20 24 21.0	0.3		

JUL 16d 20h 16m 02.2 ± 0.05s, SD1.53 / 140
 16.37 N ± 0.80km, 120.56 E ± 0.92km, h13 ± 0.14km
 Luzon (249)
 $M_s 4.9 / 17, m_b 5.6 / 3, m_b 5.1 / 36$

QZH	8.7	348	eP	20 18 09.0	-2.4			
QZN	10.6	286	eP	20 18 32.0	-4.6			
			LN			$M_s = 4.9$	12.0	3.60
			LE				13.0	4.00
SSE	14.7	2	eP	20 19 36.0	4.3			
			LN			$M_s = 4.7$	11.0	1.21
			LE				12.0	1.70
			LZ			$M_s = 4.2$	18.0	1.43

BTO	25.8	341	eP	20 21 36.5	1.0			
CN2	27.7	8	eP	20 21 52.6	0.3			
MDJ	29.2	13	eP	20 22 04.5	-1.4			
GTA	29.2	326	-P	20 22 06.3	-0.4			
			PMZ			$m_b = 5.1$	1.6	0.064
			LE			$M_s = 5.0$	12.0	1.86
			LZ			$M_s = 5.1$	14.0	3.22
WMQ	39.0	321	eP	20 23 32.0	1.1			
KSH	45.1	310	eP	20 24 21.0	0.3			

		eS	20 31 00.0	0.5		
JUL 16d 20h 31m 24.5 ± 0.04s, SD1.44 / 182						
17.55 N ± 0.75km, 121.03 E ± 0.81km, h32 ± 0.11km						
Luzon (249)						
M _S 5.1 / 24, M _L 4.7 / 1, m _b 5.4 / 3,						
QZH	7.7 343	eP	20 33 15.7	-1.5		
GZH	9.1 309	eP	20 33 31.6	-4.7		
		S	20 35 20.0	1.8		
		LN	M _S = 5.0	14.0	8.27	
		LE		13.0	7.22	
		LZ	M _S = 4.8	12.0	6.11	
QZN	10.7 280	eP	20 33 57.2	-1.9		
		eS	20 35 54.4	-4.9		
		LN	M _S = 5.2	12.0	7.50	
		LE		14.0	8.30	
SSE	13.5 1	-P	20 34 35.0	-1.2		
		PMZ	m _b = 5.0	1.0	0.029	
		S	20 37 06.0	0.4		
		sS	20 37 16.0	-1.1		
		LN	M _S = 4.7	14.0	1.64	
		LE		13.0	2.20	
		LZ	M _S = 4.5	20.0	3.50	
WHN	14.3 336	eP	20 34 47.5	0.7		
		pP	20 34 56.5	2.6		
		eS	20 37 25.0	-0.3		
		sS	20 37 37.6	1.2		
		LN	M _S = 4.9	14.0	3.86	
		LE		12.0	1.74	
		LZ	M _S = 4.7	18.0	4.37	
NJ2	14.6 353	-P	20 34 49.8	-0.6		
		pP	20 34 57.0	-0.5		
		sP	20 35 01.2	-1.0		
		LN	M _S = 4.9	13.0	1.75	
		LE		11.0	3.53	
		LZ	M _S = 4.4	18.0	2.27	
GYA	16.0 306	P	20 35 11.0	2.0		
		pP	20 35 16.8	0.8		
		S	20 38 08.0	3.5		
		LN	M _S = 5.2	12.0	6.10	
		LE		12.0	3.40	
		LZ	M _S = 4.8	16.0	4.50	
KMI	18.6 297	-P	20 35 43.0	1.0		
		PMZ	m _b = 4.8	1.5	0.080	
		sS	20 39 20.0	3.0		
		LN	M _S = 5.5	14.0	12.1	
		LE		14.0	4.90	
		LZ	M _S = 5.3	16.0	9.90	
TIA	18.9 350	eP	20 35 46.5	1.2		
		PMZ	m _b = 4.7	1.0	0.034	
XAN	19.7 329	P	20 35 54.0	0.0		
		S	20 39 24.0	-4.4		
		LN	M _S = 5.1	12.0	2.10	
		LE		11.0	3.00	
CD2	20.6 313	P	20 36 03.4	-0.1		
		PMZ	m _b = 5.3	1.0	0.14	
DL2	21.3 1	P	20 36 10.0	-0.7		
		PMZ	m _b = 5.4	1.2	0.20	
		S	20 39 58.0	-1.9		
		LE	M _S = 5.1	14.0	3.87	
		LZ	M _S = 4.7	16.0	2.40	
TIY	21.5 341	eP	20 36 14.0	1.4		
		PMZ	m _b = 4.9	1.3	0.080	
		S	20 40 08.0	4.8		
		LE	M _S = 5.2	15.0	5.11	
		LZ	M _S = 4.9	18.0	4.26	
BJI	22.8 350	eP	20 36 27.0	1.2		
		PMZ	m _b = 5.3	1.1	0.14	

		PMZ	m _b = 5.4	5.0	0.82	
		ePP	20 36 56.0	1.4		
		eS	20 40 30.0	1.5		
		esS	20 40 42.0	-0.7		
		LN	M _S = 4.8	12.0	1.65	
		LZ	M _S = 4.8	18.0	2.64	
LZH	23.9 324	eP	20 36 37.5	0.5		
		PMZ	m _b = 4.9	2.0	0.089	
		PMZ	m _b = 5.6	5.0	1.39	
		pP	20 36 46.5	0.9		
		esS	20 41 04.1	1.3		
		SME		8.5	2.64	
		LN	M _S = 5.3	12.5	3.20	
		LE		12.0	2.70	
		LZ	M _S = 5.1	15.0	4.80	
SNY	24.3 5	+P	20 36 40.0	-0.3		
		sP	20 36 52.2	-0.9		
		S	20 40 57.0	3.1		
		SMN		14.0	1.42	
		SME		14.0	1.52	
		LN	M _S = 5.3	11.0	1.98	
		LE		16.0	5.66	
		LZ	M _S = 4.8	20.0	2.91	
HHC	24.6 343	+iP	20 36 46.3	2.7		
		SMN		9.0	2.48	
		SME		8.0	1.66	
		LN	M _S = 5.1	17.0	2.83	
		LE		15.0	2.23	
		LZ	M _S = 5.0	18.0	3.87	
BTO	24.9 340	P	20 36 48.0	2.0		
		S	20 41 06.0	2.5		
		LN	M _S = 5.4	15.0	3.50	
		LE		15.0	5.60	
CN2	26.4 7	P	20 36 59.5	-1.1		
MDJ	27.9 13	-P	20 37 13.5	-0.8		
GTA	28.5 324	eP	20 37 20.4	0.5		
		PMZ	m _b = 4.9	1.2	0.030	
		LE	M _S = 5.1	13.0	2.13	
		LZ	M _S = 5.0	16.0	2.62	
WMQ	38.4 320	P	20 38 47.5	2.5		
KSH	44.7 309	eP	20 39 37.0	0.1		
		eS	20 46 11.5	0.2		

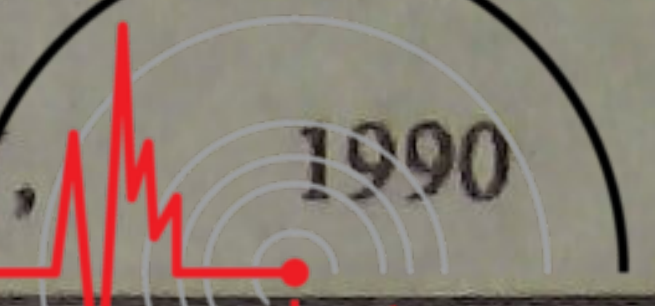
JUL 16d 20h 44m 18.0 ± 0.04s, SD1.40 / 94						
15.46 N ± 0.61km, 121.35 E ± 0.95km, h33 ± 0.04km						
Luzon (249)						
m _b 4.9 / 26,						
WHN	16.3 338	eP	20 48 10.0	3.4		
NJ2	16.7 353	+P	20 48 11.8	0.8		
GYA	17.5 311	P	20 48 25.0	3.1		
XAN	21.6 331	P	20 49 07.5	-0.3		
CD2	22.3 317	P	20 49 14.6	0.5		
TIY	23.5 342	eP	20 49 26.8	0.3		
BJI	24.9 351	eP	20 49 38.5	-1.2		
		PMZ	m _b = 4.5	1.0	0.019	
LZH	25.8 326	eP	20 49 48.2	-0.3		
		PMZ	m _b = 5.1	1.8	0.095	
		pP	20 49 58.0	0.8		
		sP	20 50 05.0	3.7		
SNY	26.3 4	eP	20 49 51.6	-1.7		
		PMZ	m _b = 4.6	1.2	0.019	
GTA	30.4 326	P	20 50 29.5	-0.6		
WMQ	40.2 322	eP	20 51 53.5	0.0		
		PcS	20 57 47.0	0.7		

JUL 16d 21h 26m 20.9 ± 0.05s, SD1.50 / 123						
16.24 N ± 0.75km, 120.51 E ± 0.98km, h33 ± 0.08km						
Luzon (249)						



M _s 4.8 / 29, m _b 5.4 / 3, m _b 4.9 / 27					PMZ m _b = 4.8										
QZH	8.8	349	eP	21 28 29.0	-0.5					pP	21 32 00.8	2.4			
QZN	10.5	287	eP	21 28 56.2	3.2					eS	21 36 12.0	-1.4			
			eS	21 30 57.8	6.7					LE	M _s = 5.0		14.0	2.32	
			LN	M _s = 4.7		13.0	3.20			LZ	M _s = 4.5		24.0	1.68	
			LE			18.0	3.90			HHC	25.7	344	eP	21 31 51.3	0.9
SSE	14.8	2	+P	21 29 51.0	1.2					sS	21 36 34.0	4.3			
			sS	21 32 50.0	5.1					LZ	M _s = 4.8		20.0	2.74	
			LE	M _s = 4.8		14.0	3.00			BTO	25.9	342	P	21 31 55.0	2.7
			LZ	M _s = 4.3		20.0	1.84			eS	21 36 22.5	4.1			
WHN	15.3	339	eP	21 30 00.0	3.5					LN	M _s = 5.1		13.0	2.00	
			LN	M _s = 5.1		14.0	5.40			LE			13.0	1.80	
			LE			12.0	1.74			CN2	27.8	8	eP	21 32 10.0	0.7
			LZ	M _s = 4.7		16.0	3.56			MDJ	29.3	13	eP	21 32 21.5	-1.4
NJ2	15.8	355	+P	21 30 05.8	2.9					GTA	29.3	326	eP	21 32 21.7	-1.5
			eS	21 33 03.0	5.7					LE	M _s = 4.7		13.0	0.91	
			LN	M _s = 4.6		14.0	1.37			LZ	M _s = 4.8		16.0	1.60	
			LE			14.0	1.62			WMQ	39.1	322	eP	21 33 48.5	1.4
			LZ	M _s = 4.3		20.0	1.83			eS	21 39 46.5	1.9			
GYA	16.4	311	P	21 30 12.6	1.9					LZ	M _s = 5.0		20.0	2.52	
			pP	21 30 22.0	4.1					KSH	45.1	310	eP	21 34 37.5	0.7
			S	21 33 13.4	2.8					eS	21 41 15.5	1.6			
			LN	M _s = 5.0		12.0	3.50			-----					
			LE			12.0	1.60			JUL 16d 21h 27m 15.3 ± 0.07s, SD1.34 / 12					
			LZ	M _s = 4.6		16.0	2.40			16.26 N ± 1.19km, 120.43 E ± 0.80km, h49 ± 0.82km					
KMI	18.8	301	+P	21 30 42.5	1.7					Luzon (249)					
			PMZ	m _b = 4.8		2.5	0.12			m _b 5.0 / 3,					
			PMZ	m _b = 5.4		4.0	0.75			SNY	25.6	5	+P	21 32 41.0	-1.2
			LN	M _s = 5.0		13.0	3.00			CN2	27.8	8	eP	21 33 02.0	-0.1
			LE			13.0	1.90			-----					
			LZ	M _s = 4.7		18.0	3.30			JUL 17d 00h 18m 39.4 ± 0.03s, SD1.16 / 184					
TIA	20.1	352	eP	21 30 53.8	-1.2					15.36 N ± 0.69km, 147.15 E ± 0.69km, h27 ± 0.10km					
			S	21 34 32.0	-1.9					Marianas (216)					
			LE	M _s = 4.6		13.0	1.37			M _s 4.8 / 22, m _b 5.6 / 1, m _b 5.2 / 46					
			LZ	M _s = 4.5		21.0	2.05			QZH	28.4	294	eP	00 24 33.0	-1.0
XAN	20.6	332	P	21 31 01.0	1.3					SSE	28.4	303	-P	00 24 33.0	-1.3
			S	21 34 44.0	1.5					PMZ			m _b = 5.1	1.0	0.041
			LN	M _s = 5.1		14.0	2.70			pP	00 24 39.8	-2.6			
			LE			14.0	2.80			LN	M _s = 4.5		13.0	0.38	
CD2	21.2	317	eP	21 31 04.2	-1.5					LE			12.0	0.44	
			S	21 34 55.0	1.3					LZ	M _s = 4.4		20.0	0.92	
			LN	M _s = 5.0		11.0	2.70			NJ2	30.6	308	eP	00 24 52.0	-2.0
			LZ	M _s = 4.8		12.0	2.30			S	00 29 50.0	-2.8			
TIY	22.5	343	eP	21 31 20.4	0.7					LN	M _s = 4.8		10.0	0.65	
			sS	21 35 33.5	-1.1					LE			10.0	0.41	
			LN	M _s = 4.8		13.0	1.68			LZ	M _s = 4.3		18.0	0.60	
			LZ	M _s = 4.9		16.0	2.98			MDJ	32.7	337	eP	00 25 14.6	2.2
DL2	22.6	2	eP	21 31 22.0	1.9					WHN	33.6	302	eP	00 25 21.0	1.0
			S	21 35 24.0	3.5					pP	00 25 30.0	1.7			
			LN	M _s = 4.9		17.0	1.51			eS	00 30 41.0	0.8			
			LE			15.0	2.45			LN	M _s = 4.7		12.0	0.40	
			LZ	M _s = 4.5		21.0	1.81			LE			12.0	0.50	
BJI	24.0	352	eP	21 31 35.5	1.6					CN2	33.8	331	eP	00 25 22.0	0.0
			PMZ	m _b = 5.3		2.0	0.25			TIA	33.9	313	P	00 25 21.2	-1.0
			esP	21 31 52.0	5.1					QZN	35.8	281	eP	00 25 39.0	0.4
			eS	21 35 48.0	2.0					BJI	36.5	318	eP	00 25 44.0	-0.8
			LN	M _s = 4.6		12.0	0.95			PMZ			m _b = 5.3	1.6	0.076
			LZ	M _s = 4.5		20.0	1.44			ePP	00 27 09.0	0.2			
LZH	24.7	326	eP	21 31 41.0	0.0					eS	00 31 24.0	-0.9			
			PMZ	m _b = 5.2		2.0	0.18			LZ	M _s = 4.5		22.0	0.86	
			PMZ	m _b = 5.2		4.0	0.40			TIY	37.9	313	eP	00 25 56.4	0.0
			pP	21 31 50.0	0.3					LE	M _s = 4.6		14.0	0.46	
			sP	21 31 57.5	3.8					LZ	M _s = 4.7		22.0	1.30	
			eS	21 36 00.0	1.5					XAN	39.1	305	P	00 26 06.5	0.0
			LN	M _s = 5.2		14.0	2.20			S	00 32 00.0	-3.5			
			LE			15.0	3.80			GYA	39.2	293	P	00 26 09.0	1.2
			LZ	M _s = 4.8		18.0	2.70			pP	00 26 17.0	1.0			
SNY	25.6	5	+P	21 31 48.4	-1.1					S	00 32 10.0	4.4			

		LN		$M_s = 5.0$	12.0	0.80	XAN	22.6	238	eP	03 42 26.0	-0.5		
		LE			12.0	0.50	WHN	22.6	223	eP	03 42 27.8	1.1		
HHC	39.9	317	P	00 26 14.0	0.4		LZH	24.2	249	eP	03 42 45.0	2.9		
		S		00 32 22.0	5.9					PMZ	$m_b = 4.5$		2.3	0.043
		LN		$M_s = 4.8$	15.0	0.63				sP	03 42 55.0	0.1		
		LE			14.0	0.37				LE	$M_s = 4.1$		9.0	0.20
		LZ		$M_s = 4.8$	18.0	1.21				LZ	$M_s = 4.2$		8.0	0.30
BTO	40.9	315	P	00 26 22.0	0.8		GTA	24.8	260	eP	03 42 51.0	3.2		
		eS		00 32 32.5	1.5									
		LN		$M_s = 4.7$	13.0	0.40								
		LE			13.0	0.30								
CD2	42.5	299	P	00 26 35.0	0.3									
		PMZ		$m_b = 5.4$	1.0	0.060								
		eS		00 32 55.0	-0.3									
		LN		$M_s = 5.0$	12.0	0.94								
KMI	42.6	291	-P	00 26 36.5	0.8									
		PMZ		$m_b = 5.4$	1.5	0.090							0.6	0.12
		S		00 33 00.0	4.4								0.8	0.14
		LN		$M_s = 5.2$	14.0	1.70								
		LZ		$M_s = 5.0$	16.0	1.50								
LZH	43.7	306	-iP	00 26 45.0	0.6									
		PMZ		$m_b = 5.8$	2.2	0.35								
		PMZ		$m_b = 5.6$	4.0	0.38								
		ePP		00 28 30.0	2.3									
		eS		00 33 14.0	1.3									
		SME			6.0	0.46								
		LN		$M_s = 4.9$	13.0	0.65								
		LZ		$M_s = 4.5$	18.0	0.50								
GTA	47.7	310	-iP	00 27 16.4	0.1									
		PMZ		$m_b = 5.9$	2.5	0.44								
		S		00 34 09.5	0.7									
		LE		$M_s = 4.7$	14.0	0.43								
		LZ		$M_s = 4.8$	20.0	0.96								
LSA	53.2	296	eP	00 27 58.0	-0.4									
WMQ	57.5	312	-iP	00 28 29.2	-0.3									
		eS		00 36 27.0	2.8									
KSH	66.0	307	P	00 29 27.0	0.7									
		eS		00 38 12.0	0.8									
<p>JUL 17d 03h 37m $27.4 \pm 0.06s$, SD1.68 / 48 $48.78 N \pm 0.64km$, $131.95 E \pm 0.90km$, $h33 \pm 0.22km$ E. Russia-N.E. China border region (657) $M_s 4.4 / 9$, $M_L 4.9 / 6$, $m_b 4.5 / 12$</p>														
MDJ	4.5	202	-Pn	03 38 33.4	0.1									
		Pg		03 38 48.0	1.5									
		Sn		03 39 25.0	-0.8									
		Sg		03 39 44.0	-3.8									
		SMN			8.0	4.90								
CN2	6.7	225	+Pn	03 39 03.7	-0.5									
		Pg		03 39 27.6	1.5									
		eSn		03 40 24.8	3.4									
		Sg		03 40 55.4	-2.6									
		SMN			2.0	1.68								
		SME			2.0	0.85								
SNY	9.1	223	eP	03 39 38.0	-1.7									
		LN		$M_s = 4.3$	9.0	0.79								
		LE			8.5	0.91								
		LZ		$M_s = 4.4$	8.0	1.63								
BJI	14.2	238	eP	03 40 48.5	-0.5									
		LN		$M_s = 4.5$	9.0	1.06								
		LZ		$M_s = 4.3$	8.0	0.71								
TIA	16.6	226	eP	03 41 22.7	3.1									
TIY	18.0	239	eP	03 41 38.9	2.3									
		LN		$M_s = 4.3$	11.0	0.70								
		LZ		$M_s = 4.2$	14.0	0.83								
NJ2	19.4	215	+P	03 41 53.5	-0.3									
		LN		$M_s = 4.2$	10.0	0.43								
		LZ		$M_s = 4.1$	10.0	0.39								
<p>JUL 17d 04h 05m $22.0 \pm 0.04s$, SD1.34 / 116 $0.25 S \pm 0.65km$, $122.79 E \pm 0.95km$, $h94 \pm 0.18km$ Minahassa Peninsula (Celebes) (265) $m_b 5.1 / 27$,</p>														
							QZN	23.0	327	eP	04 10 19.7	0.3		
										eS	04 14 18.0	-1.2		
										sS	04 14 57.0	3.5		
							GZH	24.9	339	P	04 10 38.0	-0.3		
							QZH	25.4	351	eP	04 10 42.8	0.6		
							GYA	30.8	331	P	04 11 31.4	0.3		
										pP	04 11 55.0	3.0		
										S	04 16 29.0	3.6		
							SSE	31.2	357	eP	04 11 35.0	0.2		
										PMZ	$m_b = 5.0$		1.5	0.039
							WHN	31.7	346	-P	04 11 40.0	1.2		
										pP	04 12 04.0	4.1		
							KMI	31.8	324	+P	04 11 41.0	0.4		
										PMZ	$m_b = 5.3$		2.0	0.10
							NJ2	32.3	354	+P	04 11 44.9	0.2		
							CD2	35.9	331	+iP	04 12 14.8	-0.3		
										PMZ	$m_b = 5.6$		1.0	0.10
							XAN	36.5	340	P	04 12 19.5	-0.9		
							TIY	39.0	347	-P	04 12 41.5	0.6		
										LZ			24.0	0.68
							LZH	40.2	336	+P	04 12 52.0	0.6		
										PMZ	$m_b = 5.4$		1.5	0.094
										pP	04 13 12.5	-0.5		
							BJI	40.5	352	eP	04 12 53.5	-0.4		
										PMZ	$m_b = 5.0$		0.9	0.021
										epP	04 13 13.5	-2.2		
										esP	04 13 27.5	0.4		
							SNY	41.9	1	eP	04 13 02.8	-2.1		
							HHC	42.2	347	eP	04 13 07.8	0.5		
							CN2	43.9	3	eP	04 13 21.5	0.0		
							GTA	44.7	335	P	04 13 28.0	-0.1		
							MDJ	45.1	7	+P	04 13 29.5	-1.3		
							WMQ	53.9	329	eP	04 14 37.0	-1.4		
							KSH	58.3	318	eP	04 15 10.2	0.5		
<p>JUL 17d 06h 11m $12.0 \pm 0.04s$, SD1.46 / 150 $16.28 N \pm 0.64km$, $121.05 E \pm 0.82km$, $h12 \pm 0.07km$ Luzon (249) $M_s 5.1 / 51$, $m_b 5.6 / 3$, $m_b 5.2 / 45$</p>														
							QZH	8.9	345	eP	06 13 22.5	-1.4		
										S	06 15 05.5	0.4		
										LE	$M_s = 4.8$		16.0	8.27
										LZ	$M_s = 4.4$		20.0	4.23
							GZH	9.9	314	P	06 13 36.8	-1.0		



