

Sta.	Δ	Az	Phase	UTC	Resid	T	A	Sta.	Δ	Az	Phase	UTC	Resid	T	A		
code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)	code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)		
<p>JUL 1d 06h 18m 05.4 \pm 0.06s, SD1.91 / 94 24.90 N \pm 0.81km, 99.07 E \pm 0.56km, h17 \pm 0.03km Burma-China border region (297) M_S4.8 / 36, M_L4.7 / 7, m_B5.0 / 3,</p>																	
KMI	3.3	85	ePn	06 19 00.0	2.3			TIA	19.2	50	LZ	06 22 31.6	0.5				
			Pg	06 19 09.6	5.0						-P	06 26 01.0	-0.1				
			Sg	06 19 55.0	4.6						LN		M _S =4.7	10.0	1.00		
			LN		M _S =4.9	8.0	12.3				LE			10.0	0.80		
			LE			8.0	13.5				LZ		M _S =4.1	16.0	0.60		
			LZ		M _S =4.8	9.0	14.5			SSE	20.5	67	-P	06 22 44.0	-1.2		
			Pn	06 19 49.8	1.7								PMZ		m _B =4.6	1.1	0.029
GYA	7.0	76	Sn	06 21 10.4	0.6								eS	06 26 24.0	-5.0		
			SMN		M _L =4.8	1.8	0.50			BJI	20.8	39	eP	06 22 49.5	0.5		
			SME			1.8	0.40						PMZ		m _B =5.0	1.5	0.11
			LN		M _S =5.1	10.0	13.0						sS	06 26 48.0	2.1		
			LE			10.0	6.00						LN		M _S =4.7	10.0	0.73
CD2	7.3	34	Pn	06 19 54.8	3.2								LE			10.0	0.86
			Pg	06 20 20.4	6.4								LZ		M _S =3.9	12.0	0.30
			SMN		M _L =4.8	1.4	0.31			WMQ	21.0	337	P	06 22 52.0	0.8		
			SME			1.4	0.43						PMZ		m _B =4.3	1.5	0.020
			LE		M _S =5.2	6.0	10.7						pP	06 22 59.0	1.6		
			LZ		M _S =4.7	8.0	4.30						sP	06 23 05.5	4.8		
LSA	8.5	306	P	06 20 12.6	1.1								PP	06 23 14.5	1.2		
			LN		M _S =4.2	8.0	1.09						S	06 26 45.0	5.8		
QZN	11.6	118	P	06 20 52.1	-1.2								LN		M _S =4.8	10.0	1.30
			eS	06 23 03.0	-0.2								LZ		M _S =4.4	12.0	0.92
			LN		M _S =4.5	11.0	1.00						P	06 23 18.0	1.2		
			LE			10.5	1.30						PMZ		m _B =5.4	1.2	0.19
LZH	11.9	19	+P	06 20 59.3	1.7								sS	06 27 43.0	5.3		
			PMZ		m _B =5.0	2.0	0.071						LE		M _S =4.5	10.0	0.56
			PMZ		m _B =5.2	5.0	0.29						LZ		M _S =4.4	10.0	0.64
			sP	06 21 11.0	4.7								P	06 23 26.0	2.3		
			eS	06 23 12.0	1.1								sS	06 27 56.0	6.2		
			LN		M _S =4.6	9.0	1.01						LE		M _S =5.0	8.0	1.40
			LE			9.0	1.34						+P	06 23 43.2	0.0		
			LZ		M _S =4.3	12.0	1.63						eP	06 24 03.0	-0.4		
XAN	12.5	41	P	06 21 06.0	0.2								PMZ		m _B =4.5	1.0	0.010
			sS	06 23 38.0	3.4								pP	06 24 08.0	-1.9		
			LN		M _S =5.0	6.0	1.29						eS	06 28 49.0	-0.8		
			LE			6.0	2.31						LN		M _S =4.4	10.0	0.24
WHN	14.6	64	P	06 21 31.7	-2.4								LE			10.0	0.24
			pP	06 21 38.0	-1.5								LZ		M _S =4.7	10.0	0.95
			eS	06 24 14.0	-3.0												
			LN		M _S =5.0	8.0	2.75										
			LE			8.0	1.28										
			LZ		M _S =4.5	10.0	1.52										
TIY	17.1	39	eP	06 22 05.7	-0.1												
			LN		M _S =4.5	9.0	0.95										
			LZ		M _S =4.3	12.0	0.84										
BTO	18.1	28	eP	06 22 16.4	-2.2												
			sS	06 25 50.0	3.2												
			LN		M _S =4.7	9.0	1.00										
			LE			9.0	1.00										
NJ2	18.8	63	+P	06 22 27.4	1.0												
			eS	06 25 58.0	5.7												
			LN		M _S =5.1	12.0	3.43										
			LE			11.0	1.47										
			LZ		M _S =4.6	10.0	1.28										
HHC	19.0	30	eP	06 22 30.0	0.5												
			PMZ		m _B =5.0	4.0	0.30										
			sS	06 26 12.0	5.2												
			SS	06 26 23.0	0.7												
			LN		M _S =4.6	9.0	0.80										
			LE			8.0	0.60										
<p>JUL 1d 06h 26m 51.4 \pm 0.11s, SD2.63 / 10 24.87 N \pm 0.83km, 99.07 E \pm 0.48km, h13 \pm 0.46km Burma-China border region (297) M_L3.5 / 6,</p>																	
			ePn	06 27 45.5	1.5			KMI	3.3	84	ePn	06 27 45.5	1.5				
			Pg	06 27 55.0	4.6						Pg	06 27 55.0	4.6				
			Sg	06 28 37.5	1.3						Sg	06 28 37.5	1.3				
			SMN		M _L =3.3						SMN		M _L =3.3	1.0	0.020		
			SME								SME			0.9	0.15		
			Pn	06 28 34.4	-0.2			GYA	7.0	75	Pn	06 28 34.4	-0.2				
			ePn	06 28 39.7	1.4			CD2	7.3	34	ePn	06 28 39.7	1.4				
<p>JUL 1d 07h 01m 11.1 \pm 0.04s, SD1.21 / 78 10.34 S \pm 0.55km, 124.04 E \pm 0.86km, h23 \pm 0.06km Timor (289) m_B5.0 / 19,</p>																	
			P	07 08 49.0	0.2			GYA	40.3	336	P	07 08 49.0	0.2				
			+P	07 08 55.5	1.3			KMI	40.9	330	+P	07 08 55.5	1.3				
			PMZ		m _B =5.4						PMZ		m _B =5.4	1.5	0.10		
			pP	07 09 03.0	1.4						pP	07 09 03.0	1.4				
			eP	07 09 01.4	1.1			WHN	41.7	347	eP	07 09 01.4	1.1				
			pP	07 09 05.5	-2.4						pP	07 09 05.5	-2.4				

CD2	45.4	335	P	07 09	30.0	-0.4		
			PMZ		$m_b = 5.0$		1.0	0.023
XAN	46.4	343	P	07 09	38.0	-0.4		
LZH	49.9	339	P	07 10	06.0	0.0		
			PMZ		$m_b = 5.1$		1.5	0.045
			pP	07 10	15.5	2.0		
			sP	07 10	21.0	4.2		
			LZ		$M_s = 4.2$		18.0	0.20
BJI	50.6	352	eP	07 10	10.0	-1.2		
SNY	51.9	360	eP	07 10	20.0	-0.7		
HHC	52.2	348	eP	07 10	23.1	-0.1		
CN2	53.9	1	eP	07 10	34.0	-1.5		
GTA	54.4	337	+P	07 10	39.0	-0.2		
MDJ	54.9	5	eP	07 10	43.0	-0.1		
			PMZ		$m_b = 5.6$		1.1	0.080
WMQ	63.2	331	P	07 11	40.5	-0.1		
			PMZ		$m_b = 5.2$		0.7	0.020
			pP	07 11	53.0	4.7		
			eS	07 20	14.0	4.4		
			ScS	07 21	27.0	-0.3		

JUL 1d 12h 21m $52.2 \pm 0.05s$, $SD2.44 / 9$
 $39.58 N \pm 0.40km$, $118.32 E \pm 0.39km$, $h17 \pm 0.40km$
 North-Eastern China (658)
 $M_L 3.0 / 10$,

BJI	1.7	286	ePn	12 22	20.0	-1.8		
			Pg	12 22	22.0	-0.6		
			Sg	12 22	45.0	-1.2		
			SMN		$M_L = 2.6$		0.5	0.065
			SME				0.5	0.059
TIY	5.0	250	ePg	12 23	18.6	-1.6		
			SME		$M_L = 3.0$		0.5	0.020
HHC	5.3	286	ePg	12 23	27.0	0.5		
			Sg	12 24	40.0	0.9		
			SMN		$M_L = 2.8$		0.8	0.010
			SME				0.8	0.011
			SMZ		$M_L = 2.7$		0.8	0.0050

JUL 1d 13h 32m $41.2 \pm 0.05s$, $SD1.70 / 205$
 $15.67 S \pm 1.35km$, $74.92 W \pm 1.38km$, $h17 \pm 0.33km$
 Off coast of Peru (114)
 $M_s 6.1 / 26$, $m_b 6.0 / 21$, $m_b 5.4 / 40$

MDJ	144.5	329	ePKP	13 52	16.3	-1.4		
			PP	13 55	38.3	2.0		
			LN		$M_s = 5.9$		18.0	0.67
			LE				16.0	0.86
			LZ		$M_s = 5.7$		24.0	1.51
KSH	145.2	41	PKP	13 52	21.0	1.9		
			LE		$M_s = 6.5$		16.0	3.70
CN2	147.0	332	PKP	13 52	22.0	-0.1		
			PKP2	13 52	25.0	-1.5		
			pPKP	13 52	32.0	5.2		
			PP	13 55	49.0	-2.7		
			PPMZ		$m_b = 6.1$		5.0	0.60
			eSS	14 14	48.0	-0.5		
			LN		$M_s = 6.3$		20.0	1.92
			LE				20.0	2.06
			LZ		$M_s = 6.4$		20.0	5.64
WMQ	148.3	24	ePKP	13 52	26.0	1.8		
			PP	13 55	54.0	-5.0		
			PPMZ				15.0	0.73
			LN		$M_s = 6.2$		18.0	2.04
			LZ		$M_s = 5.9$		20.0	1.76
SNY	149.4	332	PKP	13 52	27.0	1.0		
			PP	13 56	05.0	0.1		
			SS	14 15	08.0	-6.9		
			LE		$M_s = 6.2$		18.0	2.16
			LZ		$M_s = 6.0$		22.0	2.32

DL2	152.7	331	ePKP	13 52	34.0	3.2		
			LN		$M_s = 6.0$		18.0	1.94
			LZ		$M_s = 5.8$		20.0	1.24
BJI	153.9	340	ePKP	13 52	33.5	1.0		
			PPMZ		$m_b = 5.6$		10.0	0.51
			LE		$M_s = 6.0$		18.0	1.23
			LZ		$M_s = 5.8$		22.0	1.54
HHC	154.3	349	ePKP	13 52	34.0	0.8		
			PP	13 56	33.0	0.0		
			PPMZ		$m_b = 6.0$		8.0	0.85
			SKKS	14 03	20.0	2.3		
			SS	14 16	11.0	2.7		
			LN		$M_s = 6.2$		18.0	1.04
			LE				18.0	1.69
			LZ		$M_s = 6.2$		20.0	3.36
BTO	154.8	351	ePKP	13 52	35.2	1.3		
			PP	13 56	33.5	-1.8		
			PPMZ		$m_b = 5.9$		7.0	0.70
			SKKS	14 03	18.5	-2.5		
			SS	14 16	10.0	-3.9		
			LN		$M_s = 6.3$		20.0	1.90
			LE				20.0	2.00
			LZ		$M_s = 6.0$		20.0	2.20
GTA	155.9	10	PKP	13 52	36.8	1.5		
			PKP2	13 53	02.4	-0.9		
			LN		$M_s = 6.1$		20.0	1.95
			LZ		$M_s = 6.0$		22.0	2.30
TIA	156.9	335	PKP	13 52	38.4	1.8		
			LE		$M_s = 6.0$		18.0	1.30
			LZ		$M_s = 5.9$		22.0	1.70
TIY	157.1	345	ePKP	13 52	38.3	1.4		
			PP	13 56	46.0	-2.0		
			LN		$M_s = 6.2$		19.0	2.34
			LZ		$M_s = 6.1$		20.0	2.75
SSE	158.7	319	+PKP	13 52	39.0	0.1		
			sPKP	13 52	52.0	6.4		
			PKP2	13 53	14.0	-1.5		
			PP	13 56	54.0	-3.1		
			PPMZ		$m_b = 6.1$		5.0	0.91
			LN		$M_s = 6.1$		18.0	0.69
			LE				18.0	1.45
			LZ		$M_s = 6.1$		20.0	2.30
NJ2	159.4	325	+PKP	13 52	40.0	0.3		
			ePKP2	13 53	19.0	0.5		
			PP	13 57	00.0	-0.6		
			SS	14 17	04.0	0.4		
			LE		$M_s = 6.0$		19.0	1.51
			LZ		$M_s = 5.8$		20.0	1.18
LZH	159.6	3	+PKP	13 52	41.0	0.9		
			sPKP	13 52	51.0	4.4		
			PKP2	13 53	20.0	0.6		
			PP	13 57	01.0	-0.5		
			PPMZ		$m_b = 6.0$		7.0	0.84
			SS	14 17	03.0	-2.5		
			LE		$M_s = 6.1$		19.0	1.88
			LZ		$M_s = 5.8$		25.0	1.59
LSA	161.1	40	PKP	13 52	43.9	2.0		
			PKP2	13 53	30.0	4.5		
			PP	13 57	09.5	-0.2		
			PPMZ		$m_b = 6.0$		8.0	0.97
			LN		$M_s = 6.8$		22.0	9.45
XAN	161.4	350	ePKP	13 52	43.0	1.2		
WHN	162.9	332	ePKP	13 52	45.5	2.3		
			PKP2	13 53	34.0	0.4		
			PP	13 57	18.0	-1.1		
			PPMZ		$m_b = 6.0$		6.0	0.85
			SS	14 17	42.0	2.6		
			LE		$M_s = 6.0$		20.0	1.65

QZH	164.3	308	LZ	$M_s = 5.6$	20.0	0.75	LE							
			ePKP	13 52 47.0	2.4		LZ	$M_s = 6.0$	14.9	18.3				
			PKP2	13 53 42.0	2.2		+iP	05 20 50.5	0.5	16.0	30.7			
			LN	$M_s = 5.9$	19.0	1.26	PMZ	$m_b = 5.6$		0.8	0.078			
			LZ	$M_s = 5.7$	24.0	1.21	PMZ	$m_b = 6.3$		6.0	3.15			
CD2	164.8	4	ePKP	13 52 46.8	1.6		sP	05 21 08.0	-0.2					
			PP	13 57 26.0	-3.4		S	05 25 56.5	3.8					
			SS	14 18 00.0	1.0		LE	$M_s = 6.0$		14.0	17.2			
			LZ	$M_s = 5.9$	21.0	1.70	LZ	$M_s = 6.2$		19.0	46.9			
GYA	169.2	352	PKP	13 52 51.4	3.0		P	05 20 51.5	0.3					
			PKP2	13 54 05.0	4.1		PMZ	$m_b = 6.4$		5.0	3.10			
			SS	14 18 45.0	2.2		sP	05 21 12.0	3.1					
			LN	$M_s = 6.2$	22.0	1.80	iS	05 25 57.0	1.3					
			LE		22.0	2.40	ScS	05 31 16.0	1.2					
GZH	169.3	315	PKP	13 52 52.5	4.2		-P	05 20 52.4	-1.2					
			PKP2	13 54 06.0	4.7		PMZ	$m_b = 6.1$		7.0	2.47			
			PP	13 57 54.0	2.2		pP	05 21 04.0	-2.0					
			PPMZ	$m_b = 6.0$	6.0	1.02	S	05 25 59.0	0.0					
			SS	14 18 50.0	6.2		sS	05 26 26.0	4.1					
KMI	170.3	13	PKP	13 52 52.0	2.8		LE	$M_s = 6.2$		12.0	24.0			
			PP	13 57 55.0	-2.0		LZ	$M_s = 6.1$		22.0	44.6			
			PPMZ	$m_b = 5.6$	9.0	0.60	P	05 21 14.5	0.9					
			LZ	$M_s = 6.0$	22.0	2.30	PMZ	$m_b = 5.9$		0.5	0.10			
QZN	174.4	307	PKP	13 52 55.0	4.2		PMZ	$m_b = 6.1$		7.0	2.27			
			PKP2	13 54 27.0	3.1		PP	05 22 32.0	3.1					
			PP	13 58 18.5	1.3		S	05 26 38.0	2.8					
			PPMZ	$m_b = 6.0$	7.0	1.20	LN	$M_s = 6.4$		18.0	41.5			
			LN	$M_s = 6.1$	22.0	1.90	LE			15.0	23.7			
			LE		22.0	2.60	LZ	$M_s = 6.0$		20.0	24.9			
<p>JUL 1d 22h 55m $45.6 \pm 0.04s$, $SD0.97 / 41$ $6.47 S \pm 0.51km$, $154.99 E \pm 0.65km$, $h99 \pm 0.16km$ Solomon Islands (193) $m_b 4.9 / 14$,</p>							XAN	35.9	13	P	05 21 25.1	-2.3		
CN2	56.7	335	eP	23 05 19.5	-2.2		PMZ	$m_b = 5.8$		0.6	0.10			
XAN	59.3	316	eP	23 05 39.2	-0.8		PMZ	$m_b = 6.0$		8.0	2.16			
KMI	59.7	304	-P	23 05 44.0	1.1		PP	05 22 51.0	2.1					
			PMZ	$m_b = 5.1$	2.0	0.050	S	05 26 55.6	-4.4					
CD2	61.5	310	eP	23 05 55.2	0.6		LN	$M_s = 6.5$		14.0	44.0			
LZH	63.9	315	eP	23 06 11.0	-0.1		LE			14.0	18.8			
			PMZ	$m_b = 5.0$	1.0	0.021	+P	05 21 38.0	0.4					
GTA	68.4	317	P	23 06 39.5	0.4		PMZ	$m_b = 5.6$		2.0	0.21			
							PMZ	$m_b = 6.1$		7.0	2.17			
<p>JUL 2d 05h 14m $29.7 \pm 0.04s$, $SD1.35 / 435$ $1.04 S \pm 0.86km$, $99.82 E \pm 0.91km$, $h52 \pm 0.23km$ Southern Sumatera (274) $M_s 6.3 / 66$, $m_b 6.2 / 50$, $m_b 5.8 / 129$</p>							LZH	37.1	5	pP	05 21 51.0	0.8		
QZN	22.2	26	+iP	05 19 25.0	1.4		sP	05 21 59.0	3.1					
			PMZ	$m_b = 6.2$	7.0	8.20	PP	05 23 05.0	0.7					
			S	05 23 20.0	1.0		PcP	05 23 58.0	1.5					
			LN	$M_s = 6.0$	11.0	8.90	S	05 27 17.5	-0.9					
			LE		13.0	27.3	ScP	05 27 40.0	2.5					
KMI	26.2	6	+P	05 20 02.5	0.7		sS	05 27 44.0	2.6					
			S	05 24 30.0	3.5		PcS	05 27 48.0	4.5					
			LN	$M_s = 6.1$	8.0	5.60	SS	05 29 48.0	-2.9					
			LE		7.0	15.5	ScS	05 31 46.0	2.2					
GZH	27.4	28	P	05 20 11.5	-0.8		LN	$M_s = 6.1$		13.0	14.7			
			PMZ	$m_b = 5.3$	0.8	0.050	LZ	$M_s = 6.3$		22.0	48.2			
			PMZ	$m_b = 6.1$	6.0	2.56	+P	05 21 40.0	-0.8					
			S	05 24 50.0	4.4		PMZ	$m_b = 5.9$		0.8	0.14			
			LN	$M_s = 6.4$	16.0	54.9	PMZ	$m_b = 6.2$		7.0	2.99			
			LE		15.0	27.3	PP	05 23 14.0	5.0					
			LZ	$M_s = 6.1$	22.0	54.3	S	05 27 19.0	-5.4					
GYA	28.1	13	+iP	05 20 18.0	-1.4		LN	$M_s = 6.4$		15.0	24.2			
			PMZ	$m_b = 5.2$	1.0	0.050	LE			13.0	19.0			
			PMZ	$m_b = 6.1$	6.0	2.50	LZ	$M_s = 6.0$		20.0	21.6			
			pP	05 20 29.6	-2.0		+iP	05 21 44.0	0.4					
			LN	$M_s = 6.4$	14.0	49.5	PMZ	$m_b = 5.9$		0.9	0.18			
							PMZ	$m_b = 6.4$		6.0	3.65			
							pP	05 22 02.0	5.5					
							PP	05 23 17.0	4.0					
							S	05 27 28.0	-1.6					
							ScP	05 27 36.0	-4.2					
							PcS	05 27 44.0	-2.2					
							ScS	05 31 46.0	-1.9					

GTA	40.3	360	LN	$M_s = 6.5$	16.0	36.8	PMZ	$m_B = 6.3$	12.0	International Seismological Centre	
			LE		16.0	25.6		sP	05 23 04.0		-4.4
			LZ	$M_s = 6.4$	20.0	62.0		PcP	05 24 26.0		0.6
			+iP	05 22 04.2	0.5			PP	05 24 36.0		-1.3
			PMZ	$m_B = 6.3$	9.0	4.16		ScP	05 28 17.3		5.0
			pP	05 22 19.0	2.6			PcS	05 28 20.0		1.6
			PP	05 23 40.0	-0.1			iS	05 29 32.0		2.1
			ScP	05 27 54.0	4.6			SMN			6.0
TIY	40.3	16	LN	$M_s = 6.0$	13.0	11.0	ScS	05 32 42.0	5.1		
			LZ	$M_s = 6.2$	20.0	33.1	LN	$M_s = 5.9$	15.0	6.58	
			+P	05 22 03.3	-0.5		LZ	$M_s = 5.7$	36.0	16.9	
			PMZ	$m_b = 5.5$	0.8	0.064	+iP	05 23 02.5	-1.6		
			PMZ	$m_B = 6.1$	10.0	2.98	PMZ	$m_b = 5.6$	0.8	0.062	
			PP	05 23 42.0	1.5		PMZ	$m_B = 6.3$	7.0	2.93	
			PcP	05 24 05.5	-0.9		sP	05 23 20.0	-2.7		
			sS	05 28 22.5	-6.7		iS	05 29 52.0	-3.7		
TIA	40.4	22	LN	$M_s = 6.1$	15.0	16.7	LN	$M_s = 6.3$	15.0	7.92	
			LZ	$M_s = 6.0$	24.0	26.9	LE		15.0	16.6	
			eP	05 22 04.4	-0.4		LZ	$M_s = 6.4$	16.0	36.0	
			PMZ	$m_B = 6.0$	9.0	2.28	+P	05 23 21.0	-1.7		
			sP	05 22 21.0	-2.4		PMZ	$m_b = 6.0$	1.0	0.20	
			LN	$M_s = 6.5$	16.0	43.7	PMZ	$m_B = 6.4$	6.0	2.65	
			LZ	$M_s = 6.4$	18.0	48.5	pP	05 23 33.0	-2.7		
			P	05 22 21.0	-0.9		PcP	05 24 41.0	0.4		
BTO	42.5	12	PMZ	$m_B = 6.1$	8.0	2.50	PP	05 25 17.0	-1.2		
			sP	05 22 39.0	-1.3		ScP	05 28 31.0	0.9		
			PP	05 24 04.0	0.9		eS	05 30 26.0	-3.3		
			S	05 28 42.0	3.6		SS	05 33 56.0	-2.7		
			sS	05 29 04.0	2.4		LN	$M_s = 6.7$	16.0	36.7	
			ScS	05 32 17.5	2.4		LE		16.0	12.6	
			LN	$M_s = 6.7$	15.0	46.6	LZ	$M_s = 6.7$	20.0	79.0	
			LE		15.0	21.6	+P	05 23 41.0	0.0		
HHC	43.0	13	LZ	$M_s = 6.5$	15.0	44.4	PMZ	$m_b = 5.9$	1.0	0.17	
			eP	05 22 26.5	0.0		S	05 31 00.0	-1.5		
			PMZ	$m_b = 6.0$	0.8	0.20	LZ	$M_s = 6.4$	20.0	37.3	
			PMZ	$m_B = 6.1$	8.6	2.74	JUL 2d 06h 08m $08.9 \pm 0.04s$, SD1.19 / 358 23.21 S $\pm 0.88km$, 179.12 W $\pm 0.89km$, h429 $\pm 0.21km$ South of Fiji (171) $m_B 5.8 / 11$, $m_b 5.6 / 95$,				
			sP	05 22 42.5	-2.5		QZH	77.1 304	+iP	06 19 18.0	-0.4
			PP	05 24 10.0	1.3		PMZ	$m_b = 5.7$	0.8	0.14	
			S	05 28 47.0	0.3		PMZ	$m_B = 5.8$	4.0	0.87	
			sS	05 29 08.5	-1.5		S	06 28 31.0	0.9		
BJI	43.5	18	ScS	05 32 24.0	5.5		-P	06 19 26.0	-1.0		
			LN	$M_s = 6.5$	14.0	26.3	PMZ	$m_b = 5.1$	1.0	0.049	
			LE		14.0	11.5	PP	06 22 28.5	-4.6		
			LZ	$M_s = 6.6$	15.0	55.0	ScS	06 29 02.0	-3.3		
			eP	05 22 30.0	-0.4		+iP	06 19 38.7	0.3		
			PMZ	$m_b = 6.0$	0.8	0.18	PMZ	$m_b = 5.5$	1.0	0.10	
			PMZ	$m_B = 6.2$	8.0	2.59	PMZ	$m_B = 5.8$	4.0	0.92	
			PP	05 24 14.0	0.5		pP	06 21 16.4	2.6		
DL2	44.5	24	eScP	05 28 07.0	4.6		S	06 29 12.0	2.8		
			eS	05 28 54.0	-0.9		SKS	06 29 16.0	4.8		
			eSS	05 32 00.0	-3.3		+P	06 19 45.0	-0.3		
			eScS	05 32 23.0	1.4		PMZ	$m_b = 5.8$	1.4	0.31	
			LN	$M_s = 6.2$	13.0	7.10	WHN	83.2 307	-iP	06 19 51.5	0.8
			LE		13.0	11.2	PMZ	$m_b = 5.3$	1.0	0.060	
			LZ	$M_s = 6.0$	20.0	20.9	pP	06 21 29.5	2.9		
			+P	05 22 37.0	-1.3		+iP	06 19 52.0	-0.7		
KSH	45.9	334	PMZ	$m_b = 6.2$	1.0	0.38	PMZ	$m_b = 5.6$	1.4	0.17	
			PMZ	$m_B = 6.4$	6.0	3.58	+iP	06 19 53.2	-0.5		
			S	05 29 07.5	-0.7		PMZ	$m_b = 6.1$	1.4	0.50	
			SME		7.0	4.10	pP	06 21 30.0	0.2		
			LN	$M_s = 6.5$	15.0	29.7	sP	06 22 16.0	2.9		
			LE		16.0	12.0	SKS	06 29 30.0	-1.7		
			LZ	$M_s = 6.2$	16.0	24.3	eS	06 29 40.0	-0.7		
			+P	05 22 50.0	0.3		+P	06 19 56.0	-0.3		
WMQ	45.9	348	sP	05 23 11.0	2.9						
			S	05 29 31.0	2.8						
			LE	$M_s = 6.0$	10.0	6.70					
			+iP	05 22 50.5	0.6						

BJI	87.1 316	PMZ	$m_b = 5.9$	1.1	0.29	27.63 N ± 1.05km, 93.49 E ± 0.56km, h16 ± 0.05km India-China border region (313) $M_L 3.2 / 1,$ LSA 2.9 316 Pn 18 16 34.5 -1.1 eSn 18 17 17.4 5.7 SMN $M_L = 3.2$ 0.5 0.081 SME 0.5 0.13
		pP	06 21 34.4	1.9		
		S	06 29 47.0	2.9		
		SKS	06 29 38.5	3.3		
		eP	06 20 09.5	0.0		
		PMZ	$m_b = 5.9$	2.0	0.46	
		PMZ	$m_B = 5.9$	4.0	0.89	
		epP	06 21 45.0	-1.3		
		esP	06 22 28.0	-1.6		
		ePP	06 23 44.0	2.1		
GYA	87.1 300	eSKS	06 29 54.0	0.8		JUL 2d 19h 54m 29.5 ± 0.04s, SD1.24 / 126 11.36 N ± 1.26km, 85.60 W ± 0.94km, h29 ± 0.11km Off coast of Costa Rica (77) $m_b 4.7 / 33,$ WMQ 124.8 6 PKP 20 13 28.5 0.6 BJI 125.0 340 ePKP 20 13 28.5 0.3 HHC 125.7 344 ePKP 20 13 31.0 1.3 TIA 128.1 337 ePKP 20 13 34.3 0.1 TIY 128.3 342 -PKP 20 13 34.8 0.0 GTA 129.2 355 PKP 20 13 37.6 1.0 SSE 130.6 329 PKP 20 13 39.0 0.1 NJ2 130.9 332 ePKP 20 13 40.0 0.4 LZH 132.0 350 ePKP 20 13 43.0 1.2 XAN 132.8 344 -PKP 20 13 44.0 0.7 CD2 137.0 348 PKP 20 13 52.4 1.3 GYA 140.6 343 PKP 20 13 57.8 0.2 QZN 146.2 333 PKP 20 14 09.6 2.4
		eS	06 30 16.0	4.3		
		+iP	06 20 09.4	-0.3		
		PMZ	$m_b = 5.1$	1.2	0.040	
		pP	06 21 48.0	1.7		
		SKS	06 29 57.0	3.8		
		SMN		6.0	0.60	
		SME		6.0	0.80	
		+P	06 20 15.0	-0.4		
		PMZ	$m_b = 5.9$	1.3	0.29	
XAN	89.0 308	pP	06 21 55.0	2.6		
		SKS	06 30 03.0	2.2		
		+iP	06 20 18.8	0.4		
		PMZ	$m_b = 5.8$	1.5	0.22	
		PMZ	$m_B = 5.8$	4.0	0.70	
		pP	06 21 58.8	3.3		
		+P	06 20 23.0	1.2		
		PMZ	$m_b = 6.0$	1.5	0.40	
		SKS	06 30 12.0	3.1		
		+iP	06 20 26.0	0.4		
KMI	89.7 298	PMZ	$m_b = 5.6$	1.4	0.12	JUL 2d 21h 24m 02.7 ± 0.03s, SD0.95 / 339 72.98 N ± 0.45km, 12.27 E ± 0.59km, h10 ± 0.05km Norwegian Sea (642) $M_S 5.1 / 19, m_b 5.3 / 2, m_b 5.2 / 92$ WMQ 44.5 88 +P 21 32 18.5 1.5 PMZ $m_b = 5.4$ 1.0 0.060 pP 21 32 23.0 0.6 PcP 21 34 00.0 0.1 PP 21 34 05.5 3.9 eS 21 38 54.0 1.7 LN $M_S = 5.0$ 10.0 0.61 LZ $M_S = 4.8$ 21.0 1.25 KSH 45.0 102 P 21 32 23.0 1.9 S 21 39 04.0 5.7 LE $M_S = 5.6$ 8.0 2.20 GTA 52.1 79 +iP 21 33 16.4 0.3 PMZ $m_B = 5.4$ 3.5 0.21 pP 21 33 23.0 1.7 sP 21 33 28.4 4.3 PcP 21 34 27.0 -0.1 PP 21 35 15.6 1.5 eS 21 40 42.0 2.8 LN $M_S = 5.0$ 20.0 1.08 LZ $M_S = 5.0$ 22.0 1.45 BTO 53.9 69 eP 21 33 27.8 -1.4 pP 21 33 34.0 -0.6 PP 21 35 28.0 -3.0 eS 21 41 10.0 6.6 LN $M_S = 5.4$ 17.0 0.60 LE 15.0 1.60 LZ $M_S = 5.0$ 17.0 1.20 HHC 54.1 68 P 21 33 31.0 0.4 PMZ $m_b = 5.0$ 1.5 0.030 LE $M_S = 5.0$ 10.0 0.44 LZ $M_S = 4.8$ 22.0 0.90 CN2 54.9 54 P 21 33 35.8 -0.6 PMZ $m_b = 5.0$ 1.0 0.020 esP 21 33 48.0 3.4 LN $M_S = 5.3$ 10.0 0.23 LE 10.0 0.83 LZ $M_S = 5.2$ 18.0 2.10 MDJ 55.1 51 eP 21 33 37.3 -0.6
		PMZ	$m_b = 5.9$	4.0	0.75	
		P	06 20 30.5	0.9		
		P	06 20 28.8	-0.9		
		+iP	06 20 40.0	0.1		
		PMZ	$m_b = 5.7$	1.5	0.14	
		PMZ	$m_B = 5.8$	4.0	0.38	
		SKS	06 30 32.0	1.1		
		SME		6.0	0.63	
		+P	06 20 59.0	-0.4		
GTA	97.9 309	pP	06 22 33.8	-3.2		
		PP	06 25 07.0	1.0		
		SKS	06 30 53.6	-0.3		
		JUL 2d 13h 39m 08.0 ± 0.05s, SD1.63 / 94 7.37 S ± 1.90km, 81.04 W ± 1.65km, h30 ± 0.16km Off coast of Northern Peru (108) $M_S 5.8 / 2, m_b 4.9 / 23,$ WMQ 142.4 13 PKP 13 58 35.0 -4.0 BJI 144.0 337 ePKP 13 58 38.5 -3.1 HHC 144.8 343 -PKP 13 58 42.2 -1.1 LZ $M_S = 5.7$ 14.0 0.81 BTO 145.5 345 PKP 13 58 43.4 -1.0 TIA 146.8 333 ePKP 13 58 46.7 0.1 TIY 147.4 340 ePKP 13 58 47.4 -0.2 GTA 148.1 359 PKP 13 58 49.2 0.4 SSE 148.6 322 +PKP 13 58 53.0 3.7 NJ2 149.2 326 -PKP 13 58 54.4 4.0 pPKP 13 59 04.6 5.5 LZH 151.1 352 PKP 13 58 54.0 0.5 pPKP 13 59 07.5 5.5 LE $M_S = 5.8$ 16.0 0.77 LZ $M_S = 5.5$ 21.0 0.76 XAN 151.9 342 PKP 13 58 55.0 0.4 CD2 156.2 350 ePKP 13 59 00.6 0.2 GYA 159.7 340 PKP 13 59 05.0 0.1				
		CD2	91.4 303	P	06 20 30.5	0.9
		BTO	91.4 314	P	06 20 28.8	-0.9
		LZH	93.6 308	+iP	06 20 40.0	0.1
		PMZ	$m_b = 5.7$	1.5	0.14	
		PMZ	$m_B = 5.8$	4.0	0.38	
		SKS	06 30 32.0	1.1		
SME		6.0	0.63			
+P	06 20 59.0	-0.4				
GTA	97.9 309	pP	06 22 33.8	-3.2		
		PP	06 25 07.0	1.0		
		SKS	06 30 53.6	-0.3		
		JUL 2d 18h 15m 49.0 ± 0.12s, SD3.44 / 6				