		LN	$M_s = 6.2$	17.0	163			sS	18 15 48.0	2.1		
		LE		16.0	86.9			LE	$M_s = 6.0$		15.0	34.1
		LZ	$M_s = 5.5$	17.0	41.2			LZ	$M_s = 5.9$		15.0	34.1
QZN	10.8 285	P	18 09 08.4	-3.6		BJI	23.9 351	eP	18 11 49.5	1.3		
		eS	18 11 09.0	-4.7				PMZ	$m_b = 6.0$		2.0	1.11
		LN	$M_s = 6.0$	15.0	54.2			PMZ	$m_B = 6.4$		5.0	7.31
		LE		17.0	75.3			eS	18 16 03.0	2.6		
SSE	14.6 1	+P	18 10 00.0	-2.3				LE	$M_s = 6.1$		16.0	34.9
		PMZ	$m_b = 4.9$	1.2	0.028			LZ	$M_s = 5.9$		20.0	37.7
		PMZ	$m_B = 5.9$	7.0	1.69	LZH	24.7 325	+iP	18 11 58.0	1.0		
		sP	18 10 11.0	-0.6				PMZ	$m_b = 6.0$		2.5	1.33
		eS	18 12 42.0	-2.5				PMZ	$m_B = 6.2$		4.0	3.19
		LN	$M_s = 5.8$	14.0	12.0			sP	18 12 04.0	-2.4		
		LE		14.0	34.8			PP	18 12 39.0	6.4		
		LZ	$M_s = 5.5$	20.0	31.3			S	18 16 20.0	5.3		
WHN	15.2 338	-eP	18 10 12.5	1.5				SME			11.0	14.7
		PMZ	$m_B = 6.1$	4.0	3.38			sS	18 16 25.0	-1.1		
		sP	18 10 19.0	-1.3				LN	$M_s = 6.7$		15.0	91.2
		sS	18 13 05.0	-4.0				LE			14.0	78.9
		S	18 12 59.0	-0.6				LZ	$M_s = 5.9$		17.0	28.0
		LN	$M_s = 6.3$	14.0	26.2	SNY	25.4 5	+iP	18 12 02.5	-0.5		
		LE		14.0	89.4			PMZ	$m_b = 5.9$		1.3	0.39
		LZ	$M_s = 5.7$	16.0	31.5			PMZ	$m_B = 6.3$		4.0	2.85
NJ2	15.6 354	+iP	18 10 15.0	-1.1				PP	18 12 42.0	0.7		
		S	18 13 10.0	1.1				S	18 16 25.0	-0.8		
		LN	$M_s = 6.1$	15.0	25.4			SMN			14.0	20.4
		LE		15.0	63.6			SME			10.0	4.07
		LZ	$M_s = 5.6$	16.0	28.0			sS	18 16 36.5	-0.8		
GYA	16.5 309	-P	18 10 30.0	2.2				SS	18 17 30.0	2.4		
		PMZ	$m_b = 5.1$	1.2	0.10			LN	$M_s = 5.9$		12.0	5.85
		PMZ		3.0	2.40			LE			13.0	17.9
		LN	$M_s = 6.2$	13.0	50.2			LZ	$M_s = 5.8$		21.0	28.2
		LE		13.0	36.3	HHC	25.6 344	+P	18 12 06.0	0.8		
		LZ	$M_s = 5.5$	18.0	21.3			S	18 16 32.0	2.7		
KMI	19.0 300	-P	18 11 00.5	1.9				sS	18 16 38.0	-2.9		
		PMZ		3.0	1.90			LN	$M_s = 6.1$		14.0	15.2
		PMZ	$m_B = 6.3$	5.0	6.70			LE			14.0	27.4
		LN	$M_s = 6.1$	12.0	33.2			LZ	$M_s = 6.0$		20.0	40.9
		LE		12.0	23.8			PMZ	$m_b = 6.0$		1.3	0.51
		LZ	$M_s = 5.9$	17.0	43.8	BTO	25.8 341	P	18 12 08.0	0.7		
TIA	20.0 351	+P	18 11 09.1	0.0				sP	18 12 17.0	0.1		
		PMZ	$m_b = 5.4$	1.4	0.27			S	18 16 34.5	1.5		
		pP	18 11 14.0	-1.2				LN	$M_s = 6.2$		13.0	20.8
		sP	18 11 19.0	0.3				LE			13.0	27.5
		S	18 14 52.3	5.2				eP	18 12 22.0	-0.8		
		LN	$M_s = 6.1$	17.0	20.0	CN2	27.5 7	PMZ	$m_b = 5.4$		1.0	0.080
		LE		15.0	44.8			PMZ	$m_B = 5.7$		5.0	0.80
		LZ	$M_s = 5.7$	20.0	28.8			pP	18 12 28.0	-1.4		
XAN	20.5 331	+P	18 11 15.3	0.0				eS	18 17 02.0	0.4		
		S	18 15 04.0	5.1				LN	$M_s = 6.1$		14.0	27.0
		LN	$M_s = 6.5$	14.0	74.7	MDJ	29.0 13	+P	18 12 35.5	-0.8		
		LE		14.0	75.0			PMZ	$m_b = 5.5$		1.0	0.090
CD2	21.2 316	P	18 11 22.6	0.2				S	18 17 30.0	5.3		
		PMZ	$m_b = 5.4$	1.2	0.19			LE	$M_s = 6.2$		15.0	32.5
		S	18 15 16.0	3.8				+iP	18 12 39.2	0.0		
		LE	$M_s = 6.1$	14.0	38.8	GTA	29.3 325	PMZ	$m_b = 5.3$		1.2	0.077
		LZ	$M_s = 5.7$	16.0	24.2			PMZ	$m_B = 5.9$		4.0	0.85
DL2	22.4 2	+P	18 11 35.0	1.2				sP	18 12 48.2	-0.6		
		PMZ	$m_b = 5.3$	1.2	0.14			PP	18 13 37.0	3.4		
		PMZ	$m_B = 5.8$	5.0	1.84			S	18 17 28.0	-1.7		
		LN	$M_s = 6.2$	17.0	31.1			LE	$M_s = 6.4$		15.0	54.3
		LE		14.0	45.0			LZ	$M_s = 6.4$		16.0	64.1
		LZ	$M_s = 5.8$	20.0	32.0	LSA	30.3 301	P	18 12 48.8	1.1		
TIY	22.4 342	+iP	18 11 35.5	0.9				S	18 17 46.0	1.8		
		PMZ	$m_b = 5.2$	1.0	0.11			LN	$M_s = 5.5$		12.0	3.86
		PMZ	$m_B = 6.0$	8.0	4.78			LE			12.0	2.92
		S	18 15 33.5	-1.2				-iP	18 14 04.2	0.7		
		SMN		16.0	31.0	WMQ	39.1 321	iS	18 20 04.0	1.4		

CN2	27.5	7	eP	21 20 30.0	-0.4			
			PMZ		$m_b = 6.0$	1.0	0.30	
			PMZ		$m_b = 6.6$	6.0	7.00	
			sP	21 20 38.0	-3.1			
			eS	21 25 08.0	-0.4			
			SMN			9.0	5.00	
			SME			9.0	2.50	
			LN		$M_s = 6.6$	13.0	64.0	
			LE			13.0	46.0	
MDJ	29.0	13	eP	21 20 42.5	-1.2			
			PMZ		$m_b = 6.4$	1.8	1.25	
			PMZ		$m_b = 6.8$	5.0	8.84	
			LE		$M_s = 6.7$	20.0	135	
GTA	29.4	325	eP	21 20 47.4	-0.2			
			PMZ		$m_b = 6.5$	2.2	2.03	
			PMZ		$m_b = 6.5$	9.0	8.77	
			S	21 25 44.0	6.0			
			LZ		$M_s = 5.7$	20.0	18.0	
LSA	30.3	301	P	21 20 58.0	1.5			
			S	21 25 57.0	3.8			
			LE		$M_s = 5.9$	13.0	12.1	
WMQ	39.2	321	+iP	21 22 13.0	1.1			
			PMZ		$m_b = 6.8$	8.0	12.5	
			PP	21 23 49.5	3.9			
			iS	21 28 15.0	4.1			
			LN		$M_s = 6.7$	20.0	93.6	
			LZ		$M_s = 6.3$	32.0	75.3	
KSH	45.4	310	-P	21 23 02.0	-0.3			
			PP	21 24 54.0	5.6			
			eS	21 29 43.0	1.4			
			sS	21 29 54.0	0.0			
			LE		$M_s = 7.1$	19.0	155	
			LZ		$M_s = 6.6$	16.0	53.5	

JUL 17d 21h 40m 10.9 ± 0.03s, SD1.12 / 60
16.22 N ± 0.55km, 120.98 E ± 0.72km, h34 ± 0.10km
Luzon (249)
 $m_b 5.0 / 12,$

QZN	11.0	286	eP	21 42 47.9	-1.0			
			eS	21 44 48.6	-3.0			
WHN	15.5	338	eP	21 43 48.9	0.2			
NJ2	15.9	353	eP	21 43 52.9	-0.7			
GYA	16.8	310	P	21 44 06.8	1.7			
XAN	20.8	331	P	21 44 52.0	-0.1			
CD2	21.5	316	eP	21 44 59.4	0.5			
TIY	22.7	342	eP	21 45 12.3	1.2			
BJI	24.1	351	eP	21 45 25.0	0.4			
			PMZ		$m_b = 4.6$	1.1	0.028	
LZH	25.0	326	eP	21 45 34.0	0.5			
			PMZ		$m_b = 4.9$	1.4	0.066	
			pP	21 45 41.0	-1.3			
SNY	25.6	4	eP	21 45 41.0	1.8			
			PMZ		$m_b = 5.8$	1.0	0.22	
CN2	27.7	7	eP	21 45 59.5	0.6			
MDJ	29.2	13	-P	21 46 11.0	-1.1			

JUL 17d 21h 47m 28.8 ± 0.05s, SD1.72 / 103
17.23 N ± 0.95km, 120.95 E ± 1.03km, h35 ± 0.26km
Luzon (249)
 $M_L 4.2 / 2, m_b 4.9 / 19,$

QZH	8.0	344	eP	21 49 24.5	-0.8			
			S	21 50 55.5	0.5			
			SMN			1.0	0.10	
			SME			0.8	0.10	
GZH	9.2	310	P	21 49 38.7	-3.7			
QZN	10.7	281	eP	21 50 00.0	-3.0			
			eS	21 51 57.2	-5.6			
SSE	13.8	1	eP	21 50 45.0	0.5			

			sP	21 50 54.0	-2.8			
			PP	21 50 56.8	1.2			
NJ2	14.9	353	eP	21 50 55.0	-3.5			
			S	21 53 43.0	0.6			
GYA	16.1	307	P	21 51 14.6	-0.1			
KMI	18.7	298	eP	21 51 49.5	2.5			
XAN	19.9	329	P	21 52 04.2	3.6			
CD2	20.7	314	P	21 52 09.6	0.4			
			PMZ		$m_b = 5.1$	1.0	0.10	
DL2	21.6	1	eP	21 52 18.3	0.4			
TIY	21.7	342	eP	21 52 20.3	1.0			
BJI	23.1	351	eP	21 52 34.0	1.3			
			PMZ		$m_b = 5.1$	1.2	0.099	
LZH	24.1	324	P	21 52 45.0	1.9			
			PMZ		$m_b = 4.9$	2.0	0.11	
			pP	21 52 50.5	-1.7			
			sP	21 52 54.5	-1.8			
SNY	24.6	5	-P	21 52 46.8	-0.6			
			PMZ		$m_b = 5.0$	1.0	0.066	
HHC	24.9	343	P	21 52 51.8	1.5			
BTO	25.1	340	eP	21 52 49.7	-2.8			
CN2	26.8	7	eP	21 53 05.0	-2.6			
MDJ	28.3	13	-P	21 53 21.0	-0.2			
GTA	28.8	324	eP	21 53 26.0	0.3			
WMQ	38.6	320	P	21 54 53.0	2.4			

JUL 17d 22h 29m 52.5 ± 0.04s, SD1.27 / 93
16.32 N ± 0.68km, 121.33 E ± 0.91km, h34 ± 0.12km
Luzon (249)
 $m_b 4.9 / 17,$

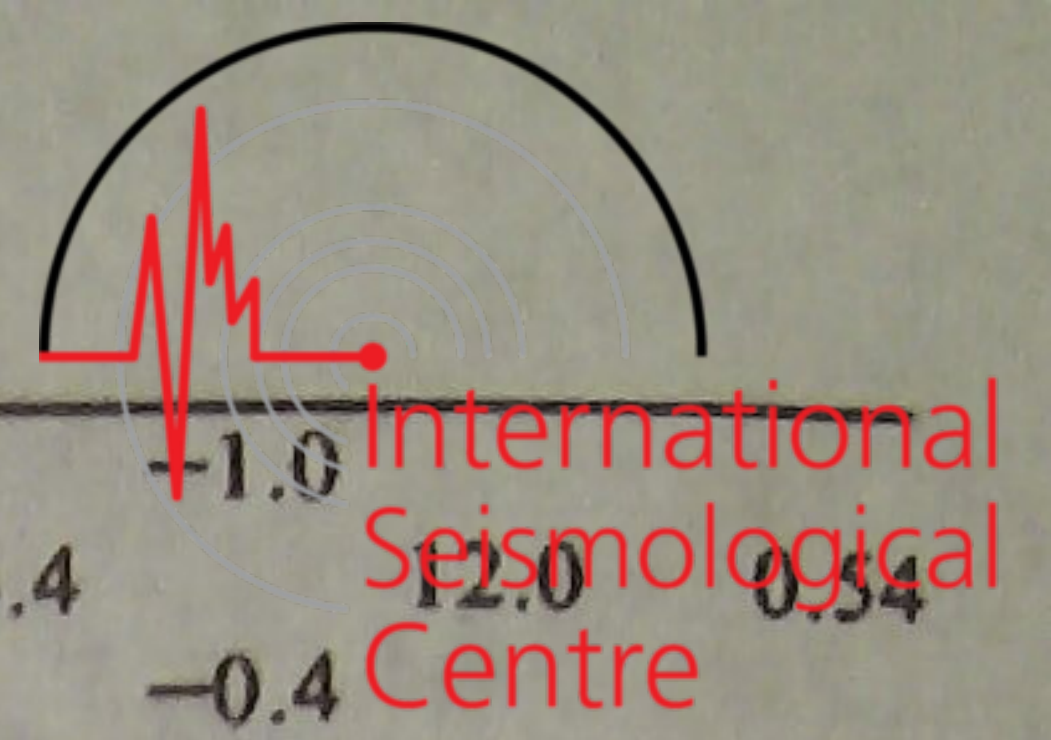
QZH	8.9	344	+iP	22 32 03.3	0.8			
WHN	15.5	337	eP	22 33 32.5	1.7			
			pP	22 33 37.5	-0.6			
NJ2	15.8	352	eP	22 33 35.0	0.5			
GYA	17.0	309	P	22 33 49.6	0.5			
KMI	19.5	300	-P	22 34 24.0	4.5			
			PMZ		$m_b = 4.8$	1.5	0.070	
TIA	20.2	350	-P	22 34 26.9	-0.1			
XAN	20.9	330	P	22 34 34.0	-0.5			
CD2	21.6	315	P	22 34 42.0	-0.1			
			PMZ		$m_b = 5.1$	1.2	0.10	
DL2	22.5	1	eP	22 34 53.3	2.6			
TIY	22.7	341	eP	22 34 54.9	2.1			
BJI	24.1	350	eP	22 35 06.0	0.1			
LZH	25.1	325	P	22 35 16.6	0.5			
			PMZ		$m_b = 5.4$	1.0	0.11	
			pP	22 35 26.0	1.1			
SNY	25.5	4	-P	22 35 19.4	-0.3			
			PMZ		$m_b = 4.8$	1.4	0.032	
BTO	26.1	340	eP	22 35 27.0	1.5			
CN2	27.6	6	eP	22 35 39.5	0.2			
MDJ	29.1	12	eP	22 35 51.7	-0.5			
GTA	29.7	325	eP	22 35 57.3	-0.8			
WMQ	39.5	321	P	22 37 22.5	0.3			
KSH	45.7	310	eP	22 38 13.5	0.8			

JUL 17d 22h 39m 49.9 ± 0.04s, SD1.36 / 98
16.21 N ± 0.74km, 121.11 E ± 0.97km, h34 ± 0.14km
Luzon (249)
 $M_s 4.5 / 1, m_b 4.9 / 27,$

WHN	15.6	338	eP	22 43 30.5	2.0			
			pP	22 43 38.0	2.1			
NJ2	15.9	353	eP	22 43 33.0	-0.1			
			S	22 46 29.0	1.2			
			LZ		$M_s = 4.2$	20.0	1.28	
GYA	16.9	310	P	22 43 47.6	2.2			
KMI	19.3	300	+P	22 44 19.5	3.9			
XAN	20.9	331	P	22 44 31.0	-0.9			



LZH	24.8 325	LE		16.0	0.73	QZN	11.1 285	LZ	$M_s=4.8$	14.0	6.67	
		LZ	$M_s=4.6$	18.0	1.76			eP	01 59 25.2	-3.9		
		+P	01 40 36.0	1.1				eS	02 01 26.0	-6.7		
		PMZ	$m_b=5.5$	2.5	0.45			LN	$M_s=5.1$	15.0	9.90	
		PMZ	$m_b=5.6$	5.5	1.15			LE		16.0	4.60	
		pP	01 40 41.5	0.2				SSE	14.6 0	-P	02 00 17.5	1.0
		esS	01 45 04.0	-0.9				PMZ	$m_b=5.1$	1.5	0.049	
SNY	25.3 4	LN	$M_s=4.8$	12.0	0.88	PMZ	$m_b=5.9$	4.0	0.88			
		LE		13.0	1.05	S	02 03 04.0	6.1				
		LZ	$M_s=4.7$	24.0	2.80	LN	$M_s=4.9$	14.0	1.64			
		+P	01 40 38.8	-0.9		LE		13.0	4.16			
		PMZ	$m_b=5.0$	1.0	0.035	LZ	$M_s=4.6$	20.0	3.31			
		PMZ	$m_b=5.3$	8.0	0.64	WHN	15.4 337	eP	02 00 27.0	0.7		
		pP	01 40 44.0	-2.3		PMZ	$m_b=5.3$	6.0	0.88			
HHC	25.6 343	S	01 45 03.0	1.0		sP	02 00 35.5	-2.7				
		sS	01 45 12.0	-1.7		SS	02 03 38.0	4.5				
		LE	$M_s=4.8$	12.5	1.26	LN	$M_s=5.0$	18.0	6.04			
		LZ	$M_s=4.4$	19.0	1.02	LE		14.0	2.34			
		+P	01 40 43.5	0.9		LZ	$M_s=4.7$	18.0	4.37			
		pP	01 40 48.0	-1.0		NJ2	15.7 353	-P	02 00 32.0	1.4		
		PP	01 41 25.0	3.5		pP	02 00 39.5	1.6				
BTO	25.9 340	S	01 45 09.0	2.2		eS	02 03 24.0	0.1				
		LN	$M_s=4.6$	11.0	0.54	LN	$M_s=4.9$	12.0	1.54			
		LE		10.0	0.58	LE		12.0	2.90			
		LZ	$M_s=4.8$	18.0	2.42	LZ	$M_s=4.6$	18.0	2.98			
		eP	01 40 45.0	0.2		GYA	16.7 309	P	02 00 44.6	0.6		
		eS	01 45 12.0	0.3		PMZ	$m_b=5.6$	5.0	1.40			
		LN	$M_s=4.8$	13.0	0.70	pP	02 00 51.2	-0.1				
CN2	27.5 7	LE		13.0	1.30	S	02 03 48.0	0.5				
		eP	01 40 59.5	0.1		LN	$M_s=5.2$	15.0	6.30			
		PMZ	$m_b=4.8$	1.0	0.020	LE		15.0	3.50			
		pP	01 41 06.5	0.4		LZ	$M_s=4.8$	16.0	4.10			
		eS	01 45 38.0	0.3		KMI	19.2 300	-P	02 01 17.0	2.3		
		LN	$M_s=4.7$	14.0	0.70	PMZ		3.0	0.70			
		LE		14.0	0.70	PMZ	$m_b=5.7$	6.0	2.50			
MDJ	28.9 13	LZ	$M_s=4.5$	15.0	1.00	pP	02 01 25.0	2.9				
		+P	01 41 12.0	-0.6		sP	02 01 29.5	2.8				
		PMZ	$m_b=4.9$	0.8	0.020	S	02 04 50.0	6.3				
		pP	01 41 19.5	0.2		LN	$M_s=5.1$	11.0	3.00			
		sP	01 41 22.0	-0.5		LE		11.0	1.90			
		eS	01 46 08.0	6.7		LZ	$M_s=5.1$	16.0	5.90			
		LE	$M_s=5.1$	14.0	2.60	TIA	20.0 351	+P	02 01 23.0	-0.3		
GTA	29.4 325	LZ	$M_s=4.6$	18.0	1.40	eS	02 05 07.5	5.5				
		eP	01 41 16.8	-0.3		LE	$M_s=5.0$	13.0	2.86			
		S	01 46 10.0	1.8		LZ	$M_s=4.7$	20.0	3.32			
		LE	$M_s=4.6$	11.0	0.60	XAN	20.7 330	P	02 01 29.0	-1.2		
		LZ	$M_s=4.7$	23.0	2.20	S	02 05 21.0	6.8				
		P	01 42 42.5	1.0		LN	$M_s=5.2$	13.0	3.60			
		sS	01 48 56.0	3.6		LE		13.0	3.30			
WMQ	39.2 321	LZ	$M_s=4.9$	16.0	1.44	CD2	21.4 315	eP	02 01 37.0	-0.7		
		P	01 43 33.0	1.1		PMZ	$m_b=5.4$	6.5	1.22			
		eS	01 50 14.0	1.9		LN	$M_s=5.2$	13.0	5.10			
KSH	45.4 310	LZ		16.0	1.44	LZ	$M_s=4.8$	16.0	3.10			
		LZ		16.0	1.44	DL2	22.4 1	eP	02 01 49.5	2.1		
		LZ		16.0	1.44	PMZ	$m_b=4.9$	1.0	0.050			
		LZ		16.0	1.44	LN	$M_s=5.2$	15.0	1.20			
		LZ		16.0	1.44	LE		14.0	4.14			
		LZ		16.0	1.44	LZ	$M_s=4.8$	16.0	2.40			
		LZ		16.0	1.44	TIY	22.6 342	eP	02 01 50.8	1.8		
<p>JUL 18d 01h 56m $50.0 \pm 0.04s$, $SD1.51 / 163$ $16.41 N \pm 0.75km$, $121.12 E \pm 0.91km$, $h33 \pm 0.09km$ Luzon (249) $M_s5.1 / 46$, $M_L4.5 / 1$, $m_b5.7 / 16$,</p>						BJI	23.9 351	eP	02 02 03.0	0.7		
QZH	8.8 345	eP	01 58 58.0	-0.1	PMZ			$m_b=5.7$	2.0	0.58		
eS	02 00 38.0	0.7		PMZ	$m_b=5.7$			4.0	1.22			
SMN	$M_L=4.5$	1.0	0.10	ePP	02 02 37.0			1.1				
SME		1.0	0.10	eS	02 06 14.0			0.2				
LN	$M_s=4.6$	13.0	3.62									
LE		13.0	1.55									
GZH	9.9 313	LZ	$M_s=4.6$	20.0	6.85							
		eP	01 59 11.9	-1.0								
		S	02 00 58.0	-5.6								
LN	$M_s=4.9$	12.0	5.90									
LE		8.0	1.17									



LZH	24.9	325	LN	$M_s = 5.0$	20.0	3.40			pP	04 43	17.0	-1.0					
			LZ	$M_s = 4.9$	18.0	3.30			LE		$M_s = 4.4$	12.0	0.54				
			P	02 02	12.3	0.4			TIY	24.8	342	eP	04 43	12.0	-0.4		
			PMZ				3.0	0.74	BJI	26.1	350	eP	04 43	24.0	-0.9		
			PMZ			$m_b = 5.7$	4.5	1.17			PMZ		$m_b = 5.6$	2.0	0.28		
SNY	25.4	4	SME		10.0	2.06			cpP	04 43	33.0	-0.3					
			LN	$M_s = 5.1$	13.0	2.10			eS	04 47	50.5	-2.3					
			LE		13.0	2.30			LZ		$M_s = 4.4$	17.0	0.88				
			LZ	$M_s = 5.2$	14.0	5.30			SNY	27.5	3	eP	04 43	36.0	-1.2		
			+P	02 02	15.0	-1.5					PMZ		$m_b = 4.9$	1.0	0.026		
			PMZ			$m_b = 5.3$	1.4	0.11	HHC	28.0	343	P	04 43	42.0	0.3		
			pP	02 02	23.0	-2.4			CN2	29.6	5	P	04 43	55.0	-1.0		
			sP	02 02	27.6	-1.8					pP	04 44	04.0	-0.5			
			S	02 06	37.0	-1.2					eS	04 48	46.0	-2.1			
			sS	02 06	56.0	2.4					LN		$M_s = 4.3$	14.0	0.40		
HHC	25.7	343	LN	$M_s = 5.1$	13.0	0.97			LE			14.0	0.10				
			LE		13.5	2.80			LZ		$M_s = 4.1$	18.0	0.40				
			LZ	$M_s = 4.7$	19.0	2.27			MDJ	30.9	11	+iP	04 44	09.0	0.9		
			P	02 02	22.5	3.0					PMZ		$m_b = 5.2$	1.0	0.040		
			S	02 06	47.5	4.4					pP	04 44	13.0	-3.6			
			SMN				11.0	1.61	GTA	31.7	326	eP	04 44	13.8	-1.0		
			SME				10.0	1.36	WMQ	41.4	322	P	04 45	38.0	0.6		
			LN	$M_s = 5.1$	15.0	2.20			JUL 18d 07h 17m $15.4 \pm 0.04s$, SD1.39 / 146 $16.53 N \pm 0.69km$, $120.87 E \pm 0.78km$, $h32 \pm 0.11km$ Luzon (249) $M_s 5.0 / 42$, $M_L 4.5 / 1$, $m_b 5.3 / 7$,								
			LE		14.0	2.63			QZH	8.6	346	eP	07 19	21.0	-0.2		
			LZ	$M_s = 5.0$	18.0	4.23					SMN		$M_L = 4.5$	0.9	0.10		
BTO	26.0	340	eP	02 02	22.0	0.3			SME			1.2	0.10				
			ePP	02 03	03.0	0.7			LE		$M_s = 4.7$	15.0	6.05				
			S	02 06	48.0	1.0			LZ		$M_s = 4.5$	16.0	4.74				
			LN	$M_s = 5.2$	15.0	2.80			GZH	9.6	314	P	07 19	31.6	-3.2		
			LE		15.0	2.50					S	07 21	24.0	1.2			
CN2	27.5	7	eP	02 02	37.0	0.8			LN		$M_s = 4.9$	12.0	5.00				
			PMZ			$m_b = 4.9$	1.0	0.025		LE			12.0	4.60			
			pP	02 02	45.5	0.3			LZ		$M_s = 4.5$	19.0	4.58				
			eS	02 07	15.0	1.2			QZN	10.8	285	eP	07 19	48.7	-2.2		
			LN	$M_s = 5.1$	15.0	1.60					eS	07 21	45.0	-6.7			
MDJ	29.0	13	LE		15.0	2.10			LN		$M_s = 4.8$	14.0	1.90				
			LZ	$M_s = 4.9$	17.0	2.40			LE			16.5	6.00				
			+P	02 02	48.2	-1.2			SSE	14.5	1	P	07 20	42.5	2.1		
			PMZ			$m_b = 5.2$	0.8	0.040			sP	07 20	53.5	1.3			
			eS	02 07	40.0	2.7					eS	07 23	26.0	4.8			
GTA	29.5	325	LE	$M_s = 5.1$	14.0	2.60			LN		$M_s = 4.8$	12.0	1.20				
			LZ	$M_s = 4.9$	18.0	2.30			LE			13.0	2.83				
			eP	02 02	53.2	-0.8			LZ		$M_s = 4.4$	18.0	2.33				
			S	02 07	47.0	2.6			WHN	15.2	338	-P	07 20	49.0	-0.1		
			LE	$M_s = 5.0$	14.0	1.77					pP	07 20	56.0	-0.3			
WMQ	39.3	321	LZ	$M_s = 5.4$	10.0	4.47			SS	07 23	57.0	3.0					
			P	02 04	20.5	2.3			LN		$M_s = 5.1$	14.0	2.70				
			eS	02 10	20.0	2.7			LE			14.0	5.67				
KSH	45.5	310	LZ	$M_s = 5.3$	16.0	3.81			LZ		$M_s = 4.4$	16.0	1.78				
			eP	02 05	10.0	1.4			NJ2	15.6	354	-P	07 20	56.6	2.4		
JUL 18d 04h 37m $51.1 \pm 0.03s$, SD0.98 / 69 $14.28 N \pm 0.69km$, $121.90 E \pm 0.68km$, $h30 \pm 0.23km$ Mindoro (250) $M_s 4.3 / 3$, $m_b 5.0 / 21$,																	
SSE	16.8	358	eP	04 41	44.0	-1.4			S	07 23	45.0	-0.5					
			pP	04 41	49.5	-2.9			LN		$M_s = 5.1$	16.0	2.73				
WHN	17.6	338	eP	04 41	57.0	0.8			LE			15.0	6.09				
			sP	04 42	08.0	0.2			LZ		$M_s = 4.3$	20.0	1.86				
NJ2	17.9	352	-P	04 42	01.4	1.5			GYA	16.5	309	P	07 21	07.4	1.3		
			pP	04 42	09.0	1.9					S	07 24	09.0	2.1			
			S	04 45	15.0	-0.5					LN		$M_s = 5.0$	12.0	3.10		
			LZ	$M_s = 3.8$	20.0	0.49					LE			12.0	1.70		
GYA	18.7	313	P	04 42	10.6	0.7			LZ		$M_s = 4.5$	16.0	2.10				
			-P	04 42	47.5	0.1			KMI	19.0	300	+P	07 21	39.5	2.4		
XAN	22.9	331	P	04 42	54.0	0.0			PMZ		$m_b = 5.1$	1.5	0.15				
			eP	04 43	10.0	0.4					PMZ		$m_b = 5.5$	4.0	0.90		
DL2	24.5	359	PMZ			$m_b = 5.3$	1.2	0.14	S	07 25	07.0	3.8					
										LN		$M_s = 5.1$	12.0	3.40			