			PMZ	$m_b = 4.6$	1.0	0.0080	KMI	57.9	304	eP	22 06 31.0	1.6		
			LZ	$M_S = 4.8$	20.0	0.93	CD2	59.6	310	P	22 06 41.0	-0.1		
BJI	56.1	64	eP	21 33 44.5	-0.5					PMZ	$m_b = 5.9$	0.8	0.13	
			PMZ	$m_b = 5.0$	1.4	0.029	HHC	59.8	324	eP	22 06 42.0	-0.6		
			ePP	21 35 51.0	0.2					PMZ	$m_b = 4.8$	1.2	0.015	
			eS	21 41 36.0	3.6		BTO	60.5	323	P	22 06 46.4	-1.4		
			LE	$M_S = 5.3$	20.0	1.68	LZH	62.0	316	+iP	22 06 59.0	1.1		
			LZ	$M_S = 4.9$	20.0	1.01				PMZ	$m_b = 5.7$	1.4	0.14	
SNY	56.3	57	-iP	21 33 46.2	-0.3		GTA	66.5	317	+iP	22 07 27.3	0.7		
			PMZ	$m_b = 4.9$	1.0	0.017				PMZ	$m_b = 5.5$	3.5	0.21	
			S	21 41 33.0	-1.1		LSA	69.1	304	P	22 07 44.5	0.9		
			LZ	$M_S = 4.9$	20.0	0.97	WMQ	76.5	317	+iP	22 08 27.5	0.6		
LZH	56.4	77	+P	21 33 47.0	-0.3					PMZ	$m_b = 5.1$	0.7	0.020	
			PMZ	$m_b = 5.1$	1.5	0.043				pP	22 08 39.0	-2.8		
			PMZ	$m_b = 5.1$	10.0	0.27	KSH	83.8	311	P	22 09 07.0	1.2		
			pP	21 33 52.5	-0.1									
			sP	21 33 58.0	2.7									
			LN	$M_S = 5.1$	15.0	0.80								
			LZ	$M_S = 5.0$	22.0	1.27								
TIY	57.3	68	-iP	21 33 53.1	-0.4									
			S	21 41 40.5	-6.3									
			sS	21 41 54.0	-3.1									
			LE	$M_S = 5.0$	15.0	0.65								
			LZ	$M_S = 4.9$	18.0	0.85								
LSA	58.6	91	P	21 34 04.5	0.9									
XAN	59.7	73	+P	21 34 10.0	-0.7									
			PMZ	$m_b = 5.2$	1.0	0.029								
TIA	59.9	65	eP	21 34 12.1	0.0									
			LE	$M_S = 5.1$	17.0	0.86								
			LZ	$M_S = 4.8$	18.0	0.70								
CD2	61.2	79	eP	21 34 20.0	-0.7									
			PMZ	$m_b = 5.2$	1.0	0.029								
			LZ	$M_S = 4.9$	20.0	0.93								
NJ2	64.3	65	eP	21 34 40.0	-1.5									
			eS	21 43 18.0	-0.4									
			LZ	$M_S = 4.6$	16.0	0.29								
WHN	64.5	69	+P	21 34 42.5	-0.3									
SSE	65.8	63	+P	21 34 49.5	-1.8									
			PMZ	$m_b = 5.2$	0.6	0.020								
			LE	$M_S = 5.2$	20.0	0.95								
			LZ	$M_S = 4.7$	20.0	0.46								
GYA	66.2	78	P	21 34 52.6	-1.2									
			PMZ	$m_b = 5.3$	1.0	0.040								
			S	21 43 43.0	2.7									
			LN	$M_S = 5.5$	18.0	1.00								
			LE		18.0	1.30								
			LZ	$M_S = 5.0$	20.0	0.90								
KMI	66.3	82	-P	21 34 54.0	-0.6									
			PMZ	$m_b = 5.3$	2.0	0.070								
<p>JUL 2d 23h 31m 57.8 ± 0.04s, SD1.49 / 98 32.09 N ± 0.65km, 85.08 E ± 0.50km, h16 ± 0.07km Tibet (306) $M_S 4.9 / 38, m_b 4.6 / 28,$</p>														
							LSA	5.7	113	+Pn	23 33 28.0	4.7		
										Sg	23 35 00.0	2.5		
										LN	$M_S = 4.8$	9.0	8.93	
							KSH	10.5	317	P	23 34 31.0	-0.2		
										S	23 36 30.0	1.0		
										LN	$M_S = 5.3$	8.0	10.0	
							WMQ	11.9	9	eP	23 34 51.5	1.4		
										eS	23 37 01.0	-2.6		
										LN	$M_S = 4.3$	10.0	0.95	
										LZ	$M_S = 4.1$	21.0	1.61	
							GTA	14.0	54	eP	23 35 17.5	-1.0		
										sP	23 35 27.0	-0.2		
										LN	$M_S = 4.8$	13.0	3.49	
										LZ	$M_S = 4.3$	16.0	1.74	
							CD2	16.0	89	eP	23 35 43.8	-0.3		
										PMZ	$m_b = 5.1$	1.4	0.11	
										sS	23 38 50.0	0.4		
										LN	$M_S = 5.0$	9.0	3.10	
										LZ	$M_S = 4.6$	12.0	2.00	
							LZH	16.0	70	P	23 35 46.0	0.9		
										PMZ	$m_b = 5.1$	1.5	0.15	
										pP	23 35 54.5	4.4		
										sS	23 38 58.0	6.9		
										LN	$M_S = 5.2$	13.0	6.45	
										LZ	$M_S = 4.8$	12.0	3.16	
							KMI	17.0	110	+P	23 35 55.8	-1.0		
										PMZ	$m_b = 4.7$	1.5	0.060	
										LN	$M_S = 4.3$	9.0	0.60	
							GYA	19.6	101	+iP	23 36 27.0	-2.1		
										PMZ	$m_b = 4.4$	1.2	0.020	
										pP	23 36 37.6	3.0		
										PP	23 36 49.0	2.5		
										S	23 40 05.0	1.2		
										LN	$M_S = 4.9$	12.0	2.00	
										LE		12.0	0.90	
										LZ	$M_S = 4.2$	16.0	0.80	
							XAN	20.1	78	-P	23 36 32.0	-1.8		
										PMZ	$m_b = 4.6$	1.0	0.026	
										sS	23 40 20.0	-2.4		
										LN	$M_S = 4.8$	9.0	1.00	
										LE		9.0	0.90	
							BTO	21.8	60	eP	23 36 50.8	-0.4		
										sS	23 40 59.5	3.3		
										LN	$M_S = 4.9$	11.0	1.90	
										LE		14.0	1.20	
										LZ	$M_S = 4.6$	14.0	1.40	
							HHC	23.0	60	eP	23 37 04.0	0.9		
										sS	23 41 24.0	5.7		

			LE		$M_s=4.6$	12.0	0.96			Sn	23 47 54.0	6.2				
			LZ		$M_s=4.8$	18.0	2.90			SMN		$M_L=3.9$	1.0	0.090		
TIY	23.1	68	+iP	23 37	04.0	-0.3				SME			1.0	0.070		
			sS	23 41	20.0	-0.6				LN		$M_s=4.2$	8.0	0.80		
			LN		$M_s=5.0$	15.0	2.82			LE			8.0	1.40		
			LZ		$M_s=4.6$	14.0	1.43		LSA	8.3	297	P	23 47 04.7	-0.2		
WHN	25.0	86	P	23 37	25.5	2.5			LZH	10.5	19	cP	23 47 36.0	1.0		
			sP	23 37	36.6	4.3						PMZ		$m_b=4.8$	2.0	0.053
			sS	23 41	52.0	-2.2						LE		$M_s=4.1$	8.0	0.66
			LN		$M_s=4.9$	9.0	1.05					LZ		$M_s=3.9$	14.0	0.85
			LE			10.0	1.04		XAN	11.2	43	cP	23 47 41.4	-2.9		
BJI	26.3	64	cP	23 37	36.0	1.4						LN		$M_s=4.2$	12.0	0.79
			PMZ		$m_b=4.7$	1.2	0.020					LE			12.0	0.51
			LN		$M_s=4.8$	12.0	1.24		GTA	13.2	0	cP	23 48 15.6	4.2		
			LZ		$M_s=4.4$	16.0	0.87					LE		$M_s=4.0$	9.0	0.43
TIA	26.8	72	cP	23 37	39.8	0.5						LZ		$M_s=3.9$	10.0	0.45
			LN		$M_s=5.0$	15.0	2.60		TIY	15.8	40	cP	23 48 48.1	3.0		
			LZ		$M_s=4.7$	12.0	1.10					LN		$M_s=4.1$	9.0	0.37
NJ2	28.6	81	cP	23 37	54.0	-1.5						LZ		$M_s=4.0$	11.0	0.49
			LN		$M_s=4.8$	11.0	0.49		BTO	16.8	28	cP	23 48 57.4	-0.2		
			LE			10.0	0.88					LN		$M_s=4.2$	11.0	0.30
			LZ		$M_s=4.4$	15.0	0.64					LE			11.0	0.50
SSE	30.7	82	P	23 38	15.0	0.5			HHC	17.7	31	P	23 49 07.6	-1.2		
			sS	23 43	27.0	0.8						LN		$M_s=4.0$	9.0	0.23
			LN		$M_s=5.0$	12.0	1.61					LE			9.0	0.19
			LZ		$M_s=4.6$	20.0	1.38		TIA	18.0	52	cP	23 49 11.7	-0.6		
SNY	32.0	61	cP	23 38	27.0	0.6						LE		$M_s=4.1$	11.0	0.44
			sS	23 43	46.0	-1.3						LZ		$M_s=3.8$	14.0	0.35
			LN		$M_s=4.9$	11.0	1.09		BJI	19.5	41	cP	23 49 31.0	-0.1		
			LZ		$M_s=4.2$	22.0	0.50		WMQ	20.1	334	P	23 49 37.0	-1.0		
CN2	33.6	58	cP	23 38	40.0	-0.1						sP	23 49 49.0	3.2		
			PMZ		$m_b=4.7$	0.8	0.010					LZ		$M_s=4.0$	10.0	0.30
			pP	23 38	50.0	3.6			SNY	25.1	45	cP	23 50 29.8	2.3		
			eS	23 44	08.0	6.8										
			LN		$M_s=4.8$	13.0	0.92									
			LE			13.0	0.24									
			LZ		$M_s=5.2$	16.0	3.94									
<p>JUL 3d 12h 38m $18.1 \pm 0.07s$, $SD2.27 / 8$ $24.78 N \pm 0.61km$, $98.94 E \pm 0.46km$, $h9 \pm 0.07km$ Burma-China border region (297) $M_L3.6 / 6$,</p>										<p>JUL 4d 06h 26m $31.2 \pm 0.05s$, $SD1.26 / 252$ $42.43 N \pm 0.88km$, $44.13 E \pm 0.44km$, $h20 \pm 0.16km$ Turkey-USSR border region (367) $M_s5.3 / 34$, $m_b5.7 / 11$, $m_b5.0 / 90$</p>						
KMI	3.5	83	Pg	12 39	21.5	1.7			KSH	24.1	86	P	06 31 50.0	2.9		
			Sg	12 40	04.0	-3.0						sS	06 36 16.0	3.9		
			SMN		$M_L=4.1$	1.0	0.75					LE		$M_s=5.6$	9.0	6.60
			SME			1.5	0.35		WMQ	31.6	72	+P	06 32 55.5	0.4		
<p>JUL 3d 23h 45m $00.3 \pm 0.08s$, $SD2.35 / 50$ $26.16 N \pm 0.72km$, $99.68 E \pm 0.71km$, $h8 \pm 0.25km$ Yunnan Province (318) $M_s4.2 / 15$, $M_L4.1 / 8$, $m_b4.4 / 6$</p>										<p>WMQ 31.6 72 +P 06 32 55.5 0.4 PMZ $m_b=5.6$ 0.8 0.080 pP 06 32 59.0 -3.0 PP 06 33 56.5 -2.4 eS 06 38 07.0 5.2 LN $M_s=5.6$ 9.0 4.01</p>						
KMI	2.9	109	ePn	23 45	50.0	2.0			GTA	41.6	75	+P	06 34 20.4	0.7		
			Pg	23 45	54.0	1.7						PMZ		$m_b=5.8$	5.0	0.74
			Sg	23 46	37.5	4.9						pP	06 34 26.4	-0.3		
			SMN		$M_L=4.4$	1.0	1.90					sP	06 34 30.4	0.4		
			SME			1.0	1.50		LZH	45.8	77	+iP	06 34 55.5	1.0		
			LN			4.0	4.00					PMZ		$m_b=5.3$	1.5	0.074
			LE			3.0	3.40					PMZ		$m_b=5.7$	5.0	0.58
			LZ			8.0	2.80					pP	06 35 02.0	0.5		
CD2	5.9	36	Pn	23 46	32.0	3.0						sP	06 35 10.0	5.3		
			Pg	23 46	50.0	4.8						PP	06 36 43.0	1.5		
			Sg	23 48	13.0	6.5						eS	06 41 38.0	0.8		
			SMN		$M_L=4.4$	1.2	0.32					sS	06 41 48.0	-0.9		
			SME			1.0	0.24					SS	06 44 53.0	0.4		
			LE		$M_s=4.5$	7.0	3.30					LN		$M_s=5.4$	10.0	1.19
			LZ		$M_s=4.4$	8.0	2.80					LE			9.0	0.63
GYA	6.3	86	Pn	23 46	36.8	3.1						LZ		$M_s=5.3$	20.0	3.16
			Pg	23 46	56.8	5.7			BTO	48.2	69	P	06 35 13.0	-0.3		

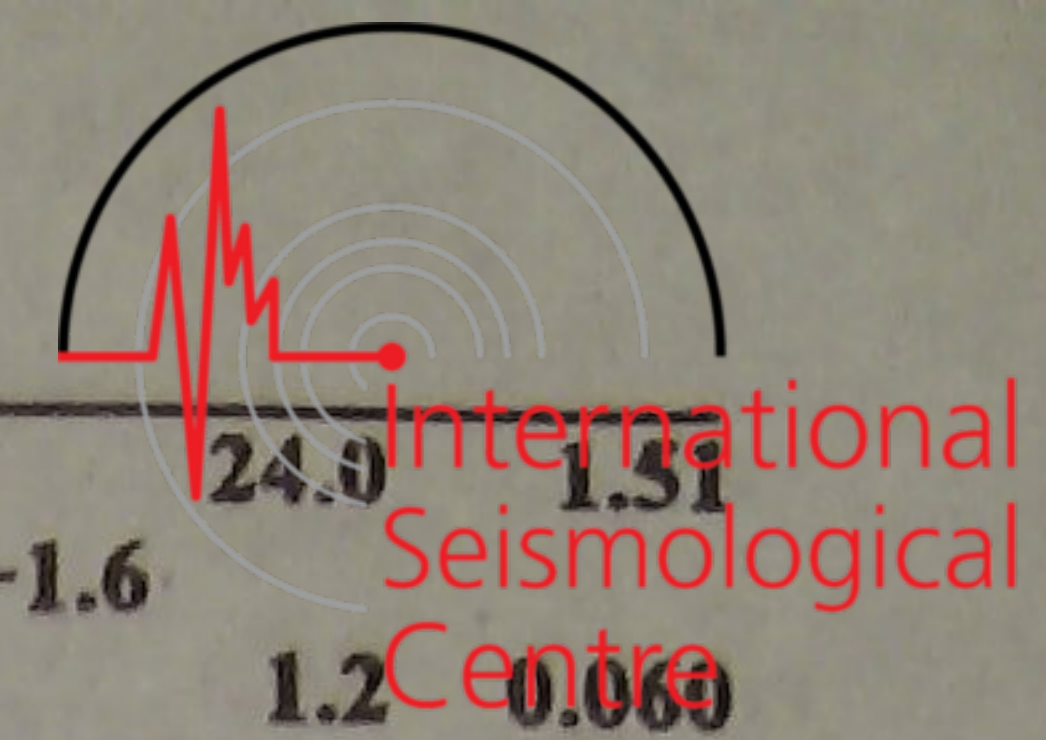


			PP	06 37	09.5	5.3				PMZ		$m_B=5.8$				
			sS	06 42	20.0	-3.0				eS	06 44	12.0	2.4	51.0	0.22	
			LN		$M_S=5.3$	11.0	1.10			LE		$M_S=5.3$	12.0	1.07		
			LE			11.0	0.70			LZ		$M_S=5.0$	20.0	1.30		
			LZ		$M_S=5.1$	12.0	1.20		CN2	57.0	59					
CD2	48.3	83	P	06 35	14.4	0.8				P	06 36	17.6	-1.0			
			PMZ		$m_b=5.1$	1.0	0.029			PMZ		$m_b=4.7$	1.0	0.010		
			S	06 42	15.0	4.4				PMZ		$m_B=5.5$	5.0	0.36		
			sS	06 42	22.0	-1.7				eS	06 44	13.0	2.5			
HHC	49.2	68	eP	06 35	21.4	0.7				LN		$M_S=5.5$	12.0	0.81		
			PMZ		$m_b=5.0$	1.2	0.027			LE			12.0	1.16		
			pP	06 35	28.0	0.3			NJ2	58.6	74	-P	06 36	29.5	-0.4	
			PP	06 37	19.0	5.2				pP	06 36	37.0	-0.2			
			S	06 42	29.0	5.8				LE		$M_S=5.1$	14.0	0.72		
			ScS	06 45	09.0	1.3				LZ		$M_S=4.9$	14.0	0.59		
			LN		$M_S=5.3$	10.0	1.07		MDJ	59.2	56	eP	06 36	34.5	0.7	
			LE			11.0	0.54			eS	06 44	34.0	-5.0			
			LZ		$M_S=5.2$	16.0	2.13			LN		$M_S=5.6$	10.0	0.87		
XAN	50.5	77	+P	06 35	30.2	-0.2				LE			12.0	1.64		
			PMZ		$m_b=5.2$	1.0	0.035			LZ		$M_S=5.0$	18.0	1.09		
			pP	06 35	37.5	0.0			QZN	59.6	91	eP	06 36	36.0	-0.7	
			sP	06 35	39.0	-1.7			SSE	60.8	73	+P	06 36	44.7	-0.2	
			sS	06 42	54.0	-0.2				PMZ		$m_b=5.3$	1.0	0.037		
			LN		$M_S=5.5$	11.0	1.70			PMZ		$m_B=5.5$	6.0	0.41		
			LE			14.0	1.37			S	06 44	58.0	-0.7			
KMI	50.7	90	+P	06 35	32.0	-0.2				sS	06 45	10.0	-2.0			
			pP	06 35	37.5	-1.7				LN		$M_S=5.0$	12.0	0.27		
			S	06 42	50.0	6.1				LE			12.0	0.33		
			LZ		$M_S=5.0$	22.0	1.60			LZ		$M_S=4.9$	22.0	0.95		
TIY	51.2	71	P	06 35	35.4	-0.6										
			PMZ		$m_b=5.2$	1.0	0.035									
			PMZ		$m_B=5.6$	6.0	0.56		JUL 4d 06h 54m $15.9 \pm 0.05s$, SD1.46 / 158							
			S	06 42	56.5	5.5			8.43 S $\pm 0.86km$, 111.01 E $\pm 1.05km$, h114 $\pm 0.38km$							
			sS	06 43	04.0	-0.3			Java							
			LN		$M_S=5.2$	11.0	0.99		(277)							
			LZ		$M_S=5.1$	22.0	1.83		$m_b5.4 / 1, m_b5.4 / 48,$							
BJI	52.7	67	eP	06 35	47.0	-0.1			GYA	34.9	353	P	07 01	01.0	1.8	
			PMZ		$m_b=5.0$	1.5	0.035				PMZ		$m_b=4.9$	1.0	0.018	
			pP	06 35	54.0	-0.4					PcP	07 03	30.2	1.3		
			eS	06 43	19.0	6.4			WHN	38.9	5	-P	07 01	34.0	1.8	
			LN		$M_S=5.4$	11.0	1.00				PMZ		$m_b=5.0$	1.0	0.030	
			LE			11.0	1.07			CD2	39.7	350	P	07 01	39.8	0.5
			LZ		$M_S=5.4$	14.0	2.46				PMZ		$m_b=5.2$	0.6	0.026	
GYA	52.8	86	P	06 35	47.2	-1.2				SSE	40.5	13	-P	07 01	46.5	1.0
			PMZ		$m_b=5.1$	1.2	0.030				PMZ		$m_b=5.5$	1.0	0.087	
			PMZ		$m_B=5.9$	5.0	0.90		NJ2	40.9	10	+P	07 01	50.5	1.3	
			S	06 43	17.0	3.5					PMZ		$m_b=5.9$	0.7	0.15	
			LN		$M_S=5.2$	15.0	0.40			XAN	42.3	357	PcP	07 03	48.6	1.1
			LE			15.0	1.10				+P	07 02	00.5	0.3		
			LZ		$M_S=5.1$	20.0	1.80				PMZ		$m_b=5.4$	0.6	0.040	
TIA	55.2	70	eP	06 36	05.2	-0.5				LN			8.0	0.64		
			LN		$M_S=5.1$	11.0	0.65			LE			8.0	0.61		
			LZ		$M_S=4.9$	25.0	1.27		LSA	42.5	334	+P	07 02	02.5	0.4	
WHN	56.2	78	eP	06 36	13.5	0.7			TIA	44.8	7	+P	07 02	20.3	0.0	
			PMZ		$m_b=5.0$	1.0	0.020				PcP	07 04	01.6	1.2		
			pP	06 36	24.5	4.3					ScP	07 07	45.1	4.5		
			eS	06 44	05.0	5.0			LZH	44.8	352	+P	07 02	21.5	0.9	
			LN		$M_S=5.4$	12.0	1.04				PMZ		$m_b=5.3$	2.0	0.085	
			LE			14.0	0.92				S	07 08	52.0	4.4		
			LZ		$M_S=5.0$	14.0	0.83				LN			16.0	2.63	
SNY	56.8	61	+P	06 36	15.0	-1.9					LE			14.0	1.37	
			PMZ		$m_B=5.7$	6.0	0.68				LZ			20.0	0.94	
			S	06 44	08.0	1.8			TIY	45.9	2	+iP	07 02	28.2	-1.3	
			LN		$M_S=5.6$	10.0	0.61				PMZ		$m_b=5.4$	1.0	0.054	
			LE			12.0	1.69				S	07 09	06.0	2.2		
			LZ		$M_S=5.6$	16.0	4.41		DL2	48.1	11	eP	07 02	45.0	-1.6	
DL2	56.9	65	eP	06 36	17.0	-1.1					PMZ		$m_b=5.7$	1.0	0.11	
			PMZ		$m_b=5.8$	1.0	0.14			BJI	48.5	5	+eP	07 02	49.0	-0.2
											PMZ		$m_b=5.4$	1.0	0.060	

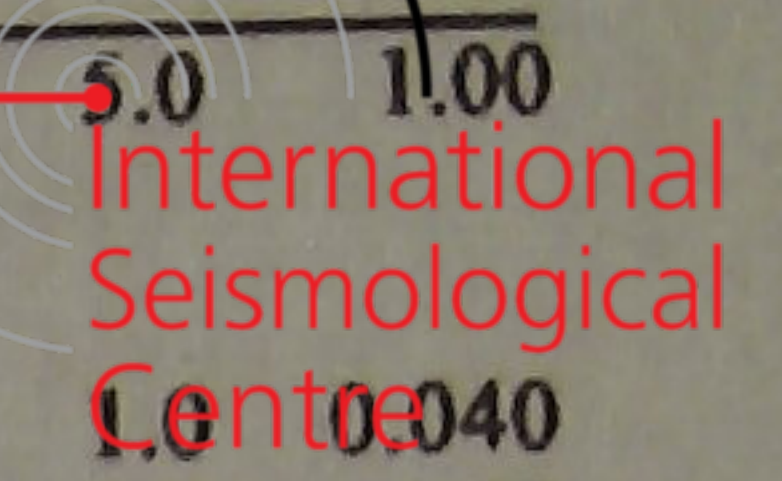


<p>JUL 4d 09h 38m 40.0 ± 0.06s, SD2.15 / 8 43.79 N ± 0.61km, 111.48 E ± 0.44km, h10 ± km Mongolia (334) M_L3.5 / 9,</p>				<p>46.0 305 eP 10 40 59.3 0.0 PMZ m_b = 5.1 1.2 PcP 10 42 30.0 -5.4 S 10 47 41.5 0.7</p>					
HHC	2.9 179	ePn	09 39 29.4 2.0						
		Sn	09 40 03.3 -1.3						
		SMN	M _L = 3.7 0.2 0.33						
		SME	0.4 0.23						
		SMZ	M _L = 3.7 0.4 0.19						
BTO	3.4 199	ePg	09 39 39.3 -0.4						
		Sg	09 40 22.2 -3.5						
		SMN	M _L = 3.2 0.6 0.070						
		SME	0.6 0.090						
GTA	9.8 247	eP	09 41 02.8 -1.3						
<p>JUL 4d 10h 32m 36.1 ± 0.03s, SD1.20 / 149 28.62 N ± 0.71km, 142.58 E ± 0.58km, h28 ± 0.08km Bonin Islands region (212) M_S4.2 / 8, m_b4.9 / 44,</p>				<p>46.0 305 eP 10 40 59.3 0.0 PMZ m_b = 5.1 1.2 PcP 10 42 30.0 -5.4 S 10 47 41.5 0.7</p>					
SSE	18.7 283	P	10 36 58.5 3.5						
		PMZ	m _b = 4.4 1.0 0.020						
		sP	10 37 06.5 0.3						
		sS	10 40 26.0 -4.7						
		LN	M _S = 4.0 12.0 0.32						
		LZ	M _S = 3.8 20.0 0.46						
MDJ	19.0 331	eP	10 36 58.0 -0.8						
		PMZ	m _b = 4.6 1.0 0.030						
		eS	10 40 32.0 5.4						
		LN	M _S = 4.4 10.0 0.35						
		LE	12.0 0.65						
		LZ	M _S = 4.0 15.0 0.44						
SNY	20.3 315	-P	10 37 13.8 1.1						
		sS	10 41 04.0 -1.6						
		LZ	M _S = 4.2 14.0 0.71						
CN2	20.4 322	eP	10 37 14.0 -0.2						
		PMZ	m _b = 4.4 1.0 0.017						
		pP	10 37 21.0 -1.1						
		sS	10 41 09.0 0.4						
		LN	M _S = 4.2 14.0 0.36						
		LE	14.0 0.42						
		LZ	M _S = 4.3 16.0 0.87						
NJ2	20.7 285	-P	10 37 17.0 -0.4						
		PMZ	m _b = 4.8 1.0 0.042						
		S	10 41 08.0 5.8						
		LZ	M _S = 3.7 18.0 0.29						
BJI	24.5 305	eP	10 37 54.0 -0.6						
		PMZ	m _b = 4.5 1.2 0.020						
		LZ	M _S = 4.3 14.0 0.59						
WHN	24.6 281	eP	10 37 56.0 0.6						
TIY	26.7 298	eP	10 38 15.8 0.3						
		LN	M _S = 4.3 16.0 0.48						
		LZ	M _S = 4.2 14.0 0.48						
HHC	28.1 304	P	10 38 28.0 -0.2						
XAN	29.2 289	P	10 38 35.6 -2.0						
BTO	29.2 303	eP	10 38 36.6 -1.1						
GYA	31.8 275	P	10 39 00.0 -1.4						
		PMZ	m _b = 4.9 1.0 0.020						
		LN	M _S = 4.6 15.0 0.50						
		LE	15.0 0.60						
LZH	33.4 293	eP	10 39 15.0 0.1						
		PMZ	m _b = 4.7 1.5 0.020						
		pP	10 39 22.5 -0.6						
CD2	33.7 284	P	10 39 16.4 -0.7						
		PMZ	m _b = 5.2 0.8 0.030						
		eS	10 44 31.0 -6.5						
GTA	36.7 298	P	10 39 43.4 -0.1						
		pP	10 39 50.0 -1.7						
		sP	10 39 55.0 -0.4						
<p>JUL 4d 10h 49m 45.1 ± 0.08s, SD2.87 / 12 26.00 N ± 0.59km, 99.82 E ± 0.65km, h12 ± 0.16km Yunnan Province (318) M_S3.6 / 1, M_L3.6 / 5,</p>				<p>46.0 305 eP 10 40 59.3 0.0 PMZ m_b = 5.1 1.2 PcP 10 42 30.0 -5.4 S 10 47 41.5 0.7</p>					
KMI	2.8 107	Pg	10 50 36.0 1.4						
		Sg	10 51 16.5 4.2						
		SMN	M _L = 3.6 1.5 0.30						
		SME	1.0 0.30						
		LN	4.0 0.40						
		LE	3.0 0.60						
CD2	6.0 34	ePg	10 51 28.8 -2.3						
<p>JUL 4d 11h 23m 07.1 ± 0.03s, SD1.93 / 6 26.02 N ± 0.23km, 99.74 E ± 0.21km, h4 ± 0.13km Yunnan Province (318) M_L3.3 / 3,</p>				<p>46.0 305 eP 10 40 59.3 0.0 PMZ m_b = 5.1 1.2 PcP 10 42 30.0 -5.4 S 10 47 41.5 0.7</p>					
KMI	2.8 107	ePg	11 23 58.8 1.1						
<p>JUL 4d 11h 43m 10.2 ± 0.04s, SD1.35 / 382 8.05 S ± 0.84km, 124.72 E ± 1.12km, h27 ± 0.08km Timor (289) M_S6.5 / 63, m_B6.6 / 46, m_b6.0 / 91</p>				<p>46.0 305 eP 10 40 59.3 0.0 PMZ m_b = 5.1 1.2 PcP 10 42 30.0 -5.4 S 10 47 41.5 0.7</p>					
QZN	30.6 332	-P	11 49 25.0 0.0						
		PMZ	m _b = 5.7 1.4 0.19						
		S	11 54 27.0 3.2						
		LN	M _S = 6.3 14.0 22.3						
		LE	13.0 28.2						
GZH	32.9 340	-iP	11 49 45.0 0.4						
		PMZ	m _b = 6.5 1.8 1.53						
		PMZ	m _B = 6.6 9.0 8.30						
		LN	M _S = 6.3 14.0 23.3						
		LE	10.0 15.4						
		LZ	M _S = 6.2 24.0 60.8						
QZH	33.3 350	-iP	11 49 49.0 0.5						
		PMZ	m _b = 5.9 2.0 0.42						
		PMZ	m _B = 6.7 4.0 5.24						
		S	11 55 12.0 6.2						
		LN	M _S = 6.5 16.0 50.9						
		LE	16.0 18.8						
		LZ	M _S = 6.4 24.0 98.3						
GYA	38.5 334	-P	11 50 34.2 1.5						
		PMZ	m _b = 6.4 1.8 1.10						
		PMZ	m _B = 7.0 5.0 13.4						
		sP	11 50 49.4 5.0						
		PP	11 52 06.0 1.7						
		S	11 56 22.0 -3.6						
		SS	11 59 02.0 -4.7						
		LN	M _S = 6.7 16.0 18.5						
		LE	16.0 74.0						
		LZ	M _S = 6.5 38.0 140						
SSE	39.1 355	+P	11 50 37.0 -0.1						
		PMZ	m _b = 6.2 2.0 0.76						
		PMZ	m _B = 6.4 6.0 4.06						
		LN	M _S = 6.2 16.0 17.4						
		LE	16.0 15.9						
		LZ	M _S = 6.3 20.0 41.8						
KMI	39.3 328	-iP	11 50 40.0 0.5						
		PMZ	m _b = 6.8 2.5 3.70						
		PMZ	m _B = 6.7 6.0 7.20						
		LN	M _S = 6.1 13.0 11.4						
		LE	15.0 11.6						
WHN	39.6 346	P	11 50 43.5 1.7						
		PMZ	m _b = 6.4 2.0 1.31						

NJ2	40.3	352	PMZ	$m_b = 6.6$	6.0	6.22	PP	11 54 03.0	1.7			
			S	11 56 40.0	-2.5		S	11 59 12.0	-1.8			
			-P	11 50 47.5	0.5		LN	$M_s = 6.4$		17.0	17.1	
			PMZ	$m_b = 5.7$	1.8	0.24	LE			15.0	9.16	
			PMZ	$m_B = 6.5$	7.0	5.08	LZ	$M_s = 6.5$		27.0	66.8	
			pP	11 50 55.0	-0.3		eP	11 52 04.5	-2.4			
			PP	11 52 26.0	2.4		PMZ	$m_b = 6.4$		8.0	3.90	
			S	11 56 53.0	1.2		sP	11 52 18.5	-0.2			
			LN	$M_s = 6.0$	11.0	3.32	PP	11 53 59.0	-3.4			
CD2	43.6	334	LE		14.0	10.6	S	11 59 17.0	1.5			
			P	11 51 14.8	0.1		LN	$M_s = 6.7$		14.0	33.0	
			LE	$M_s = 6.9$	14.0	82.3	LE			14.0	23.0	
			LZ	$M_s = 6.5$	38.0	108	LZ	$M_s = 6.4$		15.0	29.3	
XAN	44.5	341	+P	11 51 19.5	-1.9		-P	11 52 15.0	-2.0			
			PMZ	$m_b = 5.9$	1.4	0.27	PMZ	$m_b = 5.8$		1.4	0.20	
			PMZ	$m_B = 6.4$	8.0	4.30	PMZ	$m_B = 6.4$		8.0	4.53	
			pP	11 51 32.0	2.4		PP	11 54 10.0	-4.2			
			sP	11 51 36.0	2.8		LN	$M_s = 6.2$		13.0	9.26	
			LN	$M_s = 6.5$	12.0	24.9	LE			13.0	6.61	
			LE		14.0	14.0	LZ	$M_s = 6.8$		20.0	103	
			eP	11 51 21.3	-1.1		P	11 52 23.0	-1.3			
TIA	44.6	351	PMZ	$m_b = 6.1$	2.4	0.73	PMZ	$m_b = 6.4$		1.6	0.75	
			sP	11 51 35.0	0.7		PMZ	$m_B = 6.8$		8.0	10.0	
			LN	$M_s = 6.5$	15.0	24.2	LE	$M_s = 6.7$		16.0	43.5	
			LE		15.0	20.1	LZ	$M_s = 6.4$		24.0	43.7	
			P	11 51 38.7	-1.2		cP	11 52 24.0	-0.4			
DL2	46.8	357	PMZ	$m_b = 6.4$	1.0	0.51	PMZ	$m_b = 6.8$		1.4	1.90	
			PMZ	$m_B = 6.4$	6.0	3.51	PMZ	$m_B = 6.7$		8.0	7.92	
			S	11 58 28.0	1.1		pP	11 52 30.0	-2.8			
			LN	$M_s = 6.5$	11.0	5.19	sP	11 52 33.0	-3.4			
			LE		16.0	26.6	S	11 59 52.0	4.4			
			LZ	$M_s = 6.2$	41.0	61.8	sS	12 00 02.0	-0.7			
			eP	11 51 40.0	-1.2		LN	$M_s = 6.7$		24.0	44.6	
			PMZ		15.0	12.1	LE			17.0	20.9	
TIY	46.9	347	S	11 58 30.0	1.0		LZ	$M_s = 6.4$		48.0	82.7	
			LN	$M_s = 6.2$	12.0	11.7	P	11 53 27.0	-1.0			
			LZ	$M_s = 6.2$	40.0	55.3	PMZ	$m_b = 6.4$		1.0	0.51	
			P	11 51 50.0	-0.3		PMZ	$m_B = 6.9$		5.0	8.66	
			PMZ	$m_b = 6.6$	2.0	1.67	S	12 01 49.0	3.5			
LZH	48.1	337	pP	11 52 01.5	3.1		SMN			11.0	23.5	
			sP	11 52 06.0	4.0		SME			8.0	13.9	
			PcP	11 53 22.0	4.8		LN	$M_s = 6.8$		17.0	35.5	
			PP	11 53 40.0	-0.9		LZ	$M_s = 6.4$		40.0	50.3	
			LE	$M_s = 6.5$	14.0	28.4	P	11 53 52.0	-1.4			
			LZ	$M_s = 6.6$	40.0	135	sP	11 54 08.0	2.7			
			eP	11 51 52.0	-1.2		S	12 02 34.0	0.7			
			PMZ	$m_b = 6.0$	1.5	0.33	LE	$M_s = 7.1$		18.0	64.4	
			PMZ	$m_B = 6.4$	8.0	3.88						
			PP	11 53 50.0	5.2							
LSA	49.5	321	eS	11 58 56.0	4.1		JUL 4d 12h 30m $06.0 \pm 0.05s$, $SD1.40 / 53$ $8.12 S \pm 0.60km$, $124.68 E \pm 1.04km$, $h68 \pm 0.27km$ Timor (289) $M_s 5.3 / 1$, $m_b 4.8 / 16$,					
			eSS	12 02 20.0	3.9		WHN	39.7	346	eP	12 37 32.5	-1.1
			LN	$M_s = 6.3$	16.0	19.8	NJ2	40.3	352	eP	12 37 39.5	0.6
			LZ	$M_s = 6.3$	40.0	58.2	CD2	43.7	334	eP	12 38 08.8	2.4
			P	11 52 02.0	0.5		XAN	44.5	341	eP	12 38 12.5	-0.6
			PP	11 54 00.0	4.8		DL2	46.9	357	eP	12 38 31.0	-0.7
			S	11 59 10.0	5.0		LZH	48.1	337	eP	12 38 41.5	-0.4
			LN	$M_s = 6.3$	9.0	9.83	PMZ	$m_b = 5.0$		2.0	0.042	
SNY	49.6	359	-iP	11 52 01.0	-1.0		LN	$M_s = 5.3$		15.0	1.87	
			PMZ	$m_b = 5.7$	1.2	0.12	LZ	$M_s = 5.3$		20.0	3.31	
			PP	11 53 54.0	-2.5		P	12 38 44.0	-0.9			
			LN	$M_s = 6.6$	22.0	40.0	GTA	52.6	336	eP	12 39 15.5	-0.4
			LE		16.0	8.85	MDJ	52.7	4	eP	12 39 15.5	-0.7
HHC	50.1	347	LZ	$M_s = 6.6$	30.0	85.3	WMQ	61.6	330	P	12 40 19.0	-0.3
			-iP	11 52 06.0	0.0		PMZ	$m_b = 5.1$		0.8	0.020	
			PMZ	$m_b = 6.2$	1.8	0.54	JUL 4d 13h 56m $06.1 \pm 0.04s$, $SD1.33 / 137$					
			PMZ	$m_B = 6.5$	7.0	4.76						
			pP	11 52 15.5	1.3							
sP	11 52 20.0	2.3										



8.11 S ± 0.59km, 124.76 E ± 1.02km, h18 ± 0.06km Timor (289) M _s 5.2/16, m _b 5.7/2, m _b 5.1/35				LZ M _s =4.9 24.0 1.51			
GYA	38.6	333	-P	14 03 30.0	-0.3		
			PMZ		m _b =4.9	1.0	0.020
			PP	14 05 06.0	4.1		
			S	14 09 28.0	3.5		
			LN		M _s =4.9	15.0	0.50
			LE			15.0	0.90
			LZ		M _s =4.6	18.0	0.80
SSE	39.1	355	eP	14 03 35.0	0.4		
			LN		M _s =5.3	20.0	2.84
			LE			20.0	1.17
			LZ		M _s =5.2	20.0	3.67
KMI	39.4	328	-P	14 03 39.0	1.9		
			PMZ		m _b =5.7	2.5	0.30
			pP	14 03 44.0	0.2		
WHN	39.7	346	eP	14 03 41.0	1.6		
			PMZ		m _b =5.0	1.4	0.040
			PMZ		m _b =5.6	6.0	0.57
			S	14 09 38.0	-3.3		
			LN		M _s =5.1	20.0	2.23
			LZ		M _s =4.7	20.0	1.25
NJ2	40.3	352	-P	14 03 44.5	-0.1		
			LZ		M _s =4.8	20.0	1.42
CD2	43.7	334	eP	14 04 12.0	-0.4		
			PMZ		m _b =5.2	1.2	0.043
			eS	14 10 40.0	-1.5		
XAN	44.5	341	P	14 04 17.5	-1.5		
TIA	44.7	351	eP	14 04 19.0	-1.0		
DL2	46.9	357	eP	14 04 36.0	-1.4		
			PMZ		m _b =5.7	1.2	0.15
			pP	14 04 41.5	-2.8		
			LZ		M _s =4.8	34.0	1.75
LZH	48.2	337	-P	14 04 47.5	-0.4		
			PMZ		m _b =5.4	2.0	0.12
			pP	14 04 53.0	-1.6		
			sP	14 04 58.5	0.8		
			PP	14 06 38.0	-0.6		
			eS	14 11 40.0	-5.4		
			sS	14 11 51.0	-5.6		
			LN		M _s =5.2	19.0	1.89
			LZ		M _s =5.2	22.0	2.74
BJI	48.6	351	eP	14 04 49.0	-1.7		
			PMZ		m _b =5.0	1.5	0.035
			PP	14 06 46.0	3.4		
SNY	49.7	359	-P	14 04 57.5	-2.1		
HHC	50.2	347	P	14 05 02.4	-1.2		
			PMZ		m _b =4.9	1.0	0.016
			PP	14 07 01.0	2.1		
			LN		M _s =5.3	18.0	1.04
			LE			20.0	1.45
			LZ		M _s =5.3	24.0	3.37
BTO	50.3	345	eP	14 05 02.2	-2.3		
			LN		M _s =5.4	20.0	2.00
			LE			16.0	0.90
			LZ		M _s =5.4	20.0	3.60
CN2	51.7	1	eP	14 05 12.6	-1.9		
			PMZ		m _b =4.7	1.0	0.010
GTA	52.6	336	-P	14 05 21.4	-0.5		
MDJ	52.7	4	-P	14 05 21.0	-1.0		
			PMZ		m _b =5.7	1.2	0.13
			PMZ		m _b =5.9	4.0	0.66
			pP	14 05 29.0	0.2		
			sP	14 05 33.0	1.1		
			eS	14 12 50.0	2.6		
			LN		M _s =5.2	20.0	1.10
			LE			20.0	1.16
WMQ	61.6	330	P	14 06 24.0	-1.6		
			PMZ		m _b =5.4	1.2	0.060
			S	14 14 44.0	-0.3		
			SMN			6.0	0.63
			SME			7.0	1.09
			ScS	14 16 13.0	1.5		
			LN		M _s =5.6	20.0	2.79
			LZ		M _s =5.4	20.0	2.93
KSH	65.5	320	P	14 06 50.0	-1.0		
			S	14 15 36.0	3.9		
			LE		M _s =5.8	20.0	4.40
JUL 5d 03h 47m 46.6 ± 0.05s, SD1.51 / 181 3.73 S ± 0.79km, 135.90 E ± 1.02km, h38 ± 0.14km West Irian region (196) M _s 5.1/36, m _b 5.9/32, m _b 5.4/60							
QZH	33.1	330	eP	03 54 18.0	-3.4		
			S	03 59 32.0	-4.0		
			LN		M _s =4.7	16.0	0.96
			LZ		M _s =4.9	28.0	3.31
QZN	34.2	312	P	03 54 30.0	-0.9		
			PP	03 55 46.0	0.6		
			S	03 59 54.5	1.4		
			LN		M _s =5.0	17.0	1.53
			LE			16.0	1.16
GZH	34.6	321	P	03 54 35.5	1.4		
			S	03 59 56.0	-2.9		
			LE		M _s =4.9	12.0	0.91
			LZ		M _s =4.7	20.0	1.25
SSE	37.4	339	+P	03 54 58.0	0.2		
			PMZ		m _b =5.4	1.1	0.071
			PMZ		m _b =5.8	5.0	0.91
			pP	03 55 09.0	1.1		
			PP	03 56 24.0	-1.6		
			S	04 00 38.0	-4.0		
			LN		M _s =5.1	16.0	1.98
			LZ		M _s =5.2	20.0	4.22
NJ2	39.1	337	-P	03 55 13.0	0.7		
			PMZ		m _b =5.1	1.0	0.032
			PMZ		m _b =5.8	5.0	0.81
			S	04 01 10.0	1.7		
			LE		M _s =5.1	13.0	1.35
			LZ		M _s =4.6	20.0	0.89
WHN	39.8	330	-P	03 55 20.0	1.7		
			PMZ		m _b =5.6	1.0	0.11
			PMZ		m _b =6.1	5.0	1.73
			LN		M _s =4.9	13.0	0.65
			LE			11.0	0.45
GYA	41.2	318	P	03 55 31.2	1.0		
			PMZ		m _b =5.5	1.0	0.070
			PMZ		m _b =6.2	5.0	2.00
			PP	03 57 13.0	4.6		
			S	04 01 44.0	3.8		
			LN		M _s =5.1	16.0	1.20
			LE			16.0	0.70
			LZ		M _s =5.0	24.0	2.40
KMI	43.1	314	-P	03 55 48.5	2.8		
			PMZ		m _b =5.9	2.5	0.44
			pP	03 55 57.0	1.3		
TIA	43.4	338	eP	03 55 46.7	-1.4		
			S	04 02 10.0	-2.5		
			LN		M _s =4.9	10.0	0.61
			LZ		M _s =5.0	33.0	3.08
DL2	44.4	344	eP	03 55 56.0	0.0		
			PMZ		m _b =5.6	1.2	0.11
			PMZ		m _b =5.9	4.0	0.74
			S	04 02 28.0	1.2		



Station	Lat	Lon	Phase	Time	Ms	mb	Depth (km)	Distance (km)	Station	Lat	Lon	Phase	Time	Ms	mb	Depth (km)	Distance (km)			
XAN	45.4	328	LE		Ms=5.3		18.0	2.65	GTA	54.3	326	PMZ			mb=6.0					
			LZ		Ms=4.9		20.0	1.61				S	04 04	49.0		5.6				
			+P	03 56	03.5	-0.2						eP	03 57	11.0		-0.9				
			PMZ		mb=5.4		1.4	0.080				PMZ				mb=5.3				
			PMZ		mb=5.9		6.0	1.06				PMZ				mb=6.1		5.0	1.22	
CD2	46.1	321	S	04 02	43.0		2.6		WMQ	64.1	323	pP	03 57	20.0		-2.1				
			LN		Ms=4.8		11.0	0.48				sP	03 57	24.0		-2.4				
			P	03 56	11.4	1.8						S	04 04	46.0		1.8				
			PMZ		mb=5.5		1.2	0.078				LE				Ms=4.7		15.0	0.33	
			PMZ		mb=6.2		5.0	1.60				LZ				Ms=4.9		30.0	1.76	
TIY	46.6	334	PP	03 57	55.0		-2.3		KSH	69.8	314	P	03 58	20.0		0.2				
			eP	03 56	14.0	0.3						PMZ				mb=5.6		1.0	0.080	
			PMZ		mb=5.9		6.0	1.04				PMZ				mb=6.1		5.0	1.30	
			PP	03 58	04.0	1.4						PcP	03 58	55.2		1.5				
			S	04 03	04.0	5.6						SMN						6.0	1.38	
SNY	46.7	347	LN		Ms=5.0		16.0	0.95	QZN	28.8	350	+P	04 36	48.0		0.3				
			LZ		Ms=4.8		26.0	1.56				PMZ				mb=5.1		0.8	0.030	
			+P	03 56	12.0	-2.1						PP	04 37	41.0		0.1				
			PMZ		mb=5.3		1.6	0.067				S	04 41	30.0		-1.2				
			PMZ		mb=5.9		5.0	0.82				LN				Ms=5.5		19.0	7.34	
BJI	47.2	339	sP	03 56	26.0		-2.6		GZH	32.5	358	LE				18.0	3.21			
			S	04 02	56.0		-3.4					P	04 37	20.0		0.0				
			LN		Ms=5.2		16.0	1.57				S	04 42	30.0		1.1				
			LZ		Ms=5.1		21.0	2.47				LN				Ms=5.4		18.0	4.07	
			+eP	03 56	17.0	-0.8						LE				Ms=5.3		20.0	5.61	
CN2	48.2	350	PMZ		mb=4.8		1.0	0.013	QZH	34.5	6	+P	04 37	36.5		-1.0				
			PMZ		mb=5.8		5.0	0.70				LN				Ms=5.4		20.0	5.49	
			eS	04 03	06.0	-1.1						LZ				Ms=5.5		25.0	11.0	
			eSS	04 06	24.5	-2.4						+P	04 37	56.5		2.4				
			LN		Ms=5.1		17.0	1.38				PMZ				mb=6.0		2.5	0.70	
MDJ	48.5	354	LZ		Ms=5.2		17.0	2.33	GYA	36.6	348	PMZ				mb=6.1		5.0	1.50	
			eP	03 56	24.0	-2.2						sP	04 38	15.0		2.9				
			PMZ		mb=5.0		1.0	0.020				S	04 43	36.0		6.2				
			PMZ		mb=5.6		5.0	0.42				+iP	04 37	56.0		0.1				
			pP	03 56	38.0	1.6						PMZ				mb=5.2		1.2	0.046	
HHC	49.6	336	LN		Ms=5.0		15.0	0.68	WHN	39.9	360	PMZ				mb=6.1		4.0	1.20	
			LE		Ms=5.5		21.0	5.40				PMZ				mb=5.2		15.0	7.30	
			LZ		Ms=5.5		21.0	5.40				+P	04 38	22.5		-0.2				
			eP	03 56	27.5	-0.4						PMZ				mb=5.2		1.4	0.050	
			PMZ		mb=5.3		1.0	0.044				PMZ				mb=5.9		5.0	0.87	
LZH	49.7	326	PMZ		mb=5.9		5.0	0.88	SSE	40.9	9	ScP	04 44	13.2		2.9				
			S	04 03	28.0	3.8						S	04 44	23.0		0.7				
			LN		Ms=5.3		16.0	1.35				LN				Ms=5.4		14.0	2.77	
			LE		Ms=5.3		16.0	1.22				LE				Ms=5.3		16.0	1.90	
			eP	03 56	36.0	-1.0						LZ				Ms=5.3		24.0	4.73	
BTO	50.1	334	PMZ		mb=5.5		1.0	0.070	LSA	54.2	311	+P	04 38	33.0		1.9				
			PMZ		mb=5.9		5.0	0.81				PMZ				mb=5.0		1.0	0.024	
			PP	03 58	30.0	-1.4						PMZ				mb=5.8		6.0	0.81	
			S	04 03	43.0	2.4						PP	04 40	10.0		1.2				
			LN		Ms=5.1		12.0	0.56				PcP	04 40	26.0		-4.7				
LSA	54.2	311	LE		Ms=5.1		10.0	0.54												
			LZ		Ms=5.1		38.0	4.01												
			P	03 56	37.0	-0.4														
			PMZ		mb=5.9		2.0	0.33												
			PMZ		mb=6.2		5.0	1.46												

JUL 5d 04h 30m 52.0±0.03s, SD1.31 / 243
 9.56 S±0.76km, 114.70 E±1.00km, h52±0.10km
 South of Bali (284)
 Ms5.5 / 48, mb5.9 / 33, mb5.6 / 76

		PMZ	$m_b = 6.4$	1.0	1.15			PMZ	$m_b = 6.1$				
		PMZ	$m_B = 6.3$	4.0	4.13			PMZ	$m_B = 5.1$				
		sP	11 02 37.0	-3.8				pP	11 05 51.0	3.5			
		ScP	11 09 01.0	1.3				iS	11 09 08.0	-1.8			
		iS	11 03 12.0	1.2				SME			6.0	1.51	
		ScS	11 12 37.0	2.6				SME			12.0	1.58	
CN2	14.8 261	-iP	11 01 35.8	-1.3				ScP	11 09 54.0	0.5			
		sP	11 03 22.5	-0.5				sS	11 11 41.0	2.6			
		S	11 04 06.0	-3.5				ScS	11 13 55.0	0.6			
		ScP	11 09 03.0	-1.6			GTA	33.9 273	-iP	11 04 33.0	1.0		
		ScS	11 12 38.0	-3.6				PMZ	$m_B = 5.9$		5.0	1.96	
SNY	16.9 257	-iP	11 01 58.0	-0.3				ScP	11 09 58.0	1.1			
		PMZ	$m_b = 6.2$	0.6	0.48			iS	11 09 22.0	-2.2			
		PMZ	$m_B = 6.0$	7.0	3.33		GZH	35.8 238	P	11 04 49.0	1.3		
		sP	11 03 55.0	3.9				S	11 09 50.0	-1.7			
DL2	19.7 252	-iP	11 02 26.0	0.3			CD2	36.1 257	P	11 04 51.2	0.5		
		PMZ	$m_B = 6.4$	5.0	4.92			PMZ	$m_b = 5.8$		1.2	0.36	
		sP	11 04 30.0	2.5				PMZ	$m_B = 5.7$		8.0	1.90	
		iS	11 05 40.0	2.1				S	11 09 55.0	-1.9			
		SMN			8.0	6.80		SS	11 12 50.0	-0.6			
		SME			8.0	12.1		ScS	11 14 10.0	-1.6			
BJI	22.6 261	-P	11 02 53.5	0.2			GYA	37.3 249	-P	11 04 59.5	-0.8		
		PMZ	$m_b = 6.1$	1.5	0.81			PMZ	$m_b = 5.4$		1.0	0.12	
		PMZ	$m_B = 5.9$	6.0	2.14			S	11 10 12.0	-2.1			
		sP	11 05 02.0	-0.9			WMQ	39.8 286	P	11 05 21.5	0.5		
		eS	11 06 27.5	0.5				PMZ	$m_b = 5.8$		0.8	0.27	
		eScS	11 13 06.0	-0.9				PMZ	$m_B = 6.0$		5.0	2.81	
TIA	24.2 252	eP	11 03 07.0	-0.2				pP	11 06 45.0	-2.6			
		PMZ	$m_b = 5.8$	2.4	0.65			PcP	11 07 17.5	1.5			
		sP	11 05 21.0	2.5				sP	11 07 41.0	1.7			
SSE	25.2 237	-P	11 03 17.0	0.5				ScP	11 10 20.0	1.1			
		PMZ	$m_B = 5.6$	4.0	0.84			S	11 10 53.0	1.5			
		sP	11 05 26.0	-2.9				ScS	11 14 34.0	0.9			
		S	11 07 08.0	0.2			KMI	40.7 252	-P	11 05 28.5	0.3		
		ScP	11 09 30.0	1.1				PMZ	$m_b = 5.8$		2.5	0.90	
		ScS	11 13 20.0	2.5				pP	11 06 58.5	3.6			
HHC	25.3 266	-P	11 03 18.3	0.6				PcP	11 07 16.5	-2.3			
		S	11 07 10.0	0.4				S	11 11 05.0	0.9			
		sS	11 07 11.0	1.6				ScS	11 14 42.0	3.7			
NJ2	25.9 242	-P	11 03 20.0	-2.4			QZN	41.0 238	P	11 05 31.0	0.7		
		PMZ	$m_b = 5.2$	1.0	0.074			PMZ	$m_b = 4.8$		0.9	0.030	
		sP	11 05 34.0	-1.2				S	11 11 12.0	3.7			
		iS	11 07 19.0	0.1				SS	11 14 17.5	-6.4			
		ScS	11 13 20.0	-0.2			LSA	45.3 267	-P	11 06 05.4	0.5		
TIY	26.3 260	-iP	11 03 27.3	0.6				S	11 12 14.0	4.5			
		PMZ	$m_b = 5.8$	1.5	0.50			SMN			7.0	1.23	
		PMZ	$m_B = 5.9$	5.0	1.86		KSH	49.6 288	-P	11 06 38.0	0.7		
		sP	11 05 40.0	0.2				S	11 13 14.0	5.0			
		S	11 07 29.0	3.3									
BTO	26.5 267	P	11 03 28.2	0.2									
		PMZ	$m_B = 5.7$	5.0	1.30								
		S	11 07 28.0	0.1									
WHN	29.6 246	+iP	11 03 56.4	0.8									
		PMZ	$m_b = 5.2$	0.6	0.050								
		pP	11 05 20.0	1.7			QZH	2.5 292	ePn	12 28 40.7	0.5		
		sP	11 06 12.0	1.3					Sn	12 29 16.0	4.2		
		ScP	11 09 44.5	2.1					SMN	$M_L = 3.0$	0.4	0.12	
		S	11 08 16.0	-1.3					SME		0.4	0.057	
		SME			6.0	2.68							
XAN	30.8 257	+P	11 04 05.0	-0.6									
		PMZ	$m_b = 5.6$	1.4	0.33								
		PMZ	$m_B = 5.6$	5.0	1.09								
		S	11 08 34.0	-1.2									
QZH	31.4 233	eP	11 04 08.0	-3.0			MDJ	17.3 269	eP	16 51 01.8	2.5		
		PMZ	$m_b = 5.0$	1.0	0.058				PMZ	$m_b = 4.9$		0.8	0.043
		S	11 08 45.0	0.0					pP	16 51 09.0	3.1		
		sS	11 11 18.0	5.5					LN	$M_S = 4.5$	11.0	0.70	
LZH	33.0 265	-iP	11 04 24.3	0.2					LE		12.0	0.98	
							CN2	20.4 270	eP	16 51 33.0	-2.5		

JUL 5d 12h 28m $00.2 \pm 0.63s$, SD2.08 / 6
 24.05 N $\pm 3.69km$, 121.12 E $\pm 3.16km$, h18 $\pm 0.51km$
 Taiwan (244)
 $M_L 3.1 / 6$,

QZH 2.5 292 ePn 12 28 40.7 0.5
 Sn 12 29 16.0 4.2
 SMN $M_L = 3.0$ 0.4 0.12
 SME 0.4 0.057

JUL 5d 16h 46m $57.5 \pm 0.05s$, SD0.96 / 212
 47.64 N $\pm 1.16km$, 154.21 E $\pm 0.74km$, h25 $\pm 0.07km$
 Kurile Islands (221)
 $M_S 4.6 / 18$, $m_B 5.6 / 1$, $m_b 5.2 / 93$

MDJ 17.3 269 eP 16 51 01.8 2.5
 PMZ $m_b = 4.9$ 0.8 0.043
 pP 16 51 09.0 3.1
 LN $M_S = 4.5$ 11.0 0.70
 LE 12.0 0.98
 CN2 20.4 270 eP 16 51 33.0 -2.5



PMZ				$m_b = 5.2$	0.8	0.10	LSA	51.0 273 +P	16 56 01.2	1.0
			pP	16 51 40.0	-2.8					
			eS	16 55 12.0	-6.1					
			LN		$M_s = 4.4$	13.0				
			LE			13.0				
			LZ		$M_s = 4.6$	16.0				
SNY	22.4	266	eP	16 51 55.8	-0.3		GZH	32.8 340 P	17 13 38.0	1.2
			S	16 56 00.0	4.4					
			LN		$M_s = 4.6$	15.0				
			LE			15.0	GYA	38.4 333 P	17 14 24.8	-0.2
			LZ		$M_s = 4.7$	17.0				
DL2	25.1	262	eP	16 52 22.5	0.2					
			PMZ		$m_b = 5.1$	1.0				
			eS	16 56 45.0	1.8					
			LZ		$M_s = 4.0$	16.0				
BJI	28.2	269	eP	16 52 50.5	-0.5		SSE	38.9 355 P	17 14 28.0	-1.1
			sS	16 57 50.0	2.8					
			LN		$M_s = 4.4$	15.0				
			LZ		$M_s = 4.6$	16.0				
TIA	29.6	261	eP	16 53 02.8	-0.3		KMI	39.2 328 -P	17 14 34.0	2.1
			S	16 57 50.0	-4.8					
			LZ		$M_s = 4.3$	20.0	WHN	39.5 346 eP	17 14 35.6	1.6
SSE	30.1	249	-P	16 53 08.5	0.7		NJ2	40.1 352 -P	17 14 39.8	0.7
			PMZ		$m_b = 5.1$	1.0				
			eS	16 58 10.0	6.0		CD2	43.5 333 P	17 15 07.0	-0.1
			LE		$M_s = 4.3$	13.0				
			LZ		$M_s = 4.2$	20.0				
NJ2	31.0	253	-P	16 53 15.5	0.1		XAN	44.4 341 -P	17 15 12.6	-1.0
			LN		$M_s = 4.5$	13.0	TIA	44.5 351 eP	17 15 13.3	-1.3
			LZ		$M_s = 4.3$	14.0	DL2	46.7 357 eP	17 15 31.5	-0.5
HHC	31.0	273	P	16 53 15.6	0.0					
			PMZ		$m_b = 5.3$	0.8	TIY	46.8 347 eP	17 15 33.0	-0.4
			LZ		$M_s = 4.4$	20.0	LZH	48.0 337 -P	17 15 42.5	-0.1
TIY	31.9	267	-P	16 53 25.0	1.1					
			PMZ		$m_b = 4.9$	0.8				
			LE		$M_s = 4.6$	16.0				
			LZ		$M_s = 4.7$	16.0				
BTO	32.1	274	eP	16 53 24.8	-1.0		BJI	48.4 351 eP	17 15 44.5	-0.8
			eS	16 58 35.0	-1.1					
			LN		$M_s = 4.7$	14.0				
			LE			14.0	LSA	49.4 321 -P	17 15 54.4	0.4
			LZ		$M_s = 4.4$	14.0	SNY	49.5 359 -P	17 15 53.0	-1.1
WHN	34.9	255	eP	16 53 49.0	-0.3					
XAN	36.3	265	P	16 54 01.5	-0.3		HHC	50.0 347 +P	17 15 57.8	-0.4
LZH	38.6	271	+P	16 54 21.0	0.0					
			PMZ		$m_b = 5.5$	1.0	BTO	50.2 345 eP	17 15 57.5	-1.7
			pP	16 54 28.5	-0.3		CN2	51.5 1 eP	17 16 08.4	-0.7
			LN		$M_s = 4.6$	13.0				
			LZ		$M_s = 4.5$	19.0	GTA	52.5 336 -P	17 16 16.6	-0.1
GTA	39.6	279	P	16 54 29.0	0.0					
			PMZ		$m_b = 4.6$	1.0				
			PcP	16 56 36.4	0.6					
			LN		$M_s = 4.7$	13.0	MDJ	52.5 4 -P	17 16 16.9	0.3
			LZ		$M_s = 4.4$	20.0				
CD2	41.7	265	P	16 54 46.4	0.0		WMQ	61.5 330 P	17 17 20.0	-0.5
			PMZ		$m_b = 5.7$	1.0				
			eS	17 01 07.0	5.0					
GYA	42.6	258	-P	16 54 54.0	-0.2					
			PMZ		$m_b = 5.5$	1.0				
WMQ	45.3	291	P	16 55 15.5	-0.2					
			PMZ		$m_b = 4.6$	1.0				
			pP	16 55 21.0	-2.6					
			LN		$M_s = 5.1$	14.0				
			LZ		$M_s = 4.9$	17.0				
KMI	46.1	260	-P	16 55 23.0	0.7					
			PMZ		$m_b = 5.5$	1.5				
			pP	16 55 32.0	1.9					
			sP	16 55 38.0	4.5					

JUL 5d 17h 07m $03.5 \pm 0.04s$, SD1.23 / 114
 $7.92 S \pm 0.76km$, $124.76 E \pm 1.03km$, $h28 \pm 0.08km$
 Timor (289)
 $M_s 4.6 / 7$, $m_b 5.2 / 1$, $m_b 5.2 / 34$

JUL 6d 07h 49m $24.9 \pm 0.06s$, SD1.82 / 12
 $32.09 N \pm 0.39km$, $120.42 E \pm 0.57km$, $h27 \pm 0.11km$
 Eastern China (664)
 $M_L 3.6 / 12$,

Station	Mag	Depth (km)	Phase	Time	Amplitude	Phase	Station	Mag	Depth (km)	Phase	Time	Amplitude	Phase				
SSE	1.2	146	Pg	07 49 47.0	0.7		GTA	152.7	14	PPMZ		$m_B=6.5$	15.0	3.90			
			Pn	07 49 48.0	1.8	SS				13 02 36.5	-2.6	19.0	3.60				
			Sg	07 50 03.0	0.2	LN						19.0	3.00				
			Sn	07 50 04.0	1.1	LE						19.0	4.40				
			SMN	$M_L=3.5$	0.5	0.94				LZ			19.0	4.40			
NJ2	1.3	269	SME		0.5	0.93	TIY	155.1	351	PKP	12 39 28.4	0.2					
			iPg	07 49 46.8	-2.1	pPKP				12 39 57.0	2.4						
			Sg	07 50 03.5	-3.9	SKKS				12 50 00.0	1.3						
			SMN	$M_L=3.8$	0.4	1.50				LN			28.0	12.0			
			SME		0.4	1.17				LZ			20.0	16.2			
TIA	4.9	327	ePg	07 50 54.0	1.7		TIA	155.4	342	PKP	12 39 32.5	1.2					
			Sg	07 51 55.1	-4.7	PKP2				12 40 02.0	4.8						
			SMN	$M_L=3.1$	0.6	0.016				PP	12 43 32.0	-2.0					
			SME		0.6	0.030				PPMZ	$m_B=6.1$	12.0	2.17				
			ePg	07 51 04.5	3.8					SKKS	12 50 07.0	-4.5					
WHN	5.4	255	Sg	07 52 09.0	-5.8		LZH	156.7	8	SS	13 03 11.0	3.7					
			SMN	$M_L=3.7$	1.0	0.070				LN			25.0	8.93			
										LZ			25.0	5.56			
										PKP	12 39 33.5	1.8					
										PKP2	12 40 03.0	4.1					
<p>JUL 6d 12h 19m $49.2 \pm 0.04s$, $SD1.52 / 497$ $12.99 S \pm 1.34km$, $72.10 W \pm 1.36km$, $h100 \pm 0.33km$ Peru (116) $m_B 6.3 / 25$, $m_B 6.1 / 73$,</p>							LZH	156.7	8	PP	12 43 34.0	-2.2					
KSH	141.4	41	PKP	12 39 08.0	-1.6					LSA	157.3	40	PPMZ	$m_B=6.1$	10.0	1.91	
			LE		16.0	5.00							SS	13 03 09.0	-2.5		
			PKP	12 39 10.0	-3.0								LZ			25.0	8.86
			sPKP	12 39 46.0	-4.5								+PKP	12 39 35.0	1.5		
			PPMZ	$m_B=6.5$	10.0	2.89	PKP2	12 40 05.0	0.6								
MDJ	143.4	334	LN		24.0	6.37	SSE	158.2	328	PKS	12 43 08.0	3.5					
			LE		24.0	4.03				PP	12 43 48.0	4.8					
			iPKP	12 39 15.0	-0.4					PPMZ	$m_B=6.3$	9.0	2.34				
			pPKP	12 39 37.5	-3.9					SKKS	12 50 20.0	-0.6					
			PP	12 42 36.0	0.3					SS	13 03 25.0	0.3					
WMQ	144.7	26	LZ		41.0	21.0	NJ2	158.5	334	LE		22.0	4.30				
			iPKP	12 39 15.0	-0.4					XAN	159.0	358	PKP	12 39 37.5	1.2		
			pPKP	12 39 37.5	-3.9								pPKP	12 40 07.2	4.5		
			PP	12 42 36.0	0.3								PKP2	12 40 19.8	5.5		
			LZ		41.0	21.0							PKS	12 43 12.4	5.3		
PKP	12 39 17.0	-0.1		PP	12 43 54.0	-1.8											
CN2	145.8	337	pPKP	12 39 39.0	-4.3		WHN	161.5	342	SKKS	12 50 34.0	1.7					
			sPKP	12 39 48.0	-6.6					SS	13 03 44.0	-5.7					
			PP	12 42 39.0	-2.8					LN			7.0	1.53			
			PPMZ	$m_B=6.5$	9.0	3.20				LE			7.0	1.39			
			SKKS	12 49 17.0	-3.1					PKP	12 39 41.0	2.2					
SNY	148.2	337	eSS	13 01 22.0	-3.2		BJI	152.1	346	pPKP	12 40 12.0	6.6					
			LN		20.0	4.02				PKP2	12 40 27.0	1.8					
			LE		20.0	1.03				PP	12 44 07.5	-1.9					
			LZ		22.0	24.0				SS	13 04 12.0	-3.4					
			iPKP	12 39 22.2	1.1					LN			20.0	2.60			
DL2	151.5	337	sPKP	12 39 59.0	0.4		BTO	152.4	357	LE			20.0	3.30			
			PKS	12 42 56.0	2.6					PKP	12 39 29.7	2.0					
			LN		27.0	11.6				PP	12 43 19.0	-0.1					
			LE		20.0	5.00											
			LZ		30.0	19.0											
HHC	152.1	354	LZ		38.0	8.35											
			iPKP	12 39 27.0	0.8												
			PP	12 43 14.0	-0.1												
			SS	13 02 31.0	2.6												
			LN		14.0	3.00											