TIA	19.9	351	LE		12.0	2.10	CN2	27.5	7	P	07 22	59.4	-1.5				
			+P	07 21	46.5	-0.6				PMZ		$m_b=4.7$		1.0	0.016		
			eS	07 25	29.0	4.7				pP	07 23	10.0	0.2				
			LE		$M_s=4.9$	14.0	2.68			eS	07 27	37.0	-1.0				
			LZ		$M_s=4.6$	20.0	2.43			LN		$M_s=4.8$		13.0	0.90		
XAN	20.5	331	P	07 21	53.0	-0.4				LE				13.0	0.70		
			S	07 25	42.0	6.3				LZ		$M_s=4.8$		16.0	1.80		
			LN		$M_s=5.3$	14.0	4.80	MDJ	29.0	13	+P	07 23	13.2	-1.1			
			LE			14.0	5.60			PMZ		$m_b=4.9$		0.8	0.020		
CD2	21.2	316	P	07 22	00.4	-0.2				pP	07 23	22.0	-1.2				
			eS	07 25	46.5	-3.2				eS	07 28	08.0	6.1				
			esS	07 25	58.0	-5.1				LZ		$M_s=4.6$		20.0	1.40		
			LE		$M_s=5.1$	12.0	3.80	GTA	29.3	325	+P	07 23	17.4	0.1			
			LZ		$M_s=4.7$	17.0	2.50			LE		$M_s=5.2$		14.0	3.18		
DL2	22.3	2	eP	07 22	11.0	-0.8				LZ		$M_s=5.1$		16.0	3.50		
			PMZ				3.0	0.44	WMQ	39.1	321	eP	07 24	42.5	0.9		
			pP	07 22	21.0	0.5			KSH	45.2	310	eP	07 25	31.0	-1.0		
			sP	07 22	29.0	4.5			JUL 18d 08h 00m $12.1 \pm 0.03s$, $SD1.37 / 385$ $16.53 N \pm 0.92km$, $121.06 E \pm 1.02km$, $h13 \pm 0.17km$ Luzon (249) $M_s 5.4 / 59$, $M_L 5.0 / 2$, $m_b 6.0 / 20$,								
			eS	07 26	15.5	5.1			QZH	8.7	345	P	08 02	21.5	0.9		
			SMN			9.0	1.44			S	08 03	58.0	-1.1				
			SME			8.0	1.10			SMN		$M_L=5.0$		1.0	0.21		
			LN		$M_s=5.1$	14.0	2.30			SME				0.9	0.43		
			LE			14.0	3.20			LN		$M_s=4.9$		14.0	9.94		
			LZ		$M_s=4.5$	22.0	1.70			LZ		$M_s=5.1$		18.0	19.4		
TIY	22.4	342	-P	07 22	14.0	1.4			GZH	9.8	313	P	08 02	34.2	-1.3		
			LN		$M_s=4.8$	15.0	2.20			S	08 04	24.0	-1.7				
			LZ		$M_s=4.7$	20.0	2.75			LN		$M_s=5.3$		14.0	12.8		
BJI	23.8	351	+P	07 22	27.0	0.8				LE				14.0	11.6		
			PMZ		$m_b=5.5$	2.0	0.36			LZ		$M_s=5.2$		16.0	18.1		
			PMZ		$m_b=5.3$	4.0	0.49			QZN	11.0	285	P	08 02	50.6	-1.6	
			epP	07 22	36.0	1.0				eP	08 02	50.0	-1.9				
			esP	07 22	41.0	2.0				S	08 04	51.4	-4.0				
			eS	07 26	37.0	0.3				LE		$M_s=5.4$		15.0	19.1		
			esS	07 26	52.0	1.1			SSE	14.5	0	+P	08 03	39.0	-0.3		
			LE		$M_s=4.9$	15.0	2.46			PMZ		$m_b=5.9$		8.0	1.93		
			LZ		$M_s=4.7$	20.0	2.69			pP	08 03	44.5	0.4				
LZH	24.7	325	+iP	07 22	36.0	0.9				sP	08 03	50.3	2.5				
			PMZ		$m_b=5.1$	2.0	0.13			LN		$M_s=5.2$		14.0	2.60		
			PMZ		$m_b=5.3$	3.5	0.41			LE				14.0	8.60		
			pP	07 22	45.0	1.4				LZ		$M_s=4.9$		20.0	8.30		
			sP	07 22	48.0	0.4			WHN	15.2	337	eP	08 03	52.2	3.2		
			PP	07 23	15.0	4.0				PMZ		$m_b=4.9$		1.0	0.050		
			esS	07 27	08.0	1.7				PMZ		$m_b=5.6$		8.0	1.98		
			LN		$M_s=5.4$	13.0	4.16			sP	08 03	58.5	1.0				
			LE			13.0	4.66			S	08 06	40.0	2.1				
			LZ		$M_s=4.9$	17.0	3.40			SS	08 06	56.0	0.6				
SNY	25.3	5	+P	07 22	40.0	-1.1				LN		$M_s=5.4$		16.0	13.0		
			PMZ		$m_b=5.4$	1.4	0.14			LE				12.0	3.24		
			pP	07 22	49.0	-0.9				LZ		$M_s=5.0$		18.0	7.28		
			S	07 27	03.0	0.9			NJ2	15.6	353	+iP	08 03	56.0	2.6		
			SMN			15.0	1.64			PMZ		$m_b=5.1$		1.2	0.11		
			sS	07 27	18.0	0.7				S	08 06	45.0	-0.9				
			LN		$M_s=5.2$	14.0	0.85			LN		$M_s=5.4$		16.0	11.4		
			LE			14.0	3.48			LE				16.0	9.13		
			LZ		$M_s=4.6$	25.0	2.11			LZ		$M_s=4.9$		18.0	6.79		
HHC	25.5	343	-P	07 22	44.1	0.8			GYA	16.6	309	-P	08 04	10.6	3.6		
			PMZ		$m_b=6.0$	1.4	0.51			pP	08 04	16.0	4.3				
			pP	07 22	53.0	1.1				S	08 07	14.0	3.7				
			PP	07 23	23.0	0.7				LN		$M_s=5.4$		12.0	7.40		
			S	07 27	04.0	-1.7				LE				12.0	6.30		
			sS	07 27	19.0	-2.0				LZ		$M_s=5.1$		16.0	8.10		
			LE		$M_s=5.0$	14.0	2.15			eP	08 04	36.5	-1.6				
			LZ		$M_s=5.0$	18.0	3.63			PMZ				3.0	1.40		
BTO	25.8	341	P	07 22	45.5	0.1			KMI	19.1	300	PMZ		$m_b=6.2$		7.0	8.30
			ePP	07 23	27.0	1.8											
			eS	07 27	09.5	-0.9											
			LN		$M_s=5.1$	14.0	1.30										
			LE			14.0	2.70										

WHN	9.2	315	eP	09 40	39.0	2.3			TIY	63.6	61	eP	11 39	56.7	-0.4				
			sP	09 40	47.5	1.2						S	11 48	29.5	1.8				
			LN		$M_s=4.6$	9.0	2.34					LE		$M_s=4.8$	11.0	0.25			
			LE			9.0	1.34		GYA	64.8	75	P	11 40	04.0	-0.6				
			LZ		$M_s=4.2$	10.0	1.27		BJI	65.1	58	eP	11 40	06.5	-0.3				
QZN	12.2	248	eP	09 41	20.7	2.3			TIA	67.6	61	+P	11 40	21.7	-1.1				
			eS	09 43	37.0	1.7			WHN	68.5	67	eP	11 40	28.0	-0.3				
GYA	13.9	283	eP	09 41	40.4	-0.1						pP	11 40	32.0	-3.0				
			pP	09 41	46.0	-0.2						sP	11 40	39.0	0.9				
			S	09 44	12.6	-1.9			SNY	69.1	53	eP	11 40	30.3	-1.7				
			SMN			1.4	0.10					S	11 49	33.0	-1.2				
			SME			1.4	0.10					ScS	11 50	28.0	0.8				
			LN		$M_s=4.7$	8.0	1.10					LE		$M_s=5.4$	18.0	1.41			
XAN	15.0	314	P	09 41	54.0	-0.3						LZ		$M_s=5.2$	19.0	1.26			
			LE		$M_s=4.4$	10.0	0.90		CN2	69.2	50	eP	11 40	32.5	-0.4				
TIY	15.7	332	eP	09 42	08.0	3.7						pP	11 40	38.0	-1.6				
			LN		$M_s=4.3$	13.0	0.96					eS	11 49	38.0	0.7				
			LZ		$M_s=4.4$	11.0	1.24					LN		$M_s=5.1$	14.0	0.40			
BJI	16.5	345	eP	09 42	17.0	2.4						LE		$M_s=4.9$	16.0	0.60			
CD2	17.4	297	eP	09 42	24.8	-0.2			NJ2	71.0	64	+P	11 40	42.0	-1.6				
			eS	09 45	40.0	3.8			QZN	71.2	80	+P	11 40	45.0	0.4				
			LN		$M_s=4.5$	7.0	0.70					S	11 49	58.5	0.1				
SNY	17.7	4	eP	09 42	30.6	1.5			MDJ	71.3	48	eP	11 40	45.5	0.0				
			LE		$M_s=4.1$	11.0	0.41		SSE	73.2	64	eP	11 40	53.7	-2.9				
			LZ		$M_s=4.4$	13.0	1.13					PMZ		$m_b=4.8$	1.0	0.012			
BTO	19.2	332	eP	09 42	49.0	1.8			JUL 18d 13h 56m $52.5 \pm 0.05s$, SD1.18 / 61 24.90 S $\pm 1.09km$, 176.31 W $\pm 0.73km$, $h34 \pm 0.47km$ South of Fiji (171) $m_b 5.2 / 10$,										
			eS	09 46	22.0	5.1			MDJ	85.0	324	eP	14 09	26.0	-0.6				
			LN		$M_s=4.6$	12.0	1.00		WHN	86.3	306	eP	14 09	32.0	-0.9				
			LE			12.0	0.80		SNY	86.6	320	eP	14 09	33.4	-0.8				
LZH	19.5	312	eP	09 42	54.0	2.5			CN2	86.7	322	P	14 09	34.0	-1.0				
			PMZ		$m_b=4.4$	1.5	0.028		GYA	90.2	299	P	14 09	53.0	1.4				
			sP	09 43	04.0	2.5			TIY	91.4	311	eP	14 09	57.0	-0.1				
			PP	09 43	12.0	3.4			XAN	92.0	307	P	14 10	00.0	-0.2				
			LE		$M_s=4.3$	10.0	0.50		KMI	92.7	296	-P	14 10	05.0	1.4				
			LZ		$M_s=4.1$	22.0	0.80		HHC	93.5	314	P	14 10	06.8	-0.3				
CN2	19.8	8	eP	09 42	56.0	1.4			LZH	96.7	307	eP	14 10	22.0	0.6				
GTA	24.0	315	eP	09 43	37.4	0.5			JUL 18d 15h 39m $29.2 \pm 0.03s$, SD1.01 / 99 0.46 N $\pm 0.45km$, 125.48 E $\pm 0.66km$, $h84 \pm 0.15km$ Molucca Sea (269) $M_s 4.3 / 1$, $m_b 5.0 / 23$,										
WMQ	34.1	314	eP	09 45	08.2	0.5			QZN	24.0	321	eP	15 44	38.0	0.8				
JUL 18d 11h 29m $24.1 \pm 0.04s$, SD1.39 / 390 36.99 N $\pm 0.71km$, 29.63 E $\pm 0.53km$, $h17 \pm 0.08km$ Turkey (366) $M_s 5.2 / 9$, $m_b 5.6 / 1$, $m_b 5.1 / 65$																			
KSH	36.1	71	P	11 36	32.0	4.1						eS	15 48	47.5	2.2				
			PP	11 37	52.0	2.4						LE		$M_s=4.3$	12.0	0.50			
			LE		$M_s=5.3$	6.0	1.10		GYA	31.6	326	P	15 45	47.0	0.7				
WMQ	44.0	62	-iP	11 37	34.0	1.3			KMI	32.9	320	eP	15 45	59.0	0.6				
			PcP	11 39	16.5	-1.6			CD2	36.6	328	P	15 46	28.8	-0.8				
			eS	11 44	10.0	6.4			XAN	36.8	337	P	15 46	30.0	-1.3				
			LZ		$M_s=5.1$	18.0	1.90		TIY	39.0	343	eP	15 46	48.8	-0.4				
GTA	53.9	64	-P	11 38	49.0	-0.6			BJI	40.3	349	eP	15 46	59.0	-1.0				
			LE		$M_s=4.8$	14.0	0.42		LZH	40.7	333	eP	15 47	03.6	-0.4				
			LZ		$M_s=4.9$	20.0	1.14					PMZ		$m_b=4.9$	2.5	0.053			
LZH	58.1	67	P	11 39	19.5	-0.6						PcP	15 49	05.3	1.6				
			PMZ		$m_b=5.5$	1.4	0.082		SNY	41.2	358	eP	15 47	07.9	0.3				
			pP	11 39	23.5	-3.1						LZ		$M_s=4.0$	26.0	0.30			
			sP	11 39	26.5	-3.1			CN2	43.1	360	P	15 47	23.2	-0.3				
			LZ		$M_s=5.0$	20.0	1.20		MDJ	44.1	4	+P	15 47	32.1	0.8				
CD2	60.4	72	P	11 39	34.0	-1.4						PMZ		$m_b=4.7$	0.8	0.010			
BTO	60.6	59	eP	11 39	38.0	0.6			GTA	45.3	332	eP	15 47	40.0	-1.0				
			eS	11 47	52.0	0.2						PMZ		$m_b=5.0$	0.8	0.017			
			LN		$M_s=5.2$	14.0	0.60		WMQ	54.7	327	-iP	15 48	52.0	-0.7				
			LE			14.0	0.50												
HHC	61.6	59	P	11 39	43.5	-0.3													
KMI	62.4	78	+P	11 39	48.0	-1.0													
			PMZ		$m_b=5.4$	2.0	0.10												
XAN	62.8	67	P	11 39	51.0	-0.6													

		LN		16.0	0.78			$M_s 4.6 / 3, m_b 4.1 / 5,$					
		LZ		22.0	1.30	GYA	16.2 312	P	17 46 02.0		4.7		
BJI	48.4 345	eP	17 30 21.5	-0.5		XAN	20.5 333	P	17 46 47.0		-1.9		
		PMZ	$m_b = 5.8$	1.0	0.12	CD2	21.0 318	P	17 46 53.6		0.1		
		eS	17 37 12.0	-2.6		TIY	22.6 344	eP	17 47 13.5		3.5		
SNY	48.8 353	+iP	17 30 24.5	-0.2		DL2	22.8 3	eP	17 47 16.0		3.8		
		PMZ	$m_b = 5.4$	1.0	0.053	BJI	24.2 353	eP	17 47 24.5		-0.5		
		S	17 37 15.0	-3.5				PMZ	$m_b = 4.6$		1.5	0.039	
		SMN		10.0	0.59	LZH	24.6 327	eP	17 47 28.7		-1.0		
		SME		9.0	0.87			PMZ	$m_b = 4.9$		1.5	0.070	
		ScS	17 40 00.0	-3.7				sP	17 47 44.0		2.0		
		SS	17 40 46.0	0.2				LN	$M_s = 4.7$		12.0	0.77	
		LN		20.0	0.61			LE			12.0	0.81	
		LZ		20.0	0.73			LZ	$M_s = 4.0$		22.0	0.50	
LZH	49.5 331	eP	17 30 30.0	-0.2		HHC	25.8 345	eP	17 47 41.5		0.7		
		PMZ	$m_b = 5.8$	2.0	0.23	SNY	25.9 6	eP	17 47 38.9		-2.8		
		PMZ	$m_b = 5.8$	4.0	0.56	BTO	26.0 342	eP	17 47 44.0		1.5		
		PcP	17 31 50.0	-0.4		GTA	29.2 327	eP	17 48 10.0		-2.0		
		ScP	17 35 35.0	-0.2				LE	$M_s = 4.6$		13.0	0.67	
		PcS	17 35 47.0	1.6				LZ	$M_s = 4.6$		14.0	1.03	
		S	17 37 28.0	-0.1		WMQ	38.9 322	eP	17 49 38.0		2.4		
		SME		6.0	1.11	-----							
		ScS	17 40 10.0	1.7		JUL 18d 20h 10m $21.6 \pm 0.04s, SD1.17 / 106$							
		LE		12.0	0.31	$12.63 N \pm 0.63km, 123.65 E \pm 0.88km, h33 \pm 0.10km$							
		LZ		37.0	0.80	Luzon (249)							
		+P	17 30 38.0	-0.1		$M_s 4.5 / 24, m_b 4.8 / 1, m_b 4.9 / 29$							
HHC	50.5 341	S	17 37 43.0	0.6		QZH	13.1 339	eP	20 13 31.0		2.2		
		SME		7.0	1.19			sS	20 16 10.0		3.9		
		ScS	17 40 20.0	4.7				LN	$M_s = 4.2$		15.0	1.03	
		LE		15.0	0.45			LZ	$M_s = 4.5$		16.0	2.97	
		LZ		24.0	0.94	QZN	14.7 297	eP	20 13 49.6		0.1		
CN2	50.6 355	+iP	17 30 37.6	-0.6				eS	20 16 34.0		1.6		
		PMZ	$m_b = 5.6$	1.0	0.070			SS	20 16 52.0		2.8		
		PcP	17 31 54.0	-0.3				LE	$M_s = 4.4$		12.0	1.20	
		S	17 37 49.0	6.1		SSE	18.5 353	+P	20 14 38.0		0.5		
		SMN		5.0	0.50			PMZ	$m_b = 4.5$		1.1	0.027	
		SME		5.0	0.20			S	20 18 02.0		2.9		
BTO	50.8 340	P	17 30 39.5	-0.7				LE	$M_s = 4.3$		14.0	0.78	
		ePP	17 32 35.0	-3.1				LZ	$M_s = 3.8$		20.0	0.46	
		iS	17 37 52.0	4.4		WHN	19.8 336	-P	20 14 53.0		0.9		
		LN		14.0	0.30			PMZ	$m_b = 4.7$		1.5	0.060	
		LE		14.0	0.60			pP	20 15 02.5		2.0		
MDJ	51.2 359	-iP	17 30 42.8	0.0				S	20 18 30.5		2.8		
		PMZ	$m_b = 5.6$	1.0	0.070			sS	20 18 44.0		3.7		
		iS	17 37 52.0	-0.4				LE	$M_s = 4.5$		18.0	1.31	
		SMN		8.0	0.60			LZ	$M_s = 4.0$		18.0	0.61	
LSA	52.4 316	P	17 30 52.4	-0.5		NJ2	19.8 348	-P	20 14 53.0		0.5		
		PMZ		3.0	0.27			PMZ	$m_b = 4.5$		1.0	0.023	
		iS	17 38 07.0	-3.7				S	20 18 34.0		5.6		
GTA	54.1 331	P	17 31 03.4	-1.1				LN	$M_s = 4.4$		13.0	0.55	
		PMZ	$m_b = 6.2$	2.0	0.66			LE			12.0	0.63	
		PcP	17 32 07.6	0.2				LZ	$M_s = 3.7$		20.0	0.32	
		ScP	17 36 00.0	5.2		GYA	21.1 313	P	20 15 06.0		0.3		
		S	17 38 29.0	-1.7				LN	$M_s = 4.6$		15.0	1.20	
WMQ	63.5 327	P	17 32 09.5	-0.5				LE			15.0	0.90	
		PcP	17 32 45.0	0.3		KMI	23.3 305	-P	20 15 28.5		0.3		
		ScP	17 36 36.5	-0.1				PMZ	$m_b = 5.2$		2.0	0.20	
		S	17 40 32.2	-1.0				eS	20 19 35.0		-0.2		
		SME		6.0	0.87			LE	$M_s = 4.5$		12.0	0.70	
		ScS	17 41 49.5	0.1				LZ	$M_s = 4.5$		17.0	1.20	
		LZ		18.0	1.06	TIA	24.2 347	eP	20 15 36.8		0.3		
KSH	68.3 317	-P	17 32 41.0	0.5		XAN	25.2 330	-P	20 15 45.0		-0.9		
		PP	17 35 08.0	-5.5				S	20 20 10.0		4.3		
		S	17 41 37.0	5.9				LN	$M_s = 4.4$		12.0	0.50	
-----						CD2	25.8 318	P	20 15 51.6		-0.6		
JUL 18d 17h 42m $10.3 \pm 0.09s, SD2.58 / 36$								eS	20 20 14.0		-3.6		
$16.02 N \pm 1.51km, 119.99 E \pm 1.91km, h31 \pm 0.23km$								LN	$M_s = 4.6$		13.0	0.90	
Luzon (249)						DL2	26.2 356	eP	20 15 55.6		-0.1		



				$M_S 4.6 / 40, M_L 4.9 / 3, m_B 5.4 / 4,$							
		esP	20 16 09.6	0.7		QZH	7.9 344 -iP	15 46 15.3	-1.4		
		S	20 20 25.0	2.0			S	15 47 40.5	-5.2		
		SMN		9.0	0.61		sS	15 47 54.0	-2.4		
		LZ	$M_S=4.1$	12.0	0.34		SMN	$M_L=4.6$	0.8	0.13	
TIY	26.9	340	+P	20 16 01.6	-0.5		SME		0.9	0.24	
		S	20 20 38.0	3.8			LN	$M_S=4.1$	14.0	1.77	
		LN	$M_S=4.6$	14.0	0.93		LZ	$M_S=4.2$	18.0	2.66	
		LZ	$M_S=4.7$	18.0	1.70		GZH	9.2 310 -P	15 46 31.4	-3.6	
BJI	28.1	348	eP	20 16 11.5	-1.2		S	15 48 14.0	-4.5		
		PMZ	$m_B=4.6$	1.0	0.012		LN	$M_S=4.8$	12.0	4.10	
		eS	20 20 55.0	1.1			LE		11.0	3.00	
		eSS	20 22 20.0	3.5			QZN	10.8 281 P	15 46 52.8	-3.9	
		LN	$M_S=4.4$	14.0	0.51		PMZ	$m_B=4.9$	0.8	0.020	
		LZ	$M_S=4.2$	20.0	0.60		S	15 48 50.3	-6.7		
SNY	29.1	360	eP	20 16 21.0	-0.6		LN	$M_S=4.5$	16.0	2.20	
		PMZ	$m_B=4.8$	1.2	0.022		LE		13.0	1.30	
		S	20 21 04.0	-5.1			SSE	13.7 1 P	15 47 35.0	-0.6	
		LE	$M_S=4.7$	13.0	0.86		PMZ	$m_B=4.9$	0.9	0.019	
		LZ	$M_S=4.4$	16.0	0.76		pP	15 47 40.0	-2.4		
LZH	29.4	326	eP	20 16 24.3	-0.2		sP	15 47 45.0	-2.0		
		PMZ	$m_B=5.1$	1.5	0.056		S	15 50 08.0	0.8		
		pP	20 16 34.0	0.5			eSS	15 50 26.0	2.8		
		eS	20 21 16.0	0.9			LE	$M_S=4.4$	13.0	1.27	
		LN	$M_S=4.6$	14.0	0.40		LZ	$M_S=4.3$	20.0	1.84	
		LE		17.0	0.70		WHN	14.5 336 eP	15 47 46.5	0.4	
		LZ	$M_S=4.5$	20.0	1.20		pP	15 47 51.5	-1.4		
HHC	30.0	342	P	20 16 29.8	-0.5		sP	15 47 56.5	-1.0		
		S	20 21 30.0	5.7			S	15 50 27.0	0.8		
		LN	$M_S=4.7$	15.0	0.63		sS	15 50 34.0	-3.4		
		LE		15.0	0.64		LN	$M_S=4.5$	12.0	1.15	
		LZ	$M_S=4.5$	14.0	0.83		LE		12.0	1.00	
BTO	30.3	339	eP	20 16 32.0	-0.8		LZ	$M_S=4.2$	18.0	1.21	
		eS	20 21 29.5	-0.3			NJ2	14.8 353 -P	15 47 51.0	1.1	
		LN	$M_S=4.8$	17.0	0.80		S	15 50 33.0	0.1		
		LE		17.0	1.10		LN	$M_S=4.7$	16.0	1.82	
CN2	31.1	3	P	20 16 39.0	-0.5		LE		15.0	2.17	
MDJ	32.3	8	+iP	20 16 50.0	0.1		LZ	$M_S=4.1$	18.0	1.13	
		PMZ	$m_B=5.1$	1.0	0.030		GYA	16.1 307 P	15 48 06.8	-0.7	
GTA	34.0	326	-P	20 17 04.0	-0.9		pP	15 48 14.6	0.3		
		LE	$M_S=4.5$	11.0	0.36		S	15 51 05.0	0.5		
		LZ	$M_S=4.5$	24.0	1.12		LN	$M_S=4.6$	12.0	1.20	
LSA	34.6	305	P	20 17 10.2	0.0		LE		12.0	1.00	
WMQ	43.8	322	P	20 18 26.0	-0.5		KMI	18.7 298 -P	15 48 41.5	1.3	
		sS	20 25 08.0	-2.1			PMZ	$m_B=4.8$	2.0	0.10	
		LZ	$M_S=4.8$	18.0	1.06		PMZ	$m_B=5.3$	6.0	1.00	
				JUL 19d 14h 02m 47.9 ± 0.06s, SD2.36 / 18							
				36.14 N ± 0.60km, 100.28 E ± 0.45km, h16 ± 0.19km							
				Qinghai Province (325)							
				$M_S 3.8 / 1, M_L 3.7 / 7,$							
LZH	2.9	90	Pn	14 03 36.0	2.0		TIA	19.1 350 eP	15 48 44.4	-0.1	
			Pg	14 03 40.5	1.5		S	15 52 19.2	6.9		
			Sn	14 04 14.0	3.9		LE	$M_S=4.4$	15.0	1.10	
			Sg	14 04 21.0	2.5		LZ	$M_S=4.4$	20.0	1.60	
			SMN	$M_L=4.1$	1.0	0.69	XAN	19.9 329 P	15 48 54.0	1.2	
			SME		1.4	0.78	S	15 52 36.0	6.9		
			LN		5.0	0.94	LN	$M_S=4.6$	12.0	0.82	
GTA	3.3	354	Pn	14 03 41.4	2.0		LE		13.0	0.95	
			Pg	14 03 47.0	1.1		CD2	20.7 314 P	15 49 02.0	0.0	
			Sg	14 04 28.2	-2.7		epP	15 49 11.5	1.5		
			SMN	$M_L=3.4$	0.8	0.073	eS	15 52 50.3	3.2		
			SME		0.8	0.16	LE	$M_S=4.7$	12.0	1.50	
XAN	7.4	104	Pn	14 04 36.5	0.8		LZ	$M_S=4.5$	14.0	1.30	
HHC	10.0	59	eP	14 05 12.6	-2.1		DL2	21.5 1 +P	15 49 09.0	-0.6	
				JUL 19d 15h 44m 21.1 ± 0.04s, SD1.43 / 148							
				17.35 N ± 0.77km, 121.05 E ± 0.82km, h30 ± 0.20km							
				Luzon (249)							
							TIY	21.6 341 +P	15 49 11.6	0.2	