CD2	161.8	11	LZ	28.0	5.94	CD2	35.5	325	P	15 15 13.1	-1.8				
			PKP	12 39 41.4	2.3				PMZ	$m_b = 5.7$	1.2	0.18			
			pPKP	12 40 10.0	4.4	DL2	36.4	353	P	15 15 23.0	0.4				
			PP	12 44 07.0	-3.5				PMZ	$m_b = 6.0$	1.5	0.38			
			SKKS	12 50 52.0	5.0	TIY	37.3	341	+iP	15 15 29.2	-0.8				
QZH	164.4	321	LZ	39.0	1.30			S	15 21 09.0	-0.4					
			PKP	12 39 44.0	2.3			LN			14.0	0.43			
			pPKP	12 40 08.0	-0.3			LZ			31.0	2.41			
			PP	12 44 20.0	-4.8	BJI	38.5	347	eP	15 15 39.0	-0.6				
GYA	166.6	5	LZ	40.0	16.1			PMZ	$m_b = 5.8$	1.2	0.20				
			PKP	12 39 45.0	1.2			epP	15 16 01.5	0.0					
			pPKP	12 40 14.0	3.8			PcP	15 17 50.0	-0.8					
			PKP2	12 40 51.6	4.6			eS	15 21 34.0	6.1					
			PP	12 44 35.0	-0.5	SNY	39.2	356	-P	15 15 45.8	0.5				
			SKKS	12 51 11.0	0.0			PMZ	$m_b = 5.8$	1.2	0.20				
			SS	13 05 10.0	3.1			S	15 21 44.0	6.6					
KMI	167.0	21	LN	20.0	5.60			LZ			24.0	1.04			
			LE	20.0	4.50	LZH	39.5	330	-P	15 15 47.5	-0.3				
			LZ	38.0	8.10			PMZ	$m_b = 5.8$	2.0	0.32				
			PKP	12 39 45.0	0.8			PMZ	$m_b = 5.7$	4.0	0.53				
			pPKP	12 40 16.0	5.5			pP	15 16 07.0	-2.6					
GZH	168.7	333	PKP2	12 40 52.0	3.2			sP	15 16 16.0	-5.2					
			PP	12 44 39.0	1.4			PP	15 17 22.0	-1.1					
			SKKS	12 51 20.0	7.0			eS	15 21 42.0	-0.9					
			PKP	12 39 47.0	2.1			LN			15.0	0.62			
			pPKP	12 40 15.1	3.6			LZ			25.0	1.86			
QZN	173.7	343	PP	12 44 46.0	-0.2			eP	15 15 55.2	-0.9					
			LN			20.0	8.77	HHC	40.5	342	PMZ	$m_b = 5.3$	1.2	0.063	
			LE			18.0	9.32	BTO	40.7	340	eP	15 15 57.8	-0.5		
			LZ			56.0	23.2			LN			15.0	0.30	
			ePKP	12 39 50.0	0.5			LE			15.0	0.40			
GZA	173.7	343	pPKP	12 40 18.0	1.3			CN2	41.1	359	eP	15 16 01.0	0.1		
			PP	12 45 09.0	-2.3			PMZ	$m_b = 5.5$	1.0	0.080				
			PPMZ	$m_b = 6.3$	10.0	3.90	MDJ	41.9	3	+P	15 16 09.4	1.2			
			SKS	12 46 44.0	6.5			PMZ	$m_b = 5.7$	1.2	0.16				
			SKKS	12 51 45.0	-2.7			S	15 22 23.0	4.4					
			SS	13 06 14.0	-2.7			-P	15 16 19.0	0.6					
			LN			22.0	8.60	LSA	43.1	312	eS	15 22 41.0	3.1		
LE			19.0	4.40	GTA	44.0	330	-P	15 16 24.4	-1.0					
<p>JUL 6d 15h 08m 24.9 ± 0.04s, SD1.18 / 179 2.57 N ± 0.56km, 126.64 E ± 0.83km, h96 ± 0.20km Molucca Passage (266) $m_b 5.6 / 3, m_b 5.4 / 65,$</p>															
QZN	23.2	316	P	15 13 24.0	-0.1			PMZ	$m_b = 5.3$	3.5	0.17				
			LN			13.0	1.10	WMQ	53.6	326	P	15 17 38.5	-0.6		
QZH	23.6	341	eP	15 13 27.5	-0.1			PMZ	$m_b = 5.4$	1.0	0.050				
			GZH	24.1	329	P	15 13 31.8	-1.2			PcP	15 18 47.5	3.9		
SSE	28.8	350	PMZ	$m_b = 5.6$	1.2	0.36		PP	15 19 37.0	-5.2					
			+P	15 14 17.0	0.4			LZ			26.0	0.70			
			PMZ	$m_b = 5.2$	1.5	0.079	KSH	58.8	316	eP	15 18 16.0	-0.4			
			pP	15 14 41.0	3.3			<p>JUL 6d 16h 10m 57.7 ± 0.07s, SD2.53 / 13 27.90 N ± 0.37km, 101.15 E ± 0.50km, h26 ± 0.38km Yunnan Province (318) $M_L 3.4 / 8,$</p>							
			S	15 19 02.0	4.4			KMI	3.1	152	ePn	16 11 47.5	1.8		
WHN	30.2	339	eSS	15 20 39.0	6.7			Pg	16 11 51.5	-1.0					
			LE			16.0	0.51	Sg	16 12 33.0	-1.8					
			LZ			20.0	0.92	SMN	$M_L = 3.5$	1.0	0.19				
NJ2	30.2	347	eP	15 14 28.0	-0.3			SME			1.0	0.14			
			PMZ	$m_b = 5.0$	1.0	0.030	CD2	3.8	37	Pn	16 11 57.6	2.9			
KMI	32.2	316	-P	15 14 28.0	-1.0			Pg	16 12 03.4	-0.8					
			PMZ	$m_b = 5.3$	1.0	0.053		Sg	16 12 52.6	-3.2					
			LZ			26.0	0.97	SMN	$M_L = 3.8$	0.8	0.19				
TIA	34.6	346	eP	15 14 46.0	-0.1			SME			0.9	0.29			
			PMZ	$m_b = 5.7$	2.0	0.27	XAN	9.0	46	eP	16 13 11.2	1.3			
XAN	35.4	334	pP	15 15 05.5	-1.7			<p>JUL 6d 16h 58m 47.1 ± 0.04s, SD1.50 / 32</p>							
			eP	15 15 05.8	-1.2										

21.19 N±0.45km, 121.62 E±0.65km, h105±0.27km
Philippine Islands region
m_b4.2/6,
(248)

QZH	4.7	324	P	16 59 55.5	-1.2		
			S	17 00 45.0	-4.8		
			SMN			1.0	0.18
			SME			1.0	0.20
QZN	11.3	261	P	17 01 28.1	1.9		
			eS	17 03 32.5	1.9		
TIY	18.3	336	-P	17 02 56.5	1.1		
BJI	19.4	347	eP	17 03 06.5	-0.6		
			PMZ	m _b =4.2		1.0	0.013
BTO	21.7	336	eP	17 03 34.4	3.1		

JUL 6d 19h 00m 12.4±0.05s, SD1.51/116
16.70 S±0.86km, 167.47 E±1.19km, h25±0.23km
Vanuatu (New Hebrides)
M_s5.3/4, m_b5.5/2, m_b4.7/11
(186)

SSE	65.1	317	eP	19 10 52.0	-1.6		
			S	19 19 32.0	-0.1		
			LN	M _s =5.2		16.0	0.60
			LE			16.0	0.51
			LZ	M _s =5.0		20.0	0.92
NJ2	67.2	316	eP	19 11 09.5	2.2		
			eS	19 19 59.0	-0.4		
			LZ	M _s =4.9		20.0	0.77
WHN	69.4	313	eP	19 11 21.0	0.1		
			S	19 20 28.0	3.9		
			LZ	M _s =4.8		20.0	0.62
MDJ	70.1	332	+P	19 11 26.0	0.8		
			PMZ	m _b =5.0		1.0	0.017
CN2	71.4	329	+P	19 11 32.0	-1.2		
			PMZ	m _b =4.7		1.0	0.010
			PMZ	m _b =5.4		4.0	0.18
			pP	19 11 39.0	-2.3		
			eS	19 20 48.0	-1.1		
			LZ	M _s =5.2		20.0	1.48
BJI	73.9	321	eP	19 11 47.0	-0.9		
			eS	19 21 18.0	0.5		
			LZ	M _s =5.0		24.0	0.95
TIY	74.8	318	-P	19 11 53.2	-0.1		
			S	19 21 31.0	4.7		
			LE	M _s =5.4		23.0	1.49
			LZ	M _s =4.9		24.0	0.68
XAN	75.2	313	P	19 11 54.6	-0.6		
HHC	77.2	320	eP	19 12 07.0	0.1		
			S	19 21 57.0	4.7		
			ScS	19 22 15.0	-3.0		
			LZ	M _s =5.2		18.0	1.21
CD2	77.4	308	eP	19 12 11.3	3.6		
LZH	79.8	312	eP	19 12 21.0	-0.1		
			PMZ	m _b =5.6		4.0	0.30
			pP	19 12 29.5	0.5		
			ePP	19 15 28.0	5.4		
			eS	19 22 20.0	-1.7		
			LN	M _s =5.2		18.0	0.66
			LZ	M _s =4.9		27.0	0.81
GTA	84.2	314	eP	19 12 42.4	-1.4		
			pP	19 12 52.6	0.8		
			SKS	19 23 06.0	5.5		
			LZ	M _s =5.4		11.0	0.93
LSA	86.8	302	P	19 12 55.2	-1.8		
WMQ	94.2	314	P	19 13 31.5	0.0		

JUL 7d 00h 58m 17.5±0.05s, SD1.33/110
5.50 N±0.60km, 126.02 E±0.79km, h122±0.47km
Mindanao
m_b5.0/45,
(259)

QZN	20.7	312	-P	01 02 50.2	0.0		
TIA	31.6	346	eP	01 04 30.5	-1.1		
XAN	32.5	333	P	01 04 37.8	-1.5		
CD2	32.8	323	eP	01 04 41.1	-0.7		
			PMZ	m _b =5.1		1.0	0.032
TIY	34.4	341	-P	01 04 55.2	0.0		
			LZ			12.0	0.48
BJI	35.5	347	eP	01 05 04.0	-0.8		
			PMZ	m _b =5.0		1.0	0.027
SNY	36.2	357	+iP	01 05 11.6	0.7		
			PMZ	m _b =5.6		0.8	0.083
			pP	01 05 39.8	1.9		
LZH	36.6	329	-P	01 05 14.5	0.1		
			PMZ	m _b =5.3		1.5	0.079
			pP	01 05 36.0	-5.1		
			LE			10.0	0.22
			LZ			20.0	0.25
HHC	37.5	342	eP	01 05 21.3	-0.4		
CN2	38.2	359	eP	01 05 26.8	-0.1		
			PMZ	m _b =4.4		0.8	0.0059
			LZ			17.0	0.29
MDJ	39.1	4	eP	01 05 35.8	1.1		
			PMZ	m _b =5.1		1.2	0.045
GTA	41.2	329	+iP	01 05 52.0	-0.5		
			pP	01 06 23.0	3.5		
			PcP	01 07 50.4	1.4		
			ScP	01 11 30.0	3.9		
			ScS	01 15 43.0	2.3		
WMQ	50.9	325	P	01 07 08.0	-0.6		
			PMZ	m _b =5.0		1.0	0.020

JUL 7d 03h 16m 38.7±0.05s, SD2.57/16
31.79 N±0.32km, 102.64 E±0.47km, h11±0.13km
Sichuan Province
M_s3.8/2, M_L3.6/10,
(307)

CD2	1.3	132	iPg	03 17 01.7	-0.1		
			Sg	03 17 21.4	1.8		
			SMN	M _L =3.2		0.7	0.43
			SME			0.9	0.41
LZH	4.4	13	Pg	03 17 58.5	1.9		
			Sg	03 18 57.0	0.5		
			SMN	M _L =3.6		1.8	0.098
			SME			1.8	0.12
			LN	M _s =3.7		6.0	0.46
			LE			6.0	0.50
XAN	5.7	65	ePn	03 18 05.0	0.7		
			Pg	03 18 23.0	3.0		
			Sn	03 19 12.5	0.2		
			SMN	M _L =3.7		1.0	0.070
			SME			1.0	0.050
GYA	6.4	146	ePn	03 18 16.4	3.3		
			Sn	03 19 27.0	-1.1		
			SMN	M _L =3.8		1.2	0.070
			SME			1.2	0.050

JUL 8d 10h 30m 38.2±0.06s, SD1.79/13
24.64 N±0.81km, 124.30 E±0.71km, h9±0.18km
South-western Ryukyu Islands
M_L3.3/2, m_b4.3/2,
(246)

QZH	5.2	274	ePn	10 31 55.0	-1.5		
			SMN	M _L =3.1		0.6	0.023
			SME			0.7	0.023

JUL 8d 10h 45m 33.2±0.04s, SD1.42/60
20.19 S±0.57km, 133.85 E±0.64km, h5±0.10km
Northern Territory, Australia
m_b5.1/20,
(591)

QZN	45.5	327	eP	10 53 56.0	0.0		
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CD2	58.5	330	P	10 55 33.0	0.0				ScS	15 48 51.5	1.2			
			PMZ	$m_b = 5.3$		0.9	0.039		LZ	$M_g = 4.3$		20.0	0.29	
XAN	58.9	336	eP	10 55 35.2	-1.1			JUL 8d 21h 14m $21.4 \pm 0.06s$, SD0.94 / 307						
LZH	62.8	333	+P	10 56 02.5	0.0			53.23 N $\pm 0.81km$, 159.83 E $\pm 0.72km$, h44 $\pm 0.21km$						
			PMZ	$m_b = 5.1$		1.5	0.037	Off east coast of Kamchatka (219)						
CN2	64.1	353	eP	10 56 10.0	-1.4			$M_g 4.5 / 13$, $m_b 5.0 / 1$, $m_b 5.3 / 80$						
GTA	67.3	332	+iP	10 56 32.6	0.8			MDJ	21.5	259	eP	21 19 08.6	-0.4	
			PMZ	$m_b = 5.0$		1.0	0.020				PMZ	$m_b = 5.0$	1.0	0.082
WMQ	76.4	328	P	10 57 27.5	1.0			CN2	24.4	261	+P	21 19 36.0	-1.5	
			PMZ	$m_b = 5.4$		1.2	0.050				pP	21 19 48.0	-0.3	
JUL 8d 15h 30m $17.6 \pm 0.03s$, SD1.26 / 105														
23.76 N $\pm 0.84km$, 142.93 E $\pm 0.69km$, h32 $\pm 0.13km$														
Volcano Islands region (213)														
$M_g 4.3 / 6$, $m_b 5.4 / 1$, $m_b 4.8 / 26$														
SSE	20.6	296	P	15 34 57.0	0.1			SNY	26.7	259	eP	21 19 57.8	-1.1	
			PMZ	$m_b = 4.8$		0.8	0.041				sS	21 24 42.0	-6.0	
			pP	15 35 10.0	4.6			BJI	32.2	264	eP	21 20 47.0	-1.1	
			S	15 38 46.0	5.8						LZ	$M_g = 4.4$	20.0	1.10
			LE	$M_g = 4.2$		13.0	0.50	TIA	34.2	258	eP	21 21 03.7	-1.4	
			LZ	$M_g = 4.0$		20.0	0.55				LZ	$M_g = 4.3$	18.0	0.59
NJ2	22.8	297	+P	15 35 19.0	0.3			HHC	34.5	269	P	21 21 07.9	0.1	
			S	15 39 26.0	5.4						pP	21 21 17.0	-1.9	
			LZ	$M_g = 3.8$		18.0	0.29				LN	$M_g = 4.7$	15.0	0.38
MDJ	23.5	336	eP	15 35 24.5	-1.1						LE		18.0	0.74
SNY	24.2	323	+P	15 35 31.0	-1.3						LZ	$M_g = 4.6$	20.0	1.00
			PMZ	$m_b = 4.7$		1.2	0.035	SSE	35.6	247	eP	21 21 15.5	-1.4	
			sP	15 35 45.4	0.2						eS	21 26 48.0	-0.8	
			S	15 39 39.0	-6.0						LZ	$M_g = 4.2$	20.0	0.46
			LZ	$M_g = 4.0$		24.0	0.52	BTO	35.6	270	P	21 21 15.6	-1.5	
CN2	24.6	329	eP	15 35 37.0	0.4						LN	$M_g = 4.5$	14.0	0.30
			PMZ	$m_b = 4.2$		0.8	0.0070				LE		14.0	0.30
			pP	15 35 46.0	0.6			TIY	36.0	264	eP	21 21 19.4	-0.9	
			eS	15 39 57.0	3.7						LN	$M_g = 4.3$	10.0	0.22
			LN	$M_g = 4.3$		17.0	0.59				LZ	$M_g = 4.6$	16.0	0.83
			LE			17.0	0.28	NJ2	36.2	251	-P	21 21 21.0	-0.9	
			LZ	$M_g = 4.3$		17.0	0.70	WHN	39.9	254	eP	21 21 52.2	-0.5	
TIA	25.5	305	eP	15 35 44.0	-0.8			XAN	40.5	263	eP	21 21 57.3	-1.2	
			PMZ	$m_b = 5.0$		1.0	0.040	LZH	42.2	269	+P	21 22 12.0	-0.2	
WHN	26.3	291	eP	15 35 53.0	0.9						PMZ	$m_b = 5.3$	1.5	0.068
			pP	15 36 02.0	1.0						pP	21 22 23.5	0.3	
BJI	27.8	312	eP	15 36 02.0	-3.9						sP	21 22 30.0	1.9	
			LZ	$M_g = 3.9$		18.0	0.29				LN	$M_g = 4.5$	11.0	0.26
TIY	29.5	305	eP	15 36 19.8	-1.9						LZ	$M_g = 4.3$	20.0	0.45
			eS	15 41 13.0	-0.2			GTA	42.4	276	+iP	21 22 14.4	0.2	
			LE	$M_g = 4.2$		12.0	0.28				pP	21 22 27.2	1.9	
			LZ	$M_g = 4.2$		18.0	0.49				sP	21 22 32.2	2.0	
HHC	31.3	311	eP	15 36 36.0	-1.4						LN	$M_g = 4.6$	12.0	0.31
			LZ	$M_g = 4.4$		20.0	0.75				LZ	$M_g = 4.6$	14.0	0.59
XAN	31.4	297	eP	15 36 37.0	-0.9			CD2	45.8	264	eP	21 22 40.4	-1.1	
BTO	32.3	309	eP	15 36 46.0	-0.1			WMQ	46.8	289	P	21 22 49.2	0.2	
CD2	35.4	290	P	15 37 13.0	0.2						PMZ	$m_b = 5.2$	1.0	0.030
LZH	35.8	299	eP	15 37 15.0	-1.5						pP	21 22 58.0	-2.2	
			PMZ	$m_b = 4.9$		2.0	0.042				sP	21 23 06.5	1.5	
			PMZ	$m_b = 5.4$		4.0	0.26				PcP	21 24 21.0	-0.2	
			sP	15 37 34.0	4.6						ScP	21 28 13.0	3.4	
			LE	$M_g = 4.4$		12.0	0.28				LN	$M_g = 4.7$	8.0	0.22
			LZ	$M_g = 4.3$		20.0	0.49				LZ	$M_g = 4.7$	18.0	0.80
KMI	36.5	281	eP	15 37 25.0	2.5			GYA	47.4	257	P	21 22 53.6	-0.1	
			PMZ	$m_b = 5.1$		1.7	0.060	KMI	50.7	260	eP	21 23 22.0	2.7	
			pP	15 37 29.0	-2.4			QZN	51.3	248	-P	21 23 26.0	1.9	
GTA	39.5	304	eP	15 37 46.2	-1.3			LSA	54.3	273	P	21 23 46.4	0.1	
			LN	$M_g = 4.4$		12.0	0.24	JUL 8d 22h 57m $38.2 \pm 0.06s$, SD3.63 / 8						
			LZ	$M_g = 4.4$		14.0	0.41	33.15 N $\pm 0.53km$, 104.20 E $\pm 0.62km$, h5 $\pm km$						
LSA	46.3	289	P	15 38 45.4	2.2			Sichuan Province (307)						
WMQ	49.1	308	P	15 39 04.0	-0.5			$M_1 3.1 / 5$						
			S	15 46 04.0	-1.5			CD2	2.3	190	Pn	22 58 12.5	-4.2	
			sS	15 46 24.0	2.1									

JUL 10d 05h 34m 06.1 ± 0.04s, SD0.96 / 83				JUL 10d 05h 52m 01.8 ± 0.05s, SD1.01 / 346														
9.07 N ± 0.34km, 124.14 E ± 0.13km, h520 ± 0.57km				43.38 N ± 0.72km, 145.73 E ± 0.61km, h100 ± 0.21km														
Mindanao (259)				Hokkaido region (224)														
m _b 4.9 / 28,				m _b 5.6 / 7, m _b 5.3 / 118,														
QZH	16.6	342	+P	05 37 32.3	-0.1			TIA	23.0	262	eP	05 57 00.0	0.8					
			PMZ		m _b = 5.3	0.7	0.060				S	06 01 04.0	6.9					
QZN	17.0	307	-P	05 37 37.2	1.0						LN			15.0	0.42			
			PMZ		m _b = 4.8	0.7	0.020				LE			15.0	0.60			
GZH	17.4	325	eS	05 40 25.0	-1.1						LZ			20.0	0.55			
			P	05 37 40.3	0.9						eP	05 57 00.0	0.8					
			PMZ		m _b = 5.5	0.9	0.13				S	06 01 00.0	1.7					
SSE	22.1	353	S	05 40 25.0	-6.2						-P	05 57 09.6	1.4					
			P	05 38 24.3	0.4						PMZ		m _b = 5.1	1.0	0.084			
			PMZ		m _b = 4.7	1.5	0.030				pP	05 57 31.0	1.6					
WHN	23.2	338	+P	05 38 36.0	1.6						eP	05 57 21.5	-0.2					
			PMZ		m _b = 5.0	0.8	0.030				PMZ		m _b = 5.5	1.2	0.15			
NJ2	23.4	349	-P	05 38 36.0	0.3						pP	05 57 42.5	-0.3					
TIA	27.8	348	+P	05 39 14.1	-0.4						PP	05 58 03.0	-1.5					
XAN	28.5	333	+iP	05 39 20.4	-0.8						S	06 01 38.0	0.3					
			PMZ		m _b = 5.1	0.8	0.050				LN			10.0	0.28			
CD2	28.9	322	eP	05 39 23.8	-0.4						LE			8.0	0.32			
			PMZ		m _b = 5.0	0.5	0.020				LZ			12.0	0.62			
BJI	31.6	348	eP	05 39 47.5	-0.4						+P	05 57 24.8	-1.0					
			PMZ		m _b = 4.8	1.0	0.032				PMZ		m _b = 5.3	1.4	0.10			
SNY	32.6	359	+iP	05 39 55.8	-0.4						pP	05 57 49.0	1.9					
			PMZ		m _b = 4.9	0.6	0.024				LN			12.0	0.45			
LZH	32.6	329	+P	05 39 57.4	1.0						LZ			30.0	0.91			
			PMZ		m _b = 4.7	1.5	0.037				P	05 57 33.0	0.2					
HHC	33.6	343	eP	05 40 04.6	0.4						pP	05 57 51.0	-3.2					
CN2	34.6	2	eP	05 40 11.9	-1.0						sS	06 02 36.0	0.0					
GTA	37.2	328	+iP	05 40 35.4	0.7						LN			11.0	0.50			
WMQ	46.9	324	eP	05 41 50.7	-0.6						LZ			11.0	0.40			
											+P	05 57 46.5	1.0					
											PMZ		m _b = 5.3	1.0	0.060			
											pP	05 58 10.2	3.0					
											S	06 02 22.0	1.7					
											LN			13.0	0.59			
											LE			13.0	0.35			
											+iP	05 58 03.3	-0.3					
											LZH	32.8	272	+P	05 58 28.0	0.2		
											PMZ		m _b = 5.3	1.6	0.090			
											pP	05 58 51.0	1.2					
											sP	05 59 03.5	1.6					
											PP	05 59 40.0	0.3					
											PcP	06 01 11.5	1.2					
											S	06 03 35.0	-0.4					
											sS	06 04 15.0	-0.1					
											ScP	06 04 45.5	1.6					
											PcS	06 04 55.0	0.7					
											ScS	06 08 44.0	1.6					
											LN			13.0	0.52			
											LZ			24.0	0.53			
											P	05 58 35.0	0.9					
											PMZ		m _b = 5.1	0.9	0.030			
											eS	06 03 50.0	2.1					
											+P	05 58 41.6	0.2					
											PMZ		m _b = 5.5	5.0	0.41			
											pP	05 59 04.0	0.4					
											sP	05 59 13.2	-2.5					
											PP	06 00 00.0	1.3					
											PcP	06 01 16.0	1.2					
											S	06 03 58.0	-1.9					
											ScP	06 04 51.4	2.0					
											ScS	06 08 53.0	2.3					
											LN			10.0	0.41			
											LZ			18.0	0.64			
											eP	05 58 49.4	-0.4					
											PMZ		m _b = 5.6	0.6	0.070			
											pP	05 59 11.7	-0.6					
											S	06 04 14.0	-1.3					
											ScS	06 08 57.0	0.9					
											-iP	05 58 52.8	-1.2					

JUL 10d 06h 53m 04.6 ± 0.05s, SD1.05 / 81 0.67 S ± 0.63km, 120.00 E ± 0.83km, h47 ± 0.02km Sulawesi (Celebes) (268) M _S 4.4 / 3, m _b 4.9 / 27,					JUL 10d 09h 49m 25.4 ± 0.04s, SD1.43 / 156 12.49 N ± 0.71km, 93.81 E ± 0.75km, h118 ± 0.22km Andaman Islands region (703) m _b 5.2 / 5, m _b 5.2 / 45,								
		PMZ	m _b = 4.9	1.0	0.020			PMZ	m _b = 5.3	0.8	0.030		
		pP	05 59 17.0	0.5				pP	07 02 29.0	-1.5			
		S	06 04 20.0	-2.9									
		sS	06 04 57.0	-5.8									
		ScS	06 08 59.0	0.3									
		LN		16.0	0.30								
		LE		16.0	0.50								
KMI	39.4	257	-P	05 59 25.0	1.0	KMI	15.2	33	-iP	09 52 57.5	2.6		
			PMZ	m _b = 5.3	1.1	0.060			PMZ	m _b = 5.6	1.5	0.34	
			eS	06 05 18.0	-0.5				S	09 55 45.0	5.7		
WMQ	41.3	291	P	05 59 40.0	0.8				LE		8.0	0.50	
			PMZ	m _b = 5.8	1.0	0.14			LZ		10.0	0.80	
			pP	06 00 04.0	2.1		QZN	16.7	65	eP	09 53 15.0	0.7	
			S	06 05 44.0	-0.8				S	09 56 21.0	6.0		
			ScS	06 09 33.0	2.9				LN		12.0	1.00	
			LN		8.0	0.62	LSA	17.3	352	-P	09 53 22.0	0.3	
			LZ		16.0	0.84			PMZ	m _b = 5.5	2.5	0.57	
LSA	45.2	271	P	06 00 12.8	1.6		GYA	18.4	39	+iP	09 53 33.0	-1.4	
KSH	51.1	291	eP	06 00 55.0	-1.7				PMZ	m _b = 5.2	1.2	0.14	
									S	09 56 54.0	2.1		
							CD2	20.5	25	-iP	09 53 55.0	-1.4	
									PMZ	m _b = 5.3	1.0	0.15	
									S	09 57 33.0	-0.7		
							GZH	21.4	58	eP	09 54 08.0	3.2	
									S	09 57 55.0	5.7		
									LN		12.0	0.63	
							LZH	25.2	19	-P	09 54 42.0	0.1	
									PMZ	m _b = 5.5	2.0	0.26	
									PMZ	m _b = 4.9	10.0	0.37	
									pP	09 55 10.0	3.6		
									sP	09 55 24.5	3.7		
									S	09 58 53.0	-2.2		
									sS	09 59 45.0	5.5		
									SS	10 00 05.0	-1.0		
									ScP	10 01 37.0	-2.5		
									ScS	10 05 25.0	-1.9		
									LE		11.0	0.56	
									LZ		20.0	0.74	
							XAN	25.5	30	P	09 54 42.6	-2.1	
									LE		11.0	0.090	
							GTA	27.3	10	-iP	09 55 01.6	-0.2	
									PMZ	m _b = 5.5	5.0	0.59	
									pP	09 55 28.0	1.3		
									sP	09 55 43.4	2.4		
									PcP	09 58 19.6	1.9		
									ScP	10 01 44.0	-1.8		
									S	09 59 28.0	-2.5		
									ScS	10 05 34.0	-2.1		
									LE		11.0	0.34	
									LZ		15.0	0.44	
							TIY	30.1	30	eP	09 55 25.0	-1.8	
									S	10 00 11.0	-4.0		
									SS	10 01 57.0	-5.1		
									LE		15.0	0.54	
									LZ		20.0	0.88	
							NJ2	30.1	46	eP	09 55 26.0	-0.7	
									S	10 00 12.0	-3.0		
									LN		11.0	0.71	
									LZ		16.0	0.35	
							KSH	31.2	333	P	09 55 35.0	-1.4	
									LE		8.0	1.70	
							BTO	31.4	24	eP	09 55 37.0	-1.1	
									eS	10 00 30.0	-6.2		
									LN		12.0	0.50	
									LE		12.0	0.30	
									LZ		12.0	0.50	
							TIA	31.6	38	eP	09 55 38.8	-0.7	
									LN		20.0	0.71	

XAN	75.1	313	P	02 14 08.5	-1.5		
KMI	75.4	302	-P	02 14 12.5	0.3		
			pP	02 14 21.0	0.1		
LZH	79.7	313	eP	02 14 36.0	0.0		
			PMZ	$m_b=4.9$	1.5	0.020	
			pP	02 14 45.0	0.2		
			sP	02 14 49.5	1.0		
			LZ	$M_s=4.5$	25.0	0.27	
GTA	84.1	314	P	02 14 58.0	-0.7		

JUL 11d 03h 15m $59.3 \pm 0.04s$, SD1.57 / 82
 57.93 S $\pm 1.24km$, 25.45 W $\pm 1.43km$, $h33 \pm 0.09km$
 South Sandwich Islands region (153)
 $m_b 5.3 / 8$,

LZH	140.3	101	ePKP	03 35 27.5	1.1		
GTA	140.7	94	ePKP	03 35 29.6	2.6		
NJ2	144.5	121	+PKP	03 35 33.0	-0.5		
			sPKP	03 35 46.4	-0.3		
SSE	144.8	125	-PKP	03 35 31.5	-2.5		
TIY	146.0	108	ePKP	03 35 35.6	-0.6		
BTO	146.9	102	PKP	03 35 40.1	2.3		
TIA	147.1	115	ePKP	03 35 40.3	2.3		
HHC	147.9	103	ePKP	03 35 42.8	3.4		
BJI	149.7	109	ePKP	03 35 47.0	5.0		

JUL 11d 11h 05m $07.2 \pm 0.06s$, SD2.45 / 24
 39.72 N $\pm 0.69km$, 118.49 E $\pm 0.57km$, $h10 \pm 0.05km$
 North-Eastern China (658)
 $M_L 3.9 / 19$, $m_b 4.5 / 1$,

BJI	1.8	281	Pn	11 05 37.5	-1.3		
			Pg	11 05 38.5	-0.7		
			Sg	11 05 59.5	-4.5		
			SMN	$M_L=3.4$	0.5	0.40	
			SME		0.5	0.40	
DL2	2.6	108	Pn	11 05 51.0	1.8		
			Pg	11 05 57.0	4.5		
			Sg	11 06 32.0	4.4		
			SMN	$M_L=3.6$	0.6	0.35	
			SME		0.6	0.35	
TIA	3.7	198	Pn	11 06 03.7	-0.7		
			Pg	11 06 12.8	0.9		
			Sn	11 06 44.5	-5.2		
			SMN	$M_L=3.7$	0.6	0.17	
			SME		0.6	0.22	
SNY	4.4	60	Pn	11 06 16.0	1.6		
			Sn	11 07 05.6	-2.2		
			Sg	11 07 27.8	2.9		
			SMN	$M_L=4.1$	1.2	0.46	
			SME		0.8	0.17	
TIY	5.1	249	ePn	11 06 24.6	-0.2		
			Pg	11 06 44.0	6.0		
			Sg	11 07 44.4	-3.9		
			SMN	$M_L=3.9$	0.7	0.080	
			SME		0.6	0.19	
HHC	5.4	284	Pg	11 06 45.0	2.0		
			Sg	11 07 55.2	-1.7		
			SMN	$M_L=4.0$	1.0	0.13	
			SME		1.0	0.15	
			SMZ	$M_L=3.8$	1.0	0.060	
CN2	6.6	50	ePn	11 06 40.4	-4.4		
			eSn	11 07 57.0	-5.5		
			SMN	$M_L=4.2$	1.0	0.15	
			SME		1.0	0.099	
NJ2	7.7	178	ePn	11 07 03.8	4.6		
LZH	12.1	257	eP	11 08 02.0	-1.5		
			PMZ	$m_b=4.5$	1.6	0.020	