LZH	25.1	325	eS	22 59	13.0	0.8			
			esS	22 59	28.0	1.0			
			LZ		$M_s=3.8$	20.0	0.30		
			P	22 55	09.0	0.1			
			PMZ		$m_b=5.4$	1.2	0.13		
			pP	22 55	16.5	-1.3			
			sP	22 55	23.0	1.1			
			esS	22 59	43.0	-0.8			
SNY	25.6	4	LN		$M_s=4.2$	15.0	0.43		
			LZ		$M_s=4.3$	17.0	0.70		
			-iP	22 55	12.8	-0.4			
HHC	25.9	343	PMZ		$m_b=4.9$	1.0	0.031		
			eP	22 55	15.0	-1.5			
BTO	26.2	340	eP	22 55	19.0	0.3			
			eS	22 59	47.0	0.6			
CN2	27.7	7	LN		$M_s=4.3$	13.0	0.30		
			LE			13.0	0.30		
			eP	22 55	31.5	-1.3			
MDJ	29.2	12	sP	22 55	46.5	0.5			
			eP	22 55	45.5	-0.3			
GTA	29.7	325	eP	22 55	50.5	-0.4			
			LE		$M_s=4.3$	15.0	0.42		
WMQ	39.5	321	LZ		$M_s=4.2$	24.0	0.64		
			P	22 57	15.0	0.1			
			PcP	22 59	22.0	0.0			
KSH	45.7	310	P	22 58	06.0	0.8			
			eS	23 04	47.0	1.3			

NJ2	8.9	163	eP	00 44	02.4	-0.2		
			S	00 45	42.0	-1.7		
SMN					$M_L=4.7$	1.1	0.083	
			SME			1.0	0.22	
			LN		$M_s=4.2$	7.0	0.59	
			LE			8.0	0.74	
WHN	10.2	187	eP	00 44	20.0	0.2		
			pP	00 44	26.5	1.5		
			LN		$M_s=4.1$	8.0	0.46	
SSE	10.5	154	LE			10.0	0.59	
			eP	00 44	22.5	-1.5		
			SMN			1.0	0.021	
LZH	10.5	248	SME			1.0	0.023	
			LE		$M_s=3.8$	12.0	0.49	
			eP	00 44	23.0	-1.5		
			pP	00 44	30.0	0.6		
MDJ	10.9	64	eSS	00 46	33.0	-2.7		
			LN		$M_s=4.6$	7.0	1.30	
			LE			7.0	0.90	
			LZ		$M_s=4.1$	10.0	0.90	
GTA	12.4	269	eP	00 44	29.0	-0.4		
			LN		$M_s=4.7$	7.0	1.88	
CD2	13.8	229	eP	00 44	47.7	-2.5		
			PMZ		$m_b=4.4$	1.0	0.0090	
			LN		$M_s=4.2$	8.0	0.58	
KMI	19.0	219	LZ		$M_s=4.0$	14.0	0.88	
			eP	00 45	10.4	1.2		
			LE		$M_s=4.6$	7.0	1.10	
			P	00 45	41.2	2.3		
WMQ	21.1	288	S	00 48	40.0	3.4		
			LN		$M_s=4.7$	8.0	0.60	
			LE			8.0	1.20	
QZN	22.2	195	eP	00 46	15.5	0.6		
			PMZ		$m_b=4.8$	2.5	0.11	
			sP	00 46	27.0	4.0		
			S	00 49	47.0	5.0		
GZH	9.7	314	LN		$M_s=4.6$	10.0	0.60	
			LE			12.0	1.10	
			LZ		$M_s=4.4$	12.0	1.10	
			+iP	00 46	38.0	0.4		
SSE	14.6	1	LZ		$M_s=4.2$	10.0	0.45	
			eP	00 46	49.2	0.6		
			eS	00 50	52.0	4.3		
QZH	8.8	346	LN		$M_s=4.5$	8.0	0.35	
			LE			9.0	0.51	
			P	07 25	03.0	0.4		

JUL 21d 00h 41m 50.8±0.04s, SD1.66 / 87
40.65 N±0.50km, 115.87 E±0.49km, h12±0.08km
North-Eastern China (658)
 $M_s4.5/20, M_L5.0/13, m_b4.6/16$

BJI	0.7	159	+Pg	00 42	03.5	0.9		
			Sg	00 42	12.0	0.4		
HHC	3.3	275	iPn	00 42	44.0	1.4		
			Pg	00 42	51.2	2.4		
			LN		$M_s=4.7$	6.0	3.76	
			LE			6.0	9.10	
TIY	4.0	223	LZ		$M_s=4.6$	8.0	7.61	
			+Pn	00 42	52.9	0.9		
			Pg	00 43	02.2	1.3		
			Sn	00 43	38.3	-2.1		
BTO	4.5	271	Sg	00 43	52.6	-2.6		
			SME		$M_L=5.0$	0.4	3.46	
			SME			0.4	2.41	
			ePn	00 43	01.1	2.3		
TIA	4.5	167	Pg	00 43	11.6	2.1		
			Sg	00 44	09.7	-0.8		
			SME			10.0	3.50	
			Pn	00 42	59.2	-0.6		
DL2	4.8	110	Pg	00 43	11.7	0.7		
			Sn	00 43	51.5	-3.1		
			Sg	00 44	08.9	-4.2		
			SMN		$M_L=4.3$	0.8	0.50	
SNY	5.9	76	SME			0.8	0.43	
			Pn	00 43	05.3	2.5		
			Pg	00 43	19.6	4.7		
			Sg	00 44	21.1	1.0		
XAN	8.6	222	SMN		$M_L=4.7$	1.2	1.20	
			SME			1.2	0.91	
			ePn	00 43	20.2	1.4		
			+Pg	00 43	39.6	4.2		
SSE	14.6	1	Sg	00 44	57.8	1.3		
			LN		$M_s=4.4$	7.0	1.82	
			LE			8.0	2.33	
			P	00 43	56.0	-2.5		
QZN	10.9	285	SMN		$M_L=5.0$	1.1	0.40	
			SME			1.0	0.24	
			P	07 27	08.0	-4.7		

JUL 21d 07h 23m 35.2±0.03s, SD1.25 / 234
16.41 N±0.62km, 120.93 E±0.75km, h25±0.09km
Luzon (249)
 $M_s5.6/60, M_L5.0/2, m_b5.8/21,$

QZH	8.8	346	eP	07 25	43.0	-0.5		
			PMZ		$m_b=5.6$	0.5	0.12	
GZH	9.7	314	S	07 27	22.0	-0.2		
			LE		$M_s=5.4$	16.0	28.5	
			LZ		$M_s=5.1$	20.0	21.4	
			eP	07 25	55.0	-2.1		
SSE	14.6	1	iS	07 27	46.0	-0.9		
			LN		$M_s=5.6$	12.0	26.2	
			LE			12.0	19.0	
			LZ		$M_s=5.1$	16.0	14.0	
QZN	10.9	285	eP	07 26	08.0	-4.7		
			LN		$M_s=5.4$	12.0	12.2	
			LE			15.0	12.4	
			P	07 27	03.0	0.4		
SSE	14.6	1	PMZ		$m_b=5.9$	8.0	1.90	
			pP	07 27	10.0	1.1		
			S	07 29	48.0	3.7		
			LN		$M_s=5.4$	15.0	6.68	

WHN	15.3	338	LE			14.0	12.0	SNY	25.4	5	S	07 33	15.0	0.3	International Seismological Centre			
			LZ	$M_s=4.8$		20.0	5.98				sS	07 33	28.0	-0.1				
			eP	07 27	12.5	1.1	SS				07 34	15.0	2.8					
			PMZ		$m_B=5.6$	6.0	1.46				LN		$M_s=6.1$	14.0		25.0		
			pP	07 27	19.5	1.7	LE						13.0	20.8				
			S	07 29	59.0	-1.2	LZ					$M_s=5.7$	15.0	19.1				
			SS	07 30	20.0	2.0	+iP				07 29	02.6	-0.3					
NJ2	15.7	353	LN			12.0	4.91	HHC	25.7	343	PMZ		$m_b=5.6$	1.4	0.21			
			LE			14.0	22.0				PMZ		$m_B=5.8$	6.0	1.45			
			LZ		$M_s=5.0$	18.0	7.28				pP	07 29	11.0	0.4				
			+P	07 27	17.0	0.6	PP				07 29	41.5	0.0					
			pP	07 27	25.0	2.2	iS				07 33	22.5	-3.5					
			S	07 30	06.5	-2.7	SMN						18.0	18.6				
			LN		$M_s=5.5$	14.0	3.24				sS	07 33	36.0	-2.7				
GYA	16.6	309	LE			15.0	15.9	BTO	25.9	341	LN		$M_s=5.8$	17.0	3.53			
			LZ		$M_s=4.8$	14.0	3.58				LE			13.0	14.3			
			-P	07 27	29.0	0.7	LZ					$M_s=5.5$	15.0	9.96				
			PMZ		$m_B=6.0$	4.0	2.80				P	07 29	06.2	0.9				
			pP	07 27	37.0	2.3	PMZ					$m_b=5.8$	1.0	0.23				
			S	07 30	37.0	6.4	PP				07 29	44.0	-0.5					
			LN		$M_s=5.7$	12.0	15.0				S	07 33	33.0	3.9				
KMI	19.1	300	LE			12.0	9.90	CN2	27.6	7	SMN			8.0	3.99			
			LZ		$M_s=5.0$	18.0	6.80				SME			8.0	4.15			
			-P	07 28	00.5	1.4	LN					$M_s=5.6$	15.0	5.03				
			PMZ			3.0	1.20				LE			16.0	10.6			
			PMZ		$m_B=6.0$	6.0	4.30				LZ		$M_s=5.5$	20.0	12.2			
			sP	07 28	11.0	1.5	P				07 29	07.0	-0.4					
			LN		$M_s=5.9$	11.0	17.6				sS	07 33	48.0	1.5				
TIA	20.0	351	LE			11.0	11.9	MDJ	29.1	13	LN		$M_s=5.6$	13.0	5.30			
			LZ		$M_s=5.5$	16.0	16.2				LE			13.0	7.60			
			eP	07 28	07.9	-1.3	+P				07 29	21.5	-1.2					
			eS	07 31	54.0	6.0	PMZ					$m_b=5.0$	1.0	0.030				
			LE		$M_s=5.5$	14.0	11.7				PMZ		$m_B=5.6$	4.0	0.50			
			P	07 28	14.5	-1.0	pP				07 29	30.5	0.1					
			S	07 32	03.0	3.9	eS				07 34	00.0	-1.0					
CD2	21.3	316	LN			14.0	19.2	GTA	29.4	325	ScP	07 36	17.0	-0.4	LSA	30.3	301	
			LE			14.0	25.7				LN		$M_s=5.4$	12.0				4.20
			P	07 28	22.0	-0.6	LE						12.0	2.20				
			eS	07 32	18.3	5.1	LZ					$M_s=5.1$	22.0	5.70				
			LN		$M_s=6.0$	12.0	27.4				+P	07 29	35.4	-0.6				
			LZ		$M_s=5.4$	14.0	11.1				pP	07 29	48.0	4.2				
			P	07 28	35.2	1.5	P				07 30	32.0	2.4					
DL2	22.4	1	PMZ			1.2	0.30	WMQ	39.2	321	eS	07 34	30.0	5.2	KSH	45.3	310	
			PMZ		$m_b=5.6$	6.0	1.80				LE		$M_s=5.6$	17.0				9.40
			S	07 32	38.0	4.9	LZ					$M_s=5.3$	20.0	7.46				
			SMN			8.0	3.00				P	07 29	39.8	0.5				
			SME			6.0	3.31				PMZ		$m_b=5.9$	2.0				0.44
			LE		$M_s=5.6$	12.0	10.7				S	07 34	32.0	2.4				
			LZ		$M_s=5.1$	14.0	4.80				LE		$M_s=5.8$	14.0				13.1
TIY	22.5	342	-P	07 28	35.0	0.4	0.070	WJH	45.3	310	LZ		$M_s=5.8$	16.0	16.0			
			PMZ		$m_b=5.0$	1.0					P	07 29	48.0	0.2				
			S	07 32	41.0	6.4					PP	07 30	40.0	-6.1				
			sS	07 32	47.0	-0.7					S	07 34	45.0	0.9				
			LN		$M_s=5.5$	13.0	7.68				ScS	07 40	24.0	3.5				
			LZ		$M_s=5.4$	14.0	9.17				LN		$M_s=5.0$	12.5	1.41			
			eP	07 28	48.5	0.3					LE			13.0	1.03			
BJI	23.9	351	PMZ			1.2	0.31	LZH	24.8	325	P	07 31	03.5	0.0				
			PMZ		$m_b=5.6$	5.0	2.05				pP	07 31	09.0	-2.4				
			esP	07 29	02.0	2.5					sP	07 31	12.5	-2.5				
			eS	07 32	59.0	-1.1					PP	07 32	36.0	-1.3				
			esS	07 33	14.0	1.3					PcP	07 33	16.0	3.7				
			LE		$M_s=5.5$	15.0	9.21				cS	07 37	05.0	2.6				
			LZ		$M_s=5.3$	18.0	9.69				LN		$M_s=6.0$	14.0	1.41			
LZH	24.8	325	-P	07 28	56.0	-1.1	1.20	KSH	45.3	310	LE			13.0	11.1			
			PMZ		$m_B=5.7$	4.0					LZ		$M_s=6.0$	18.0	18.6			
			pP	07 29	05.0	0.4					P	07 31	54.0	0.2				
			sP	07 29	07.5	-0.7					pP	07 32	04.0	2.3				
			PP	07 29	39.0	5.8					PP	07 33	34.0	-5.9				

eS	07 38 32.0	-0.8				eS	12 14 22.5	4.4		
<p>JUL 21d 07h 28m 33.0 ± 0.04s, SD1.15 / 30 1.86 N ± 0.52km, 128.35 E ± 0.64km, h210 ± 0.21km Djailolo Gilolo (Halmahera) (267) m_b4.9 / 11,</p>						LE	M _S =4.5	17.0	1.65	
BJI	39.6 345	eP	07 35 46.0	0.2		LZ	M _S =4.2	15.0	0.94	
		PMZ	m _b =5.1	1.0	0.061	HHC	18.9 336	eP	12 11 17.0	3.1
SNY	40.0 354	-P	07 35 49.8	0.4		LN	M _S =5.3	11.0	6.00	
GTA	45.5 329	-P	07 36 34.6	0.7		BTO	19.3 332	eP	12 11 20.0	1.5
						eS	12 14 53.0	3.2		
						LN	M _S =4.6	13.0	1.20	
						LE		12.0	0.50	
						LZH	19.6 312	eP	12 11 23.0	1.0
						PMZ	m _b =4.4	1.5	0.027	
						sP	12 11 30.0	-3.4		
						PP	12 11 39.0	-0.7		
						esS	12 15 10.0	2.6		
						LN	M _S =4.6	10.0	0.70	
						LE		12.0	0.90	
						LZ	M _S =4.5	14.0	1.40	
						CN2	20.1 8	+P	12 11 27.3	0.8
						PMZ	m _b =4.1	1.0	0.010	
						sP	12 11 37.5	-0.8		
						eS	12 15 09.0	3.2		
						LN	M _S =4.2	11.0	0.40	
						LE		11.0	0.10	
						LZ	M _S =4.2	12.0	0.60	
						MDJ	21.6 15	eP	12 11 42.0	-0.5
						GTA	24.1 315	eP	12 12 08.0	0.7
						S	12 16 22.0	2.2		
						LE	M _S =4.5	11.0	0.60	
						LZ	M _S =4.4	16.0	0.93	
						<p>JUL 21d 23h 31m 44.1 ± 0.05s, SD2.27 / 32 39.79 N ± 0.75km, 77.62 E ± 0.59km, h33 ± 0.05km Southern Xinjiang Province (321) M_L4.1 / 6, m_b4.3 / 10,</p>				
						KSH	1.3 259	-iPg	23 32 09.0	0.4
						Sg	23 32 28.0	0.8		
						SMN	M _L =3.9	0.3	1.70	
						SME		0.3	1.70	
						WMQ	8.5 59	-iP	23 33 48.5	-0.1
						S	23 35 24.6	0.1		
						GTA	17.1 84	eP	23 35 42.0	-0.7
						PMZ	m _b =4.2	0.8	0.0090	
						TIY	27.1 83	eP	23 37 29.0	2.3
						<p>JUL 21d 23h 58m 30.5 ± 0.08s, SD3.12 / 11 39.84 N ± 0.76km, 118.51 E ± 0.71km, h14 ± 0.02km North-Eastern China (658) M_L3.0 / 10,</p>				
						BJI	1.8 277	ePg	23 59 01.0	-1.5
						eSg	23 59 25.0	-2.1		
						SMN	M _L =2.6	0.5	0.079	
						SME		0.5	0.048	
						TIA	3.8 197	ePg	23 59 42.3	4.8
						TIY	5.2 248	ePg	24 00 02.9	0.4
						eSg	24 01 07.8	-5.6		
						SMN	M _L =3.2	0.6	0.030	
						SME		0.4	0.020	
						<p>JUL 22d 00h 06m 03.2 ± 0.04s, SD2.05 / 17 39.79 N ± 0.45km, 118.50 E ± 0.40km, h18 ± 0.10km North-Eastern China (658) M_L3.3 / 14,</p>				
						BJI	1.8 279	ePg	00 06 34.0	-1.3
						Sg	00 06 58.0	-2.0		
						SMN	M _L =3.1	0.5	0.18	
						SME		0.5	0.19	
						DL2	2.6 109	Pg	00 06 50.0	1.1
						TIA	3.7 197	Pg	00 07 11.7	2.5

JUL 22d 01h 26m 09.1±0.05s, SD1.43 / 123					M _S 5.0 / 57, m _B 5.6 / 21, m _b 5.4 / 106											
19.03 S±1.04km, 168.70 E±1.01km, h43±0.45km																
Vanuatu (New Hebrides)																
(186)																
m _b 5.2 / 18,																
SNY	4.4	60	SMN	M _L =2.9	0.4	0.030	QZH	8.8	345	eP	06 05 14.0	-0.1				
			SME		0.4	0.030			S	06 06 53.0	-1.0					
			ePn	00 07 11.0	1.9				LE	M _S =4.6		14.0	3.97			
			ePg	00 07 25.0	4.8				LZ	M _S =4.5		20.0	5.60			
			Sg	00 08 20.2	0.3		GZH	9.9	313	eP	06 05 26.8	-2.1				
			SMN	M _L =3.1	1.0	0.040			S	06 07 20.6	0.1					
			SME		1.0	0.031			LN	M _S =5.0		12.0	5.60			
TIY	5.2	248	ePn	00 07 21.9	1.5				LE			12.0	4.80			
			SMN	M _L =3.3	0.5	0.050			LZ	M _S =4.5		24.0	6.10			
			SME		0.4	0.020	QZN	11.0	285	eP	06 05 43.0	-2.1				
HHC	5.4	284	Pg	00 07 40.0	1.1				LN	M _S =5.1		13.0	8.60			
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JUL 22d 01h 26m 09.1±0.05s, SD1.43 / 123					SSE					14.6	0	eP	06 06 32.0	-0.7		
19.03 S±1.04km, 168.70 E±1.01km, h43±0.45km												PMZ	m _b =5.0		1.5	0.049
Vanuatu (New Hebrides)												pP	06 06 36.0	-1.4		
(186)												S	06 09 14.0	-1.1		
m _b 5.2 / 18,												sS	06 09 24.0	0.7		
NJ2	69.7	316	eP	01 37 16.0	-1.1				LN	M _S =4.9		14.0	1.49			
			pP	01 37 31.0	2.3				LE			14.0	3.56			
WHN	71.8	312	-eP	01 37 30.5	0.6				LZ	M _S =4.2		20.0	1.38			
			pP	01 37 43.0	1.5		WHN	15.4	337	eP	06 06 43.0	0.6				
MDJ	72.7	332	+P	01 37 35.0	-0.1				PMZ	m _B =5.4		6.0	1.17			
SNY	73.5	326	eP	01 37 35.8	-4.2				pP	06 06 50.5	3.3					
CN2	74.0	329	+P	01 37 42.3	-0.5				SS	06 09 52.0	1.6					
GYA	75.3	305	P	01 37 50.2	-0.1				LE	M _S =4.8		10.0	2.51			
			pP	01 38 03.0	1.3				LZ	M _S =4.5		20.0	2.50			
BJI	76.5	321	eP	01 37 56.5	-0.3		NJ2	15.7	353	-P	06 06 48.5	1.7				
			PMZ	m _b =5.3	2.0	0.083			S	06 09 40.0	-0.6					
			eS	01 47 37.0	-1.1				LE	M _S =4.8		12.0	2.54			
			LZ	M _S =4.7	20.0	0.36			LZ	M _S =4.1		18.0	0.91			
TIY	77.3	317	eP	01 38 02.6	0.7		GYA	16.7	309	P	06 07 02.0	1.7				
XAN	77.6	313	+P	01 38 03.2	-0.1				S	06 10 11.0	6.2					
KMI	77.7	302	+P	01 38 05.0	0.8				LN	M _S =5.0		14.0	4.10			
			PMZ	m _b =5.3	2.0	0.090			LE			14.0	2.10			
			pP	01 38 17.5	1.9				LZ	M _S =4.5		18.0	2.40			
CD2	79.7	308	eP	01 38 14.8	0.0		KMI	19.2	300	+P	06 07 34.5	3.4				
HHC	79.7	320	eP	01 38 15.6	0.5				PMZ	m _b =5.5		2.5	0.62			
LZH	82.2	312	+P	01 38 29.0	0.8				PMZ	m _B =6.0		6.0	3.90			
			PMZ	m _b =5.4	2.5	0.11			S	06 11 08.0	6.8					
			pP	01 38 42.0	2.4				LN	M _S =5.0		13.0	3.40			
			LZ	M _S =4.7	18.0	0.30			LZ	M _S =5.2		10.0	5.40			
GTA	86.6	314	eP	01 38 50.4	0.2		TIA	20.0	351	-P	06 07 40.7	0.8				
			PMZ	m _b =4.9	1.0	0.011			PMZ	m _b =5.1		1.4	0.12			
WMQ	96.7	314	eP	01 39 36.5	-0.5				LE	M _S =4.8		12.0	2.00			
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JUL 22d 03h 58m 34.6±0.03s, SD1.40 / 24					XAN					20.7	330	P	06 07 47.0	0.2		
38.06 N±0.46km, 74.18 E±0.42km, h174±0.32km												PMZ	m _B =5.6		4.0	1.09
Tadzhikistan												S	06 11 38.0	5.8		
(715)												LN	M _S =5.1		11.0	2.30
m _b 3.9 / 4,												LE			10.0	1.70
KSH	2.0	42	-iP	03 59 14.0	2.1		CD2	21.4	315	+iP	06 07 55.0	0.7				
			S	03 59 42.0	2.0				PMZ	m _b =5.5		1.0	0.22			
			SMN			0.5			PMZ	m _B =5.5		8.0	1.59			
			SME			0.5			pP	06 08 03.0	3.2					
WMQ	11.7	56	P	04 01 16.5	-1.3				PP	06 08 22.0	4.3					
			S	04 03 27.5	2.1				isS	06 11 55.2	-0.8					
GTA	20.0	78	eP	04 02 57.4	1.2				LN	M _S =5.2		12.0	4.36			
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JUL 22d 05h 43m 41.8±0.02s, SD1.73 / 5					DL2					22.4	1	-P	06 08 06.0	1.9		
45.82 N±0.21km, 85.30 E±0.13km, h8±0.06km												PMZ	m _b =5.4		1.5	0.26
Northern Xinjiang Province												PMZ			3.0	0.80
(332)												ePP	06 08 34.0	3.4		
M _L 2.9 / 5,												eS	06 12 08.0	2.8		
WMQ	2.6	139	ePn	05 44 26.0	1.0				SMN			8.0	3.01			
			Sg	05 45 01.0	-3.3				LE	M _S =5.1		13.0	3.46			
			SMN	M _L =2.6	0.6	0.034			LZ	M _S =5.0		15.0	4.21			
			SME		0.6	0.028	TIY	22.6	342	-P	06 08 07.9	2.3				
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JUL 22d 06h 03m 03.9±0.03s, SD1.26 / 297												PMZ	m _B =5.5		5.0	1.11
16.42 N±0.68km, 121.11 E±0.84km, h12±0.10km																
Luzon																
(249)																

BJI	23.9	351	LN	$M_s=4.9$	13.0	2.16	KSH	45.5	310	eS	06 16 37.0	1.2	SSE	28.2	316	eP	09 24 47.5	0.6					
			LZ	$M_s=4.8$	17.0	3.00				LZ	$M_s=5.2$	16.0				2.77	eS	06 11 27.0	1.6	eS	09 29 36.0	5.2	
			eP	06 08 20.0	1.1					P	06 18 07.0	0.4				LE	$M_s=5.2$	14.0	1.40	LE	$M_s=4.2$	10.0	0.21
			PMZ	$m_b=5.8$	1.6	0.51										LZ	$M_s=4.2$	20.0	0.64	LZ	$M_s=4.2$	20.0	0.64
			PMZ	$m_b=5.9$	4.0	1.64																	
LZH	24.9	325	eS	06 12 31.0	-1.1		JUL 22d 09h 18m $52.1 \pm 0.04s$, $SD1.29 / 133$ $12.03 N \pm 0.83km$, $143.78 E \pm 0.81km$, $h13 \pm 0.07km$ South of the Marianas (210) $M_s 4.3 / 2$, $m_b 5.2 / 36$,																
			esS	06 12 46.0	4.5		SSE			eP	09 25 28.0	-0.3											
			LN	$M_s=4.6$	12.0	0.95	WHN	32.9	309	eP	09 25 40.5	-2.2											
			LZ	$M_s=4.5$	18.0	1.47	SNY	34.5	333	eP	09 25 43.5	-0.4											
			+P	06 08 28.0	-0.6		MDJ	34.7	342	eP	09 26 04.0	0.1											
SNY	25.4	4	PMZ	$m_b=5.7$	1.5	0.41	BJI	37.0	324	eP	09 26 11.4	1.7											
			PMZ	$m_b=5.5$	8.0	1.25	TIY	37.9	318	eP	09 26 08.0	-3.5											
			sP	06 08 40.5	3.5		PMZ	$m_b=6.0$			0.1	0.030											
			PP	06 09 09.5	4.8		XAN	38.6	310	P	09 26 16.7	0.0											
			S	06 12 45.0	-3.0		HHC	40.3	321	eP	09 26 31.4	0.2											
HHC	25.7	343	sS	06 13 02.0	3.9		BTO	41.1	320	eP	09 26 39.2	1.3											
			SS	06 13 50.0	4.3		CD2	41.4	303	-iP	09 26 40.6	0.1											
			LN	$M_s=5.2$	15.0	3.40	GTA	47.4	313	P	09 27 29.0	0.1											
			LE		9.0	0.90	PMZ	$m_b=5.1$			1.0	0.028											
			LZ	$M_s=4.1$	20.0	0.57	WMQ	57.4	315	-iP	09 28 44.0	0.3											
BTO	25.9	340	+iP	06 08 32.8	-0.4		KSH	65.4	308	eP	09 29 38.0	0.7											
			PMZ	$m_b=5.5$	1.2	0.14	JUL 22d 09h 26m $14.6 \pm 0.03s$, $SD0.90 / 544$ $23.58 S \pm 0.80km$, $179.88 W \pm 0.76km$, $h532 \pm 0.25km$ South of Fiji (171) $m_b 5.8 / 34$, $m_b 5.7 / 99$,																
			PMZ		3.0	1.20	QZH	76.7	305	-iP	09 37 12.0	-0.6											
			sP	06 08 46.5	4.6		PMZ	$m_b=5.9$			4.0	2.23											
			S	06 12 57.0	0.4		pP	09 39 05.0	-0.4														
CN2	27.5	7	SMN		7.0	1.39	S	09 46 14.0	-1.4														
			SME		6.0	0.70	ScS	09 46 35.0	-2.0														
			LE	$M_s=5.0$	13.0	2.10	SSE	78.4	311	P	09 37 20.8	-0.8											
			LZ	$M_s=4.6$	16.0	1.52	PMZ	$m_b=5.2$			1.2	0.13											
			-P	06 08 37.1	0.9		PMZ	$m_b=5.4$			6.0	1.16											
MDJ	29.0	13	pP	06 08 40.0	-1.7		pP	09 39 14.0	-1.0														
			PP	06 09 19.0	3.7		PP	09 40 23.0	-6.3														
			S	06 13 05.0	3.5		S	09 46 32.0	-0.8														
			LN	$M_s=5.0$	13.0	1.41	SKS	09 46 45.0	3.9														
			LE		15.0	2.16	GZH	79.7	301	-P	09 37 29.6	0.7											
GTA	29.5	325	LZ	$M_s=4.7$	22.0	2.59	PMZ	$m_b=5.4$		1.0	0.18												
			P	06 08 39.0	0.6		PMZ	$m_b=6.0$		4.0	2.95												
			pP	06 08 48.0	4.1		S	09 46 46.0	-1.1														
			eS	06 13 04.5	-1.9		PMZ	$m_b=5.4$		1.0	0.16												
			sS	06 13 20.0	4.3		PMZ	$m_b=5.6$		5.0	1.50												
LSA	30.5	301	LN	$M_s=5.0$	14.0	1.70	pP	09 39 27.0	-0.1														
			LE		12.0	1.30	PP	09 40 44.0	-3.0														
			+P	06 08 51.2	-1.7		iS	09 46 56.0	-0.7														
			PMZ	$m_b=5.2$	1.0	0.050	QZN	80.6	295	P	09 37 34.0	0.8											
			PMZ	$m_b=5.5$	4.0	0.40	PMZ	$m_b=4.9$		0.9	0.050												
WMQ	39.3	321	pP	06 09 02.0	3.4		PMZ	$m_b=5.5$		5.0	1.03												
			LN	$M_s=4.9$	11.0	1.00	pP	09 39 26.5	-0.8														
			LE		11.0	0.80	sP	09 40 23.5	3.3														
			LZ	$M_s=4.7$	15.0	1.50	S	09 46 54.0	-1.4														
			+P	06 09 05.5	-0.6		MDJ	82.1	326	-iP	09 37 40.6	-0.2											

LZH	25.2 326	epP	09 59 02.0	-2.2				TIA	19.9 351	+P	11 24 41.0	-0.2				
		eS	10 03 09.0	2.7							PMZ		$m_b = 5.3$	17.0	2.35	
		-P	09 59 01.5	0.1							LN		$M_S = 4.7$			
		PMZ		$m_b = 5.2$	1.5	0.095		XAN	20.6 330	+P	11 24 48.0	-0.3				
		pP	09 59 10.0	-2.4							PMZ		$m_b = 5.5$	5.5	1.40	
		PP	09 59 40.0	0.4							S	11 28 29.5	-1.7			
		eS	10 03 23.0	1.9							LN		$M_S = 4.9$	14.0	2.10	
		LN		$M_S = 4.8$	14.0	1.20					LE			14.0	1.80	
		LE			14.0	1.10			CD2	21.3 315	+iP	11 24 56.0	0.1			
		LZ		$M_S = 4.6$	35.0	3.00					PMZ		$m_b = 5.7$	1.0	0.38	
SNY	25.9 4	+P	09 59 06.8	-0.6						PMZ		$m_b = 5.5$	8.0	1.90		
		PMZ		$m_b = 4.7$	0.8	0.014				eS	11 28 46.0	-0.3				
HHC	26.1 344	eP	09 59 12.5	2.7						LN		$M_S = 5.1$	11.0	3.09		
BTO	26.4 341	eP	09 59 12.6	0.7						LZ		$M_S = 4.7$	18.0	2.65		
CN2	28.0 7	eP	09 59 27.0	0.0				DL2	22.3 1	eP	11 25 05.0	-0.4				
MDJ	29.5 13	eP	09 59 38.3	-1.7						PMZ		$m_b = 5.2$	1.4	0.15		
GTA	29.8 326	-P	09 59 42.4	-0.8						PMZ		$m_b = 5.5$	5.0	1.06		
		PMZ		$m_b = 4.8$	1.0	0.020				pP	11 25 10.0	-4.3				
WMQ	39.6 321	eP	10 01 07.5	0.6						eS	11 29 08.0	4.1				
<p>JUL 22d 11h 20m 09.2 ± 0.03s, SD1.19 / 251 16.53 N ± 0.66km, 121.10 E ± 0.82km, h33 ± 0.11km Luzon (249) $M_S 4.8 / 50, M_L 4.6 / 1, m_b 5.7 / 24,$</p>																
QZH	8.7 345	eP	11 22 15.5	-0.2												
		S	11 23 53.0	-0.5												
		LN		$M_S = 4.5$	16.0	3.33										
		LE			16.0	3.02										
GZH	9.8 313	-P	11 22 29.0	-1.8												
		S	11 24 14.0	-6.6												
		LN		$M_S = 4.8$	13.0	3.90										
		LE			15.0	3.80										
QZN	11.0 285	LZ		$M_S = 4.7$	20.0	8.50										
		eP	11 22 44.6	-3.1												
		LN		$M_S = 4.8$	13.0	2.40										
		LE			15.0	4.60										
SSE	14.5 0	P	11 23 33.0	-1.1												
		PMZ		$m_b = 5.0$	1.2	0.033										
		PMZ		$m_b = 5.4$	8.0	0.53										
		pP	11 23 38.0	-3.3												
		SS	11 26 32.0	0.7												
		LN		$M_S = 4.7$	14.0	0.99										
		LE			14.0	2.27										
		LZ		$M_S = 4.3$	20.0	2.00										
		WHN	15.3 337	-iP	11 23 43.5	-0.5										
				PMZ		$m_b = 5.5$	6.0	1.17								
sP	11 23 55.5			-0.5												
SS	11 26 52.0			2.1												
LN				$M_S = 4.7$	14.0	1.00										
LE					14.0	2.67										
NJ2	15.6 353	LZ		$M_S = 4.5$	16.0	2.38										
		+P	11 23 48.0	-0.3												
		eS	11 26 40.0	-0.3												
		LE		$M_S = 4.5$	13.0	1.59										
GYA	16.7 309	LZ		$M_S = 4.4$	18.0	1.81										
		P	11 24 03.4	1.3												
		PMZ		$m_b = 5.8$	4.0	1.90										
		pP	11 24 11.0	1.6												
		S	11 27 10.0	5.3												
		LN		$M_S = 4.8$	14.0	1.50										
KMI	19.2 300	LE			14.0	2.30										
		LZ		$M_S = 4.5$	18.0	2.10										
		+P	11 24 34.5	1.4												
		PMZ		$m_b = 5.5$	2.5	0.64										
		PMZ		$m_b = 6.0$	5.0	3.80										
		LN		$M_S = 5.0$	12.0	2.20										
BTO	25.8 340	LE			12.0	1.90										
		LZ		$M_S = 5.1$	16.0	6.20										
HHC	25.6 343															
CN2	27.4 7	+P	11 25 52.8	-1.6												



JUL 22d 18h 17m 56.7 ± 0.04s, SD0.86 / 207				JUL 22d 22h 28m 37.3 ± 0.11s, SD2.23 / 5										
53.06 N ± 0.59km, 144.26 E ± 0.61km, h20 ± 0.11km				47.16 N ± 0.54km, 82.93 E ± 0.72km, h10 ± km										
Sakhalin (662)				Kazakhstan-Xinjiang border region (331)										
M _S 5.0 / 30, m _B 5.2 / 1, m _b 4.9 / 77				M _L 3.3 / 5,										
MDJ	12.8	235	eP	18 21 02.0	1.0			LN	M _S = 5.2	13.0	1.60			
			pP	18 21 08.0	1.5			LE		12.0	1.40			
			LN		M _S = 4.8	10.0	2.52	LZ	M _S = 5.2	14.0	2.40			
			LZ		M _S = 4.5	12.0	2.08	GTA	33.1	264	+IP	18 24 34.4	0.4	
CN2	15.5	241	P	18 21 35.2	-1.1			PMZ		m _B = 5.5	1.2	0.098		
			PMZ		m _b = 5.2	1.0	0.10	pP	18 24 39.8		-1.0			
			pP	18 21 42.0	0.1			S	18 29 51.0		1.0			
			eS	18 24 28.0	-0.1			LE		M _S = 5.1	10.0	1.57		
			LN		M _S = 4.6	12.0	1.30	LZ		M _S = 5.1	12.0	2.41		
			LE			12.0	0.80	CD2	36.7	249	eP	18 25 04.2	-0.5	
			LZ		M _S = 4.6	12.0	2.10	WMQ	37.7	279	-IP	18 25 14.5	0.9	
SNY	17.9	239	-P	18 22 09.0	2.8			eS	18 31 10.0		7.0			
			PMZ		m _b = 5.1	1.2	0.12	LZ		M _S = 4.9	14.0	1.18		
			pP	18 22 14.5	2.4			GYA	38.6	241	P	18 25 20.0	-0.5	
			eS	18 25 27.0	4.4			pP	18 25 26.0		-1.4			
			sS	18 25 36.0	3.9			KMI	41.7	245	+P	18 25 46.5	-0.2	
			LN		M _S = 4.8	11.0	1.54	PMZ		m _b = 5.4	1.6	0.10		
			LE			11.0	1.55	eS	18 32 03.0		0.1			
			LZ		M _S = 4.9	12.0	3.38	LN		M _S = 5.2	10.0	1.00		
BJI	23.1	247	eP	18 23 02.0	-0.9			LE			10.0	0.60		
			PMZ		m _b = 5.0	1.3	0.086	LZ		M _S = 5.1	12.0	1.70		
			eS	18 27 10.5	1.4			JUL 23d 00h 48m 58.3 ± 0.03s, SD1.36 / 205						
			LN		M _S = 5.2	10.0	1.61	16.41 N ± 0.83km, 120.65 E ± 0.90km, h21 ± 0.24km						
			LE			10.0	2.29	Luzon (249)						
			LZ		M _S = 5.1	12.0	3.92	M _S 5.6 / 62, m _B 5.6 / 29, m _b 5.2 / 54						
HHC	25.2	254	P	18 23 23.4	0.2			WMQ	4.7	133	ePn	22 29 49.8	0.5	
			SME			11.0	0.36	Sg			22 30 59.8	-5.9		
			LN		M _S = 5.3	10.0	2.51	SMN		M _L = 3.1	0.5	0.030		
			LE			10.0	2.85	SME			0.5	0.020		
			LZ		M _S = 5.4	12.0	6.10	JUL 23d 00h 48m 58.3 ± 0.03s, SD1.36 / 205						
TIA	25.4	239	-P	18 23 25.0	0.1			16.41 N ± 0.83km, 120.65 E ± 0.90km, h21 ± 0.24km						
			PMZ		m _b = 4.9	1.4	0.045	Luzon (249)						
			LE		M _S = 4.6	12.0	0.90	M _S 5.6 / 62, m _B 5.6 / 29, m _b 5.2 / 54						
BTO	26.3	256	P	18 23 34.0	0.8			QZH	8.7	348	eP	00 51 06.0	-0.2	
			pP	18 23 40.0	0.2			S			00 52 43.0	-1.6		
			S	18 28 03.0	1.3			sS			00 52 51.0	-3.6		
			LN		M _S = 5.5	11.0	2.80	LE		M _S = 5.1	12.0	12.4		
			LE			11.0	5.00	LZ		M _S = 5.1	14.0	14.2		
TIY	26.8	248	eP	18 23 38.0	-0.3			GZH	9.6	315	-P	00 51 18.3	0.2	
			PMZ		m _b = 4.9	1.0	0.030	S			00 53 07.0	1.2		
			S	18 28 15.0	4.0			LN		M _S = 5.6	12.0	25.6		
			LN		M _S = 5.2	11.0	2.22	LE			12.0	19.3		
			LE			11.0	2.05	LZ		M _S = 4.8	20.0	9.90		
			LZ		M _S = 5.3	12.0	4.82	QZN	10.6	286	eP	00 51 28.2	-4.5	
SSE	27.6	227	eP	18 23 45.0	-0.3			S			00 53 25.5	-6.3		
			pP	18 23 49.0	-3.2			LN		M _S = 5.3	14.0	10.8		
			SS	18 29 40.0	-2.5			LE			17.0	16.6		
			LN		M _S = 4.6	10.0	0.38	SSE	14.6	2	P	00 52 27.0	0.7	
			LE			10.0	0.41	PMZ		m _b = 4.8	1.5	0.030		
			LZ		M _S = 4.1	20.0	0.46	PMZ		m _B = 5.8	6.0	1.16		
NJ2	27.9	231	-P	18 23 46.5	-1.1			sP	00 52 38.3		2.2			
			eS	18 28 30.0	1.5			S	00 55 09.0		0.7			
			LN		M _S = 4.9	15.0	1.08	sS	00 55 22.0		3.8			
			LE			14.0	1.47	SS	00 55 28.0		2.8			
			LZ		M _S = 4.2	14.0	0.45	LN		M _S = 5.3	16.0	3.12		
WHN	31.3	236	eP	18 24 17.5	-0.7			LE			14.0	10.7		
			pP	18 24 23.2	-1.9			LZ		M _S = 4.7	20.0	4.41		
XAN	31.5	247	P	18 24 18.5	-1.2			WHN	15.2	339	eP	00 52 34.0	0.2	
LZH	32.9	255	+P	18 24 32.0	-0.3			PMZ		m _B = 5.4	4.0	0.68		
			PMZ		m _b = 5.1	1.6	0.053	sP	00 52 40.5		-3.2			
			pP	18 24 38.0	-1.1			S	00 55 18.0		-3.9			
			sP	18 24 45.5	3.2			SS	00 55 38.0		-1.4			
			eS	18 29 48.0	-0.3			LN		M _S = 5.6	14.0	11.6		
								LE			14.0	16.4		
								LZ		M _S = 5.0	16.0	6.53		
								NJ2	15.7	354	+P	00 52 40.0	0.3	



		S	00 55 36.0	3.5				S	00 58 48.0	-1.7						
		LN		$M_s=5.3$	14.0	8.10		LN		$M_s=5.6$	12.5	2.55				
		LE			13.0	6.36		LE			12.5	8.27				
GYA	16.4 310	P	00 52 49.0	-0.4			HHC	25.6 344	P	00 54 29.2	0.9					
		PMZ		$m_b=5.7$	4.0	1.40		PMZ		$m_b=5.8$	1.4	0.30				
		pP	00 52 53.4	-1.7				pP	00 54 34.0	-1.1						
		PP	00 53 02.6	0.3				PcP	00 58 02.0	3.0						
		S	00 55 50.6	0.8				S	00 58 54.0	2.1						
		LN		$M_s=5.7$	13.0	18.7		sS	00 59 08.5	4.1						
		LE			13.0	9.60		LN		$M_s=5.1$	15.0	3.14				
KMI	18.9 300	LZ		$M_s=4.9$	18.0	5.30		LE			12.0	1.20				
		-P	00 53 20.0	0.0			BTO	25.8 341	P	00 54 31.0	0.7					
		PMZ			3.0	0.30		ePP	00 55 11.0	1.1						
		PMZ		$m_b=6.0$	7.0	4.80		S	00 58 57.0	1.5						
		LN		$M_s=5.6$	12.0	9.90		SS	01 00 01.0	0.5						
		LE			12.0	8.20		LN		$M_s=5.6$	16.0	7.00				
TIA	20.0 352	LZ		$M_s=5.4$	18.0	16.1		LE			12.0	7.30				
		-P	00 53 32.7	0.2			CN2	27.6 8	eP	00 54 49.6	2.9					
		LN		$M_s=5.5$	14.0	4.77		pP	00 54 55.0	1.3						
		LE			12.0	8.40		eS	00 59 29.0	3.3						
		LZ		$M_s=5.0$	16.0	4.93		LN		$M_s=5.5$	12.0	5.10				
XAN	20.5 331	P	00 53 37.5	-0.4				LE			12.0	2.30				
		PMZ		$m_b=5.3$	7.0	1.00		LZ		$M_s=5.1$	19.0	4.60				
		S	00 57 24.0	3.1			MDJ	29.1 13	eP	00 54 59.0	-1.2					
		LN		$M_s=5.7$	13.5	10.4		S	00 59 55.0	6.0						
		LE			13.5	10.9		LN		$M_s=5.5$	16.0	6.77				
CD2	21.1 316	-iP	00 53 44.0	-0.5				LZ		$M_s=5.0$	24.0	4.03				
		PMZ		$m_b=5.6$	8.0	2.22		GTA	29.3 326	P	00 55 01.4	-0.3				
		PP	00 54 05.2	-1.8				PMZ		$m_b=5.3$	8.0	0.44				
		eS	00 57 29.5	-4.3				S	00 59 48.0	-3.3						
		sS	00 57 40.1	-4.7				LE		$M_s=5.6$	14.0	8.14				
		LN		$M_s=5.6$	10.0	9.22		LZ		$M_s=5.5$	16.0	9.91				
		LZ		$M_s=5.4$	10.0	7.04		P	00 55 09.8	0.3						
TIY	22.4 343	-P	00 53 58.6	1.1			LSA	30.1 301	cS	01 00 08.0	1.6					
		PMZ		$m_b=5.6$	6.0	1.52		ScS	01 05 48.0	4.3						
		sS	00 58 05.0	-4.3				LN		$M_s=5.1$	10.0	1.52				
		LN		$M_s=5.4$	12.0	4.06		eP	00 56 26.5	0.6						
		LE			13.0	5.51		pP	00 56 36.5	3.4						
		LZ		$M_s=5.3$	18.0	8.63		sP	00 56 38.0	1.7						
DL2	22.4 2	P	00 54 00.0	2.5			WMQ	39.0 321	PP	00 57 58.0	-1.1					
		PMZ		$m_b=5.7$	7.0	2.10		S	01 02 28.0	5.1						
		S	00 58 04.0	6.7				LN		$M_s=6.0$	13.0	8.05				
		LN		$M_s=5.6$	15.0	3.73		LE			15.0	9.56				
		LE			14.0	9.90		LZ		$M_s=5.6$	20.0	9.73				
		LZ		$M_s=5.0$	16.0	3.91		P	00 57 17.0	1.1						
BJI	23.9 351	eP	00 54 12.0	0.5			KSH	45.1 310	PP	00 59 06.0	4.5					
		PMZ		$m_b=5.7$	2.0	0.55		S	01 03 55.5	2.8						
		PMZ		$m_b=6.0$	4.0	2.64		sS	01 04 05.0	-1.0						
		eS	00 58 24.0	0.5				LE		$M_s=5.8$	11.0	4.80				
		esS	00 58 34.0	-1.0				LZ		$M_s=5.7$	18.0	7.40				
		LE		$M_s=5.3$	16.0	5.82		<hr/> <p>JUL 23d 01h 26m $32.5 \pm 0.23s$, $SD1.85 / 5$ $34.55 N \pm 1.03km$, $121.42 E \pm 1.36km$, $h10 \pm 0.11km$ Eastern China $M_L3.1 / 4$, (664)</p>								
		LZ		$M_s=5.1$	16.0	4.66										
LZH	24.7 326	-P	00 54 20.5	1.1			NJ2					3.3 222	+Pg	01 27 29.8	-0.9	
		PMZ		$m_b=5.2$	2.5	0.24						Sg	01 28 11.8	-3.8		
		PMZ		$m_b=5.4$	8.0	1.25						SMN		$M_L=3.3$	0.4	0.11
		pP	00 54 26.0	-0.2			SME							0.4	0.070	
		sP	00 54 29.5	0.0			<hr/> <p>JUL 23d 02h 36m $41.5 \pm 0.05s$, $SD1.81 / 52$ $36.14 N \pm 0.61km$, $100.20 E \pm 0.49km$, $h13 \pm 0.11km$ Qinghai Province $M_S3.9 / 6$, $M_L3.9 / 8$, $m_b4.4 / 9$ (325)</p>									
		PP	00 54 59.5	4.6												
		eS	00 58 37.0	-0.4												
		sS	00 58 48.0	-0.5												
		SS	00 59 34.0	1.5												
		LN		$M_s=5.9$	11.0	5.50										
		LE			15.0	17.3										
		LZ		$M_s=5.3$	20.0	9.10										
SNY	25.5 5	+P	00 54 26.0	-0.8							LZH	2.9 90	Pg	02 37 34.0	0.2	
		PMZ		$m_b=5.3$	1.2	0.092						Sg	02 38 13.0	-0.9		
		PMZ		$m_b=5.8$	5.5	1.30										
		sP	00 54 36.5	-0.7												