JUL 12d 04h 42m $22.9 \pm 0.05s$, SD1.30 / 92

39.35 S $\pm 0.43km$, 175.91 E $\pm 0.32km$, $h69 \pm 0.42km$
 North Island, New Zealand (159)

QZH	83.4	310	P	04 54 44.8	0.0		
NJ2	88.6	315	-P	04 55 10.0	-0.3		
WHN	90.0	311	+P	04 55 17.4	0.2		
			PMZ	$m_b=5.5$	1.2	0.040	
			sP	04 55 38.0	-5.3		
TIA	92.7	316	eP	04 55 28.0	-1.3		
MDJ	93.4	329	eP	04 55 32.0	-0.8		
			PMZ	$m_b=5.5$	1.1	0.026	
CN2	94.5	326	eP	04 55 36.0	-1.6		
			PMZ	$m_b=5.0$	1.0	0.0080	
XAN	95.7	310	P	04 55 43.5	0.1		

JUL 12d 10h 42m $20.7 \pm 0.03s$, SD1.45 / 338
 45.36 N $\pm 0.50km$, 21.04 E $\pm 0.39km$, $h9 \pm 0.10km$
 Yugoslavia (383)

			$M_s 6.0 / 31$, $m_b 5.0 / 44$,				
KSH	40.3	78	P	10 50 04.0	3.8		
			PP	10 51 40.0	3.9		
			sS	10 56 14.0	-2.4		
			LN	$M_s=6.2$	10.0	9.20	
			LE		9.0	9.90	
			LZ	$M_s=6.0$	13.5	14.0	
WMQ	46.3	67	P	10 50 51.5	2.7		
			PP	10 52 40.0	3.3		
			sS	10 57 42.0	-2.1		
			LN	$M_s=6.2$	11.0	8.62	
			LE		10.0	5.07	
			LZ	$M_s=5.6$	20.0	6.74	
LSA	56.1	80	eP	10 52 04.0	0.6		
GTA	56.3	66	P	10 52 06.6	1.8		
			pP	10 52 14.6	4.5		
			sS	10 59 58.0	-4.5		
			LE	$M_s=6.0$	10.0	3.84	
			LZ	$M_s=5.8$	19.0	8.38	
LZH	60.8	67	eP	10 52 37.5	1.1		
			PMZ	$m_b=5.3$	2.0	0.088	
			pP	10 52 42.0	0.3		
			LN	$M_s=6.0$	14.0	4.59	
			LZ	$M_s=5.8$	18.0	7.11	
BTO	62.0	60	eP	10 52 46.4	2.0		
			PP	10 55 06.0	3.8		
			eS	11 01 10.0	2.2		
			eSS	11 05 16.5	6.2		
			LN	$M_s=6.1$	19.0	7.20	
			LE		16.0	2.00	
			LZ	$M_s=5.6$	19.0	4.40	
HHC	62.8	59	eP	10 52 50.0	0.4		
			sS	11 01 24.5	-2.0		
			LN	$M_s=6.0$	16.0	2.99	
			LE		12.0	3.79	
			LZ	$M_s=5.9$	20.0	9.34	
CD2	63.9	72	eP	10 52 58.4	1.3		
			eS	11 01 35.0	3.2		
			LE	$M_s=5.6$	11.0	1.55	
			LZ	$M_s=5.4$	17.0	2.16	
XAN	65.4	66	P	10 53 08.0	1.7		
			LN	$M_s=6.1$	16.0	6.20	
			LE		17.0	4.00	
BJI	66.0	57	eP	10 53 10.0	-0.6		
			ePP	10 55 40.0	2.5		
			sS	11 02 09.0	2.2		
			LN	$M_s=6.1$	12.0	3.71	
			LE		12.0	3.15	
			LZ	$M_s=5.8$	20.0	5.67	
KMI	66.9	77	+P	10 53 17.5	1.0		

			LN		$M_s=4.7$	10.0	3.67			S	03 12	16.0	2.4		
			LE			10.0	3.51			LN		$M_s=6.8$	15.0	6.98	
			LZ		$M_s=4.4$	12.0	3.25			LE			15.0	20.2	
BTO	11.6	80	eP	22 08	45.8	-2.6				LZ		$M_s=6.4$	36.0	33.4	
			LN		$M_s=4.3$	9.0	0.80	BJI	80.8	317	eP	03 02	29.0	-0.7	
			LE			9.0	0.60			PMZ		$m_b=5.5$	2.0	0.12	
XAN	12.5	112	P	22 08	59.0	-1.0				eS	03 12	40.0	3.3		
HHC	12.8	79	P	22 09	02.0	-2.3				eSS	03 17	50.0	-1.6		
			PMZ		$m_b=5.2$	1.1	0.057			LN		$M_s=7.1$	17.0	24.9	
			LN		$M_s=4.6$	5.5	0.66			LE			20.0	43.3	
			LE			6.0	0.66			LZ		$M_s=6.6$	26.0	34.3	
TIY	13.8	92	+P	22 09	14.5	-3.2		HHC	82.5	320	-P	03 02	37.0	-1.6	
			PMZ		$m_b=5.4$	0.5	0.039			PMZ		$m_b=5.6$	1.2	0.070	
			LN		$M_s=4.7$	11.0	2.21			PMZ		$m_b=6.5$	7.0	3.24	
			LZ		$M_s=4.3$	12.0	1.20			SKS	03 12	55.0	1.3		
KSH	14.6	276	eP	22 09	26.0	-2.5				LN		$M_s=7.0$	15.0	15.4	
			sS	22 12	22.0	2.5				LE			15.0	24.5	
			LN		$M_s=5.0$	7.0	1.10			LZ		$M_s=6.7$	32.0	54.0	
			LE			8.0	2.40	TIA	83.2	314	eP	03 02	41.0	-1.0	
GYA	16.3	139	P	22 09	52.0	1.8				PMZ		$m_b=5.1$	1.6	0.030	
			PMZ		$m_b=4.4$	1.0	0.020			PMZ		$m_b=6.5$	8.0	4.00	
BJI	16.4	81	eP	22 09	51.0	0.5				S	03 13	01.0	1.8		
			LN		$M_s=4.3$	11.0	0.72			LN		$M_s=7.1$	19.0	28.6	
TIA	17.9	94	eP	22 10	10.0	0.8				LE			18.0	30.6	
SNY	21.8	75	+P	22 10	53.3	-0.2		BTO	83.4	321	P	03 02	42.7	-0.6	
			PMZ		$m_b=4.5$	1.0	0.021			PMZ		$m_b=6.2$	7.0	1.50	
			eS	22 14	56.0	6.4				PP	03 05	58.0	2.1		
			LE		$M_s=4.5$	8.0	0.53			S	03 13	03.0	1.4		
			LZ		$M_s=4.6$	9.0	1.07			SS	03 18	34.0	3.8		
SSE	23.0	103	eP	22 11	08.5	3.6				LN		$M_s=7.2$	14.0	21.4	
			sS	22 15	24.0	3.8				LE			14.0	35.1	
			LN		$M_s=4.7$	14.0	1.42			LZ		$M_s=6.4$	16.0	14.1	
			LE			14.0	0.44	TIY	84.5	317	+P	03 02	49.0	0.3	
			LZ		$M_s=4.0$	17.0	0.44			S	03 13	14.5	2.3		
CN2	23.1	69	eP	22 11	08.5	2.0				SS	03 18	52.0	6.6		
			PMZ		$m_b=4.4$	0.6	0.010			LN		$M_s=6.9$	12.0	13.1	
			eS	22 15	10.0	-3.6				LE			14.0	17.5	
			LZ		$M_s=4.6$	12.0	1.20			LZ		$M_s=6.6$	20.0	25.5	
MDJ	26.1	67	eP	22 11	36.8	1.8		SSE	84.6	308	+P	03 02	48.0	-1.4	
<p>JUL 13d 02h 50m 13.9 ± 0.03s, SD1.06 / 581 42.19 N ± 0.55km, 125.71 W ± 0.54km, h13 ± 0.22km Off coast of Northern California (34) $M_s=6.9/50, m_b=6.4/30, m_b=6.0/95$</p>															
MDJ	70.5	313	eP	03 01	30.0	-1.2				PMZ		$m_b=5.4$	1.0	0.037	
			PMZ		$m_b=5.1$	1.0	0.022			PMZ		$m_b=6.0$	8.0	1.21	
			PMZ		$m_b=5.9$	8.0	1.11	NJ2	85.3	310	+P	03 02	52.0	-0.7	
			iS	03 10	40.0	-3.3				SKS	03 13	10.0	1.6		
			LN		$M_s=7.0$	20.0	27.6			sS	03 13	20.0	-5.4		
			LE			22.0	55.7			LN		$M_s=6.7$	14.0	7.84	
			LZ		$M_s=6.6$	35.0	59.9	GTA	88.9	326	-P	03 03	10.0	-0.3	
CN2	73.3	314	eP	03 01	45.4	-2.3				LE			15.0	13.4	
			PMZ		$m_b=5.5$	1.5	0.090			LZ		$M_s=6.5$	20.0	21.1	
			PMZ		$m_b=6.6$	6.0	4.10			+P	03 02	52.0	-0.7		
			pP	03 01	56.0	2.4				PMZ		$m_b=5.2$	1.4	0.031	
			PcP	03 02	03.0	-0.3				LN		$M_s=6.8$	20.0	25.1	
			ScS	03 11	47.0	-4.4				LZ		$M_s=6.2$	24.0	11.9	
			LN		$M_s=6.9$	18.0	32.9	WHN	89.0	312	-P	03 03	11.0	0.5	
			LE			18.0	18.1			PMZ		$m_b=5.7$	1.5	0.080	
			LZ		$M_s=7.0$	20.0	89.0			SKS	03 13	36.0	-0.5		
SNY	75.6	314	-iP	03 02	00.0	-1.3				iS	03 13	58.0	1.2		
			PMZ		$m_b=5.8$	1.8	0.23			LN		$M_s=6.8$	17.0	8.63	
			S	03 11	42.0	2.1				LE			17.0	16.5	
			LN		$M_s=6.9$	16.0	17.1	XAN	89.1	317	P	03 03	10.6	-0.7	
			LE			13.0	18.1			PMZ		$m_b=5.8$	1.5	0.10	
			LZ		$M_s=6.7$	32.0	65.4			PMZ		$m_b=6.3$	6.4	1.40	
DL2	78.8	313	eP	03 02	18.0	-0.7				sS	03 14	03.0	-5.2		
			PMZ		$m_b=6.4$	7.0	3.17			LN		$M_s=7.0$	17.0	24.7	

WMQ	89.3	337	LE		14.0	14.4	
			-iP	03 03 12.0	-0.2		
			PMZ		$m_b = 5.9$	1.6	0.14
			PMZ		$m_B = 6.3$	8.0	1.88
			SKS	03 13 42.0	3.5		
			S	03 14 02.0	3.9		
			LN		$M_S = 7.2$	18.0	45.6
LZH	89.9	322	LZ		27.0	45.3	
			-iP	03 03 15.0	-0.2		
			PMZ		$m_b = 6.2$	2.5	0.38
			PMZ		$m_B = 6.3$	6.0	1.14
			sP	03 03 27.0	3.3		
			PP	03 06 53.0	4.0		
			SKS	03 13 46.0	3.8		
CD2	94.2	319	S	03 14 08.0	4.2		
			LN		$M_S = 7.1$	15.0	32.2
			LZ		$M_S = 6.8$	20.0	39.5
			eP	03 03 34.5	-0.3		
			SKS	03 14 06.0	-0.7		
			iS	03 14 46.0	2.6		
			LE		$M_S = 7.0$	15.0	25.0
KSH	96.3	343	LZ		22.0	24.2	
			-P	03 03 45.0	0.3		
			LN		$M_S = 7.6$	16.0	43.3
			LE			17.0	94.2
KMI	99.4	317	LZ		49.0	31.5	
			eP	03 04 03.0	4.1		
			LE		$M_S = 6.7$	15.0	10.2
			LZ		$M_S = 6.8$	40.0	56.8

JUL 13d 11h 28m 52.3 ± 0.05s, SD4.06 / 5
 40.84 N ± 0.52km, 98.51 E ± 0.43km, h10 ± 0.17km
 Northern China (323)
 $M_L 3.3 / 4,$

GTA	1.7	145	Pn	11 29 20.0	-3.1		
			Sn	11 29 42.0	-5.0		
			SMN		$M_L = 2.9$	0.4	0.14
			SME			0.4	0.12

JUL 13d 12h 15m 12.5 ± 0.04s, SD1.04 / 469
 48.79 N ± 0.80km, 154.94 E ± 0.65km, h40 ± 0.08km
 Kurile Islands (221)
 $M_S 5.8 / 56, m_b 6.0 / 41, m_B 5.6 / 133$

MDJ	17.8	266	-P	12 19 21.5	1.8					
			PMZ		$m_b = 5.6$	1.5	0.45			
			PMZ		$m_B = 6.2$	7.0	8.69			
			sP	12 19 35.0	1.6					
			sS	12 22 42.0	-6.2					
			SS	12 22 55.0	-1.8					
			LN		$M_S = 5.7$	15.0	12.2			
			LE			15.0	18.0			
			LZ		$M_S = 5.5$	25.0	25.7			
			CN2	20.9	267	+P	12 19 51.6	-2.5		
						PMZ		$m_b = 5.4$	1.0	0.18
						pP	12 20 02.0	-1.9		
						eS	12 23 35.0	-4.9		
						PcP	12 24 02.0	1.4		
SS	12 24 08.0	-4.1								
LN		$M_S = 5.7$				14.0	9.21			
SNY	23.0	264	LE		14.0	14.6				
			LZ		$M_S = 5.7$	18.0	24.5			
			+iP	12 20 14.0	-1.1					
			PMZ		$m_b = 5.4$	1.6	0.28			
			PMZ		$m_B = 5.6$	7.0	1.87			
			pP	12 20 28.0	2.8					
			S	12 24 23.0	5.1					
			LN		$M_S = 5.9$	12.0	10.5			
			LE			18.0	20.6			

DL2	25.8	260	LZ		$M_S = 5.7$	18.0	20.6			
			+iP	12 20 42.0	0.2					
			PMZ		$m_b = 6.1$	1.4	0.67			
			PMZ		$m_B = 5.9$	6.0	1.79			
			sP	12 20 56.0	-0.6					
			S	12 25 00.0	-5.2					
			LN		$M_S = 5.7$	14.0	7.11			
			LE			16.0	10.1			
			LZ		$M_S = 5.4$	28.0	14.7			
			BJI	28.8	267	eP	12 21 08.0	-1.0		
PMZ		$m_b = 5.4$				1.5	0.11			
PMZ		$m_B = 5.6$				7.0	0.94			
esP	12 21 21.0	-2.9								
ePP	12 22 02.0	0.2								
LN		$M_S = 5.7$				16.0	10.5			
LZ		$M_S = 5.5$				24.0	13.3			
TIA	30.3	260				eP	12 21 22.2	-0.1		
						PMZ		$m_B = 6.0$	5.0	1.40
						sP	12 21 41.0	3.7		
			S	12 26 11.0	-6.2					
			LN		$M_S = 5.8$	16.0	12.3			
			LE			16.0	2.30			
			LZ		$M_S = 5.5$	16.0	9.20			
			SSE	31.0	248	+iP	12 21 28.0	-0.8		
						PMZ		$m_b = 5.3$	1.0	0.049
						PMZ		$m_B = 6.3$	5.0	2.48
pP	12 21 41.5	2.4								
iS	12 26 32.0	2.5								
sS	12 26 52.0	4.7								
LN		$M_S = 5.6$				16.0	4.48			
LE						16.0	7.69			
LZ		$M_S = 5.6$				20.0	13.8			
HHC	31.4	272				+P	12 21 32.0	-0.6		
			sS	12 26 58.0	4.1					
			LN		$M_S = 6.0$	16.0	11.2			
			LE			16.0	14.4			
NJ2	31.8	252	+P	12 21 35.5	-0.2					
			PMZ		$m_b = 5.4$	1.0	0.063			
			PMZ		$m_B = 6.1$	6.0	2.09			
			pP	12 21 50.0	3.9					
			S	12 26 44.0	2.9					
			LN		$M_S = 5.9$	14.0	11.7			
			LE			14.0	4.60			
			LZ		$M_S = 5.5$	20.0	10.6			
			TIY	32.5	266	+P	12 21 41.8	-0.1		
						PMZ		$m_b = 5.8$	1.2	0.20
PMZ		$m_B = 5.6$				7.0	0.68			
S	12 26 49.0	-2.9								
LN		$M_S = 5.7$				15.0	8.27			
LZ		$M_S = 5.5$				22.0	11.7			
BTO	32.6	273				P	12 21 42.0	-0.6		
						pP	12 21 47.5	-5.4		
						LN		$M_S = 6.0$	16.0	13.3
						LE			20.0	19.0
WHN	35.7	254	LZ		$M_S = 5.8$	20.0	17.1			
			+iP	12 22 10.0	1.0					
			PMZ		$m_b = 5.8$	1.0	0.16			
			PMZ		$m_B = 6.1$	5.0	1.59			
			S	12 27 42.0	1.0					
			LN		$M_S = 6.1$	21.0	20.4			
			LE			20.0	12.4			
			LZ		$M_S = 5.3$	24.0	6.08			
			XAN	36.9	264	P	12 22 19.2	-0.8		
						PMZ		$m_b = 5.5$	1.1	0.10
sP	12 22 40.0	5.0								
PP	12 23 50.0	4.0								
S	12 28 00.0	-0.8								
SS	12 30 38.0	6.9								

		LN		$M_s = 5.9$	16.0	10.0	GTA	21.0	79	cP	18 34 02.9	-1.3			
		LE			16.0	7.20				pP	18 34 10.8	-2.1			
QZH	37.0	243	+P	12 22 22.0	1.2					sP	18 34 19.6	2.4			
			S	12 28 06.0	3.5										
			LN		$M_s = 5.7$	28.0									
			LE			28.0									
			LZ		$M_s = 5.5$	28.0									
LZH	39.1	271	+iP	12 22 38.5	0.5										
			PMZ		$m_b = 5.7$	2.0	0.25	KSH	4.9	49	-iP	09 10 26.5	0.4		
			PMZ		$m_b = 6.0$	5.0	1.30				S	09 11 19.0	-4.6		
			sP	12 22 52.0	-1.0						LN		7.0	3.98	
			PP	12 24 11.0	-0.5			WMQ	14.7	55	-iP	09 12 29.5	-1.4		
			ScP	12 28 36.0	5.5						PMZ	$m_b = 6.8$	8.0	29.4	
			PcS	12 28 38.5	3.2						sP	09 13 24.0	-0.3		
			sS	12 28 48.0	-4.2						LN		8.0	260	
			LN		$M_s = 5.8$	15.0	8.17				LZ		9.0	44.4	
			LZ		$M_s = 5.8$	24.0	16.6	LSA	18.1	106	+iP	09 13 10.0	-0.2		
GTA	39.9	278	+P	12 22 45.2	0.5						S	09 16 20.0	-0.8		
			PMZ		$m_b = 5.8$	7.0	1.09				LN		8.0	37.0	
			PP	12 24 20.0	-0.5						LE		8.0	21.5	
			eS	12 28 40.0	-6.8			GTA	22.8	74	+iP	09 13 59.4	2.1		
			sS	12 29 06.0	1.6						PMZ	$m_b = 5.8$	1.0	0.29	
			ScS	12 32 47.0	1.7						PMZ	$m_b = 7.2$	5.0	34.7	
			LN		$M_s = 6.2$	16.0	20.8				pP	09 14 38.0	-2.6		
			LZ		$M_s = 6.3$	16.0	31.9				PP	09 14 42.0	5.1		
CD2	42.3	264	P	12 23 04.8	0.4						sP	09 15 04.0	2.1		
			PMZ		$m_b = 5.8$	1.0	0.14				PcP	09 17 41.0	-1.5		
			PMZ		$m_b = 6.3$	5.0	2.40				SS	09 19 05.0	4.2		
			LE		$M_s = 5.9$	14.0	7.30				LE		8.0	46.6	
			LZ		$M_s = 5.8$	20.0	11.5				LZ		16.0	33.6	
GYA	43.4	257	+iP	12 23 12.6	-0.6			LZH	26.3	81	+iP	09 14 31.3	1.0		
			PMZ		$m_b = 5.0$	1.2	0.030				PMZ	$m_b = 6.8$	2.0	4.62	
			pP	12 23 28.0	4.2						PMZ	$m_b = 7.0$	4.0	14.0	
			PP	12 25 00.0	4.0						pP	09 15 13.0	1.6		
			S	12 29 36.0	-0.8						PP	09 15 20.0	-3.3		
			sS	12 29 54.0	-1.8						sP	09 15 38.0	1.8		
			LN		$M_s = 6.1$	20.0	15.7				S	09 18 45.0	-0.2		
			LE			20.0	10.1				sS	09 20 04.0	4.8		
			LZ		$M_s = 5.6$	26.0	9.30				SS	09 20 24.0	5.3		
WMQ	45.4	290	P	12 23 29.0	-0.2						LE		6.0	22.5	
			PMZ		$m_b = 5.4$	1.2	0.060				LZ		12.0	25.5	
			pP	12 23 44.0	4.2			CD2	27.6	92	+iP	09 14 43.0	1.1		
			PP	12 25 17.0	1.6						PMZ	$m_b = 6.9$	5.0	13.3	
			PcS	12 29 03.0	2.7						pP	09 15 23.0	-0.7		
			eS	12 30 02.0	-4.7						sP	09 15 50.0	1.8		
			LN		$M_s = 6.2$	17.0	16.0	KMI	29.3	104	+P	09 14 57.0	0.3		
			LZ		$M_s = 6.0$	20.0	19.4				PMZ	$m_b = 6.5$	1.5	1.50	
KMI	46.8	259	+P	12 23 41.0	0.2						PMZ	$m_b = 6.9$	5.0	12.9	
			PMZ		$m_b = 6.3$	2.0	0.80				pP	09 15 39.0	0.4		
			PMZ		$m_b = 6.4$	4.0	2.30				sP	09 16 03.0	-0.1		
			pP	12 23 48.4	-2.9						S	09 19 34.0	1.8		
			sP	12 23 57.0	1.2			BTO	30.6	70	+iP	09 15 08.6	0.6		
			LZ		$M_s = 5.6$	20.0	6.10				PMZ	$m_b = 6.9$	5.0	15.5	
LSA	51.4	273	eP	12 24 16.0	-0.5						pP	09 15 52.0	1.7		
			S	12 31 25.0	-5.3						PP	09 16 17.0	0.1		
			ScS	12 34 02.0	3.3						iS	09 19 55.0	1.3		
			LN		$M_s = 5.3$	13.0	1.19				sS	09 21 11.0	2.5		
											SS	09 21 55.0	2.7		
											LN		10.0	15.2	
											LE		9.0	14.2	
											LZ		9.0	17.7	
								XAN	30.9	83	+iP	09 15 10.0	-0.4		
											PMZ	$m_b = 6.2$	1.2	0.60	
											PMZ	$m_b = 6.7$	6.0	10.9	
											pP	09 15 54.0	1.1		
											sP	09 16 17.0	-0.2		
											LN		10.0	21.1	
											LE		9.0	16.5	
<p>JUL 13d 18h 29m $20.4 \pm 0.04s$, $SD1.78 / 19$ $38.60 N \pm 0.67km$, $72.73 E \pm 0.56km$, $h34 \pm 0.08km$ Tadzhikistan (715) $M_L 4.7 / 1$, $m_b 4.6 / 3$,</p>															
WMQ	12.4	60	P	18 32 17.5	-0.5										
			pP	18 32 23.5	-1.6										
			PP	18 32 29.5	1.3										
			eS	18 34 32.0	-4.3										
			SME			1.5	0.020								
LSA	17.6	115	P	18 33 27.0	1.4										



HHC	31.7	69	+iP	09 15 18.8	0.8			iS	09 21 56.0	-2.0								
			PMZ		$m_b = 6.4$	0.6	0.59	LN			11.0	9.08						
			PMZ		$m_B = 6.9$	4.0	11.6	LE			12.0	5.16						
			pP	09 16 02.0	1.3		LZ			14.0	22.8							
			sP	09 16 27.0	2.2		NJ2	39.4	82	+iP	09 16 23.0	0.4						
			S	09 20 10.0	-0.4					PMZ		$m_B = 6.5$	11.0	16.2				
			sS	09 21 30.0	3.1					pP	09 17 08.0	1.2						
			LN			8.0				19.6	sP	09 17 31.0	0.4					
			LE			9.5				18.4	PP	09 18 00.0	-0.2					
			LZ			15.0				29.9	PcP	09 18 26.5	0.1					
GYA	31.8	98	+iP	09 15 19.0	0.7						S	09 22 03.0	-4.6					
			PMZ		$m_b = 6.6$	1.6				2.40	SS	09 24 57.0	-6.5					
			PMZ		$m_B = 6.9$	4.0				10.8	DL2	39.7	71	-P	09 16 25.9	1.1		
			pP	09 16 00.0	-1.0					PMZ					$m_b = 6.7$	1.0	2.41	
			S	09 20 12.0	1.0		PMZ		$m_B = 6.4$	8.0				10.6				
			LN			14.0	39.5	pP	09 17 12.0	3.0								
			LE			14.0	22.1	sP	09 17 36.0	3.2								
			LZ			28.0	17.6	iS	09 22 15.0	2.5								
			TIY	32.8	75	+iP	09 15 28.0	0.5						SMN			6.0	9.97
						PMZ		$m_b = 6.5$	1.0	1.07				SME			6.0	22.1
PMZ		$m_B = 6.9$				5.0	14.4	SS	09 25 13.0	-3.9								
pP	09 16 11.0	0.6					LN			10.0				13.1				
sP	09 16 37.0	2.6					LZ			20.0	14.2							
S	09 20 30.0	2.5					SNY	40.6	66	+iP	09 16 31.6	-0.5						
ScP	09 21 29.0	-0.2								PMZ		$m_b = 6.5$	0.6	0.89				
LN						10.0				19.6	PMZ		$m_B = 6.5$	6.0	10.6			
BJI	35.3	70				+iP				09 15 49.5	1.0			pP	09 17 17.0	0.5		
						PMZ					$m_b = 6.0$	1.0	0.44	S	09 22 20.0	-4.7		
			cpP	09 16 34.0	2.0					LN			8.0	14.8				
			esP	09 17 00.0	4.0					LE			10.0	7.62				
			PcP	09 18 15.5	1.7					LZ			8.0	18.2				
			eS	09 21 04.0	-2.7					CN2	41.6	62	+iP	09 16 40.2	-0.3			
			eScP	09 21 38.0	0.0								PMZ		$m_b = 6.1$	1.0	0.60	
			esS	09 22 28.0	5.1		PMZ		$m_B = 6.5$				6.0	9.20				
			eSS	09 23 40.0	3.7		pP	09 17 26.0	1.0									
			eScS	09 25 43.0	1.4		PcP	09 18 33.8	0.3									
LN			9.0	16.0	ScP	09 22 01.0	-0.9											
LZ			18.0	19.3	PcS	09 22 23.0	-0.3											
WHN	36.3	86	+iP	09 15 58.5	1.6			S	09 22 37.0				-2.8					
			PMZ		$m_b = 6.5$	1.0	1.36	sS	09 23 54.0				-4.7					
			PMZ		$m_B = 6.9$	4.0	13.6	eSS	09 25 45.0				-2.6					
			pP	09 16 43.0	2.4		ScS	09 26 15.0	-2.8									
			sP	09 17 10.0	5.5		SSE	41.6	82	-iP	09 16 42.0	1.4						
			PcP	09 18 19.0	2.3					PMZ		$m_b = 6.4$	1.0	1.36				
			iS	09 21 24.0	2.0					PMZ		$m_B = 7.0$	4.0	18.5				
			ScS	09 25 47.0	-0.1					pP	09 17 25.0	-0.1						
			LE			11.0				18.5	sP	09 17 48.0	-0.8					
			LZ			12.0				12.0	PcS	09 22 28.0	4.6					
TIA	36.8	76	+iP	09 16 02.0	0.8						iS	09 22 38.0	-3.0					
			PMZ		$m_b = 6.0$	1.2				0.50	SS	09 25 52.0	4.0					
			PMZ		$m_B = 6.8$	5.0				13.2	ScS	09 26 18.0	0.1					
			pP	09 16 48.0	3.1					LN			12.0	14.7				
			sP	09 17 12.0	3.2		LE			12.0	8.77							
			S	09 21 33.0	4.3		LZ			16.0	20.3							
			ScS	09 25 49.3	-0.7		QZH	42.0	92	+iP	09 16 44.0	-0.1						
			LN			9.0				11.3	PMZ		$m_b = 6.1$	1.0	0.70			
			LE			10.0				16.0	PMZ		$m_B = 6.6$	5.0	9.29			
			LZ			12.0				18.7	pP	09 17 32.0	3.3					
QZN	38.1	106	+iP	09 16 12.0	0.1						sP	09 17 56.0	3.7					
			PMZ		$m_B = 6.1$	6.0				3.40	iS	09 22 46.0	-1.2					
			pP	09 16 55.0	-0.8					ScS	09 26 19.0	-1.6						
			sP	09 17 20.0	0.3					MDJ	44.4	61	+P	09 17 02.9	-0.2			
			S	09 21 46.0	-2.1								PMZ		$m_b = 6.5$	1.8	2.83	
			GZH	38.7	98	+iP							09 16 18.3	1.5			PMZ	
						PMZ		$m_b = 6.3$	1.0				0.95	pP	09 17 50.0	2.1		
						PMZ		$m_B = 6.6$	5.0				9.75	iS	09 23 20.0	-1.3		
						pP	09 17 00.0	-0.8					sS	09 24 45.0	4.8			
						sP	09 17 24.0	-0.7					SS	09 26 39.0	1.7			



JUL 15d 12h 22m 11.1 ± 0.05s, SD1.06 / 251				JUL 15d 12h 27m 02.9 ± 0.03s, SD1.09 / 29											
45.23 N ± 0.95km, 150.83 E ± 0.80km, h25 ± 0.10km				18.83 S ± 1.27km, 178.27 W ± 1.03km, h594 ± 0.88km											
Kurile Islands region (222)				Fiji region (181)											
M _S 4.8 / 31, m _b 5.4 / 5, m _b 5.5 / 110				m _b 5.0 / 15,											
CN2	18.1	275	+P	12 26	21.0	-2.3		CN2	80.8	322	eP	12 38	18.0	0.4	
			PMZ		m _b = 5.1	0.8	0.070				PMZ		m _b = 4.2	1.0	0.0090
			PMZ		m _b = 4.9	6.0	0.35	XAN	86.9	307	P	12 38	48.0	0.4	
			sP	12 26	37.0	3.0		JUL 15d 15h 57m 46.2 ± 0.04s, SD1.17 / 137							
			eS	12 29	36.0	-6.2		24.00 S ± 0.57km, 179.76 W ± 0.73km, h505 ± 0.24km							
			ePcP	12 30	55.0	-1.6		South of Fiji (171)							
			LN		M _S = 4.8	13.0	1.30	m _b 5.0 / 60,							
			LE			13.0	1.65	NJ2	80.9	311	-iP	16 09	09.2	0.3	
			LZ		M _S = 5.2	16.0	8.56	WHN	83.2	308	eP	16 09	22.0	1.2	
SNY	20.0	270	-iP	12 26	45.0	-0.1		SNY	83.9	321	+iP	16 09	24.2	0.3	
			PMZ		m _b = 5.4	1.3	0.24	CN2	84.1	324	-P	16 09	24.8	-0.3	
			eS	12 30	22.0	-2.0					PMZ		m _b = 4.7	1.2	0.030
			LN		M _S = 4.7	12.0	0.84				eS	16 19	08.0	0.2	
			LE			14.0	1.51	TIA	84.5	314	P	16 09	27.2	0.3	
			LZ		M _S = 4.7	18.0	2.97				PMZ		m _b = 4.7	1.2	0.029
DL2	22.5	264	+P	12 27	10.0	-0.5		-----							
			PMZ		m _b = 5.8	1.5	0.66	JUL 15d 12h 27m 02.9 ± 0.03s, SD1.09 / 29							
			S	12 31	16.0	5.4		18.83 S ± 1.27km, 178.27 W ± 1.03km, h594 ± 0.88km							
			LN		M _S = 4.6	13.0	0.78	Fiji region (181)							
			LE			13.0	0.77	m _b 5.0 / 15,							
			LZ		M _S = 4.2	14.0	0.58	CN2	80.8	322	eP	12 38	18.0	0.4	
BJI	25.9	271	eP	12 27	43.0	-0.1					PMZ		m _b = 4.2	1.0	0.0090
			PMZ		m _b = 5.3	1.0	0.074	XAN	86.9	307	P	12 38	48.0	0.4	
			eS	12 32	14.0	4.6		-----							
			LE		M _S = 4.9	16.0	2.20	JUL 15d 15h 57m 46.2 ± 0.04s, SD1.17 / 137							
			LZ		M _S = 4.8	16.0	2.32	24.00 S ± 0.57km, 179.76 W ± 0.73km, h505 ± 0.24km							
TIA	26.9	262	P	12 27	52.7	-0.1		South of Fiji (171)							
			PMZ		m _b = 5.5	1.0	0.11	m _b 5.0 / 60,							
			sP	12 28	06.0	2.0		NJ2	80.9	311	-iP	16 09	09.2	0.3	
			PcP	12 31	14.5	0.3		WHN	83.2	308	eP	16 09	22.0	1.2	
			S	12 32	27.0	1.2		SNY	83.9	321	+iP	16 09	24.2	0.3	
			LN		M _S = 4.6	15.5	0.90	CN2	84.1	324	-P	16 09	24.8	-0.3	
			LZ		M _S = 4.4	20.0	0.90				PMZ		m _b = 4.7	1.2	0.030
SSE	27.1	249	-P	12 27	55.0	1.0					eS	16 19	08.0	0.2	
			PMZ		m _b = 5.7	1.0	0.16	TIA	84.5	314	P	16 09	27.2	0.3	
			pP	12 28	05.0	3.3					PMZ		m _b = 4.7	1.2	0.029
			eS	12 32	34.0	5.2		-----							
			LE		M _S = 4.6	16.0	1.03	JUL 15d 12h 27m 02.9 ± 0.03s, SD1.09 / 29							
			LZ		M _S = 4.5	20.0	1.29	18.83 S ± 1.27km, 178.27 W ± 1.03km, h594 ± 0.88km							
NJ2	28.0	253	-P	12 27	58.6	-4.2		Fiji region (181)							
			pP	12 28	07.0	-3.5		m _b 5.0 / 15,							
			LN		M _S = 4.8	15.0	1.15	CN2	80.8	322	eP	12 38	18.0	0.4	
			LE			15.0	0.78				PMZ		m _b = 4.2	1.0	0.0090
			LZ		M _S = 4.5	18.0	1.17	XAN	86.9	307	P	12 38	48.0	0.4	
HHC	28.8	275	+P	12 28	10.4	0.3		-----							
			PMZ		m _b = 6.0	0.9	0.25	JUL 15d 15h 57m 46.2 ± 0.04s, SD1.17 / 137							
			pP	12 28	15.0	-2.7		24.00 S ± 0.57km, 179.76 W ± 0.73km, h505 ± 0.24km							
			sS	12 33	13.0	2.7		South of Fiji (171)							
			LN		M _S = 5.0	14.0	0.53	m _b 5.0 / 60,							
			LE			14.0	2.04	NJ2	80.9	311	-iP	16 09	09.2	0.3	
			LZ		M _S = 5.1	17.0	3.59	WHN	83.2	308	eP	16 09	22.0	1.2	
TIY	29.5	269	+P	12 28	16.4	0.2		SNY	83.9	321	+iP	16 09	24.2	0.3	
			PMZ		m _b = 5.2	0.8	0.036	CN2	84.1	324	-P	16 09	24.8	-0.3	
			S	12 33	12.0	4.7					PMZ		m _b = 4.7	1.2	0.030
			LN		M _S = 4.8	20.0	1.36				eS	16 19	08.0	0.2	
			LE			20.0	1.22	TIA	84.5	314	P	16 09	27.2	0.3	
			LZ		M _S = 4.4	30.0	1.26				PMZ		m _b = 4.7	1.2	0.029
BTO	30.0	276	P	12 28	20.5	-0.1		-----							
			pP	12 28	26.0	-2.4		JUL 15d 12h 27m 02.9 ± 0.03s, SD1.09 / 29							
			eS	12 33	16.0	-0.3		18.83 S ± 1.27km, 178.27 W ± 1.03km, h594 ± 0.88km							
			LN		M _S = 4.9	15.0	0.90	Fiji region (181)							
			LE			15.0	1.50	m _b 5.0 / 15,							
			LZ		M _S = 4.8	15.0	1.80	CN2	80.8	322	eP	12 38	18.0	0.4	
											PMZ		m _b = 4.2	1.0	0.0090
								XAN	86.9	307	P	12 38	48.0	0.4	

BJI	87.3	316	eP	16 09 40.0	-0.3					LN	M _S =4.1	13.9	1.20						
			PMZ	m _b =4.8		1.5	0.035			LE		33.9	0.30						
TIY	88.4	313	-iP	16 09 46.2	0.4					JUL 16d 15h 30m 06.6±0.04s, SD1.36 / 238 24.82 N±0.78km, 125.40 E±0.60km, h50±0.34km South-western Ryukyu Islands (246) M _S 4.4 / 30, M _L 4.7 / 6, m _b 5.2 / 95									
			PMZ	m _b =4.9		1.5	0.037			QZH	6.2 273	eP	15 31 37.0	-0.7					
XAN	89.0	308	P	16 09 49.7	1.3							SMN	M _L =4.7	1.2	0.65				
			PMZ	m _b =4.9		0.8	0.020					SME		1.2	0.32				
KMI	89.5	298	-P	16 09 52.0	0.9							LE	M _S =3.6	12.0	0.73				
			PMZ	m _b =5.3		1.5	0.080					LZ	M _S =4.0	18.0	2.42				
HHC	90.6	315	eP	16 09 55.8	-0.4					SSE	7.3 330	-iP	15 31 52.8	-0.2					
			PMZ	m _b =5.0		1.2	0.029					PMZ	m _b =5.4	0.3	0.047				
CD2	91.3	303	P	16 10 00.6	1.4							pP	15 31 57.0	-2.6					
			PMZ	m _b =5.2		1.2	0.040					S	15 33 11.0	-3.0					
LZH	93.6	308	-iP	16 10 10.5	0.6							SMN	M _L =4.5	1.2	0.16				
			PMZ	m _b =5.1		1.5	0.028					SME		1.2	0.19				
GTA	97.9	310	eP	16 10 29.6	0.1							LN	M _S =4.1	14.0	1.43				
JUL 15d 18h 09m 59.3±0.04s, SD1.19 / 126 21.76 S±1.20km, 138.97 W±1.31km, h5± km Tuamotu Archipelago region (631) m _b 5.2 / 26,																			
GTA	127.3	304	+PKP	18 29 07.0	0.4							LE		14.0	1.46				
			sPKP	18 29 14.0	6.5							LZ	M _S =4.2	20.0	3.31				
LSA	134.4	291	ePKP	18 29 19.0	-1.5					NJ2	9.2 323	-P	15 32 19.0	-0.9					
WMQ	135.7	311	ePKP	18 29 22.5	0.1							PMZ	m _b =5.2	1.0	0.055				
JUL 15d 19h 20m 15.9±0.09s, SD3.18 / 11 26.19 N±0.64km, 105.51 E±0.62km, h7±0.31km Eastern China (664) M _L 3.2 / 5,																			
GYA	1.1	75	Pg	19 20 37.6	2.6							LN	M _S =4.2	10.0	0.79				
			Sg	19 20 52.0	2.6							LE		10.0	0.83				
			SMN	M _L =3.3		0.8	0.72					LZ	M _S =4.0	18.0	1.41				
			SME			0.8	0.50			GZH	11.2 264	P	15 32 46.5	0.1					
CD2	4.9	342	ePg	19 21 42.0	-1.4							LZ	M _S =4.0	22.0	1.29				
XAN	8.4	20	P	19 22 17.0	-3.6					WHN	11.3 303	+P	15 32 49.7	1.1					
JUL 15d 19h 53m 01.5±0.05s, SD1.65 / 28 25.56 N±0.81km, 124.81 E±0.64km, h140±0.43km North-east of Taiwan (245) m _b 4.0 / 6,																			
SSE	6.4	331	eP	19 54 32.0	-2.3							PMZ	m _b =5.3	0.8	0.040				
			LZ			20.0	0.28					pP	15 32 54.5	-1.4					
TIY	16.0	322	eP	19 56 43.8	3.1							eS	15 35 00.0	6.1					
SNY	16.3	357	+P	19 56 44.4	1.1							LN	M _S =4.3	12.0	0.78				
CN2	18.2	1	eP	19 57 06.5	0.1							LE		12.0	0.94				
HHC	18.8	327	eP	19 57 14.7	1.6							LZ	M _S =4.1	16.0	1.19				
CD2	19.3	291	eP	19 57 18.0	0.0					TIA	13.4 330	-P	15 33 19.3	3.0					
GTA	25.1	310	eP	19 58 15.6	0.4							PMZ	m _b =4.8	1.2	0.020				
JUL 15d 22h 42m 29.6±0.04s, SD1.67 / 12 18.95 N±0.61km, 119.65 E±0.67km, h32±0.07km Philippine Islands region (248) m _b 4.2 / 4,																			
QZN	9.3	272	eP	22 44 43.6	-0.7							sP	15 33 26.5	-5.2					
			eS	22 46 27.2	-1.5							S	15 35 50.0	6.6					
BJI	21.2	353	eP	22 47 13.5	-1.8							LN	M _S =4.4	14.0	1.23				
			PMZ	m _b =4.0		1.0	0.0070					LE		14.0	1.04				
LZH	22.0	324	eP	22 47 22.5	-1.1					DL2	14.4 348	eP	15 33 32.0	2.6					
			PMZ	m _b =4.2		2.0	0.025					PMZ	m _b =6.0	1.2	0.29				
JUL 16d 12h 17m 20.1±0.11s, SD2.20 / 9 20.49 N±1.22km, 102.00 E±1.21km, h15±0.54km Indo-Pacific Peninsula (299) M _S 4.1 / 1, M _L 4.2 / 3,																			
QZN	7.5	100	ePn	12 19 10.4	0.6							LZ	M _S =3.8	20.0	0.62				
			Sn	12 20 43.2	5.9					TIY	16.9 322	-iP	15 34 05.0	3.0					
BTO	21.2	17	eP	12 22 10.2	2.4							PMZ	m _b =5.0	1.2	0.099				
												sP	15 34 18.0	0.3					
												LN	M _S =4.2	15.0	0.81				
												LZ	M _S =4.3	21.0	1.53				
										GYA	17.0 280	P	15 34 02.6	0.2					
												PMZ	m _b =4.4	1.2	0.020				
												LN	M _S =4.4	12.0	0.40				
												LE		12.0	0.90				
										XAN	17.0 306	+iP	15 34 05.0	2.0					
												PMZ	m _b =5.2	0.4	0.046				
												pP	15 34 16.0	3.5					
												LN	M _S =4.6	12.0	0.63				
												LE		16.0	1.92				
										SNY	17.0 355	+P	15 34 04.0	1.0					
												PMZ	m _b =5.5	0.8	0.17				
												sP	15 34 19.0	0.2					
												S	15 37 11.0	2.9					
												LN	M _S =4.4	15.0	1.13				
												LZ	M _S =4.3	20.0	1.58				
										BJI	17.0 335	eP	15 34 04.5	1.4					
												PMZ	m _b =4.8	1.0	0.043				
												ePP	15 34 20.0	2.7					

CN2	18.9	0	LN	$M_S=4.3$	14.0	0.83			
			LZ	$M_S=4.3$	18.0	1.46			
HHC	19.7	327	+P	15 34 24.8	-1.5				
			PMZ	$m_b=4.9$	1.0	0.067			
			sP	15 34 38.0	-4.3				
			eS	15 37 56.0	4.3				
			LN	$M_S=4.1$	12.0	0.16			
			LE		12.0	0.35			
			LZ	$M_S=4.3$	18.0	1.17			
			eP	15 34 34.0	-1.1				
			PMZ	$m_b=5.4$	2.0	0.36			
			pP	15 34 43.0	-2.7				
CD2	20.1	292	sP	15 34 48.0	-3.7				
			PP	15 34 54.0	0.4				
			S	15 38 13.0	4.5				
			LN	$M_S=4.5$	13.0	0.86			
			LE		13.0	0.55			
			LZ	$M_S=4.5$	18.0	1.69			
			P	15 34 37.2	-1.5				
			PMZ	$m_b=5.3$	1.2	0.19			
			sP	15 34 56.0	0.5				
			BTO	20.3	324	eS	15 38 18.0	1.7	
P	15 34 40.9	-0.6							
PP	15 35 03.0	1.1							
LN	$M_S=4.4$	14.0				0.40			
LE		15.0				0.80			
LZ	$M_S=4.3$	14.0				0.80			
+P	15 34 44.0	0.2							
PMZ	$m_b=4.8$	1.5				0.070			
sS	15 38 40.0	-3.0							
LZH	21.7	306				+P	15 34 55.0	-0.2	
			PMZ	$m_b=5.0$	1.0	0.080			
			eS	15 38 48.0	1.2				
			SS	15 39 26.0	1.8				
			LE	$M_S=4.4$	13.0	0.71			
			LZ	$M_S=4.4$	16.0	1.16			
			+iP	15 35 36.0	-1.0				
			PP	15 36 16.0	-2.1				
			PcP	15 39 05.0	1.1				
			S	15 40 01.0	0.4				
GTA	26.0	310	SS	15 41 05.0	-4.2				
			LE	$M_S=4.6$	13.0	0.80			
			LZ	$M_S=4.5$	16.0	1.16			
			-P	15 36 18.6	-1.8				
			WMQ	36.1	311	P	15 37 04.5	-1.2	
			PMZ	$m_b=5.3$	1.0	0.050			
			LZ	$M_S=4.5$	18.0	0.80			

JUL 17d 07h 12m 08.3±0.04s, SD1.51 / 191									
50.90 N±0.78km, 130.34 W±0.80km, h13±0.25km									
Vancouver Island region (25)									
$M_S=5.5 / 18, m_b=5.5 / 2, m_b=5.0 / 57$									
CN2	65.1	309	eP	07 22 49.0	-2.4				
			PMZ	$m_b=4.9$	1.0	0.014			
			PMZ	$m_b=5.6$	5.0	0.36			
			pP	07 22 59.0	1.4				
			PP	07 25 15.0	-0.8				
			eS	07 31 30.0	-2.4				
			SS	07 35 46.0	0.9				
			LN	$M_S=5.3$	18.0	0.70			
			LE		18.0	0.90			
			LZ	$M_S=5.7$	20.0	5.16			
SNY	67.5	309	+P	07 23 05.0	-1.6				
			PMZ	$m_b=5.0$	1.2	0.020			
			S	07 32 00.0	-0.1				
			LE	$M_S=5.5$	14.5	1.41			
			LZ	$M_S=5.2$	25.0	1.93			
			BJI	72.4	312	eP	07 23 33.0	-3.8	
						PP	07 26 18.0	-0.6	
						eS	07 33 00.0	0.6	
						eSKS	07 33 36.0	0.5	
						LN	$M_S=5.2$	16.0	0.70
LZ	$M_S=5.0$	20.0				0.90			
HHC	73.9	316				eP	07 23 45.0	-0.5	
						pP	07 23 53.0	1.7	
						LN	$M_S=5.5$	14.0	0.90
						LE		13.0	0.64
			LZ	$M_S=5.4$	18.0	1.81			
			BTO	74.7	317	eP	07 23 49.8	-0.8	
						pP	07 23 55.0	-1.5	
						PP	07 26 42.0	3.2	
						S	07 33 31.0	6.8	
						LN	$M_S=5.7$	18.0	1.90
LE		15.0				1.20			
LZ	$M_S=5.5$	15.0				2.00			
TIY	76.0	313				eP	07 23 57.0	-0.9	
						S	07 33 43.0	4.7	
						LN	$M_S=5.4$	15.0	1.01
			LZ	$M_S=5.4$	20.0	1.75			
			SSE	77.0	303	P	07 24 06.0	2.9	
						PMZ	$m_b=4.8$	1.0	0.012
						S	07 33 52.0	3.4	
						SS	07 38 52.0	3.8	
						LN	$M_S=5.1$	12.0	0.27
						LE		12.0	0.27
LZ	$M_S=4.8$	20.0				0.46			
NJ2	77.4	306				eP	07 24 05.0	-0.7	
						pP	07 24 13.0	1.4	
						eS	07 33 56.0	0.8	
			LN	$M_S=5.4$	16.0	0.55			
			LE		15.0	0.64			
			LZ	$M_S=4.9$	24.0	0.75			
			GTA	79.9	323	eP	07 24 18.0	-1.5	
						PP	07 27 20.6	-0.7	
						eS	07 34 26.0	4.0	
						LN	$M_S=5.5$	14.0	0.93
LZ	$M_S=5.4$	22.0				1.94			
WMQ	80.0	333				eP	07 24 20.0	-0.1	
						PMZ	$m_b=5.0$	2.0	0.030
						PP	07 27 26.0	3.6	
						eS	07 34 28.0	4.8	
						LN	$M_S=5.3$	12.0	0.52
			LZ	$M_S=5.2$	20.0	1.23			
			XAN	80.7	314	eP	07 24 21.6	-1.7	
						S	07 34 34.0	6.3	
						LN	$M_S=5.6$	17.0	1.17

JUL 17d 01h 06m 38.7±0.05s, SD2.61 / 13
 29.56 N±0.53km, 104.34 E±0.54km, h7±0.06km
 Sichuan Province (307)
 $M_L=3.3 / 8,$

CD2	1.4	340	Pg	01 07 06.6	2.3	
			Sg	01 07 27.8	3.9	
			SMN	$M_L=3.3$	0.4	0.46
			LE		3.0	2.30
GYA	3.7	146	Pg	01 07 48.0	3.6	
			Sn	01 08 20.0	-2.7	
			Sg	01 08 38.8	3.9	
			SMN	$M_L=3.2$	1.0	0.060
			SME		1.0	0.060
XAN	5.9	40	ePn	01 08 05.2	-2.2	
			Pg	01 08 28.0	4.5	
			Sn	01 09 16.0	-1.8	
			Sg	01 09 50.0	5.4	
			SMN	$M_L=4.0$	1.2	0.16
SME		1.0	0.050			

		sP	05 05 30.0	-0.7					S	10 02 41.0	2.2					
		S	05 13 50.5	3.8					LN	$M_s=5.6$	14.0	3.32				
		LE	$M_s=5.8$		16.0	3.32			LE		14.0	5.14				
<p>JUL 18d 09h 50m $36.4 \pm 0.04s$, SD1.30 / 148 $8.20 N \pm 0.79km$, $94.04 E \pm 0.74km$, $h27 \pm 0.13km$ Nicobar Islands region (704) $M_s5.4/49$, $m_b5.5/5$, $m_b5.3/62$</p>																
QZN	18.7	53	-P	09 54 58.5	2.7				TIA	34.9	34	eP	09 57 28.3	-0.2		
			LN	$M_s=5.8$		12.0	20.6					LN	$M_s=5.4$		11.0	1.60
			LE			13.0	4.90					LE			11.0	2.00
KMI	18.8	25	-P	09 54 58.0	1.3				BTO	35.3	21	LZ	$M_s=5.2$		14.0	3.30
			PMZ	$m_b=5.0$		2.5	0.18					eP	09 57 32.4	1.0		
			pP	09 55 08.5	5.3							sP	09 57 43.0	-0.1		
			sS	09 58 33.0	0.2							PP	09 58 51.0	0.6		
LSA	21.6	353	LZ	$M_s=5.1$		18.0	7.10		WMQ	35.9	352	eS	10 03 03.0	-0.1		
			eP	09 55 23.5	-3.1							LN	$M_s=5.5$		12.0	2.50
			S	09 59 16.0	-2.1							LE			12.0	3.00
GYA	21.8	32	+iP	09 55 28.0	-0.3							LZ	$M_s=5.3$		14.0	3.50
			PMZ	$m_b=4.7$		1.2	0.040		HHC	36.1	23	eP	09 57 36.5	-0.3		
			pP	09 55 40.0	4.0							pP	09 57 45.0	0.0		
			sP	09 55 44.0	4.2							sP	09 57 48.5	0.0		
			sS	09 59 32.0	-3.2							eS	10 03 14.0	1.1		
			LN	$M_s=5.6$		13.0	8.00					LN	$M_s=4.9$		15.0	1.23
GZH	23.7	49	eP	09 55 49.6	2.2							eP	09 57 38.2	0.0		
			sS	10 00 08.0	-2.7							PMZ	$m_b=5.2$		1.2	0.054
			LN	$M_s=5.6$		15.0	9.88		BJI	37.4	28	sP	09 57 52.0	2.1		
			LE			15.0	6.97					sS	10 03 25.0	-3.8		
			LZ	$M_s=5.4$		16.0	8.91					LN	$M_s=5.4$		13.0	1.82
CD2	24.4	21	P	09 55 54.1	0.5							LE			12.0	2.40
			sP	09 56 01.1	-4.1							S	10 03 18.0	3.8		
			sS	10 00 20.0	-1.7							LZ	$M_s=5.3$		16.0	4.15
			LN	$M_s=5.5$		9.0	5.20		DL2	39.4	35	eP	09 57 45.5	-3.5		
			LZ	$M_s=5.3$		12.0	5.60					PMZ	$m_b=5.0$		1.5	0.042
XAN	29.1	26	P	09 56 35.7	-2.1							ePP	09 59 20.0	3.3		
			S	10 01 22.0	-4.3							eS	10 03 41.0	5.8		
			LN	$M_s=5.6$		12.0	5.29					LE	$M_s=5.2$		17.0	2.60
			LE			12.0	3.06		SNY	42.5	33	LZ	$M_s=5.1$		22.0	3.38
LZH	29.2	16	eP	09 56 37.5	-0.7							eP	09 58 08.0	2.3		
			PMZ	$m_b=4.8$		1.5	0.028					S	10 04 06.0	1.5		
			PMZ	$m_b=5.5$		4.0	0.38					LN	$M_s=5.5$		15.0	2.70
			pP	09 56 45.0	-1.1							LE			12.0	2.34
			eS	10 01 24.0	-3.8							LZ	$M_s=4.8$		20.0	1.54
			LE	$M_s=5.2$		12.0	2.56					LE	$M_s=5.4$		12.0	1.87
			LZ	$M_s=5.1$		18.0	4.41		CN2	44.8	32	LZ	$M_s=5.2$		16.0	2.35
WHN	29.2	38	eP	09 56 40.5	1.9							eP	09 58 50.2	-0.1		
			PMZ	$m_b=5.4$		1.8	0.13					PMZ	$m_b=5.0$		1.2	0.030
			pP	09 56 52.0	5.2							PMZ	$m_b=5.6$		5.0	0.42
			sS	10 01 36.0	-6.3							pP	09 59 01.0	2.3		
			LN	$M_s=5.5$		11.0	2.62					LN	$M_s=5.4$		13.0	0.99
			LE			11.0	4.33					LE			13.0	1.72
			LZ	$M_s=5.2$		16.0	4.13		MDJ	47.6	34	LZ	$M_s=5.5$		17.0	5.26
GTA	31.5	9	P	09 56 59.8	0.9							eP	09 59 11.6	-0.8		
			pP	09 57 04.2	-2.6							eS	10 06 05.0	-0.5		
			sP	09 57 07.2	-3.3							LN	$M_s=5.6$		12.0	1.30
			S	10 02 05.0	1.5							LE			13.0	3.00
			LE	$M_s=5.2$		12.0	2.45		<p>JUL 18d 11h 56m $29.9 \pm 0.03s$, SD1.28 / 480 $44.92 N \pm 0.48km$, $22.43 E \pm 0.37km$, $h11 \pm 0.10km$ Yugoslavia (383) $M_s5.8/43$, $m_b5.6/9$, $m_b5.6/86$</p>							
			LZ	$M_s=5.0$		21.0	3.59		KSH	39.4	79	P	12 04 04.0	2.2		
NJ2	33.1	41	+P	09 57 12.6	0.0							PP	12 05 33.0	-2.7		
			pP	09 57 24.2	3.4							eS	12 10 08.0	4.8		
			sS	10 02 37.0	-5.8							LE	$M_s=5.8$		10.0	5.90
			LN	$M_s=5.4$		10.0	2.07					P	12 04 52.0	0.1		
			LE			12.0	2.00		WMQ	45.5	67	LN	$M_s=6.0$		11.0	5.36
			LZ	$M_s=4.7$		20.0	1.48									
TIY	33.8	27	eP	09 57 18.4	-0.2											
			pP	09 57 30.0	3.3											



LSA	55.2	81	LE			11.0	4.42			PP	12 10 04.0	-1.8					
			P	12 06 03.8	-2.0					SS	12 20 52.0	-4.8					
			LZ			21.0	6.88			LN		$M_s = 5.8$	12.0	1.90			
GTA	55.6	66	-iP	12 06 08.4	-0.1					LE			12.0	1.45			
			PMZ			1.0	0.040			LZ		$M_s = 6.2$	14.0	10.9			
			PMZ			7.0	0.62	TIA	68.5	60	-P	12 07 33.7	-1.2				
			PcP	12 07 07.4	0.3					LN		$M_s = 5.8$	13.0	2.10			
			PP	12 08 09.0	-4.2					LE			11.0	1.20			
			S	12 13 56.0	4.6					LZ		$M_s = 5.3$	20.0	2.00			
			LN			15.0	3.45	SNY	68.6	52	+P	12 07 35.0	-0.6				
			LZ			18.0	5.28			PMZ		$m_b = 5.3$	1.6	0.060			
LZH	60.1	68	-iP	12 06 40.5	0.2					PP	12 10 11.0	2.6					
			PMZ			1.5	0.26			S	12 16 31.0	-4.7					
			PMZ			4.0	0.53			LN		$M_s = 5.8$	12.0	2.35			
			sS	12 15 00.0	-1.3					LZ		$M_s = 5.8$	16.0	4.35			
			LE			12.0	1.59	WHN	70.4	66	eP	12 07 45.7	-1.0				
			LZ			20.0	3.21			PMZ		$m_b = 6.0$	2.0	0.37			
BTO	61.4	60	eP	12 06 48.8	-0.2					LE		$M_s = 5.5$	12.0	1.15			
			pP	12 06 52.0	-2.6					NJ2	72.3	62	-P	12 07 56.7	-1.3		
			PP	12 09 08.0	2.6					PMZ		$m_b = 5.9$	6.0	0.90			
			S	12 15 12.0	5.0					eS	12 17 20.0	-0.2					
			LN			15.0	3.60			LN		$M_s = 5.7$	12.0	0.98			
			LE			16.0	3.00			LE			10.0	1.19			
			LZ			13.0	1.20			LZ		$M_s = 5.3$	16.0	1.22			
HHC	62.2	59	-P	12 06 54.4	0.0					SSE	74.4	62	+P	12 08 09.8	-0.6		
			PMZ			1.4	0.13			PMZ		$m_b = 5.2$	1.2	0.034			
			pP	12 07 00.0	-0.1					PMZ		$m_b = 5.5$	12.0	0.68			
			S	12 15 22.0	4.9					pP	12 08 14.2	-1.9					
			LN			10.5	2.32			LN		$M_s = 5.7$	11.0	1.16			
			LE			12.0	2.84			LE			11.0	0.84			
			LZ			18.0	5.08			LZ		$M_s = 5.1$	22.0	1.04			
CD2	63.1	72	-iP	12 07 00.8	0.1					GZH	74.7	73	P	12 08 13.4	1.3		
			PMZ			1.2	0.20			PMZ		$m_b = 5.7$	1.4	0.11			
			LE			12.0	2.30			LN		$M_s = 6.1$	14.0	3.44			
			LZ			12.0	1.80			LE			14.0	2.80			
TIY	64.6	61	-P	12 07 09.8	-0.6					LZ		$M_s = 5.6$	16.0	2.85			
			PMZ			1.5	0.088			JUL 18d 13h 24m 59.4 ± 0.03s, SD1.46 / 106 30.37 N ± 0.54km, 94.86 E ± 0.43km, h33 ± 0.08km India-China border region (313) $M_s 4.3 / 11, M_L 4.7 / 3, m_b 4.9 / 40$							
			S	12 15 44.0	-3.5					LSA	3.3	259	Pn	13 25 51.7	2.2		
			sS	12 15 53.0	-5.4								Pg	13 25 59.0	1.4		
			LN			15.0	4.84						Sg	13 26 45.0	2.3		
			LE			15.0	3.91						SMN		$M_L = 3.4$	1.0	0.14
			LZ			12.0	3.98						SME			1.0	0.13
XAN	64.6	67	-iP	12 07 10.5	0.0					KMI	8.7	125	+P	13 27 06.5	0.1		
			PMZ			1.2	0.13						LN		$M_s = 4.6$	4.0	0.60
			S	12 15 46.0	-1.8								LE			4.0	1.10
			LN			14.0	2.48			LZH	9.4	50	eP	13 27 17.5	1.0		
			LE			12.0	1.28						PMZ		$m_b = 4.8$	1.5	0.043
BJI	65.5	57	eP	12 07 15.0	-0.7								pP	13 27 23.5	0.4		
			PMZ			1.6	0.12						eS	13 29 00.0	-2.8		
			PMZ			8.0	0.43						LN		$M_s = 4.3$	5.0	0.56
			eS	12 16 00.0	0.9								LE			6.0	0.55
			eSS	12 20 16.0	3.1								LZ		$M_s = 4.0$	10.0	0.80
			LN			15.0	3.43			GTA	9.9	23	eP	13 27 22.4	-0.3		
			LE			14.0	2.62						S	13 29 16.0	2.6		
			LZ			12.0	4.21						LN		$M_s = 4.0$	8.0	0.49
KMI	66.1	78	-P	12 07 19.5	-0.4								LZ		$M_s = 3.9$	10.0	0.64
			PMZ			2.5	0.40						LZ		$M_s = 4.0$	10.0	0.80
			LZ			15.0	2.20						eP	13 27 22.4	-0.3		
GYA	67.9	74	-P	12 07 30.6	-0.9								S	13 29 16.0	2.6		
			PMZ			1.4	0.21						LN		$M_s = 4.0$	8.0	0.49
			pP	12 07 35.0	-2.2								LZ		$M_s = 3.9$	10.0	0.64
			S	12 16 30.0	2.4					GYA	11.1	108	+iP	13 27 37.8	-1.4		
			LN			12.0	2.60						PMZ		$m_b = 5.0$	1.0	0.030
			LE			12.0	2.50			XAN	12.5	69	eP	13 27 58.0	0.5		
			LZ			16.0	2.10			WMQ	14.6	339	P	13 28 24.5	-1.0		
CN2	68.3	49	-P	12 07 33.0	-0.9								PMZ		$m_b = 5.3$	1.0	0.050
			PMZ			1.0	0.040						PP	13 28 32.5	-4.6		
			PMZ			4.0	0.60						LN		$M_s = 4.0$	7.0	0.25
										BTO	16.0	46	eP	13 28 43.9	-0.1		



WMQ	10.8	62	eP	23 32 31.0	-1.4		
			eS	23 34 36.5	2.9		
			SMN			2.0	0.020
<p>JUL 19d 01h 27m 31.6 ± 0.03s, SD1.41 / 254 45.32 N ± 0.50km, 21.06 E ± 0.38km, h10 ± 0.07km Yugoslavia (383) M_S5.1 / 4, m_b4.9 / 25,</p>							
LSA	56.1	80	eP	01 37 12.5	-1.7		
GTA	56.3	66	eP	01 37 15.8	0.1		
			LN			M _S = 5.0	13.0 0.60
			LZ			M _S = 5.1	20.0 1.77
LZH	60.8	67	eP	01 37 48.0	0.7		
			PMZ			m _b = 4.9	2.0 0.032
			sP	01 38 00.0	4.7		
			LN			M _S = 5.0	10.0 0.38
			LZ			M _S = 5.0	20.0 1.23
XAN	65.4	66	eP	01 38 20.0	2.8		
CN2	68.8	49	eP	01 38 37.6	-1.2		
			pP	01 38 43.0	-1.3		
			LN			M _S = 5.5	17.0 0.83
			LE				17.0 1.28
			LZ			M _S = 5.5	14.0 2.03
<p>JUL 19d 04h 48m 36.9 ± 0.06s, SD2.05 / 24 24.62 N ± 0.74km, 122.43 E ± 0.84km, h36 ± 0.38km Taiwan (244) M_S4.1 / 4, M_L4.0 / 7, m_b4.8 / 4</p>							
QZH	3.5	276	eP	04 49 30.0	-0.4		
			SMN			M _L = 3.5	1.0 0.14
			SME				0.8 0.15
SSE	6.5	351	P	04 50 11.0	-2.4		
			PMZ			m _b = 4.9	0.6 0.044
			SMN			M _L = 3.9	1.2 0.065
			SME				1.0 0.061
			LZ			M _S = 3.9	12.0 1.08
NJ2	8.0	338	-P	04 50 31.4	-2.9		
			PMZ			m _b = 5.2	0.6 0.053
			S	04 51 59.4	-5.2		
			SMN			M _L = 4.4	1.0 0.10
			SME				1.0 0.088
			LZ			M _S = 3.8	10.0 0.64
HHC	18.6	333	eP	04 52 53.6	0.3		
BTO	19.0	330	eP	04 53 01.6	2.7		
			LN			M _S = 4.3	11.0 0.50
			LE				11.0 0.30
			LZ			M _S = 4.1	11.0 0.50
CN2	19.3	7	eP	04 53 02.4	0.6		
			pP	04 53 11.5	1.6		
			LN			M _S = 4.2	10.0 0.28
			LE				10.0 0.34
			LZ			M _S = 4.5	12.0 1.32
<p>JUL 19d 11h 02m 16.3 ± 0.04s, SD1.19 / 32 2.92 N ± 0.39km, 126.27 E ± 0.46km, h57 ± 0.41km Talaud Islands (263) m_b5.0 / 9,</p>							
XAN	34.9	334	eP	11 09 02.5	-2.6		
BJI	38.1	347	P	11 09 32.5	1.0		
SNY	38.8	357	-iP	11 09 38.4	0.8		
			PMZ			m _b = 5.0	0.8 0.021
LZH	39.0	331	eP	11 09 40.0	0.8		
			PMZ			m _b = 4.8	1.6 0.026
CN2	40.7	359	eP	11 09 53.2	-0.2		
			pP	11 10 03.2	-3.9		
<p>JUL 19d 17h 59m 21.8 ± 0.03s, SD1.65 / 8 23.81 N ± 0.26km, 99.64 E ± 0.25km, h33 ± 0.37km</p>							