			SMN		$M_L = 4.5$	0.8	1.56				sS	07 29 04.0	2.3		
			SME			1.0	2.08				LE	$M_S = 4.3$	16.0	0.94	
			LN			5.0	2.39	NJ2	16.7	352	+P	07 25 53.5	-0.2		
GTA	3.3	355	Pg	02 37	43.2	3.5					eS	07 29 00.0	3.0		
			Sn	02 38	18.6	4.7					LZ	$M_S = 3.7$	20.0	0.37	
			Sg	02 38	26.2	1.8			GYA	17.6	311	P	07 26 08.0	2.1	
			SMN								LN	$M_S = 4.1$	16.0	0.50	
			SME								LE		16.0	0.40	
			LN					KMI	20.0	302	-P	07 26 37.5	3.2		
			LE								S	07 30 18.0	6.1		
			LZ								LZ	$M_S = 4.2$	20.0	1.00	
XAN	7.4	104	Pn	02 38	29.6	-0.7			TIA	21.0	350	+P	07 26 43.7	-0.6	
			Pg	02 38	57.6	4.7					PMZ	$m_b = 4.9$	1.2	0.065	
			Sg	02 40	35.0	0.3			XAN	21.7	331	P	07 26 50.5	-0.6	
			SMN								S	07 30 46.0	2.4		
			LN								LE	$M_S = 4.4$	16.0	0.97	
TIY	9.9	77	eP	02 39	04.5	-2.7			CD2	22.3	316	eP	07 26 57.0	-0.7	
			LN								eS	07 31 03.0	6.3		
HHC	10.1	59	P	02 39	10.2	0.9					LN	$M_S = 4.7$	16.0	1.56	
			SMN								LZ	$M_S = 4.3$	18.0	1.00	
			SME						TIY	23.5	342	eP	07 27 10.2	0.7	
GYA	11.1	148	P	02 39	22.6	-1.0					S	07 31 22.5	5.3		
WMQ	12.3	312	P	02 39	37.0	-2.2					sS	07 31 31.5	-1.1		
			S	02 41	56.5	0.1					LN	$M_S = 4.5$	19.0	1.06	
BJI	13.2	68	P	02 39	51.5	0.3					LZ	$M_S = 4.3$	20.0	1.00	
CN2	20.8	61	eP	02 41	25.0	0.1			BJI	24.9	350	eP	07 27 22.0	-0.5	

JUL 23d 05h 27m $07.9 \pm 0.04s$, SD1.23 / 200															
9.52 N $\pm 0.91km$, 84.52 W $\pm 0.90km$, $h28 \pm 0.04km$															
Off coast of Costa Rica (77)															
$M_S 5.8 / 1$, $m_b 6.2 / 1$, $m_b 5.1 / 35$															
WMQ	126.5	7	ePKP	05 46	12.1	2.4					PMZ	$m_b = 5.2$	1.0	0.085	
BJI	127.1	340	ePKP	05 46	13.5	2.7					eS	07 31 41.0	-0.1		
HHC	127.7	345	ePKP	05 46	13.0	0.8					LZ	$M_S = 4.1$	21.0	0.61	
			LZ						LZH	25.9	326	-P	07 27 32.0	0.1	
											PMZ	$m_b = 4.7$	2.0	0.039	
GTA	131.2	356	ePKP	05 46	18.6	-0.2					pP	07 27 42.0	1.3		
SSE	132.7	330	ePKP	05 46	20.0	-1.5					sP	07 27 50.0	5.1		
			PP	05 48	48.0	-0.6					PP	07 28 11.0	-1.1		
			PKS	05 49	52.0	-3.2					eS	07 31 58.0	0.4		
NJ2	133.0	333	ePKP	05 46	21.5	-0.6					esS	07 32 14.0	1.7		
			LZ						SNY	26.3	3	-P	07 27 35.0	-0.7	
											PMZ	$m_b = 5.0$	1.2	0.043	
LZH	134.0	351	ePKP	05 46	24.0	-0.1			HHC	26.7	343	eP	07 27 39.0	-0.6	
			sPKP	05 46	33.0	-2.1			BTO	26.9	340	eP	07 27 41.0	-0.7	
			PKS	05 49	58.5	0.9					pP	07 27 48.0	-2.7		
XAN	134.8	344	PKP	05 46	26.3	0.7					eS	07 32 17.0	2.0		
GYA	142.6	343	PKP	05 46	40.0	0.3			CN2	28.4	6	eP	07 27 56.0	1.0	
KMI	144.8	349	+PKP	05 46	44.0	0.4			MDJ	29.8	12	eP	07 28 07.2	-0.4	
			sPKP	05 46	58.0	3.5			WMQ	40.3	321	eP	07 29 39.0	2.1	
			PP	05 50	05.0	1.5			-----						
			PPMZ						JUL 23d 08h 41m $32.5 \pm 0.05s$, SD1.85 / 59						
QZN	148.3	333	ePKP	05 46	46.2	-3.0			39.84 N $\pm 0.59km$, 118.58 E $\pm 0.56km$, $h28 \pm 0.10km$						
			pPKP	05 46	56.7	-0.4			North-Eastern China (658)						
			PP	05 50	25.0	0.9			$M_S 3.9 / 8$, $M_L 4.6 / 21$, $m_b 4.3 / 8$						

JUL 23d 07h 22m $01.0 \pm 0.04s$, SD1.44 / 82															
15.49 N $\pm 0.71km$, 121.51 E $\pm 0.87km$, $h33 \pm 0.13km$															
Luzon (249)															
$M_S 4.3 / 13$, $m_b 4.7 / 17$,															
QZH	9.8	344	eP	07 24	25.0	2.3			BJI	1.9	277	+iPn	08 42 02.0	-1.0	
			eS	07 26	16.0	3.4					Pg	08 42 04.0	-1.7		
			LE								Sg	08 42 28.0	-3.4		
											LZ		8.0	8.53	
QZN	11.7	289	eP	07 24	46.0	-2.5			DL2	2.5	111	-iPn	08 42 13.2	0.9	
			LN								Pg	08 42 21.6	4.0		
											Sg	08 42 52.0	-0.5		
SSE	15.5	359	eP	07 25	42.0	2.6					SMN	$M_L = 4.1$	0.6	1.02	
			LE								SME		0.6	1.28	
			LZ						TIA	3.8	198	ePn	08 42 28.3	-1.5	
											Pg	08 42 41.7	1.9		
WHN	16.4	338	eP	07 25	51.7	1.8					Sn	08 43 10.8	-4.4		
			sP	07 26	02.2	0.1					Sg	08 43 25.5	-6.5		
											SMN	$M_L = 4.0$	0.6	0.30	
											SME		0.9	0.40	
									SNY	4.3	61	Pn	08 42 37.4	1.2	

		Pg	08 42	50.7	2.5				KMI	51.1	308	+P	11 06	30.0	-0.4			
		Sg	08 43	48.8	2.1				MDJ	51.1	345	eP	11 06	29.5	-0.8			
		SMN		$M_L=4.5$	1.0	1.08			CN2	51.6	341	eP	11 06	33.0	-0.6			
		SME			1.0	0.80						eS	11 13	48.0	-3.2			
TIY	5.3	248	-Pn	08 42	50.2	0.4						LN		$M_S=4.9$	16.0	0.50		
			+iPg	08 43	09.4	4.0						LE			16.0	0.50		
			Sg	08 44	13.4	-3.9						LZ		$M_S=4.8$	20.0	0.90		
			SMN		$M_L=4.4$	0.7	0.48		XAN	51.8	321	+P	11 06	35.0	-0.3			
			SME			0.8	0.24		BJI	52.1	331	eP	11 06	37.0	-0.5			
			LZ		$M_S=3.8$	15.0	1.42					PMZ		$m_b=5.1$	2.2	0.060		
HHC	5.5	283	Pn	08 42	54.5	1.9						epP	11 06	48.0	1.6			
			+Pg	08 43	10.0	1.0						eS	11 13	56.0	-2.2			
			Sg	08 44	24.6	1.0						LZ		$M_S=4.8$	20.0	0.90		
			SMN		$M_L=4.8$	1.0	0.79		TIY	52.2	327	eP	11 06	39.5	0.7			
			SME			1.0	0.90					PMZ		$m_b=5.1$	0.8	0.020		
CN2	6.5	50	Pg	08 43	30.6	3.6						S	11 14	02.0	2.6			
			Sn	08 44	19.3	-2.0						LE		$M_S=4.9$	20.0	0.73		
			Sg	08 44	56.0	0.5						LZ		$M_S=5.3$	7.0	1.10		
			SMN		$M_L=5.0$	1.0	1.07		CD2	53.4	314	eP	11 06	46.8	-0.3			
			SME			1.0	0.57					eS	11 14	16.0	0.1			
BTO	6.6	279	Pg	08 43	30.0	0.6						LZ		$M_S=4.5$	20.0	0.47		
			Sg	08 44	58.4	-1.0			HHC	55.0	329	eP	11 07	00.6	1.5			
			SMN		$M_L=4.4$	0.8	0.23					LE		$M_S=5.1$	20.0	1.16		
			SME			0.8	0.19		BTO	55.6	328	P	11 07	04.0	0.3			
NJ2	7.8	178	ePn	08 43	28.0	3.7						S	11 14	44.0	-1.0			
			LN		$M_S=3.7$	13.0	0.66					LN		$M_S=5.0$	16.0	0.50		
			LZ		$M_S=3.3$	20.0	0.37					LE			16.0	0.50		
WHN	9.9	202	eP	08 43	57.0	0.8						LZH	56.3	320	+P	11 07	09.5	0.8
			LN		$M_S=3.9$	10.0	0.49					PMZ		$m_b=5.6$	2.0	0.18		
			LZ		$M_S=4.3$	8.0	0.85					PMZ		$m_b=5.6$	6.0	0.43		
LZH	12.2	257	eP	08 44	25.6	-2.4						PP	11 09	14.5	-0.3			
			LE		$M_S=4.2$	13.0	1.20					eS	11 14	52.0	-3.7			
			LZ						GTA	60.8	321	+iP	11 07	40.2	-0.1			
GTA	14.5	274	eP	08 44	58.9	1.1						PMZ			3.0	0.43		
			SMN			1.0	0.035					S	11 15	56.5	3.3			
			SME			1.2	0.037					LE		$M_S=4.7$	12.0	0.21		
			LE		$M_S=4.1$	8.0	0.43					LZ		$M_S=4.7$	16.0	0.44		
			LZ		$M_S=4.0$	13.0	0.59		WMQ	70.9	320	+iP	11 08	44.5	-0.1			
CD2	15.0	238	eP	08 45	03.9	-0.8						eS	11 18	00.0	3.0			
GYA	16.6	220	P	08 45	29.0	3.3												
WMQ	23.3	290	eP	08 46	40.8	1.7												
<p>JUL 23d 10h 57m $27.7 \pm 0.04s$, SD1.17 / 96 $4.67 S \pm 0.50km$, $145.61 E \pm 0.89km$, $h30 \pm 0.06km$ Eastern New Guinea region (207) $M_S 5.0 / 10$, $m_b 5.5 / 4$, $m_b 5.0 / 25$</p>																		
QZN	42.4	305	eP	11 05	22.6	1.3												
			eS	11 11	39.0	-1.6												
			eSS	11 14	40.0	-3.7												
SSE	42.5	328	P	11 05	24.0	1.4												
			PMZ		$m_b=5.0$	0.8	0.019											
			eS	11 11	45.0	2.0												
			esS	11 12	00.0	2.4												
			LN		$M_S=4.6$	14.0	0.37											
			LZ		$M_S=4.4$	20.0	0.55											
NJ2	44.5	327	eP	11 05	37.5	-1.2												
			eS	11 12	10.0	-1.9												
			LZ		$M_S=4.1$	22.0	0.24											
WHN	46.0	322	P	11 05	52.5	1.6												
			PMZ		$m_b=5.1$	1.0	0.030											
			PMZ		$m_b=5.7$	4.0	0.44											
			pP	11 06	03.0	3.2												
			eS	11 12	33.0	-0.8												
GYA	48.8	311	P	11 06	13.0	0.6												
SNY	50.4	339	eP	11 06	25.0	-0.2												
			eS	11 13	33.0	-2.8												
			LN		$M_S=5.0$	23.0	0.95											
			LE			21.0	0.67											
			LZ		$M_S=4.9$	22.0	1.25											
<p>JUL 23d 14h 03m $20.8 \pm 0.06s$, SD2.68 / 11 $27.62 N \pm 0.52km$, $100.90 E \pm 0.56km$, $h5 \pm 0.18km$ Yunnan Province (318) $M_L 3.4 / 7$,</p>																		
KMI	3.0	146	+Pg	14 04	14.0	0.4												
			Sg	14 04	49.0	-4.9												
			SMN		$M_L=3.2$	1.0	0.10											
			SME			1.0	0.10											
GYA	5.3	101	Pg	14 04	52.0	-2.1												
<p>JUL 23d 17h 59m $47.5 \pm 0.04s$, SD1.28 / 54 $24.83 N \pm 0.55km$, $122.08 E \pm 0.29km$, $h105 \pm 0.43km$ Taiwan (244) $m_b 4.5 / 12$,</p>																		
QZH	3.2	273	+P	18 00	35.1	-1.7												
			S	18 01	08.0	-5.7												
			SMN			0.9	0.81											
			SME			0.9	0.64											
SSE	6.3	353	-iP	18 01	19.0	-0.3												
			PMZ		$m_b=5.3$	0.8	0.096											
			SMN			1.2	0.093											
			SME			1.0	0.073											
			LE			5.0	0.63											
NJ2	7.7	339	+P	18 01	38.0	-1.1												
			S	18 03	03.0	-2.5												
			SMN			1.0	0.12											
			SME			1.0	0.16											
			LE			5.0	0.58											

BTO	31.2	342	P	18 09 11.0	-0.3		
			pP	18 09 20.0	2.6		
			PP	18 10 15.0	1.8		
			S	18 14 13.0	-1.6		
			SS	18 15 55.5	-4.3		
			LN			$M_s = 5.7$	16.0 6.80
			LE				16.0 6.20
CN2	32.5	4	-P	18 09 21.0	-1.7		
			PMZ			$m_b = 5.4$	1.0 0.060
			PMZ			$m_b = 5.8$	5.0 0.80
			pP	18 09 30.0	1.0		
			PP	18 10 29.0	-1.4		
			eS	18 14 32.0	-4.2		
			ScP	18 15 48.0	-2.9		
			LN			$M_s = 5.3$	13.0 1.70
			LE				13.0 2.20
			LZ			$M_s = 5.2$	20.0 4.60
MDJ	33.8	9	+P	18 09 33.0	-0.9		
			pP	18 09 39.5	-0.7		
			sP	18 09 45.0	1.8		
			S	18 14 54.0	-1.1		
			sS	18 15 06.0	-0.6		
			LZ			$M_s = 5.1$	24.0 4.00
LSA	34.4	307	P	18 09 41.9	2.4		
			SME				5.0 0.44
			sS	18 15 16.0	0.1		
GTA	34.4	328	eP	18 09 36.8	-3.1		
			PMZ			$m_b = 6.0$	4.0 1.06
			pP	18 09 41.5	-4.6		
			S	18 15 09.5	3.8		
			sS	18 15 18.0	0.8		
			LE			$M_s = 5.7$	17.0 8.19
			LZ			$M_s = 5.8$	18.0 14.7
WMQ	44.1	324	P	18 11 01.5	1.3		
			PcP	18 12 45.0	0.0		
			eS	18 17 36.0	3.8		
			ScS	18 20 52.0	-3.0		
			LN			$M_s = 5.7$	14.0 4.39
			LZ			$M_s = 5.7$	18.0 7.95
KSH	49.8	313	-iP	18 11 45.0	0.1		
			LE			$M_s = 5.8$	15.0 4.60

JUL 23d 19h 33m $12.5 \pm 0.04s$, SD1.10 / 120
 $14.10 S \pm 0.72km$, $166.93 E \pm 0.96km$, $h141 \pm 0.31km$
 Vanuatu (New Hebrides) (186)
 $m_b 5.1 / 23$,

NJ2	65.0	316	eP	19 43 38.4	-1.8		
WHN	67.3	312	eP	19 43 55.0	0.4		
			pP	19 44 30.0	1.8		
MDJ	67.6	332	eP	19 43 55.4	-1.1		
TIA	68.6	318	eP	19 44 02.2	-1.0		
CN2	68.9	329	P	19 44 04.0	-0.9		
GYA	71.1	305	P	19 44 20.0	1.9		
BJI	71.6	321	eP	19 44 20.0	-0.8		
			PMZ			$m_b = 4.9$	1.5 0.031
			eS	19 53 26.0	-1.4		
			esS	19 54 24.0	-2.5		
TIY	72.6	317	eP	19 44 27.1	0.2		
XAN	73.0	313	P	19 44 29.5	0.0		
KMI	73.7	302	+P	19 44 35.0	1.4		
			PMZ			$m_b = 5.2$	2.0 0.080
HHC	74.9	320	eP	19 44 41.2	0.9		
LZH	77.7	312	eP	19 44 55.0	-0.9		
			PMZ			$m_b = 5.1$	2.0 0.071
			pP	19 45 27.5	-2.5		
GTA	82.0	314	eP	19 45 19.8	0.7		
			PMZ			$m_b = 5.0$	1.8 0.051

JUL 23d 22h 20m $41.5 \pm 0.03s$, SD1.17 / 148
 $16.07 N \pm 0.65km$, $119.65 E \pm 0.72km$, $h18 \pm 0.17km$
 Luzon (249)
 $M_s 5.4 / 56$, $m_b 5.4 / 19$, $m_b 4.9 / 38$

QZH	8.9	354	P	22 22 51.8	-0.4		
			S	22 24 34.0	1.4		
			LN			$M_s = 4.9$	13.0 8.18
			LZ			$M_s = 4.9$	24.0 15.2
GZH	9.2	321	eP	22 22 55.0	-1.0		
			eS	22 24 40.0	0.3		
			LN			$M_s = 5.4$	10.0 15.5
			LE				10.0 11.5
			LZ			$M_s = 5.0$	16.0 14.1
QZN	9.8	289	eP	22 23 00.8	-4.1		
			LN			$M_s = 5.3$	13.0 17.8
SSE	15.0	5	-P	22 24 16.0	1.0		
			PMZ			$m_b = 5.2$	7.0 0.77
			pP	22 24 24.5	4.0		
			S	22 27 00.0	-1.3		
			LN			$M_s = 5.0$	17.0 4.68
			LE				15.0 4.43
			LZ			$M_s = 4.9$	20.0 7.82
WHN	15.2	342	eP	22 24 17.5	0.2		
			SS	22 27 24.0	1.0		
			LN			$M_s = 5.4$	14.0 6.56
			LE				14.0 11.3
			LZ			$M_s = 5.0$	20.0 8.14
GYA	15.9	313	-P	22 24 25.0	-1.5		
			sP	22 24 37.0	1.3		
			S	22 27 22.0	0.2		
			sS	22 27 33.0	1.6		
			LN			$M_s = 5.6$	13.0 16.0
			LE				13.0 9.80
			LZ			$M_s = 4.9$	18.0 6.40
NJ2	15.9	358	+P	22 24 26.0	-0.7		
			S	22 27 20.0	-2.4		
			LN			$M_s = 5.3$	13.0 8.56
			LE				11.0 2.58
			LZ			$M_s = 4.9$	14.0 4.70
KMI	18.2	302	-P	22 24 55.0	-0.5		
			PMZ			$m_b = 5.0$	1.5 0.10
			PMZ			$m_b = 5.4$	7.0 1.40
			S	22 28 15.0	0.5		
			LN			$M_s = 5.5$	11.0 9.30
			LE				11.0 4.30
			LZ			$M_s = 5.2$	14.0 7.80
TIA	20.2	354	eP	22 25 18.0	-0.3		
			eS	22 29 02.0	2.7		
			LN			$M_s = 5.1$	13.0 3.58
			LE				10.0 1.60
			LZ			$M_s = 5.1$	16.0 6.38
XAN	20.3	334	P	22 25 18.5	-1.4		
			PMZ			$m_b = 5.5$	6.0 1.40
			S	22 29 06.0	4.4		
			LN			$M_s = 5.7$	13.0 8.30
			LE				13.0 11.3
CD2	20.7	318	eP	22 25 22.1	-1.7		
			PMZ			$m_b = 5.8$	2.5 1.14
			sP	22 25 36.5	3.0		
			eS	22 29 08.0	-1.7		
			LN			$M_s = 5.9$	12.0 20.5
			LZ			$M_s = 5.3$	14.0 8.00
TIY	22.5	345	-P	22 25 43.0	1.3		
			PMZ			$m_b = 5.1$	6.5 0.57
			PP	22 26 12.0	3.5		
			S	22 29 42.0	0.0		
			sS	22 29 51.5	-1.9		
			LN			$M_s = 5.4$	14.0 6.64



<p>JUL 24d 15h 18m 11.9 ± 0.07s, SD2.65 / 14 27.59 N ± 0.49km, 100.81 E ± 0.46km, h16 ± 0.25km Yunnan Province (318) M_S3.7 / 1, M_L3.6 / 9,</p>				<p>LN M_S = 5.1 11.0 4.80 LZ M_S = 4.8 15.0 2.49</p>							
KMI	3.0	144	-Pn	15 19 01.0	1.7	WMQ	32.5	59	+iP	18 06 22.1	0.7
			Pg	15 19 05.0	0.3				eS	18 11 38.0	2.2
			Sg	15 19 42.5	-3.0				LZ	M _S = 4.5	16.0 0.76
			SMN	M _L = 4.4	1.0	GTA	41.7	66	+iP	18 07 39.8	1.1
			SME		1.5				eS	18 13 59.0	3.4
CD2	4.2	37	ePn	15 19 19.5	3.7				LE	M _S = 4.8	14.0 0.71
			ePg	15 19 29.1	3.1	LZH	45.4	70	+P	18 08 10.0	1.0
			Sg	15 20 25.0	1.6				PMZ	m _b = 5.6	1.5 0.15
			SMN	M _L = 3.6	0.8				PMZ	m _B = 5.6	4.0 0.38
			SME		1.0				pP	18 08 14.5	0.2
			LN	M _S = 3.7	7.0				sP	18 08 17.0	-0.1
GYA	5.3	101	Pn	15 19 34.6	3.0				eS	18 14 50.0	0.0
			Pg	15 19 47.8	1.6				SMN		5.0 0.42
			Sn	15 20 35.8	1.1				LN	M _S = 4.8	12.0 0.40
			SMN	M _L = 3.7	1.0				LE		12.0 0.30
			SME		1.0	CD2	46.7	77	eP	18 08 19.0	-0.1
<p>JUL 24d 17h 55m 11.0 ± 0.05s, SD1.62 / 67 3.76 S ± 0.71km, 151.47 E ± 1.16km, h10 ± 0.08km New Britain region (192) M_S5.1 / 3, m_b4.9 / 17,</p>				<p>LZ M_S = 4.9 25.0 1.80</p>							
QZN	46.8	300	eP	18 03 44.2	1.0	KMI	47.8	85	eP	18 08 28.0	-0.3
			S	18 10 34.5	2.7				PMZ	m _b = 5.5	1.5 0.11
WHN	49.2	317	eP	18 04 02.5	0.7	BTO	49.2	62	P	18 08 39.0	0.3
			sP	18 04 09.0	-1.1	XAN	50.0	71	+P	18 08 44.0	-0.4
			eS	18 11 09.0	2.4				S	18 15 56.5	3.6
MDJ	52.0	340	eP	18 04 23.5	0.3	HHC	50.3	62	eP	18 08 47.6	0.5
			eS	18 11 44.0	-1.4	GYA	50.6	81	+iP	18 08 48.8	-0.7
GYA	52.7	307	P	18 04 32.0	3.3				S	18 16 02.0	0.1
CN2	52.8	337	eP	18 04 30.0	0.6	TIY	51.7	65	eP	18 08 56.8	-0.9
			sP	18 04 37.5	-0.1				S	18 16 19.0	2.1
			PcP	18 05 40.0	2.1				LN	M _S = 5.1	20.0 1.25
			eS	18 11 58.0	1.4				LZ	M _S = 4.8	22.0 1.04
			LZ	M _S = 4.6	30.0	BJI	53.9	62	eP	18 09 14.0	0.0
BJI	54.3	327	eP	18 04 40.5	0.2				PMZ	m _b = 4.9	1.0 0.018
			PMZ	m _b = 4.9	1.5	WHN	55.4	73	-P	18 09 25.5	0.3
			eS	18 12 18.0	1.3				PMZ	m _b = 5.1	1.0 0.030
			LZ	M _S = 4.6	28.0				sP	18 09 34.0	0.5
TIY	54.9	322	eP	18 04 45.4	0.6	QZN	56.4	88	P	18 09 32.0	0.0
XAN	55.0	317	P	18 04 44.0	-1.2				S	18 17 08.0	0.5
KMI	55.3	304	eP	18 04 52.0	4.1	DL2	58.3	62	P	18 09 45.0	-0.4
HHC	57.4	325	eP	18 05 02.4	-0.7	NJ2	58.5	70	-P	18 09 46.2	-0.7
BTO	58.2	324	eP	18 05 07.0	-1.2	CN2	59.5	55	+P	18 09 52.4	-1.5
			eS	18 13 12.0	3.5				PMZ	m _b = 5.0	1.0 0.020
			LN	M _S = 5.3	18.0	SSE	60.7	70	+P	18 10 02.0	-0.1
			LE		17.0				PMZ	m _b = 5.1	1.2 0.030
LZH	59.6	316	eP	18 05 17.5	-0.5				LN	M _S = 4.8	10.0 0.24
			PMZ	m _b = 4.9	2.5	MDJ	62.0	53	eP	18 10 10.1	-1.2
			pP	18 05 24.0	0.7	<p>JUL 24d 23h 40m 36.5 ± 0.08s, SD3.68 / 10 27.15 N ± 0.71km, 101.06 E ± 0.73km, h5 ± km Yunnan Province (318) M_S3.6 / 1, M_L3.2 / 7,</p>					
			eS	18 13 27.0	0.3	KMI	2.5	142	ePg	23 41 17.5	-3.5
			LN	M _S = 5.1	14.0				Sg	23 41 58.5	3.5
			LE		14.0				SMN	M _L = 3.1	1.0 0.10
			LZ	M _S = 4.7	10.0				SME		1.0 0.12
GTA	64.0	317	eP	18 05 47.0	-0.7	CD2	4.4	32	ePn	23 41 42.8	-1.9
			PMZ	m _b = 4.8	1.0				ePg	23 41 51.0	-3.7
<p>JUL 24d 17h 59m 47.6 ± 0.04s, SD1.06 / 290 32.90 N ± 0.74km, 48.25 E ± 0.43km, h10 ± 0.09km Iran-Iraq border region (346) M_S4.9 / 11, m_b5.6 / 1, m_b5.1 / 72</p>				<p>LZ M_S = 4.6 28.0 0.69</p>							
KSH	23.2	66	P	18 05 00.0	3.6				Sn	23 42 45.4	6.6
			pP	18 05 04.0	2.5				SMN	M _L = 3.6	1.0 0.040
			S	18 09 10.5	6.9				SME		1.4 0.14
			sS	18 09 17.0	4.0				LE	M _S = 3.6	9.0 0.72
<p>JUL 25d 13h 37m 14.7 ± 0.03s, SD1.10 / 168</p>				<p>GYA 5.1 97 Pg 23 42 01.6 -4.4</p>							

15.44 S ± 0.99km, 174.68 W ± 0.77km, h281 ± 0.32km
Tonga
m_b4.9 / 34,
(173)

MDJ	78.3	323	eP	13 48 46.0	-0.1		
NJ2	79.2	308	eP	13 48 50.8	0.0		
CN2	80.3	321	P	13 48 56.0	-0.8		
BJI	84.6	314	eP	13 49 18.5	-0.1		
			PMZ	m _b = 4.9		1.2	0.029
TIY	86.3	311	eP	13 49 27.5	0.3		
			PMZ	m _b = 4.6		1.0	0.020
GYA	87.0	298	P	13 49 31.6	1.3		
XAN	87.7	306	+P	13 49 34.6	1.1		
HHC	88.2	313	P	13 49 37.2	1.3		
BTO	89.2	313	eP	13 49 41.5	0.9		
LZH	92.3	307	-P	13 49 55.5	0.4		
			PMZ	m _b = 4.7		1.2	0.026
GTA	96.2	309	eP	13 50 13.4	0.2		

JUL 25d 14h 42m 37.5 ± 0.02s, SD0.91 / 407
53.63 N ± 0.68km, 156.82 W ± 0.47km, h22 ± 0.14km
South of Alaska
M_s5.0 / 11, m_b5.8 / 3, m_b5.7 / 105
(17)

MDJ	47.0	290	+P	14 51 09.5	0.3		
			PMZ	m _b = 5.6		1.0	0.090
CN2	49.8	292	+iP	14 51 31.0	-0.1		
			PMZ	m _b = 6.1		1.0	0.30
			PMZ	m _b = 5.8		4.0	0.50
			pP	14 51 36.0	-2.6		
			S	14 58 37.0	-0.2		
			LZ	M _s = 4.4		22.0	0.40
SNY	52.1	291	+iP	14 51 49.0	0.2		
			PMZ	m _b = 6.1		1.0	0.25
			pP	14 51 58.5	2.1		
			S	14 59 12.0	2.6		
			LN	M _s = 4.8		20.0	0.61
			LZ	M _s = 4.7		20.0	0.73
DL2	55.2	290	P	14 52 12.1	0.5		
			PMZ	m _b = 5.7		1.0	0.11
BJI	57.4	295	+iP	14 52 27.5	0.1		
			PMZ	m _b = 5.7		1.4	0.14
			eS	15 00 21.0	-0.6		
			LZ	M _s = 4.7		28.0	0.90
HHC	59.3	298	+P	14 52 41.0	0.3		
			PMZ	m _b = 5.7		0.9	0.10
			S	15 00 45.5	0.4		
TIA	59.6	291	+P	14 52 42.2	-0.7		
BTO	60.3	299	+iP	14 52 48.3	0.8		
			pP	14 52 53.0	-2.0		
			sP	14 52 57.0	-1.3		
			S	15 01 00.0	2.2		
			LN	M _s = 5.0		14.0	0.30
			LE			14.0	0.40
SSE	61.1	284	-P	14 52 52.5	-0.1		
			PMZ	m _b = 5.5		1.0	0.058
			pP	14 53 02.0	1.8		
			sP	14 53 08.3	4.8		
			S	15 01 11.0	3.4		
			sS	15 01 24.0	2.5		
			LZ	M _s = 4.5		28.0	0.54
TIY	61.1	295	+P	14 52 53.0	-0.1		
			PMZ	m _b = 5.7		1.0	0.11
			PP	14 55 09.0	0.1		
			S	15 01 06.0	-2.3		
			LN	M _s = 4.9		18.0	0.55
			LZ	M _s = 4.8		30.0	1.10
NJ2	61.7	286	+P	14 52 56.0	-0.9		
			PMZ	m _b = 5.3		1.0	0.039
			pP	14 53 05.5	0.9		

			S	15 01 15.0	-0.7		
			LZ	M _s = 4.3		30.0	0.34
WHN	65.4	288	-P	14 53 21.0	-0.1		
			PMZ	m _b = 4.9		1.0	0.014
			PMZ			3.0	0.38
			sP	14 53 29.5	-2.6		
			S	15 02 04.0	2.4		
XAN	65.7	295	+P	14 53 21.0	-2.6		
GTA	66.3	305	-iP	14 53 27.1	-0.4		
			S	15 02 14.0	0.6		
			LN	M _s = 4.9		14.0	0.34
			LZ	M _s = 4.9		17.0	0.64
LZH	66.9	300	+P	14 53 31.0	0.1		
			PMZ	m _b = 6.0		1.4	0.27
			PMZ	m _b = 5.9		4.0	0.60
			pP	14 53 37.0	-1.4		
			sP	14 53 39.5	-2.1		
			eS	15 02 20.0	-1.4		
			sS	15 02 29.0	-4.8		
			LE	M _s = 4.9		17.0	0.45
			LZ	M _s = 4.6		25.0	0.50
WMQ	68.4	315	+iP	14 53 40.4	0.2		
			S	15 02 41.2	3.6		
			LZ	M _s = 4.8		24.0	0.77
CD2	70.9	296	+P	14 53 55.0	-0.9		
			PMZ	m _b = 5.9		0.8	0.13
			eS	15 03 08.0	-1.3		
			esS	15 03 26.0	4.1		
GYA	72.8	291	+iP	14 54 07.4	0.2		
			PMZ	m _b = 5.8		1.0	0.11
			pP	14 54 10.8	-3.9		
			S	15 03 33.0	3.4		
KMI	76.0	293	+P	14 54 26.0	0.2		
			PMZ	m _b = 5.5		1.5	0.10
			pP	14 54 35.5	2.4		
			sP	14 54 40.0	3.5		
			S	15 04 06.0	0.8		
KSH	76.7	321	-iP	14 54 31.0	1.4		
QZN	76.8	284	P	14 54 30.9	0.6		
			PMZ	m _b = 5.2		1.1	0.030
			eS	15 04 16.0	0.1		
LSA	78.4	305	P	14 54 40.4	1.2		

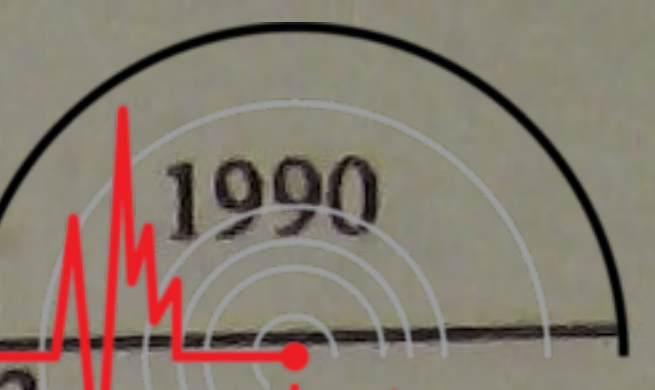
JUL 25d 19h 55m 12.0 ± 0.04s, SD1.03 / 41
45.01 S ± 0.93km, 98.55 E ± 0.95km, h10 ± 0.03km
South-East Indian Ridge
m_b5.1 / 8,
(435)

KMI	69.9	4	+P	20 06 27.5	1.1		
			PMZ	m _b = 5.3		2.0	0.070
GYA	71.5	8	P	20 06 36.2	0.3		
WHN	76.6	14	eP	20 07 05.6	0.5		
XAN	79.2	9	P	20 07 20.0	0.0		
LZH	80.9	4	+P	20 07 29.0	0.2		
			PMZ	m _b = 5.2		2.0	0.054
GTA	84.0	1	P	20 07 45.3	0.0		
BJI	86.1	13	eP	20 07 55.0	-0.5		
			PMZ	m _b = 5.2		2.0	0.044
WMQ	89.0	352	P	20 08 10.0	0.7		
CN2	91.6	19	eP	20 08 21.0	-0.5		

JUL 26d 04h 18m 28.8 ± 0.04s, SD1.17 / 177
7.48 S ± 0.61km, 127.77 E ± 1.05km, h130 ± 0.21km
Banda Sea
m_b5.4 / 4, m_b5.2 / 46,
(280)

QZN	31.7	326	eP	04 24 44.0	1.2		
			S	04 29 36.0	-5.1		
			LE			16.5	1.40
QZH	33.4	345	eP	04 24 58.5	0.8		

GZH	33.5	335	eP	04 24	59.0	0.9				S	04 33	57.0	-3.1			
SSE	38.9	351	-P	04 25	43.0	-0.4				SMN			7.0	0.43		
			PMZ		$m_b = 5.1$		1.2	0.042		SME			6.0	0.35		
			PMZ		$m_B = 5.5$		4.0	0.40		LN			18.0	0.42		
			pP	04 26	14.0	1.9				LZ			20.0	0.48		
			S	04 31	26.0	-4.8			HHC	50.3	344	eP	04 27	15.2	0.1	
			LN				12.0	0.28		S			04 34	15.0	-0.7	
			LE				12.0	0.24	BTO	50.6	343	eP	04 27	18.0	1.3	
			LZ				20.0	0.46	S				04 34	22.0	3.4	
GYA	39.5	329	P	04 25	50.0	1.5			CN2	51.1	358	eP	04 27	20.5	0.0	
			sP	04 26	28.0	-4.2			MDJ	51.9	2	eP	04 27	26.5	0.0	
			PcP	04 27	54.8	1.1			pP				04 28	00.0	3.7	
			S	04 31	37.0	-2.7			GTA	53.4	333	eP	04 27	37.0	-0.7	
			SMN				5.0	0.40	ScP				04 32	24.6	-1.6	
			SME				5.0	0.70	eS				04 34	52.0	-6.2	
WHN	39.9	342	-eP	04 25	53.0	0.8			ScS				04 37	06.4	-3.2	
			PMZ		$m_b = 5.0$		0.7	0.020	LE					15.0	0.21	
			PMZ		$m_B = 5.4$		4.0	0.30	LZ					20.0	0.30	
			pP	04 26	21.6	0.6			WMQ	62.6	328	P	04 28	41.6	-0.6	
			PcS	04 31	44.0	0.0			pP				04 29	14.5	1.7	
			S	04 31	47.0	0.2			PcP				04 29	16.0	-2.8	
NJ2	40.2	348	+P	04 25	55.0	0.5			S				04 36	54.0	-3.1	
			ScP	04 31	28.6	-3.0			SMN					4.5	0.32	
			iS	04 31	47.0	-4.9			SME					6.0	0.49	
KMI	40.6	324	eP	04 25	59.5	1.9			ScS				04 38	15.0	-2.1	
			PMZ		$m_b = 5.2$		1.5	0.070	KSH	66.9	319	P	04 29	11.0	0.8	
			sP	04 26	38.0	-3.3			eS				04 37	55.0	3.3	
			S	04 31	55.0	-1.0			JUL 26d 06h 53m 55.7 ± 0.03s, SD1.03 / 400 27.28 N ± 0.98km, 65.51 E ± 0.47km, h17 ± 0.04km Pakistan (710) $M_S 5.9 / 61, m_b 5.9 / 19, m_b 5.7 / 128$							
			LZ				18.0	0.80	KSH	15.0	33	P	06 57	29.0	0.3	
CD2	44.6	330	eP	04 26	30.0	0.0			pP				06 57	39.0	5.1	
TIA	44.6	348	eP	04 26	30.7	0.6			PP				06 57	47.0	6.8	
XAN	45.0	338	P	04 26	32.5	-0.9			sS				07 00	20.0	-3.6	
			S	04 32	54.0	-6.5			LE					$M_S = 5.7$	10.0	16.8
DL2	46.5	353	eP	04 26	46.0	0.8			LZ					$M_S = 6.0$	16.0	68.4
			PMZ		$m_b = 5.6$		1.0	0.10	LSA	22.7	78	P	06 59	00.0	1.9	
			pP	04 27	17.0	2.5			PP				06 59	27.0	1.7	
			eS	04 33	18.0	-5.0			iS				07 03	02.0	0.8	
			SME				7.0	0.38	SS				07 03	45.0	3.3	
			esS	04 34	16.0	1.7			LN					$M_S = 5.8$	8.0	8.02
TIY	47.2	343	eP	04 26	50.8	0.1			LE						8.0	5.33
			pP	04 27	22.5	2.6			WMQ	24.3	42	+iP	06 59	15.5	1.3	
			S	04 33	31.0	-0.7			PMZ					$m_B = 6.2$	5.0	4.58
			LN				15.0	0.44	eS				07 03	28.0	-2.1	
			LE				15.0	0.43	LN					$M_S = 6.1$	13.0	30.0
			LZ				18.0	0.73	LZ					$M_S = 6.0$	18.0	39.4
BJI	48.5	348	eP	04 27	00.0	-0.6			GTA	30.9	58	+iP	07 00	15.0	0.6	
			PMZ		$m_b = 5.0$		1.0	0.024	PMZ						3.0	0.87
			epP	04 27	29.0	-1.1			pP				07 00	22.0	1.2	
			eScP	04 32	03.5	-1.8			sP				07 00	26.0	2.0	
			eS	04 33	46.0	-4.8			S				07 05	18.0	2.1	
			eScS	04 36	35.0	-1.3			sS				07 05	30.0	2.1	
LZH	48.8	334	P	04 27	03.5	0.0			LE					$M_S = 5.9$	13.0	12.2
			PMZ		$m_b = 5.4$		1.5	0.079	LZ					$M_S = 6.0$	15.0	23.9
			PMZ		$m_B = 5.5$		5.0	0.34	KMI	33.4	85	+iP	07 00	36.0	-0.2	
			pP	04 27	34.0	1.2			PMZ					$m_b = 6.0$	1.5	0.33
			sP	04 27	43.0	-4.7			PMZ					$m_B = 6.1$	4.0	1.25
			ePP	04 28	57.0	-1.0			sP				07 00	50.0	4.4	
			ScP	04 32	06.0	-0.8			S				07 05	57.0	2.4	
			S	04 33	52.0	-2.6			LN					$M_S = 5.8$	11.0	5.70
			SME				6.0	0.76	LE						11.0	4.00
			ScS	04 36	36.0	-2.5			LZ					$M_S = 6.3$	16.0	44.2
			SS	04 37	22.0	-0.9			CD2	33.5	75	+iP	07 00	36.2	-0.7	
			LN				12.0	0.22	PMZ					$m_b = 6.1$	0.5	0.16
			LZ				22.0	0.65	S				07 05	57.0	0.7	
SNY	49.2	356	-P	04 27	04.0	-2.3										
			PMZ		$m_b = 5.1$		1.0	0.031								
			pP	04 27	38.0	2.2										
			sP	04 27	54.0	3.3										



LZH	33.6	65	LE	$M_s = 5.9$	11.0	10.5	BJI	43.5	60	S	07 08 23.0	-1.2	10.0	3.70					
			LZ	$M_s = 5.9$	12.0	13.9				LN	$M_s = 5.8$	14.0	4.80						
			+iP	07 00 38.0	0.1	LE					18.0	5.50							
			PMZ	$m_b = 6.1$	1.6	0.51				LZ	$M_s = 5.5$								
			PMZ		3.0	1.23				eP	07 02 01.5	1.0							
			pP	07 00 48.0	3.6					PMZ	$m_b = 5.8$	1.5	0.26						
			PP	07 01 48.0	-1.5					PMZ	$m_b = 5.9$	5.0	0.90						
			PcP	07 03 14.0	-3.3					ePP	07 03 44.0	0.6							
			eS	07 05 55.0	-4.0					eS	07 08 25.5	-2.9							
			SME			7.0				0.96	ScS	07 11 55.0	-1.3						
GYA	36.6	82	sS	07 06 14.0	4.3		TIA	44.4	65	LN	$M_s = 6.1$	13.0	9.09						
			LN	$M_s = 6.1$	11.0	8.45				LE		12.0	7.39						
			LE		12.0	12.4				LZ	$M_s = 6.0$	14.0	14.1						
			LZ	$M_s = 6.1$	18.0	29.6				+P	07 02 07.6	0.3							
			+iP	07 01 02.8	-0.7					PMZ	$m_b = 6.0$	1.6	0.40						
			PMZ	$m_b = 5.7$	1.2	0.16				eS	07 08 35.0	-5.6							
			pP	07 01 14.0	4.1					SME		9.0	1.42						
			S	07 06 40.0	-4.1					LN	$M_s = 5.7$	11.0	3.46						
			SMN			8.0				1.50	LZ	$M_s = 5.6$	20.0	7.82					
			SME			8.0				1.80	+P	07 02 22.0	-0.2						
XAN	37.7	69	LN	$M_s = 5.9$	16.0	12.6	NJ2	46.2	71	PMZ	$m_b = 5.6$	1.0	0.093						
			LE		16.0	4.00				PMZ		3.0	0.62						
			LZ	$M_s = 5.1$	20.0	3.20				pP	07 02 32.6	3.7							
			+iP	07 01 12.5	-0.3					S	07 09 03.0	-3.3							
			PMZ	$m_b = 6.1$	1.5	0.56				LN	$M_s = 5.9$	13.0	6.08						
			S	07 07 02.0	0.7					LE		13.0	1.59						
			LN	$M_s = 6.0$	14.0	8.90				LZ	$M_s = 5.4$	20.0	3.94						
			LE		12.0	7.69				+P	07 02 31.0	-0.7							
			+iP	07 01 24.0	1.8					PP	07 04 22.0	0.1							
			PP	07 02 55.5	0.8					S	07 09 21.0	-2.6							
BTO	38.8	58	S	07 07 21.0	2.7		QZH	47.4	80	SS	07 12 43.0	-2.0							
			SS	07 10 02.5	1.5					LN	$M_s = 5.8$	12.0	3.63						
			LN	$M_s = 6.1$	14.0	7.10				LE		10.0	2.39						
			LE		14.0	12.6				LZ	$M_s = 5.7$	14.0	6.62						
			+P	07 01 33.4	1.2					+P	07 02 34.0	-0.3							
			PMZ	$m_b = 5.9$	1.4	0.28				PMZ	$m_b = 5.8$	1.5	0.23						
			PP	07 03 14.0	6.1					PMZ		3.0	0.73						
			S	07 07 33.0	-3.2					pP	07 02 41.0	0.0							
			sS	07 07 43.5	-4.8					eS	07 09 27.5	-1.8							
			SMN			8.0				0.80	LN	$M_s = 5.9$	15.0	3.70					
HHC	40.0	58	SME		9.0	1.84	DL2	47.8	61	LE		13.0	4.60						
			LN	$M_s = 6.0$	15.0	4.84				LZ	$M_s = 5.4$	17.0	3.78						
			LE		16.0	11.3				+P	07 02 38.0	-0.8							
			ScS	07 11 32.0	-3.4					PMZ	$m_b = 5.8$	1.5	0.21						
			LZ	$M_s = 5.9$	16.0	15.1				PMZ		3.0	0.74						
			+iP	07 01 37.0	0.6					pP	07 02 48.5	3.0							
			PMZ	$m_b = 5.8$	1.3	0.23				PP	07 04 34.0	3.9							
			pP	07 01 43.0	0.0					S	07 09 32.0	-4.4							
			PcS	07 07 32.0	4.3					SS	07 13 00.0	-1.1							
			S	07 07 46.5	2.6					LN	$M_s = 6.0$	12.0	4.40						
QZN	41.4	92	LE	$M_s = 5.8$	13.0	6.42	SSE	48.3	72	LE		12.0	4.60						
			LZ	$M_s = 5.1$	14.0	1.87				LZ	$M_s = 5.3$	20.0	3.20						
			+iP	07 01 43.0	-0.3					+P	07 02 43.8	-0.9							
			PMZ	$m_b = 5.8$	1.3	0.21				PMZ	$m_b = 5.3$	1.6	0.068						
			PP	07 03 21.0	-0.8					PMZ	$m_b = 5.9$	5.5	0.98						
			eS	07 07 53.0	-4.6					pP	07 02 50.0	-1.4							
			LN	$M_s = 5.9$	15.0	10.1				PP	07 04 40.0	2.2							
			+iP	07 01 54.2	1.0					S	07 09 42.0	-5.1							
			PMZ	$m_b = 6.1$	1.0	0.29				SMN		11.0	0.48						
			PMZ		3.0	1.57				SME		9.0	0.87						
WHN	42.6	74	PP	07 03 35.0	0.5		SNY	49.1	57	sS	07 09 56.0	-3.5							
			S	07 08 15.0	0.6					ScS	07 12 33.0	0.6							
			S	07 08 17.0	2.6					SS	07 13 10.0	-3.9							
			LN	$M_s = 6.1$	13.0	4.62				LN	$M_s = 6.3$	13.0	10.2						
			LE		12.0	10.2				LE		14.5	9.18						
			LZ	$M_s = 5.7$	16.0	7.72				LZ	$M_s = 6.0$	18.0	15.4						
			+P	07 01 58.0	-0.7					+P	07 02 54.7	-0.1							
			PP	07 03 47.0	5.8					PMZ	$m_b = 5.3$	1.0	0.040						
			GZH	43.3	85								CN2	50.4	54				

		PcP	04 09 11.0	0.8				SNY	69.8 327	+P	08 53 50.4	-1.7		
		S	04 11 24.0	-1.3						pP	08 54 20.8	0.9		
		LN		$M_s = 4.9$	14.0	1.00				eS	09 02 46.0	-5.7		
		LE			14.0	0.70				LE			28.0	0.69
CD2	32.1 270	P	04 06 22.8	-0.5				TIA	69.9 319	+P	08 53 51.3	-1.4		
		PMZ		$m_b = 5.2$	0.8	0.030		CN2	70.3 329	+iP	08 53 54.0	-0.9		
GTA	33.0 287	eP	04 06 30.2	-0.6						PMZ		$m_b = 5.4$	1.0	0.060
		sP	04 06 37.4	-5.2						PMZ		$m_b = 5.8$	4.0	0.60
		PcP	04 09 14.6	0.9						pP	08 54 22.5	-0.1		
		eS	04 11 45.2	-1.4						sP	08 54 36.0	0.7		
		ScS	04 16 55.7	2.4						eS	09 02 53.0	-3.9		
		LN		$M_s = 4.4$	11.0	0.35				sS	09 03 45.0	0.0		
		LZ		$M_s = 4.4$	16.0	0.64		GYA	72.2 305	+iP	08 54 06.0	-0.5		
QZN	33.4 246	P	04 06 35.4	1.3						PMZ		$m_b = 5.4$	1.2	0.080
		PMZ		$m_b = 5.0$	0.8	0.020				pP	08 54 36.0	1.8		
		eS	04 11 54.0	1.3						S	09 03 20.0	2.5		
		LN		$M_s = 4.7$	15.0	0.80				SMN			5.0	0.60
KMI	35.4 262	+P	04 06 52.5	0.7						SME			5.0	0.70
		PMZ		$m_b = 5.4$	1.5	0.10		BJI	72.9 321	P	08 54 09.5	-0.7		
		eS	04 12 26.0	1.5						PMZ		$m_b = 5.3$	1.0	0.051
		LZ		$M_s = 4.5$	22.0	1.00				epP	08 54 39.0	0.9		
KSH	50.8 294	P	04 08 57.0	0.6						eS	09 03 25.0	-1.4		
		eS	04 16 10.5	0.8						eScS	09 04 04.0	1.1		

JUL 28d 04h 14m 57.2 ± 0.06s, SD2.34 / 7														
24.96 N ± 0.73km, 115.17 E ± 0.58km, h10 ± 0.10km														
Near south-eastern coast of China (242)														
$M_L 3.1 / 7,$														
GZH	2.5 222	-iPg	04 15 41.4	0.0				TIY	73.8 317	+iP	08 54 16.0	0.0		
		Sg	04 16 13.0	-2.6						PMZ		$m_b = 5.6$	1.2	0.11
		SMN		$M_L = 3.1$	0.6	0.090				pP	08 54 45.5	1.6		
		SME			0.6	0.11				S	09 03 40.0	4.2		
QZH	3.1 90	ePg	04 15 52.9	0.8				XAN	74.2 313	+iP	08 54 18.0	-0.3		
		Sg	04 16 32.3	-2.2						PMZ		$m_b = 5.4$	1.0	0.070
		SMN		$M_L = 2.9$	0.7	0.060				pP	08 54 47.0	0.8		
		SME			0.8	0.030				S	09 03 40.0	-0.2		