<p>Burma-China border region (297) M_L3.4 / 5,</p>							
KMI	3.1	64	Pg	18 00 17.0	-0.5		
			Sg	18 00 56.5	-3.7		
			SMN			M _L = 3.4	1.5 0.17
			SME				1.5 0.090
<p>JUL 19d 18h 42m 14.0 ± 0.14s, SD2.39 / 27 23.55 N ± 0.95km, 121.62 E ± 1.39km, h9 ± 0.03km Taiwan (244) M_S4.0 / 2, M_L4.1 / 9, m_b4.5 / 4</p>							
QZH	3.1	297	ePn	18 43 01.8	-1.6		
			Sn	18 43 36.5	-5.9		
			SMN			M _L = 3.9	0.8 0.40
			SME				1.0 0.44
SSE	7.5	357	eP	18 44 05.7	-1.1		
			S	18 45 30.8	-2.0		
			SMN			M _L = 4.2	1.5 0.097
			SME				1.2 0.082
			LE			M _S = 3.7	8.0 0.44
			LZ			M _S = 3.6	12.0 0.45
NJ2	8.8	344	eP	18 44 23.0	-1.8		
			SMN			M _L = 4.7	1.0 0.18
			SME				1.0 0.091
QZN	11.9	250	eP	18 45 07.0	0.3		
TIY	16.2	333	eP	18 46 08.0	4.6		
			LN			M _S = 4.2	7.0 0.37
			LZ			M _S = 4.0	12.0 0.48
HHC	19.2	336	eP	18 46 43.4	2.2		
<p>JUL 20d 11h 48m 46.0 ± 0.03s, SD1.16 / 463 54.56 N ± 0.94km, 161.73 W ± 0.63km, h32 ± 0.19km Alaska Peninsula (12) M_S5.8 / 45, m_B6.0 / 35, m_b5.7 / 132</p>							
CN2	46.7	288	+P	11 57 13.6	-0.9		
			PMZ			m _b = 5.7	1.0 0.10
			PMZ			m _B = 6.0	6.0 1.20
			pP	11 57 23.0	-0.7		
			PP	11 59 00.0	-3.8		
			eS	12 03 55.0	-6.8		
			LN			M _S = 5.7	19.0 2.50
			LE				19.0 5.30
SNY	49.1	287	+iP	11 57 32.0	-0.7		
			PMZ			m _b = 6.1	1.2 0.30
			PMZ			m _B = 6.2	5.0 1.63
			pP	11 57 44.0	2.1		
			PcP	11 58 54.0	-1.7		
			PP	11 59 25.0	-0.9		
			PcS	12 02 52.0	1.3		
			S	12 04 32.0	-1.6		
			sS	12 04 52.0	2.0		
			LN			M _S = 5.8	17.5 5.43
			LE				17.5 3.52
			LZ			M _S = 5.7	22.0 9.28
DL2	52.2	286	+P	11 57 56.0	-0.1		
			PMZ			m _b = 6.1	1.0 0.23
			PMZ			m _B = 5.9	5.0 0.72
			eS	12 05 16.0	-1.3		
			LN			M _S = 5.7	20.0 3.69
			LE				20.0 3.63
			LZ			M _S = 5.4	26.0 4.25
BJI	54.4	291	+P	11 58 11.5	-1.1		
			PMZ			m _b = 5.5	1.4 0.088
			PMZ			m _B = 5.9	6.0 0.86
			pP	11 58 26.0	4.0		
			LN			M _S = 5.6	16.0 2.90
			LZ			M _S = 5.7	21.0 6.60
HHC	56.3	294	+P	11 58 26.5	0.0		

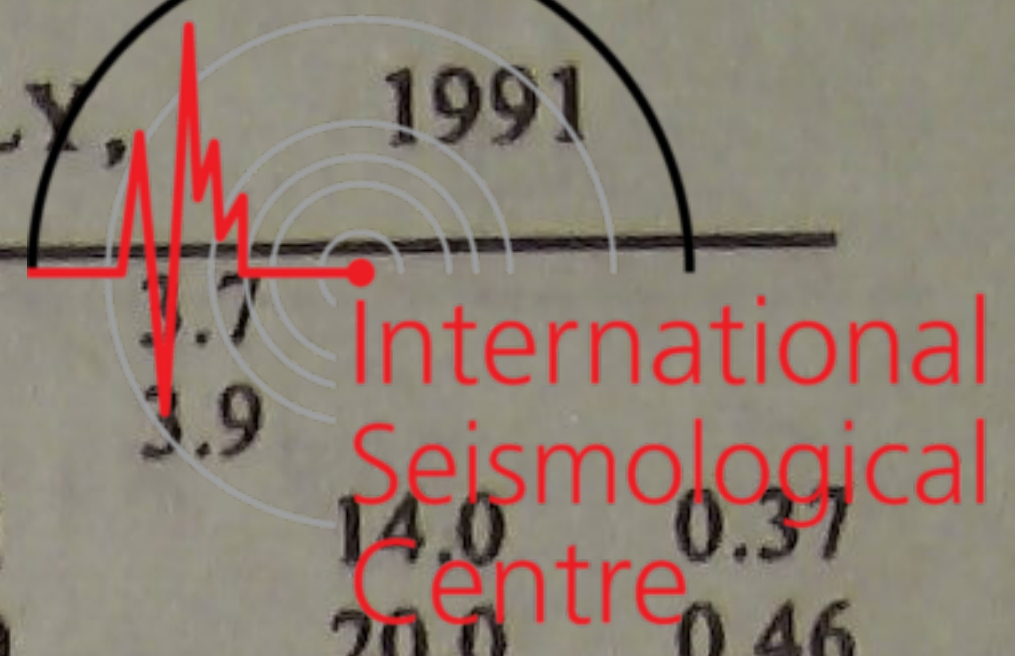
		PMZ	$m_b = 5.9$	5.5	0.96			ScP	12 03 53.0	3.8		
		sP	11 58 39.0	-0.7				S	12 07 44.0	0.6		
		PcP	11 59 21.0	-1.8				ScS	12 09 05.6	4.2		
		S	12 06 14.0	2.2				LE	$M_s = 6.0$	16.0	5.84	
		sS	12 06 31.0	2.6				LZ	$M_s = 6.1$	17.0	10.1	
		LN	$M_s = 5.8$		18.0	2.35	LZH	63.9 296	+iP	11 59 18.0	-0.6	
		LE			17.0	3.59		PMZ	$m_b = 6.1$	2.0	0.49	
TIA	56.6 287	eP	11 58 28.1	-0.5				PMZ	$m_b = 6.2$	4.0	1.20	
		PMZ	$m_b = 6.1$		5.0	1.18		pP	11 59 27.0	-0.9		
		pP	11 58 36.0	-2.0				sP	11 59 32.0	0.2		
		sP	11 58 43.0	1.2				PcP	11 59 53.0	0.0		
		PcP	11 59 23.0	-1.0				S	12 07 51.0	1.7		
		eS	12 06 17.0	0.0				LN	$M_s = 5.9$	15.0	2.49	
		LN	$M_s = 5.6$		15.0	1.79		LE		15.0	2.82	
		LE			13.0	1.12		LZ	$M_s = 5.8$	20.0	6.71	
		LZ	$M_s = 5.5$		22.0	4.37	QZH	64.2 277	P	11 59 20.0	-0.3	
BTO	57.3 295	eP	11 58 32.7	-1.0				sP	11 59 36.0	2.3		
		PMZ	$m_b = 6.1$		5.0	1.20		S	12 07 57.0	4.1		
		pP	11 58 43.0	0.1				LZ	$M_s = 5.1$	35.0	2.12	
		PP	12 00 41.5	-0.1			WMQ	65.6 312	+iP	11 59 29.0	-0.8	
		S	12 06 27.0	2.1				PMZ	$m_b = 5.6$	1.0	0.080	
		SS	12 10 22.0	6.2				PMZ	$m_b = 6.3$	4.0	1.67	
		LN	$M_s = 5.8$		13.0	1.80		pP	11 59 34.5	-4.7		
		LE			15.0	3.60		sP	11 59 40.0	-3.1		
		LZ	$M_s = 5.7$		15.0	4.50		S	12 08 12.0	1.3		
SSE	58.0 280	+iP	11 58 38.0	-0.7				sS	12 08 27.0	-0.6		
		PMZ	$m_b = 6.1$		1.4	0.38		LN	$M_s = 5.9$	16.0	3.02	
		PMZ	$m_b = 6.5$		4.0	2.27		LE		16.0	2.99	
		PcS	12 03 28.0	-1.5				LZ	$M_s = 5.9$	20.0	7.62	
		S	12 06 40.0	5.3			CD2	67.9 292	+iP	11 59 44.4	0.2	
		LN	$M_s = 5.5$		20.0	1.89		PMZ	$m_b = 6.2$	1.2	0.33	
		LE			20.0	1.96		sP	12 00 00.0	2.4		
		LZ	$M_s = 5.3$		20.0	2.30		PP	12 02 20.0	4.8		
TIY	58.1 291	+P	11 58 39.2	0.0				S	12 08 40.0	1.7		
		PMZ	$m_b = 5.8$		1.4	0.16		sS	12 08 54.0	-1.3		
		PMZ	$m_b = 5.9$		6.0	0.97		LN	$M_s = 5.6$	14.0	1.80	
		sP	11 58 50.0	-2.4				LZ	$M_s = 5.7$	16.0	3.57	
		S	12 06 40.0	4.6			GZH	68.6 280	eP	11 59 48.0	-0.6	
		LN	$M_s = 5.8$		18.0	4.33		S	12 08 50.0	3.1		
		LZ	$M_s = 5.6$		24.0	6.12		LZ	$M_s = 5.2$	32.0	2.33	
NJ2	58.7 282	+P	11 58 42.0	-1.1			GYA	69.8 287	+iP	11 59 54.2	-1.7	
		PMZ	$m_b = 5.9$		0.8	0.12		PMZ	$m_b = 6.0$	1.4	0.26	
		PMZ	$m_b = 6.0$		5.5	1.20		PMZ	$m_b = 6.3$	4.0	1.60	
		S	12 06 37.0	-5.9				sP	12 00 10.0	0.8		
		LN	$M_s = 5.5$		15.0	1.54		PP	12 02 31.0	-0.2		
		LE			15.0	1.32		S	12 09 02.0	1.5		
		LZ	$M_s = 5.1$		20.0	1.50		sS	12 09 17.0	-0.5		
WHN	62.3 284	+P	11 59 08.0	-0.2				LN	$M_s = 6.1$	20.0	3.10	
		PMZ	$m_b = 5.7$		1.2	0.13		LE		20.0	5.80	
		PMZ	$m_b = 5.9$		6.0	0.86		LZ	$M_s = 5.1$	30.0	1.60	
		pP	11 59 16.7	-1.0			KMI	73.0 289	+P	12 00 15.0	-0.2	
		sP	11 59 24.0	2.4				PMZ	$m_b = 5.8$	2.5	0.30	
		S	12 07 34.0	4.0				sP	12 00 31.0	2.6		
		LN	$M_s = 5.7$		18.0	2.72		S	12 09 40.0	2.6		
		LE			17.0	1.43		LN	$M_s = 5.7$	17.0	1.10	
		LZ	$M_s = 5.3$		18.0	1.81		LE		15.0	1.50	
XAN	62.7 291	+P	11 59 10.0	-0.8			QZN	73.8 280	P	12 00 20.0	0.1	
		PMZ	$m_b = 5.9$		1.4	0.23		PMZ	$m_b = 6.0$	7.0	1.20	
		PMZ	$m_b = 6.1$		5.0	1.20		eS	12 09 47.0	-1.4		
		pP	11 59 20.0	-0.2				LN	$M_s = 5.6$	19.0	1.30	
		PP	12 01 27.6	-2.1				LE		20.0	1.50	
		S	12 07 35.0	0.3			KSH	74.1 317	P	12 00 23.5	1.9	
		LN	$M_s = 5.9$		15.0	3.75		PP	12 03 06.0	-1.8		
GTA	63.4 301	+iP	11 59 14.0	-1.5			LSA	75.4 301	+P	12 00 28.5	-1.2	
		PMZ	$m_b = 6.1$		5.0	1.14		LE	$M_s = 6.3$	16.0	7.50	
		pP	11 59 25.0	0.2				S	12 10 02.0	-2.9		
		sP	11 59 28.6	-0.1				LZ	$M_s = 5.9$	18.0	5.76	
		PcP	11 59 49.0	-2.1								



<p>JUL 20d 13h 01m 13.3±0.05s, SD2.01 / 14 37.35 N±0.44km, 113.21 E±0.44km, h24±0.06km Eastern China (664) M_L3.0 / 15,</p>						<p>LZ M_S=3.8 8.0 0.42 GTA 9.9 23 eP 19 04 53.4 -1.0 pP 19 04 57.6 -3.0 LN M_S=3.8 9.0 0.40 LZ M_S=3.6 12.0 0.36 GYA 11.1 108 P 19 05 08.8 -2.1 PMZ m_b=5.0 1.0 0.036 pP 19 05 18.6 1.5 LN M_S=4.7 18.0 2.30 LE 18.0 4.20</p>							
TIY	0.7	301	iPg	13 01 25.2	-1.4		XAN	12.5	69	eP	19 05 28.0	-1.3	
			Sg	13 01 34.5	-2.2		WMQ	14.6	339	P	19 05 56.5	-0.7	
			SMN	M _L =3.0	0.4	0.51	pP			19 06 01.5	-1.7		
			SME		0.4	0.63	BTO	16.0	46	eP	19 06 14.2	-1.6	
TIA	3.3	109	ePg	13 02 13.0	0.5		TIY	16.3	59	eP	19 06 18.0	-1.5	
			Sg	13 02 55.1	-3.1		WHN	16.8	84	+P	19 06 26.0	0.1	
			SMN	M _L =2.9	0.2	0.052	PMZ			m _b =4.5	1.2	0.030	
			SME		0.2	0.021	eS			19 09 30.0	-1.3		
HHC	3.7	340	Pg	13 02 17.4	-2.0		sS			19 09 40.0	-1.4		
			Sg	13 03 07.2	-2.9		HHC	17.1	48	P	19 06 33.2	3.3	
			SMN	M _L =2.8	0.6	0.020	TIA	19.5	67	eP	19 07 00.7	2.1	
			SME		0.8	0.030	BJI	19.9	55	eP	19 07 03.5	0.7	
			SMZ	M _L =2.9	0.6	0.020	PMZ			m _b =4.0	1.0	0.0080	
XAN	4.8	228	Pn	13 02 25.0	0.3		NJ2	20.6	79	eP	19 07 10.0	-0.4	
			Sg	13 03 40.6	-3.2		SNY	25.8	56	eP	19 08 01.6	0.5	
			SMN	M _L =2.7	0.7	0.010	PMZ			m _b =4.7	1.4	0.026	
			SME		0.9	0.0090	CN2	27.7	53	P	19 08 19.8	1.0	
							PMZ			m _b =4.5	1.0	0.010	
<p>JUL 20d 17h 42m 08.4±0.04s, SD1.96 / 16 24.58 N±0.47km, 120.89 E±0.53km, h30±0.08km Taiwan (244) M_L3.7 / 8, m_b4.3 / 1,</p>						<p>JUL 20d 20h 24m 49.0±0.04s, SD1.51 / 10 39.37 N±0.32km, 106.53 E±0.28km, h13±0.08km Northern China (323) M_S3.0 / 1, M_L3.3 / 11,</p>							
QZH	2.1	280	ePn	17 42 41.5	-0.8		LZH	3.9	214	Pg	20 26 00.0	1.7	
			Sn	17 43 10.8	1.7		Sg			20 26 45.5	-5.9		
			SMN	M _L =3.3	0.8	0.29	SMN			M _L =3.4	1.0	0.085	
			SME		0.6	0.12	LN			M _S =3.0	15.0	0.36	
SSE	6.5	2	eP	17 43 43.0	-1.5		LZ			M _S =2.7	25.0	0.25	
			SMN	M _L =3.6	1.0	0.055	HHC	4.1	67	iPg	20 26 02.6	0.4	
			SME		0.7	0.019	Sg			20 26 57.8	-0.7		
<p>JUL 20d 18h 52m 23.5±0.04s, SD2.03 / 41 30.33 N±0.70km, 94.78 E±0.45km, h33±0.11km India-China border region (313) M_S3.8 / 1, m_b4.3 / 13,</p>						<p>HHC 4.1 67 iPg 20 26 02.6 0.4 Sg 20 26 57.8 -0.7 SMN M_L=3.3 0.4 0.050 SME 0.4 0.060 SMZ M_L=3.4 0.4 0.050 TIY 4.9 108 ePg 20 26 17.3 1.3 SMN M_L=3.3 0.6 0.046 SME 0.5 0.038 GTA 5.2 273 Pg 20 26 20.4 -0.8 Sg 20 27 31.4 -0.8 SMN M_L=3.0 0.8 0.021 SME 0.6 0.012 XAN 5.7 159 Pg 20 26 29.5 0.5 SMN M_L=3.0 0.5 0.017 SME 0.5 0.0090</p>							
LSA	3.2	260	ePn	18 53 15.0	2.4		TIY	4.9	108	ePg	20 26 17.3	1.3	
			LE		3.0	0.36	SMN			M _L =3.3	0.6	0.046	
CD2	7.8	83	ePn	18 54 17.4	2.7		SME			0.5	0.038		
GYA	11.2	107	P	18 55 00.8	-3.2		GTA	5.2	273	Pg	20 26 20.4	-0.8	
XAN	12.5	69	eP	18 55 21.5	-1.1		Sg			20 27 31.4	-0.8		
TIY	16.4	59	eP	18 56 15.4	2.7		SMN			M _L =3.0	0.8	0.021	
			LE	M _S =3.8	11.0	0.25	SME			0.6	0.012		
			LZ	M _S =4.2	10.0	0.63	XAN	5.7	159	Pg	20 26 29.5	0.5	
SNY	25.8	56	eP	18 57 53.0	-0.9		SMN			M _L =3.0	0.5	0.017	
			PMZ	m _b =4.6	1.4	0.022	SME			0.5	0.0090		
CN2	27.7	52	eP	18 58 11.0	-0.5		<p>JUL 21d 14h 28m 20.1±0.04s, SD1.05 / 93 5.21 S±0.87km, 102.63 E±0.93km, h42±0.39km Southern Sumatera (274) M_S4.7 / 4, m_b5.1 / 30,</p>						
<p>JUL 20d 19h 02m 30.1±0.04s, SD1.70 / 105 30.36 N±0.62km, 94.85 E±0.45km, h24±0.06km India-China border region (313) M_S4.1 / 10, M_L4.3 / 2, m_b4.7 / 32</p>						<p>QZN 25.1 16 P 14 33 46.0 3.1 KMI 30.2 0 eP 14 34 30.0 0.8 pP 14 34 38.0 -1.6 CD2 35.9 2 eP 14 35 17.8 -1.1 PMZ m_b=5.3 0.7 0.035 LSA 36.4 343 P 14 35 21.8 -1.6 WHN 37.3 17 eP 14 35 31.5 1.3 NJ2 40.1 22 eP 14 35 55.0 0.9 LZ M_S=4.1 22.0 0.30 LZH 41.1 1 eP 14 36 02.0 -0.1</p>							
LSA	3.3	259	-Pn	19 03 23.7	2.7		LZH	9.4	50	eP	19 04 49.0	0.8	
			LN	M _S =4.3	5.0	1.63	PMZ			m _b =4.6	1.0	0.021	
			LE		5.0	2.14	SMN			2.0	0.11		
CD2	7.7	84	ePn	19 04 26.0	4.7		LN			M _S =4.0	6.0	0.42	
			SMN	M _L =4.3	1.4	0.098	LE			9.0	0.29		
			SME		1.4	0.090							
KMI	8.7	125	eP	19 04 39.0	0.9								
			sP	19 04 52.5	4.6								
LZH	9.4	50	eP	19 04 49.0	0.8								
			PMZ	m _b =4.6	1.0	0.021							
			SMN		2.0	0.11							
			LN	M _S =4.0	6.0	0.42							
			LE		9.0	0.29							



Station	Lat	Long	Type	Time	Depth (km)	M _b	M _s	Δ (km)	Δ (km)	Δ (km)	Δ (km)		
TIY	43.7	11	PMZ			5.3		1.5	0.070				
			pP	14 36	15.0	2.2							
			LN				4.6	12.0	0.34				
			LZ				4.3	20.0	0.40				
			-iP	14 36	23.5	0.4							
			S	14 42	50.0	1.5							
GTA	44.5	357	+P	14 36	30.2	0.6							
			pP	14 36	41.0	0.6							
			sP	14 36	48.0	3.0							
			LN				4.7	13.0	0.42				
BTO	46.1	8	eP	14 36	43.2	0.7							
			HHC	46.6	9	eP	14 36	47.7	1.5				
BJI	46.7	14	PMZ			5.3	1.2	0.045					
			eP	14 36	47.5	0.2							
WMQ	50.6	346	PMZ			4.8	1.0	0.013					
			LZ				4.5	20.0	0.60				
			P	14 37	18.1	0.5							
CN2	53.0	21	PMZ			5.4	1.0	0.050					
			pP	14 37	25.0	-3.5							
			sP	14 37	31.2	-1.9							
			LZ				4.9	16.0	0.90				
			-iP	14 37	34.2	-0.9							
WHN	30.5	335	PMZ			5.1	0.8	0.020					
			pP	14 37	45.0	-1.1							
			eS	14 45	05.0	5.0							
			LZ				4.4	24.0	0.40				
<p>JUL 21d 22h 59m 09.4 ± 0.03s, SD1.25 / 279 3.03 N ± 0.69km, 128.47 E ± 0.92km, h34 ± 0.06km Molucca Passage (266) M_s5.2 / 50, m_b6.0 / 17, m_b5.8 / 96</p>													
QZH	23.8	337	-iP	23 04	21.0	0.9							
			PMZ				6.2	1.4	1.46				
			PMZ				6.3	4.0	5.23				
			S	23 08	31.0	1.4							
			LN				4.6	15.0	1.22				
QZN	24.2	312	LZ				4.9	22.0	4.39				
			-iP	23 04	25.0	1.0							
			pP	23 04	37.5	4.4							
			S	23 08	39.0	2.4							
GZH	24.7	325	LN				4.9	15.0	1.30				
			LE					14.0	1.90				
			-P	23 04	31.0	1.5							
			PMZ				6.0	5.0	2.97				
SSE	28.8	347	S	23 08	48.0	1.8							
			LN				5.4	24.0	9.80				
			LE					26.0	3.10				
			LZ				5.2	34.0	12.9				
			+P	23 05	05.5	-0.9							
NJ2	30.3	344	PMZ				5.6	1.0	0.12				
			PMZ				5.5	4.0	0.42				
			pP	23 05	15.0	-0.6							
			SS	23 11	20.0	0.5							
			ScP	23 11	49.5	-3.6							
			LN				4.9	12.0	1.07				
			LE					12.0	1.09				
			LZ				4.9	22.0	3.32				
			+iP	23 05	20.8	1.0							
			PMZ				5.5	1.4	0.11				
TIY	37.5	339	PMZ				5.4	8.0	0.61				
			ScP	23 11	55.5	-2.4							
			S	23 10	11.0	-4.4							
			sS	23 10	37.0	5.3							
			ScS	23 15	54.0	1.8							
			LE				4.7	11.0	0.66				
			XAN	35.8	332	-iP	23 06	08.0	-0.3				
						pP	23 06	22.0	4.4				
						PP	23 07	34.0	4.6				
						S	23 11	37.0	-5.2				
sS	23 12	00.0				1.3							
SS	23 13	58.0				-6.8							
ScS	23 16	20.0				-0.9							
LN							5.1	14.0	1.42				
LE								14.0	1.10				
CD2	36.2	323				-iP	23 06	11.8	0.1				
			PMZ				6.0	1.2	0.31				
			iS	23 11	47.0	-2.5							
			ScP	23 12	17.0	-1.6							
			PcS	23 12	24.0	1.4							
			ScS	23 16	21.0	-2.2							
			LZ				5.2	20.0	3.98				
			-P	23 06	12.0	0.2							
			PMZ				6.6	1.6	1.53				
			S	23 11	43.0	-5.6							
DL2	36.3	351	LE				5.1	14.0	1.80				
			LZ				4.6	24.0	1.31				
			-iP	23 06	23.0	0.5							
			PMZ				5.7	1.1	0.13				
			S	23 12	04.0	-4.1							
			ScS	23 16	29.5	-0.8							
			LN				5.4	25.0	5.36				
			LE					23.0	2.99				
			LZ				5.1	24.0	3.27				
			eP	23 06	30.5	0.0							
BJI	38.5	345	PMZ				6.1	1.2	0.40				
			eS	23 12	19.0	-4.8							
			eScP	23 12	24.0	-3.0							
			esS	23 12	44.0	4.5							
			eScS	23 16	36.5	0.6							
			LZ				4.9	24.0	2.24				
			TIA	34.6	344	P	23 05	57.3	-0.8				
						PMZ				5.6	1.4	0.13	
						ScP	23 12	09.7	-3.2				
						ScS	23 16	14.0	-0.5				
LN							5.0	15.0	1.46				
LZ							4.8	24.0	2.13				
-iP	23 06	08.0				-0.3							
pP	23 06	22.0				4.4							
PP	23 07	34.0				4.6							
S	23 11	37.0				-5.2							
KMI	33.1	314	sS	23 12	00.0	1.3							
			SS	23 13	58.0	-6.8							
			ScS	23 16	08.5	2.0							
			LZ				5.3	25.0	8.00				
			P	23 05	57.3	-0.8							
			PMZ				6.1	2.0	0.60				
			pP	23 05	55.0	0.8							
			S	23 11	03.0	2.8							
			ScS	23 16	08.5	2.0							
			LZ				5.0	30.0	4.40				
GYA	31.3	320	-iP	23 05	46.5	1.3							
			PMZ				6.1	2.0	0.60				
			pP	23 05	55.0	0.8							
			S	23 11	03.0	2.8							
			ScS	23 16	08.5	2.0							
			LN				5.4	18.0	1.90				
			LE					18.0	5.50				
			LZ				5.0	30.0	4.40				
			-P	23 05	27.8	-1.4							
			PMZ				5.5	1.6	0.13				
WHN	30.5	335	pP	23 05	37.0	-1.3							
			sP	23 05	41.0	-1.4							
			PP	23 06	31.0	-1.3							
			S	23 10	32.0	0.1							
			sS	23 10	54.0	5.7							
			ScP	23 11	58.0	-3.3							
			PcS	23 12	00.8	-4.5							
			ScS	23 15	54.4	-2.9							
			LN				5.4	18.0	1.90				
			LZ				5.0	28.0	4.80				



BTO	18.1	28	LZ	$M_s=4.5$	14.0	1.79				sP	17 17 48.0	3.7			
			P	12 03 08.0	2.0					S	17 21 20.0	3.9			
			PP	12 03 24.0	3.8					LE	$M_s=4.1$	14.0	0.37		
			sS	12 06 38.0	4.6					LZ	$M_s=3.9$	20.0	0.46		
			LN	$M_s=4.5$	11.0	0.60	NJ2	23.0	297	-P	17 17 53.8	0.9			
			LE		11.0	0.80				PMZ	$m_b=5.0$	1.0	0.074		
			LZ	$M_s=4.4$	11.0	1.00				sS	17 22 07.0	-4.9			
NJ2	18.7	63	+P	12 03 15.0	1.4					LZ	$M_s=3.8$	18.0	0.29		
			sS	12 06 50.0	2.4					SNY	24.5	323	-P	17 18 06.2	-0.8
			LN	$M_s=5.2$	10.0	3.93				PMZ	$m_b=4.8$	1.2	0.047		
			LE		9.0	2.07				S	17 22 26.0	4.5			
			LZ	$M_s=4.8$	10.0	1.92				LZ	$M_s=3.9$	20.0	0.37		
HHC	19.0	30	eP	12 03 16.4	-0.5					TIA	25.7	305	P	17 18 18.7	-0.4
			pP	12 03 27.0	5.1					WHN	26.5	292	+P	17 18 26.5	0.6
			SS	12 07 10.0	0.7					PMZ	$m_b=5.2$	0.7	0.040		
			LN	$M_s=4.7$	9.0	0.97				BJI	28.0	312	eP	17 18 38.0	-2.2
			LE		9.0	0.68				LZ	$M_s=3.8$	24.0	0.32		
			LZ	$M_s=4.8$	10.0	1.91				TIY	29.8	306	eP	17 18 54.8	-1.0
TIA	19.1	50	P	12 03 18.6	0.3					LN	$M_s=4.3$	15.0	0.40		
			S	12 06 45.0	-2.3					LZ	$M_s=4.2$	20.0	0.50		
			LN	$M_s=4.8$	10.0	1.14				HHC	31.5	311	P	17 19 10.4	-1.3
			LE		10.0	1.11				XAN	31.6	297	P	17 19 11.0	-0.8
			LZ	$M_s=4.5$	12.0	1.35				BTO	32.5	309	eP	17 19 19.4	-0.9
SSE	20.4	67	+P	12 03 32.5	0.0					GYA	33.0	283	P	17 19 24.6	-0.2
			PMZ	$m_b=4.8$	1.2	0.051				CD2	35.6	291	eP	17 19 46.0	-0.4
			PMZ	$m_b=5.2$	5.0	0.50				PMZ	$m_b=5.3$	1.0	0.049		
			sS	12 07 21.0	-3.5					LZH	36.0	299	+iP	17 19 50.0	-0.4
			LN	$M_s=5.3$	10.0	4.52				PMZ	$m_b=5.1$	1.0	0.034		
			LE		10.0	1.38				sP	17 20 04.0	0.3			
			LZ	$M_s=5.0$	8.0	2.64				PcP	17 22 17.0	1.2			
BJI	20.8	39	eP	12 03 36.5	0.1					LZ	$M_s=4.2$	28.0	0.51		
			PMZ	$m_b=4.9$	1.2	0.060				KMI	36.7	281	-P	17 19 57.5	1.7
			sS	12 07 36.0	3.5					PMZ	$m_b=5.0$	1.5	0.040		
			LN	$M_s=4.6$	10.0	0.99				sP	17 20 12.0	2.9			
			LZ	$M_s=4.3$	14.0	0.88				GTA	39.7	304	+P	17 20 21.2	-0.3
WMQ	21.0	336	P	12 03 39.0	-0.2					pP	17 20 28.8	-2.0			
			pP	12 03 50.0	5.0					PP	17 21 57.2	0.3			
			S	12 07 32.0	4.5					PcP	17 22 28.8	1.5			
			LN	$M_s=5.1$	10.0	2.86				ScP	17 26 12.6	0.5			
			LZ	$M_s=4.6$	10.0	1.21				LZ	$M_s=4.1$	21.0	0.30		
DL2	23.6	48	-P	12 04 05.0	0.8					LSA	46.5	289	+P	17 21 16.3	-0.3
			PMZ	$m_b=5.2$	1.0	0.090				WMQ	49.3	308	eP	17 21 38.0	-0.4
			sS	12 08 28.0	3.8					pP	17 21 50.0	2.1			
			LE	$M_s=4.5$	11.0	0.72				sS	17 29 04.5	6.7			
			LZ	$M_s=4.4$	12.0	0.76				ScS	17 31 29.0	5.3			
KSH	24.3	312	P	12 04 15.0	3.1					LZ	$M_s=4.2$	24.0	0.32		
			sS	12 08 40.0	2.2					<hr/> JUL 23d 11h 22m 09.8±0.04s, SD1.34 / 215 5.85 N±0.67km, 126.03 E±0.91km, h146±0.17km Mindanao (259) $m_b5.4 / 3, m_b5.5 / 85,$					
			LN	$M_s=5.2$	7.0	1.40				QZH	20.3	340	P	11 26 37.3	1.4
			LE		7.0	1.30				pP	11 27 03.0	-1.5			
SNY	26.3	44	-P	12 04 29.8	-0.9					S	11 30 12.0	2.5			
			PMZ	$m_b=5.1$	1.0	0.046				QZN	20.5	311	eP	11 26 39.0	0.9
			sS	12 09 18.0	6.6					PMZ	$m_b=5.1$	0.9	0.070		
			LN	$M_s=4.7$	12.0	0.78				pP	11 27 06.0	-1.2			
			LE		9.0	0.46				sP	11 27 25.0	1.3			
CN2	28.6	42	eP	12 04 50.0	-0.9					GZH	21.0	326	eP	11 26 44.6	0.9
			pP	12 04 59.0	2.0					PMZ	$m_b=5.0$	0.9	0.060		
			eS	12 09 35.0	-2.2					sS	11 31 08.0	-4.5			
			LN	$M_s=4.6$	10.0	0.50				LN		16.0	1.43		
			LE		10.0	0.20				SSE	25.5	350	P	11 27 24.7	-1.9
			LZ	$M_s=4.8$	12.0	1.50				PMZ	$m_b=5.3$	1.5	0.12		
<hr/> JUL 22d 17h 12m 49.8±0.04s, SD1.18 / 95 23.50 N±0.82km, 143.05 E±0.98km, h34±0.17km Volcano Islands region (213) $M_s4.1 / 3, m_b5.0 / 39,$															
SSE	20.8	296	-P	17 17 31.2	0.1					S	11 31 38.0	-2.5			
			PMZ	$m_b=5.4$	0.5	0.090				LE		12.0	0.82		
			pP	17 17 42.0	2.0					LZ		20.0	0.46		
										WHN	26.9	337	eP	11 27 40.0	0.6

			PMZ	$m_b = 6.1$	4.0	1.00
			pP	13 34 34.0	1.5	
			PcP	13 35 48.6	-0.8	
			PP	13 36 12.0	1.0	
			ScP	13 39 39.0	0.9	
			eS	13 41 06.0	-6.1	
			ScS	13 44 04.0	-2.5	
			LN	$M_s = 5.2$	15.0	1.20
			LE		15.0	0.90
			LZ	$M_s = 5.6$	18.0	6.10
MDJ	50.3	31	eP	13 34 42.0	0.7	
			LN	$M_s = 5.4$	13.0	0.89
			LE		15.0	1.55

JUL 23d 16h 51m $51.4 \pm 0.04s$, SD1.59 / 74
 30.34 N $\pm 0.57km$, 94.79 E $\pm 0.41km$, h16 $\pm 0.05km$
 India-China border region (313)
 $M_s 4.3 / 8$, $m_b 4.6 / 15$,