JUL 28d 08h 42m 51.1 ± 0.04s, SD1.13 / 276														
15.41 S ± 0.71km, 167.40 E ± 0.83km, h113 ± 0.24km														
Vanuatu (New Hebrides) (186)														
$m_b 5.8 / 1, m_b 5.4 / 66,$														
QZH	62.2 309	eP	08 53 03.0	-0.7				KMI	74.8 302	+P	08 54 22.5	1.0		
SSE	64.1 316	-P	08 53 14.5	-1.5						PMZ		$m_b = 5.7$	1.5	0.20
		PMZ		$m_b = 4.9$	1.0	0.019				PMZ			3.0	0.27
		sP	08 53 58.5	2.3						S	09 03 50.0	3.9		
		S	09 01 40.0	-1.2						+iP	08 54 29.6	0.2		
		LZ			20.0	0.46		HHC	76.2 320	pP	08 55 00.0	2.7		
GZH	65.3 305	P	08 53 24.5	0.9						S	09 04 08.0	6.4		
		S	09 02 00.0	4.4						SMN			7.0	0.32
QZN	66.2 299	P	08 53 30.0	0.6						SME			7.0	0.45
		PMZ		$m_b = 5.4$	1.2	0.070		CD2	76.5 308	P	08 54 31.2	0.0		
		pP	08 54 00.0	3.1						PMZ		$m_b = 5.2$	1.2	0.050
		eS	09 02 08.0	0.0						sP	08 55 11.0	-0.8		
NJ2	66.2 316	+P	08 53 29.4	-0.5						eS	09 04 04.5	-2.5		
		PMZ		$m_b = 5.0$	1.0	0.023		BTO	77.0 319	P	08 54 35.0	0.9		
		pP	08 53 58.5	1.1						pP	08 55 05.0	2.9		
		S	09 02 09.0	1.4						S	09 04 13.0	2.4		
WHN	68.5 312	+P	08 53 43.5	-0.3				LZH	78.9 312	+iP	08 54 45.3	1.0		
		PMZ		$m_b = 5.2$	1.4	0.050				PMZ		$m_b = 5.6$	1.5	0.17
		pP	08 54 13.0	1.6						PMZ			3.0	0.41
		S	09 02 36.0	1.6						pP	08 55 15.0	2.6		
DL2	68.9 323	+P	08 53 45.0	-1.5						sP	08 55 29.0	4.1		
		pP	08 54 15.0	0.9						S	09 04 31.0	0.5		
		S	09 02 41.0	1.5						SMN			6.0	0.31
MDJ	68.9 332	eP	08 53 46.0	-0.6						eSS	09 09 42.0	1.8		
		pP	08 54 14.0	-0.3						LZ			32.0	0.70
		eS	09 02 39.0	-2.1						LZ				
		SMN			10.0	0.39		GTA	83.2 314	+iP	08 55 07.7	0.5		

JUL 28d 16h 46m 02.2 ± 0.05s, SD1.15 / 205														
										PMZ		$m_b = 5.7$	1.4	0.16
										PMZ			3.0	0.43
										pP	08 55 37.3	1.8		
										S	09 05 16.5	1.2		
										sS	09 06 06.5	0.1		
										+iP	08 55 55.0	-0.2		
										S	09 06 50.5	1.9		

5.24 N ± 0.79km, 32.63 E ± 0.81km, h10 ± 0.03km Sudan (557) M _s 5.4 / 17, m _b 5.8 / 9, m _b 5.2 / 54																			
KSH	51.8	42	P	16 55 13.5	0.3					SKE	17 09 08.0	1.4							
			sP	16 55 20.0	-1.3					S	17 09 19.0	3.0							
			S	17 02 33.5	0.4					SMN			6.0	0.56					
			LE	M _s = 5.6	12.0	2.30				SME			7.0	0.54					
			LZ	M _s = 5.7	15.0	5.40				SSE	86.1	59	+P	16 58 46.0	0.5				
WMQ	61.6	42	P	16 56 21.8	-1.3								PMZ	m _b = 5.0	1.2	0.017			
			pP	16 56 26.0	-2.5								PMZ	m _b = 5.9	4.0	0.40			
			S	17 04 44.0	1.3					SKS	17 09 08.0	0.6							
			SME			7.0	0.65			S	17 09 16.0	-1.2							
			LZ	M _s = 5.3	20.0	2.24				sS	17 09 24.0	-4.0							
GTA	69.1	50	eP	16 57 10.8	-0.7					LZ	M _s = 5.0	20.0	0.55						
			PMZ	m _b = 5.5	2.0	0.12				eP	16 58 51.2	0.1							
			PMZ		3.0	0.52				SKS	17 09 17.0	2.0							
			PP	16 59 40.8	-4.7					S	17 09 34.0	5.7							
			LN	M _s = 5.1	15.0	0.57				LE	M _s = 5.5	18.0	1.06						
			LZ	M _s = 4.9	26.0	1.00				LZ	M _s = 5.4	18.0	1.24						
KMI	69.8	65	eP	16 57 15.0	-0.8					CN2	88.4	46	eP	16 58 57.5	0.6				
			eS	17 06 26.0	1.5								pP	16 59 04.0	1.7				
			LZ	M _s = 5.2	20.0	1.40							eS	17 09 40.0	-1.2				
LZH	71.8	54	+P	16 57 27.5	-0.2					LN	M _s = 5.4	14.0	0.40						
			PMZ	m _b = 5.6	2.5	0.16				LE		14.0	0.40						
			PMZ	m _b = 5.8	5.0	0.62				LZ	M _s = 5.4	16.0	1.20						
			sP	16 57 37.5	1.9					JUL 28d 18h 43m 25.6 ± 0.03s, SD1.40 / 31 33.79 N ± 0.39km, 86.81 E ± 0.46km, h15 ± 0.02km Tibet (306) M _s 4.2 / 3, m _b 4.4 / 7,									
			S	17 06 44.0	-1.4					WMQ	10.0	4	eP	18 45 53.0	0.3				
			SKS	17 07 25.0	-0.7					GYA	18.6	108	P	18 47 45.0	-0.5				
			LE	M _s = 5.3	13.0	0.75				HHC	20.9	63	eP	18 48 11.0	0.9				
			LZ	M _s = 5.1	22.0	1.25				TIY	21.1	72	eP	18 48 10.6	-2.2				
GYA	73.4	64	P	16 57 36.0	-1.3					BJI	24.2	67	eP	18 48 42.0	-1.2				
			S	17 07 04.0	-0.1					JUL 28d 19h 08m 02.8 ± 0.06s, SD1.06 / 218 13.80 S ± 0.87km, 167.08 E ± 0.90km, h217 ± 0.31km Vanuatu (New Hebrides) (186) m _b 5.1 / 42,									
XAN	75.7	56	P	16 57 51.0	0.3					SSE	62.7	316	-P	19 18 06.2	-1.2				
QZN	76.2	72	eP	16 57 56.0	2.5								PMZ	m _b = 5.0	1.0	0.031			
			S	17 07 38.5	2.9					NJ2	64.9	316	+P	19 18 21.0	-0.4				
BTO	77.0	50	P	16 58 02.0	3.9								PMZ	m _b = 5.0	1.0	0.031			
			S	17 07 51.0	6.7					QZN	65.1	299	P	19 18 23.8	0.8				
			LN	M _s = 5.7	15.0	0.80				WHN	67.2	312	+P	19 18 36.0	-0.1				
			LE		17.0	1.70							PMZ	m _b = 5.0	0.7	0.020			
HHC	78.2	50	P	16 58 06.0	1.3					MDJ	67.4	332	eP	19 18 37.0	-0.3				
			PMZ	m _b = 5.8	2.0	0.20				DL2	67.4	323	+P	19 18 37.4	-0.3				
			PMZ	m _b = 5.8	4.0	0.44				SNY	68.3	326	+P	19 18 42.2	-1.0				
			S	17 08 03.0	5.9					TIA	68.5	318	+P	19 18 43.2	-1.2				
			LN	M _s = 5.2	13.0	0.46				CN2	68.8	329	+iP	19 18 45.4	-0.4				
			LZ	M _s = 5.1	24.0	1.21							pP	19 19 31.5	-4.4				
TIY	78.8	53	eP	16 58 08.7	1.1					GYA	71.0	304	P	19 19 00.0	0.3				
			S	17 08 06.0	3.3					BJI	71.4	321	P	19 19 02.0	0.1				
			SS	17 13 14.0	4.1								PMZ	m _b = 5.1	1.0	0.036			
			LN	M _s = 5.2	15.0	0.55				TIY	72.5	317	+iP	19 19 08.2	0.0				
			LZ	M _s = 5.2	18.0	0.97							PMZ	m _b = 5.3	1.1	0.070			
WHN	80.2	60	eP	16 58 16.0	0.5					XAN	72.9	312	+iP	19 19 10.7	-0.2				
			eS	17 08 18.0	-1.9					KMI	73.7	302	+P	19 19 16.5	1.1				
			sS	17 08 24.0	-5.1								PMZ	m _b = 5.3	1.5	0.10			
			LE	M _s = 5.3	16.0	0.67				HHC	74.8	320	eP	19 19 20.3	-1.3				
BJI	81.7	50	eP	16 58 24.0	0.7								PMZ	m _b = 5.1	1.0	0.040			
			PMZ	m _b = 5.5	2.0	0.11				CD2	75.3	307	P	19 19 24.6	0.0				
			PMZ	m _b = 5.8	4.0	0.41				BTO	75.6	319	P	19 19 28.3	2.0				
			eS	17 08 34.5	-0.8					LZH	77.6	312	+iP	19 19 38.5	1.3				
			LZ	M _s = 5.1	20.0	0.90							PMZ	m _b = 5.3	1.5	0.093			
TIA	82.5	54	eP	16 58 28.8	1.4								pP	19 20 29.0	0.9				
			S	17 08 44.0	2.4					GTA	81.9	314	+iP	19 20 01.0	0.7				
			LE	M _s = 5.3	15.0	0.60							PMZ	m _b = 5.0	1.2	0.034			
			LZ	M _s = 4.8	26.0	0.60				WMQ	91.9	315	+P	19 20 48.5	-0.3				
NJ2	84.1	58	eP	16 58 36.5	1.2														
			PMZ	m _b = 5.8	5.0	0.42													
			S	17 08 58.0	0.7														
			LZ	M _s = 4.6	20.0	0.23													
DL2	86.0	51	eP	16 58 45.0	0.1														

KSH	99.5	308	eP	19 21 25.0	1.6		
JUL 28d 21h 13m 27.8±0.05s, SD2.37 / 56 29.89 N±0.65km, 99.15 E±0.61km, h27±0.08km Tibet (306) $M_S 4.1 / 8, M_L 3.7 / 6, m_b 4.4 / 8$							
CD2	4.1	75	ePn	21 14 30.8	1.3		
			Pg	21 14 42.2	1.7		
			Sg	21 15 39.8	2.9		
			SMN	$M_L=3.7$	1.4	0.18	
			SME		1.0	0.090	
KMI	5.7	145	ePn	21 14 53.5	2.0		
			Pg	21 15 07.5	-1.1		
			SMN	$M_L=3.7$	1.6	0.070	
			SME		1.6	0.070	
			LN	$M_S=4.2$	7.0	1.30	
			LE		7.0	1.20	
LZH	7.3	31	ePn	21 15 18.5	4.7		
			Pg	21 15 41.5	4.2		
			eSn	21 16 41.0	2.9		
			SMN		2.5	0.14	
			LN	$M_S=4.3$	6.5	1.11	
			LE		6.0	0.89	
GYA	7.5	115	Pn	21 15 17.6	2.0		
			Pg	21 15 46.0	6.4		
			Sn	21 16 41.0	-0.4		
XAN	9.3	61	P	21 15 39.0	-4.1		
WHN	13.2	83	eP	21 16 34.0	-1.9		
TIY	13.5	51	eP	21 16 41.0	0.4		
BTO	13.9	37	eP	21 16 45.5	0.0		
			eS	21 19 21.0	1.1		
			LN	$M_S=4.0$	10.0	0.30	
			LE		10.0	0.30	
QZN	14.5	136	eP	21 16 54.0	0.0		
			eS	21 19 30.0	-5.3		
			LN	$M_S=4.3$	12.0	0.57	
			LE		12.0	0.60	
TIA	16.3	63	+P	21 17 19.2	2.1		
WMQ	16.6	330	eP	21 17 25.0	4.2		
BJI	17.2	49	P	21 17 29.0	0.7		
CN2	25.1	49	eP	21 18 53.5	1.4		

JUL 29d 05h 23m 03.5±0.09s, SD2.30 / 7 33.44 N±0.35km, 121.67 E±0.74km, h5±km Eastern China (664) $M_L 3.2 / 7,$							
SSE	2.4	190	Pg	05 23 44.0	-1.4		
			Sn	05 24 14.5	-0.3		
			Sg	05 24 17.2	-0.6		
			SMN	$M_L=3.1$	0.3	0.075	
			SME		0.3	0.14	
NJ2	2.7	240	-Pg	05 23 51.0	-1.0		
			Sg	05 24 28.0	-1.5		
			SMN	$M_L=3.4$	0.5	0.17	
			SME		0.5	0.15	
TIA	4.6	308	ePg	05 24 25.2	-0.4		
			eSg	05 25 25.2	-3.9		
			SME	$M_L=2.9$	1.0	0.017	

JUL 29d 15h 29m 12.3±0.06s, SD1.46 / 117 4.87 S±0.68km, 80.85 W±0.69km, h38±0.63km Near coast of Northern Peru (109) $m_b 5.0 / 32,$							
WMQ	139.9	13	ePKP	15 48 33.4	-4.4		
HHC	142.5	344	ePKP	15 48 47.0	4.7		
TIA	144.7	334	ePKP	15 48 45.0	-1.1		
TIY	145.1	341	ePKP	15 48 47.0	0.1		
			pPKP	15 48 59.0	1.5		

GTA	145.6	359	iPKP	15 48 47.4	-0.4		
			pPKP	15 48 58.8	0.4		
SSE	146.7	324	+PKP	15 48 53.5	4.1		
NJ2	147.3	328	ePKP	15 48 50.0	-0.4		
			sPKP	15 49 04.2	-1.4		
LZH	148.6	353	+PKP	15 48 57.5	4.7		
			LZ	$M_S=4.9$	35.0	0.32	
XAN	149.6	344	PKP	15 48 58.6	4.4		

JUL 29d 23h 25m 07.0±0.04s, SD2.39 / 10 29.95 N±0.31km, 99.17 E±0.64km, h11±0.19km Tibet (306) $M_L 3.3 / 3,$							
CD2	4.1	75	ePn	23 26 13.0	3.2		
			Pg	23 26 20.6	1.7		
			SMN	$M_L=3.3$	1.4	0.090	
			SME		1.0	0.030	
TIA	16.3	63	-P	23 28 58.1	0.5		

JUL 30d 01h 13m 17.7±0.03s, SD1.32 / 179 29.89 N±0.74km, 130.44 E±0.62km, h83±0.42km Ryukyu Islands (238) $M_S 4.0 / 5, m_b 5.4 / 1, m_b 4.9 / 66$							
SSE	8.1	281	+P	01 15 14.0	-0.3		
			PMZ	$m_b=5.2$	1.0	0.068	
			SMN		1.0	0.062	
NJ2	10.2	285	eP	01 15 43.5	0.6		
			eS	01 17 40.0	3.9		
			LZ	$M_S=3.4$	16.0	0.27	
DL2	11.6	323	eP	01 16 03.3	1.8		
			eS	01 18 08.0	-1.4		
SNY	13.1	337	-P	01 16 24.0	1.6		
			S	01 18 50.0	3.4		

			LN	$M_S=4.4$	7.0	0.48	
			LE		7.0	0.48	
			LZ	$M_S=3.9$	14.0	0.65	
CN2	14.4	345	eP	01 16 41.5	2.2		
			PMZ	$m_b=5.6$	1.0	0.10	
			pP	01 16 53.0	0.2		
			eS	01 19 22.0	4.1		
			LN	$M_S=4.1$	10.0	0.40	
			LE		10.0	0.20	
			LZ	$M_S=3.8$	20.0	0.60	

BJI	15.4	315	eP	01 16 53.5	1.3		
			PMZ	$m_b=4.9$	1.0	0.051	
			epP	01 17 08.0	1.8		
			eS	01 19 45.5	4.1		
			LZ	$M_S=3.5$	24.0	0.32	
TIY	16.9	302	eP	01 17 11.5	1.4		
			PMZ	$m_b=4.7$	1.0	0.040	
			LE	$M_S=4.0$	10.0	0.35	
			LZ	$M_S=4.2$	12.0	0.72	

XAN	18.7	288	P	01 17 30.1	-2.3		
HHC	18.8	311	eP	01 17 35.0	1.1		
BTO	19.8	308	eP	01 17 43.0	-0.9		
GYA	21.2	267	+iP	01 18 00.2	1.3		
			pP	01 18 19.4	2.9		
			PP	01 18 29.0	3.2		
			S	01 21 49.0	4.6		
CD2	23.0	279	eP	01 18 17.4	0.9		
			PMZ	$m_b=5.0$	1.0	0.070	
LZH	23.1	292	P	01 18 19.0	1.5		
			PMZ	$m_b=4.8$	1.5	0.068	
			pP	01 18 39.0	3.6		
			LZ	$M_S=3.8$	18.0	0.30	
KMI	25.0	266	eP	01 18 37.0	1.4		
GTA	26.8	299	P	01 18 51.4	-1.2		
			PMZ	$m_b=5.0$	0.6	0.022	



GYA	12.3	79	P	08 22 14.6	2.2		
QZN	16.5	107	eP	08 23 09.0	2.3		
XAN	16.5	52	P	08 23 09.0	1.6		
SSE	25.5	69	+P	08 24 43.1	0.5		
			PMZ		$m_b = 4.6$	0.8	0.013

JUL 31d 13h 49m $21.4 \pm 0.06s$, SD1.15 / 44
 4.52 N $\pm 0.39km$, 127.65 E $\pm 0.64km$, h152 $\pm 0.68km$
 Talaud Islands (263)
 $m_b 5.0 / 10$,

WHN	28.8	336	eP	13 55 09.0	1.8		
TIA	33.0	344	eP	13 55 43.3	-1.0		
XAN	34.1	332	P	13 55 53.6	-0.6		
TIY	35.8	339	eP	13 56 08.4	-0.2		
BJI	36.8	345	eP	13 56 16.5	-0.4		
			PMZ		$m_b = 5.0$	1.0	0.036
LZH	38.3	328	P	13 56 30.0	0.7		
			PMZ		$m_b = 4.7$	1.5	0.025
			pP	13 57 05.8	3.8		
CN2	39.2	357	eP	13 56 35.0	-1.3		
			PcP	13 58 38.0	-4.6		
GTA	42.9	328	eP	13 57 07.6	0.5		
WMQ	52.6	324	eP	13 58 22.5	0.2		

JUL 31d 18h 25m $50.2 \pm 0.04s$, SD1.04 / 187
 3.84 N $\pm 0.81km$, 95.33 E $\pm 0.63km$, h29 $\pm 0.14km$
 Off west coast of Northern Sumatera (705)
 $M_s 5.0 / 23$, $m_b 5.2 / 61$,

QZN	20.7	42	eP	18 30 31.5	0.5		
			eS	18 34 22.0	5.9		
			LN		$M_s = 4.9$	16.0	2.06
			LE			16.5	2.18
KMI	22.4	18	+P	18 30 49.5	1.7		
			PMZ		$m_b = 5.1$	1.5	0.12
			LN		$M_s = 5.0$	7.0	1.10
			LE			7.0	1.00
			LZ		$M_s = 4.8$	12.0	2.00
GYA	25.0	25	P	18 31 14.0	0.7		
			pP	18 31 21.6	0.2		
			sP	18 31 24.2	-0.9		
			S	18 35 38.4	6.5		
			LN		$M_s = 4.9$	14.0	1.00
			LE			14.0	1.80
			LZ		$M_s = 4.3$	20.0	0.90
LSA	26.0	352	P	18 31 23.6	0.1		
			S	18 35 54.0	4.8		
			sS	18 36 03.0	-0.8		
CD2	28.1	16	eP	18 31 38.8	-3.0		
			eS	18 36 21.5	-1.9		
			LE		$M_s = 5.0$	12.0	1.71
			LZ		$M_s = 4.6$	14.0	0.99
WHN	32.1	32	eP	18 32 18.0	0.8		
			sP	18 32 29.0	-0.3		
			S	18 37 30.0	4.4		
			LN		$M_s = 5.1$	14.0	1.54
			LE			14.0	1.33
			LZ		$M_s = 4.8$	14.0	1.30
XAN	32.6	21	-P	18 32 20.0	-2.0		
			S	18 37 34.0	0.0		
			LN		$M_s = 5.0$	14.0	1.37
			LE			12.0	0.83
LZH	33.0	13	eP	18 32 23.5	-2.4		
			PMZ		$m_b = 4.7$	2.0	0.025
			sP	18 32 33.0	-4.8		
			eS	18 37 40.0	-2.0		
			LE		$M_s = 5.1$	16.0	2.13
			LZ		$M_s = 4.4$	21.0	0.78
GTA	35.6	6	eP	18 32 46.0	-2.2		

			PMZ		$m_b = 4.5$	0.8	0.0070
			ScP	18 39 02.8	4.3		
			ScS	18 43 04.6	2.7		
			LN			1.0	0.33
			LZ		$M_s = 4.4$	17.0	0.59
NJ2	35.7	36	eP	18 32 48.0	-0.6		
			eS	18 38 24.0	1.0		
			LN		$M_s = 5.2$	15.0	1.54
			LE			15.0	1.47
			LZ		$M_s = 4.5$	16.0	0.67
TIY	37.2	23	eP	18 33 01.0	0.0		
			S	18 38 45.5	0.9		
			LN		$M_s = 5.0$	12.0	1.12
			LZ		$M_s = 5.0$	16.0	1.79
TIA	38.0	29	eP	18 33 08.4	0.8		
BTO	38.9	18	eP	18 33 15.0	-0.7		
			epP	18 33 24.0	-0.1		
			eS	18 39 15.0	2.6		
			LN		$M_s = 5.1$	14.0	1.40
			LE			14.0	0.90
KSH	39.6	336	P	18 33 21.6	-0.1		
			eS	18 39 18.0	-5.2		
HHC	39.6	19	P	18 33 22.0	0.3		
			S	18 39 28.0	6.0		
			LN		$M_s = 5.4$	18.0	1.92
			LE			18.0	3.50
			LZ		$M_s = 4.8$	20.0	1.45
WMQ	40.4	351	-P	18 33 27.4	-0.4		
BJI	40.7	25	eP	18 33 30.5	0.5		
			PMZ		$m_b = 5.4$	1.0	0.058
			eS	18 39 40.5	2.2		
			LZ		$M_s = 4.7$	16.0	0.87
DL2	42.3	31	eP	18 33 44.5	1.0		
SNY	45.5	30	eP	18 34 09.7	0.5		
			sP	18 34 20.7	-0.8		
			S	18 40 48.0	0.3		
			LN		$M_s = 5.0$	15.0	0.67
			LE			15.0	0.68
			LZ		$M_s = 4.8$	18.0	1.01
CN2	47.9	29	eP	18 34 28.0	-0.1		
			PMZ		$m_b = 4.9$	1.0	0.016
			pP	18 34 36.4	-0.3		
			eS	18 41 24.0	1.3		
			LN		$M_s = 5.0$	15.0	0.70
			LE			15.0	0.40
			LZ		$M_s = 4.8$	16.0	0.90
MDJ	50.5	31	eP	18 34 49.5	0.9		
			eS	18 42 00.0	0.0		
			LZ		$M_s = 4.9$	15.0	0.88

JUL 31d 19h 55m $14.2 \pm 0.30s$, SD1.98 / 9
 23.38 N $\pm 1.43km$, 123.56 E $\pm 2.23km$, h10 $\pm km$
 South-east of Taiwan (247)
 $M_L 3.5 / 2$,

SSE	8.0	345	eP	19 57 13.0	-0.1		
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JUL 31d 20h 44m $02.9 \pm 0.07s$, SD2.56 / 25
 34.82 N $\pm 0.60km$, 117.89 E $\pm 0.62km$, h13 $\pm 0.19km$
 Eastern China (664)
 $M_s 3.3 / 1$, $M_L 3.9 / 16$,

TIA	1.5	336	ePn	20 44 28.2	-2.1		
			Pg	20 44 29.0	-0.8		
			Sg	20 44 46.6	-4.1		
NJ2	2.9	163	ePg	20 44 56.0	2.2		
			Sg	20 45 33.0	-0.1		
			SMN		$M_L = 4.3$	0.4	1.31
			SME			0.4	1.08
SSE	4.6	142	ePn	20 45 11.7	-1.3		

			Pg	20 45	22.5	-2.2		
			Sn	20 46	05.6	-3.2		
			Sg	20 46	26.0	-2.1		
			SMN		$M_L = 3.7$		0.5	0.097
			SME				0.5	0.14
			LE		$M_S = 3.3$		10.0	0.41
DL2	5.1	35	cPg	20 45	35.0	2.7		
			cSg	20 46	34.5	-6.9		
			SMN		$M_L = 4.4$		0.6	0.32
			SME				0.6	0.55
WHN	5.2	216	-Pn	20 45	23.0	2.1		
			iPg	20 45	39.0	4.2		
			Sn	20 46	21.0	-1.9		
			Sg	20 46	45.5	-0.5		
			SMN		$M_L = 4.1$		0.6	0.23
			SME				0.6	0.21
BJI	5.4	346	Pg	20 45	38.0	0.0		
			SMN		$M_L = 3.7$		0.5	0.095
			SME				0.5	0.066
XAN	7.5	267	Pg	20 46	19.0	4.3		
			Sg	20 47	54.1	-2.3		
			SMN		$M_L = 3.9$		1.0	0.040
			SME				1.0	0.040
HHC	7.8	322	cPg	20 46	26.0	4.7		
			Sn	20 47	29.8	2.0		
GTA	15.1	293	eP	20 47	34.2	-4.3		