LSA	3.2	259	Pn	16 52 45.6	3.3	
			Sg	16 53 35.0	2.7	
			LN	$M_s = 4.6$	4.0	3.49
			LE		5.0	3.84
KMI	8.7	124	eP	16 54 00.0	-0.8	
LZH	9.5	51	eP	16 54 10.5	-0.7	
			PMZ	$m_b = 4.7$	1.5	0.040
			pP	16 54 17.0	0.5	
			LE	$M_s = 4.1$	7.0	0.62
			LZ	$M_s = 3.8$	12.0	0.53
GTA	9.9	23	eP	16 54 15.0	-2.2	
			pP	16 54 20.6	-2.0	
			eS	16 56 09.6	-0.1	
			LN	$M_s = 4.0$	9.0	0.62
			LZ	$M_s = 4.0$	10.0	0.77
GYA	11.1	107	+iP	16 54 32.0	-1.8	
			PMZ	$m_b = 4.9$	1.2	0.040
XAN	12.5	69	P	16 54 52.7	0.4	
WMQ	14.6	339	P	16 55 18.5	-0.9	
			PP	16 55 26.5	-4.1	
			eS	16 57 55.5	-6.3	
			LZ	$M_s = 3.9$	10.0	0.36
BTO	16.1	46	eP	16 55 41.4	2.6	
TIY	16.4	59	eP	16 55 43.3	0.8	
			LE	$M_s = 4.1$	10.0	0.38
			LZ	$M_s = 4.3$	12.0	0.96
HHC	17.2	48	eP	16 55 51.9	-1.0	
			PMZ	$m_b = 4.4$	1.4	0.027
BJI	19.9	55	eP	16 56 27.0	1.1	
			eS	17 00 02.0	-2.5	
			LN	$M_s = 4.3$	8.0	0.29
			LE		8.0	0.32
			LZ	$M_s = 4.3$	10.0	0.64
NJ2	20.7	79	eP	16 56 34.0	0.6	
CN2	27.7	53	-P	16 57 41.6	-0.1	
			sP	16 57 54.5	3.5	
			LN	$M_s = 4.3$	10.0	0.20
			LE		10.0	0.20
			LZ	$M_s = 3.9$	12.0	0.20

JUL 23d 19h 44m $50.1 \pm 0.07s$, SD1.67 / 61
 15.68 S $\pm 0.90km$, 71.63 W $\pm 1.29km$, h4 $\pm 0.28km$
 Near coast of Peru (115)
 $m_b 4.8 / 10$,

WMQ	146.9	28	PKP	20 04 36.5	3.4	
			pPKP	20 04 35.5	2.3	
GTA	155.2	16	ePKP	20 04 48.6	3.1	
			LZ	$M_s = 5.4$	26.0	0.65

JUL 23d 21h 16m $31.9 \pm 0.03s$, SD1.10 / 188

6.07 S $\pm 0.59km$, 130.26 E $\pm 0.94km$, h108 $\pm 0.02km$
 Banda Sea (286)
 $m_b 5.5 / 50$,

QZN	32.0	322	P	21 22 50.2	-0.6	
QZH	32.9	340	P	21 22 57.5	-0.3	
SSE	38.0	347	+P	21 23 41.5	0.4	
			PMZ	$m_b = 5.4$	1.0	0.074
			sS	21 30 04.0	-3.3	
			LZ		20.0	0.46
NJ2	39.4	345	+P	21 23 54.5	1.1	
			PMZ	$m_b = 5.5$	1.0	0.074
			pP	21 24 19.0	1.3	
			ScP	21 29 36.0	-0.6	
			S	21 29 44.0	-2.3	
			sS	21 30 28.0	-1.7	
WHN	39.5	338	-P	21 23 55.0	1.4	
			PMZ	$m_b = 5.4$	1.0	0.060
GYA	39.6	326	+iP	21 23 54.8	-0.2	
			PMZ	$m_b = 5.0$	1.2	0.030
			pP	21 24 22.8	3.6	
			sS	21 30 30.0	-2.3	
KMI	41.0	320	+P	21 24 08.0	1.7	
			PMZ	$m_b = 5.6$	1.0	0.090
			pP	21 24 31.5	1.0	
CD2	44.7	327	eP	21 24 35.9	-0.2	
XAN	44.7	335	P	21 24 35.5	-1.0	
DL2	45.5	351	eP	21 24 42.0	-0.4	
BJI	47.7	345	eP	21 24 59.5	-0.4	
			PMZ	$m_b = 5.4$	1.0	0.054
SNY	48.1	353	-P	21 25 02.4	-0.4	
			PMZ	$m_b = 5.2$	1.2	0.041
			LZ		20.0	0.49
LZH	48.7	331	-iP	21 25 08.2	0.1	
			PMZ	$m_b = 5.2$	1.5	0.054
			pP	21 25 34.5	1.7	
			sP	21 25 45.5	0.1	
			sS	21 32 45.5	0.5	
			LZ		20.0	0.49
HHC	49.7	341	P	21 25 16.2	0.3	
			PMZ	$m_b = 5.3$	1.2	0.045
CN2	49.8	355	-P	21 25 15.2	-1.2	
			PMZ	$m_b = 5.1$	0.8	0.020
			pP	21 25 42.0	0.5	
			sP	21 25 54.0	0.0	
			PcP	21 26 35.0	-0.1	
			PP	21 27 12.0	-1.3	
			ScP	21 30 18.0	-1.0	
			eS	21 32 14.0	-2.9	
			sS	21 32 58.0	-2.6	
			ScS	21 34 52.0	-1.1	
			eSS	21 35 44.0	-2.2	
			LZ		20.0	0.70
BTO	50.0	340	eP	21 25 17.6	-0.5	
LSA	51.7	316	+P	21 25 28.9	-2.3	
GTA	53.3	331	-P	21 25 42.6	0.0	
			pP	21 26 08.0	0.3	
			sP	21 26 20.6	0.3	
			sS	21 33 45.0	-3.4	
			LZ		14.0	0.29
WMQ	62.8	327	P	21 26 48.5	-0.2	
			PMZ	$m_b = 5.5$	1.0	0.070
			pP	21 27 14.5	-0.2	
			ScP	21 31 21.0	5.4	
			sS	21 35 54.0	1.1	
			LZ		18.0	0.29

JUL 23d 21h 16m $43.0 \pm 0.03s$, SD1.06 / 104
 24.77 S $\pm 0.49km$, 179.56 W $\pm 0.50km$, h469 $\pm 0.37km$

<p>South of Fiji (171) m_b5.0 / 29,</p>															
QZN	81.3	295	P	21 28 10.6	-0.7										
DL2	83.9	318	eP	21 28 25.4	1.3										
CN2	84.8	323	P	21 28 27.8	-1.0										
			PMZ			m _b = 4.9	1.2	0.040							
TIA	85.1	314	eP	21 28 30.5	0.3										
LZH	94.2	308	eP	21 29 13.0	0.1										
<p>JUL 23d 21h 58m 19.9 ± 0.05s, SD2.23 / 24 23.33 N ± 0.51km, 99.67 E ± 0.87km, h12 ± 0.02km Burma-China border region (297) M_S4.1 / 1, M_L4.0 / 5, m_b3.9 / 2</p>															
GYA	7.1	62	ePn	22 00 07.0	3.2										
			Pg	22 00 20.0	-4.7										
			Sn	22 01 23.0	-3.3										
			SMN			M _L = 3.8	1.2	0.050							
			SME				1.2	0.030							
CD2	8.4	25	eP	22 00 24.5	0.1										
XAN	13.4	35	P	22 01 28.9	-3.9										
GTA	16.0	0	+iP	22 02 12.1	4.7										
			pP	22 02 17.2	5.2										
TIY	18.0	34	eP	22 02 33.6	1.1										
			LN			M _S = 4.1	11.0	0.41							
			LZ			M _S = 4.2	10.0	0.51							
WMQ	22.7	337	P	22 03 23.5	0.5										
<p>JUL 23d 22h 34m 55.0 ± 0.01s, SD1.57 / 5 38.02 N ± 0.11km, 106.34 E ± 0.11km, h10 ± 0.06km Northern China (323) M_L3.2 / 7,</p>															
LZH	2.8	227	ePg	22 35 44.0	-0.3										
			Sg	22 36 17.0	-5.0										
			SMN			M _L = 3.2	0.6	0.14							
			SME				0.6	0.088							
TIY	4.8	92	ePg	22 36 21.0	0.5										
			Sg	22 37 21.2	-5.2										
			SMN			M _L = 3.1	0.4	0.036							
			SME				0.5	0.019							
HHC	4.9	53	ePg	22 36 21.5	-0.8										
			Sg	22 37 23.9	-5.6										
			SMN			M _L = 3.3	0.4	0.030							
			SME				0.4	0.040							
			SMZ			M _L = 3.7	0.4	0.060							
<p>JUL 24d 00h 55m 42.6 ± 0.03s, SD1.64 / 7 41.99 N ± 0.49km, 89.58 E ± 0.28km, h16 ± 0.01km Southern Xinjiang Province (321) M_L3.8 / 7,</p>															
WMQ	2.3	324	iPn	00 56 21.4	1.2										
			Sg	00 56 51.5	-2.8										
			SMN			M _L = 3.6	0.5	0.37							
GTA	8.2	105	eP	00 57 45.8	1.8										
			SMN			M _L = 3.8	0.7	0.025							
			SME				0.8	0.023							
<p>JUL 24d 03h 10m 40.4 ± 0.05s, SD0.95 / 137 52.23 N ± 0.97km, 162.18 E ± 0.59km, h34 ± 0.10km Off east coast of Kamchatka (219) M_S4.8 / 9, m_B5.5 / 2, m_b5.0 / 70</p>															
CN2	25.7	266	eP	03 16 09.2	-0.8										
			PMZ			m _b = 4.3	1.0	0.0080							
			PMZ			m _B = 5.3	4.0	0.30							
			eS	03 20 36.0	1.5										
			LN			M _S = 4.6	13.0	0.30							
			LE				13.0	0.80							
			LZ			M _S = 4.9	14.0	2.20							
BJI	33.6	267	eP	03 17 20.0	0.2										
<p>JUL 24d 03h 27m 51.2 ± 0.07s, SD1.72 / 110 16.01 S ± 0.86km, 73.66 W ± 1.01km, h55 ± 0.62km Near coast of Peru (115) m_b5.0 / 19,</p>															
MDJ	145.4	330	PKP	03 47 23.0	-0.8										
WMQ	148.1	26	PKP	03 47 33.2	4.9										
			sPKP	03 47 46.5	-3.6										
			LZ			M _S = 5.3	28.0	0.62							
HHC	154.8	351	ePKP	03 47 41.4	3.0										
GTA	156.0	12	ePKP	03 47 42.2	2.3										
			pPKP	03 47 59.2	4.0										
TIY	157.7	347	ePKP	03 47 44.0	1.8										
LZH	159.9	6	ePKP	03 47 41.2	-3.6										
XAN	161.9	353	PKP	03 47 49.0	2.3										
GYA	169.6	358	PKP	03 47 54.0	0.9										
<p>JUL 24d 06h 06m 44.1 ± 0.04s, SD1.67 / 70 30.34 N ± 0.55km, 94.80 E ± 0.42km, h33 ± 0.05km India-China border region (313) M_S4.0 / 4, M_L5.0 / 1, m_b4.7 / 19</p>															
LSA	3.2	259	Pn	06 07 36.0	2.5										
			LN			M _S = 4.1	4.0	1.15							
			LE				5.0	1.33							
CD2	7.7	84	ePn	06 08 38.0	3.0										
KMI	8.7	124	eP	06 08 52.0	0.5										
LZH	9.5	51	eP	06 09 01.5	-0.4										
			PMZ			m _b = 4.6	2.0	0.035							
			LE			M _S = 4.0	5.0	0.34							
			LZ			M _S = 3.6	10.0	0.32							
GTA	9.9	23	eP	06 09 07.1	-0.9										
			LN			M _S = 3.6	10.0	0.26							
			LZ			M _S = 3.7	10.0	0.39							
GYA	11.1	107	+iP	06 09 23.4	-1.0										
			PMZ			m _b = 5.2	1.2	0.060							
XAN	12.5	69	eP	06 09 42.8	-0.2										
WMQ	14.6	339	P	06 10 09.5	-0.7										
BTO	16.1	46	eP	06 10 31.2	1.9										
TIY	16.3	59	eP	06 10 35.1	2.1										
			LE			M _S = 4.0	10.0	0.29							
			LZ			M _S = 4.0	17.0	0.72							
WHN	16.9	84	eP	06 10 41.5	2.1										



HHC	17.2	48	eP	06 10 45.8	2.4		
TIA	19.5	67	eP	06 11 13.7	1.7		
BJI	19.9	55	eP	06 11 15.0	-1.2		
			LZ			12.0	0.30
				$M_s=3.9$			
NJ2	20.6	79	eP	06 11 21.0	-2.7		
SNY	25.8	56	eP	06 12 13.2	-1.1		
CN2	27.7	53	P	06 12 32.6	0.6		

JUL 24d 06h 37m $41.2 \pm 0.05s$, SD1.89 / 6
 24.89 N $\pm 0.50km$, 98.94 E $\pm 0.30km$, $h7 \pm 0.05km$
 Burma-China border region (297)
 $M_L 3.2 / 4$,

KMI	3.5	85	Pg	06 38 42.5	-0.2		
			Sg	06 39 29.5	-0.3		
			SMN			1.5	0.11
			SME			1.0	0.050
				$M_L=3.3$			

JUL 24d 08h 17m $12.2 \pm 0.06s$, SD2.76 / 20
 30.22 N $\pm 0.54km$, 108.15 E $\pm 0.49km$, $h17 \pm 0.13km$
 Sichuan Province (307)
 $M_L 3.8 / 10$,

CD2	3.9	281	ePn	08 18 12.7	1.5		
			Pg	08 18 23.8	3.6		
			Sg	08 19 15.2	2.3		
			SMN			0.8	0.23
			SME			0.8	0.22
				$M_L=3.8$			
XAN	3.9	10	Pn	08 18 13.5	2.0		
			Pg	08 18 22.0	1.5		
			Sg	08 19 12.6	-0.9		
			SMN			1.0	0.35
			SME			1.0	0.32
				$M_L=4.0$			
GYA	4.0	200	Pn	08 18 13.8	0.9		
			Pg	08 18 28.0	5.7		
			Sn	08 19 03.4	2.6		
			Sg	08 19 19.2	2.7		
			SMN			1.2	0.26
			SME			1.2	0.24
				$M_L=3.9$			
GTA	11.4	326	eP	08 19 57.1	-1.3		

JUL 24d 09h 28m $21.4 \pm 0.12s$, SD3.64 / 6
 42.40 N $\pm 0.82km$, 79.83 E $\pm 1.40km$, $h13 \pm 0.04km$
 Kirgiziya-Xinjiang border region (320)
 $M_L 3.6 / 6$,

WMQ	5.9	74	Pn	09 29 50.2	0.7		
			Sn	09 30 53.4	-6.1		
			Sg	09 31 21.0	-6.3		
			SMN			0.6	0.040
			SME			0.8	0.040
				$M_L=3.5$			

JUL 24d 09h 36m $36.5 \pm 0.03s$, SD1.13 / 223
 32.28 N $\pm 0.65km$, 138.82 E $\pm 0.53km$, $h245 \pm 0.26km$
 South of Honshu (211)
 $m_b 5.3 / 3$, $m_b 5.2 / 89$,

SNY	15.4	312	-iP	09 40 02.8	-0.7		
			PMZ			1.2	0.070
			LZ			13.0	0.48
				$m_b=4.9$			
DL2	15.5	300	-P	09 40 05.0	1.2		
			PMZ			1.0	0.20
			LZ			14.0	0.29
				$m_b=5.5$			
CN2	15.6	321	P	09 40 03.6	-1.5		
			PMZ			1.0	0.030
			PMZ			4.0	0.30
			pP	09 40 08.5	3.7		
			eS	09 42 52.0	0.9		
			LN			10.0	0.30
			LE			10.0	0.30
			LZ			15.0	1.70
NJ2	16.9	275	+P	09 40 20.5	0.1		

			PMZ			$m_b=5.1$	1.0	0.074
TIA	18.4	288	eP	09 40 35.1	-0.4			
BJI	19.8	299	eP	09 40 50.0	-0.4			
			PMZ			$m_b=5.7$	1.5	0.44
			ePP	09 41 24.0	-0.6			
			eS	09 44 20.0	4.5			
			eScP	09 48 11.0	1.8			
			eScS	09 51 53.0	2.4			
WHN	20.9	272	+iP	09 41 03.0	1.5			
			PMZ			$m_b=5.3$	1.5	0.15
			LE				17.0	2.35
			LZ				16.0	0.83
TIY	22.2	291	eP	09 41 15.2	0.9			
			PMZ			$m_b=4.8$	0.8	0.026
HHC	23.4	299	P	09 41 26.0	0.4			
			PMZ			$m_b=5.5$	1.2	0.16
			sP	09 42 36.5	-3.1			
			eS	09 45 14.0	-4.5			
			sS	09 45 27.0	-4.6			
			LN				8.0	0.16
			LZ				13.0	0.61
BTO	24.5	298	eP	09 41 36.2	0.4			
			PP	09 42 26.6	0.7			
			sP	09 42 45.0	-5.4			
XAN	25.1	282	-P	09 41 40.0	-0.6			
GYA	28.5	267	eP	09 42 11.0	-1.3			
LZH	29.1	287	eP	09 42 15.0	-2.1			
			PMZ			$m_b=4.8$	2.0	0.049
			LN				5.0	0.23
			LZ				8.0	0.30
CD2	29.8	277	eP	09 42 22.0	-1.5			
GTA	32.2	294	-P	09 42 43.6	-0.8			
			pP	09 43 32.6	-0.5			
			PP	09 43 59.5	-1.6			
			sP	09 44 04.0	3.0			
			PcP	09 45 29.6	3.3			
			ScP	09 48 47.8	2.7			
			ScS	09 52 44.8	1.4			
WMQ	41.3	301	P	09 44 00.0	-0.1			
			PMZ			$m_b=5.0$	1.5	0.10
			pP	09 44 49.5	-1.1			
			sP	09 45 15.5	-2.4			
			PP	09 45 39.5	-1.8			
			PcP	09 45 53.5	-0.2			
			ScP	09 49 21.0	2.4			
			S	09 49 56.5	1.8			

JUL 24d 09h 45m $41.5 \pm 0.05s$, SD1.13 / 324
 36.57 N $\pm 0.82km$, 44.07 E $\pm 0.41km$, $h26 \pm 0.17km$
 Iraq (375)
 $M_s 5.3 / 37$, $m_b 5.8 / 17$, $m_b 5.4 / 109$

KSH	25.2	74	P	09 51 10.0	2.9			
			sS	09 55 46.0	5.0			
			LN			$M_s=5.9$	9.0	6.80
			LE				9.0	11.0
WMQ	33.8	64	P	09 52 25.0	0.9			
			PMZ			$m_b=5.5$	1.5	0.11
			PMZ			$m_b=6.0$	4.0	0.89
			pP	09 52 32.5	0.6			
			PP	09 53 41.0	4.3			
			eS	09 57 47.0	1.3			
			LN			$M_s=5.3$	9.0	1.96
			LZ			$M_s=4.9$	18.0	2.28
LSA	39.7	86	P	09 53 12.5	-1.8			
			sS	09 59 26.0	-3.3			
			LN			$M_s=5.1$	16.0	1.80
GTA	43.4	69	P	09 53 45.0	0.3			
			PMZ			$m_b=5.9$	5.0	0.98



		LZ	$M_s=5.3$	16.0	0.83
HHC	92.1	48 eP	14 08 01.0	0.8	
TIA	94.6	54 eP	14 08 10.4	-0.8	
BJI	95.1	50 eP	14 08 12.0	-1.7	

JUL 24d 14h 15m $49.0 \pm 0.05s$, SD2.09 / 9
 24.93 N $\pm 0.41km$, 98.97 E $\pm 0.29km$, h11 $\pm 0.36km$
 Burma-China border region (297)
 $M_L 3.4 / 6$,

KMI	3.4	86 Pg	14 16 50.0	0.0	
		Sg	14 17 36.0	-0.7	
		SMN	$M_L=3.5$	1.5	0.20
		SME		1.5	0.10
GYA	7.1	76 ePn	14 17 36.0	2.5	

JUL 24d 14h 20m $13.6 \pm 0.15s$, SD2.93 / 12
 24.79 N $\pm 1.15km$, 98.94 E $\pm 0.88km$, h5 $\pm km$
 Burma-China border region (297)
 $M_L 3.4 / 6$, $m_b 4.7 / 1$,

KMI	3.5	83 Pg	14 21 15.5	0.3	
		Sg	14 21 59.0	-3.4	
		SMN	$M_L=3.4$	1.0	0.10
		SME		1.0	0.10

JUL 24d 15h 24m $39.7 \pm 0.04s$, SD1.80 / 32
 43.11 N $\pm 0.52km$, 78.14 E $\pm 0.53km$, h11 $\pm 0.17km$
 Alma-Ata region (330)
 $M_s 3.8 / 1$, $M_L 4.4 / 7$, $m_b 4.5 / 7$

KSH	4.0	206 Pg	15 25 53.0	3.1	
		Sg	15 26 48.5	4.7	
		SMN	$M_L=4.7$	0.5	1.32
		SME		1.0	1.71
WMQ	7.0	81 Pn	15 26 25.8	3.2	
		Sn	15 27 45.0	0.6	
		SMN	$M_L=4.3$	1.0	0.13
GTA	16.7	95 eP	15 28 35.2	-0.5	
		pP	15 28 39.2	-1.1	
		LE	$M_s=3.8$	8.0	0.17
		LZ	$M_s=3.7$	10.0	0.19
LZH	21.0	101 eP	15 29 25.5	-0.2	
		PMZ	$m_b=4.6$	1.0	0.026
		pP	15 29 30.5	-0.4	
		LZ	$M_s=3.7$	15.0	0.24
XAN	25.6	100 eP	15 30 10.0	-1.0	
TIY	26.5	90 eP	15 30 19.0	-0.8	

JUL 25d 01h 52m $42.9 \pm 0.04s$, SD1.72 / 63
 30.37 N $\pm 0.57km$, 94.73 E $\pm 0.39km$, h16 $\pm 0.07km$
 India-China border region (313)
 $M_s 4.0 / 6$, $M_L 4.4 / 2$, $m_b 4.7 / 13$

LSA	3.2	259 Pn	01 53 37.0	3.8	
		Sg	01 54 29.5	6.9	
		LE	$M_s=3.9$	5.0	1.15
CD2	7.8	84 ePn	01 54 40.3	4.1	
		eSn	01 56 05.0	-1.5	
		LN	$M_s=4.1$	7.0	0.83
KMI	8.8	124 eP	01 54 52.5	-0.4	
LZH	9.5	51 eP	01 55 04.0	1.1	
		SMN		2.5	0.11
		SME		2.5	0.084
		LN	$M_s=3.9$	5.0	0.28
		LZ	$M_s=3.6$	10.0	0.32
GTA	9.9	23 eP	01 55 06.8	-1.7	
		LN	$M_s=3.6$	10.0	0.26
		LZ	$M_s=3.5$	12.0	0.30
GYA	11.2	107 P	01 55 23.6	-2.3	
		PMZ	$m_b=4.9$	1.2	0.040
WMQ	14.5	339 P	01 56 10.5	0.2	

		PP	01 56 18.5	-2.9	
		LZ	$M_s=4.2$	6.0	0.40
BTO	16.1	46 eP	01 56 32.6	2.2	
TIY	16.4	59 eP	01 56 36.1	1.9	
		LE	$M_s=4.1$	9.0	0.34
		LZ	$M_s=4.1$	14.0	0.71

WHN	16.9	84 eP	01 56 38.5	-2.4	
HHC	17.2	48 eP	01 56 42.6	-1.9	
BJI	20.0	55 eP	01 57 17.0	-0.6	
		PMZ	$m_b=4.3$	1.6	0.021
		LZ	$M_s=3.9$	12.0	0.30
NJ2	20.7	79 eP	01 57 25.0	-0.2	
CN2	27.8	53 P	01 58 33.1	-0.2	

JUL 25d 02h 45m $41.3 \pm 0.04s$, SD4.31 / 5
 36.64 N $\pm 0.38km$, 111.38 E $\pm 0.30km$, h5 $\pm 0.11km$
 Eastern China (664)
 $M_L 3.0 / 5$,

TIA	4.7	94 ePg	02 47 05.4	1.9	
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JUL 25d 07h 07m $34.4 \pm 0.02s$, SD2.24 / 5
 24.90 N $\pm 0.19km$, 98.96 E $\pm 0.13km$, h36 $\pm 0.48km$
 Burma-China border region (297)
 $M_L 3.2 / 3$,

KMI	3.4	85 ePg	07 08 36.0	0.1	
		Sg	07 09 19.5	-3.4	
		SMN	$M_L=3.1$	1.5	0.090
		SME		1.0	0.020

JUL 25d 12h 25m $00.1 \pm 0.03s$, SD0.99 / 84
 5.74 S $\pm 0.45km$, 130.82 E $\pm 0.93km$, h32 $\pm 0.03km$
 Banda Sea (280)
 $m_b 5.2 / 29$,

QZN	32.1	320 P	12 31 27.8	0.6	
SSE	37.8	346 P	12 32 16.0	0.7	
		PMZ	$m_b=4.8$	0.6	0.010
		pP	12 32 26.0	1.5	
NJ2	39.3	344 +P	12 32 29.0	1.2	
WHN	39.4	337 +P	12 32 30.5	1.9	
		PMZ	$m_b=5.3$	1.0	0.050
GYA	39.7	325 +iP	12 32 30.8	-0.3	
		PMZ	$m_b=5.1$	1.0	0.030
KMI	41.1	320 +P	12 32 44.5	1.4	
		PMZ	$m_b=5.4$	1.2	0.080
XAN	44.7	334 +iP	12 33 11.5	-0.5	
CD2	44.7	326 eP	12 33 12.2	-0.1	
		PMZ	$m_b=5.2$	0.6	0.024
TIY	46.5	340 +P	12 33 26.8	0.1	
BJI	47.5	345 eP	12 33 34.5	0.0	
		PMZ	$m_b=5.0$	1.0	0.021
LZH	48.7	331 +iP	12 33 44.5	0.5	
		PMZ	$m_b=5.2$	1.6	0.052
CN2	49.5	355 P	12 33 49.5	-0.8	
		PMZ	$m_b=4.9$	0.6	0.010
HHC	49.6	341 eP	12 33 51.4	0.4	
BTO	49.9	339 P	12 33 52.8	-0.5	
GTA	53.3	330 +iP	12 34 18.8	0.1	
		PMZ	$m_b=4.7$	1.0	0.010
		pP	12 34 26.8	-1.1	
		sP	12 34 30.4	-1.4	
		PcP	12 35 24.8	-0.4	
WMQ	62.8	326 P	12 35 25.0	-0.4	
		PMZ	$m_b=5.5$	1.0	0.060

JUL 25d 15h 25m $29.2 \pm 0.07s$, SD1.05 / 277
 17.81 N $\pm 0.49km$, 95.06 W $\pm 0.46km$, h125 $\pm 0.55km$
 Oaxaca, Mexico (60)
 $m_b 5.3 / 71$,

HHC	116.6	338	PKP	15 44 00.1	0.4		
WMQ	118.6	358	PKP	15 44 04.0	0.4		
			LZ			16.0	0.28
TIY	119.0	335	+PKP	15 44 04.8	0.4		
SSE	120.2	324	+PKP	15 44 06.5	0.0		
			LN			16.0	0.60
			LE			15.0	0.43
			LZ			20.0	0.92
NJ2	120.7	327	+PKP	15 44 07.4	-0.2		
GTA	121.4	347	PKP	15 44 09.6	0.5		
LZH	123.5	342	+iPKP	15 44 14.5	1.4		
			sPKP	15 44 56.0	-3.1		
			PP	15 45 55.0	-4.6		
			LN			15.0	0.71
			LZ			22.0	1.40
XAN	123.6	336	PKP	15 44 13.6	0.4		
WHN	124.2	329	+PKP	15 44 15.0	0.6		
CD2	128.3	339	+iPKP	15 44 23.4	1.1		
GYA	131.2	334	PKP	15 44 27.4	-0.5		
LSA	132.4	353	PKP	15 44 29.4	-1.2		
KMI	133.9	337	+PKP	15 44 34.0	0.9		
			PKS	15 48 04.0	-2.5		
			LZ			25.0	1.50

JUL 25d 15h 46m 00.3 ± 0.03s, SD1.02 / 203
 16.92 N ± 0.63km, 101.37 W ± 0.58km, h31 ± 0.19km
 Near coast of Guerrero, Mexico (58)
 M_S5.9 / 8, m_B5.9 / 2, m_b5.3 / 64

HHC	114.9	333	ePKP	16 04 40.6	1.4		
			LE			M _S =5.9	19.0 1.49
			LZ			M _S =5.6	24.0 1.89
TIY	117.0	330	ePKP	16 04 42.2	-1.0		
			PP	16 06 02.0	5.3		
			LN			M _S =5.8	17.0 1.13
			LZ			M _S =5.8	20.0 2.13
WMQ	119.0	352	PKP	16 04 47.0	-0.1		
			SKS	16 11 48.0	-5.2		
			LN			M _S =6.0	20.0 1.86
			LZ			M _S =5.7	24.0 1.96
GTA	120.6	341	ePKP	16 04 50.4	0.2		
			PP	16 06 16.0	-4.4		
			PPMZ			m _B =6.0	6.0 0.43
			eSS	16 22 48.0	3.0		
			LN			M _S =5.9	16.0 1.14
			LZ			M _S =5.7	18.0 1.40
XAN	121.7	331	PKP	16 04 52.0	-0.2		
			LN			M _S =6.1	18.0 1.39
			LE				18.0 1.34
LZH	122.1	336	ePKP	16 04 53.5	0.3		
			LN			M _S =5.7	15.0 0.71
			LZ			M _S =5.6	22.0 1.40
CD2	126.7	333	PKP	16 05 02.2	0.3		
GYA	129.0	327	PKP	16 05 06.4	-0.1		
LSA	132.1	345	ePKP	16 05 11.8	-0.9		

JUL 26d 06h 56m 50.7 ± 0.05s, SD1.31 / 132
 14.95 N ± 0.61km, 120.63 E ± 0.90km, h32 ± 0.04km
 Luzon (249)
 M_S4.9 / 45, m_B5.4 / 7, m_b5.0 / 40

QZH	10.1	349	eP	06 59 16.0	-0.9		
			pP	06 59 22.0	-1.9		
			S	07 01 11.0	0.7		
			sS	07 01 17.0	-4.3		
			SS	07 01 26.0	2.2		
			LE			M _S =4.6	16.0 3.93
			LZ			M _S =4.6	17.0 5.38
SSE	16.1	2	+P	07 00 38.0	1.9		
			PMZ			m _B =4.5	1.2 0.024

			sS	07 03 48.0	3.2		
			LN			M _S =4.8	17.0 2.35
			LE				15.0 2.16
			LZ			M _S =4.7	20.0 4.13
WHN	16.6	341	eP	07 00 44.0	1.9		
			PMZ			m _B =4.9	1.5 0.080
			sP	07 00 56.0	1.9		
			sS	07 03 56.0	0.0		
			LN			M _S =4.8	14.0 2.08
			LE				12.0 1.65
			LZ			M _S =4.4	20.0 2.13
NJ2	17.1	355	-P	07 00 51.2	2.2		
			PMZ			m _B =4.5	1.4 0.033
			sS	07 04 13.0	4.4		
			LN			M _S =4.7	11.0 0.75
			LE				11.0 1.37
			LZ			M _S =4.5	20.0 2.66
GYA	17.4	314	P	07 00 52.6	0.3		
			sS	07 04 10.0	-4.3		
			LN			M _S =5.1	15.0 5.10
			LE				15.0 2.90
			LZ			M _S =4.6	18.0 2.80
KMI	19.6	304	-P	07 01 21.0	1.6		
			PMZ			m _B =5.4	5.0 0.86
			sS	07 05 02.0	-3.0		
			LN			M _S =4.7	12.0 0.80
			LE				10.0 1.13
			LZ			M _S =4.7	20.0 3.10
TIA	21.4	352	-P	07 01 37.5	-0.6		
			sP	07 01 49.0	-1.8		
			sS	07 05 36.0	-6.8		
			LN			M _S =4.8	16.0 1.92
			LE				17.0 1.72
			LZ			M _S =4.7	20.0 2.65
XAN	21.8	333	P	07 01 40.2	-1.4		
			LN			M _S =5.1	14.0 2.98
			LE				14.0 2.88
CD2	22.2	319	eP	07 01 44.3	-1.5		
			PMZ			m _B =5.4	1.0 0.16
			eS	07 05 45.0	1.6		
			LE			M _S =5.2	12.0 3.68
			LZ			M _S =4.8	16.0 2.85
TIY	23.8	344	-P	07 02 04.0	2.1		
			PMZ			m _B =5.0	1.4 0.079
			S	07 06 17.0	5.3		
			sS	07 06 30.0	3.2		
			LN			M _S =4.9	13.0 1.91
			LZ			M _S =4.9	15.0 3.08
DL2	23.9	2	eP	07 02 04.0	1.6		
			sS	07 06 22.0	-6.0		
			LN			M _S =4.9	14.0 1.82
			LE				14.0 1.44
			LZ			M _S =4.7	16.0 1.78
BJI	25.3	352	eP	07 02 17.5	1.4		
			PMZ			m _B =5.4	1.7 0.16
			sS	07 06 54.0	1.8		
			LN			M _S =4.8	14.0 1.08
			LE				14.0 1.15
			LZ			M _S =4.6	22.0 1.86
LZH	25.9	328	eP	07 02 21.0	-0.5		
			PMZ			m _B =5.3	1.0 0.078
			PMZ			m _B =5.4	4.0 0.38
			pP	07 02 27.5	-2.7		
			sP	07 02 31.0	-3.2		
			PP	07 03 05.0	3.3		
			eS	07 06 50.0	2.8		
			sS	07 07 03.0	1.4		
			LN			M _S =5.3	12.0 2.82

SNY	26.9	5	LE			12.0	2.46	JUL 27d 09h 39m 32.5 ± 0.04s, SD1.52 / 63																	
			LZ	M _s = 4.7		20.0	2.32	1.89 N ± 1.42km, 90.53 W ± 1.65km, h8 ± 0.29km																	
			eP	07 02	30.8	-0.2			Galapagos Islands region (696)																
			sS	07 07	16.0	-3.0			M _s 5.8 / 1, m _b 5.0 / 10,																
			LN		M _s = 4.9		16.0	1.57	WMQ	134.5	2	PKP	09 58 56.5	3.8											
			LE			14.0	1.26			LN	M _s = 5.8	15.0	0.74												
HHC	27.0	345	LZ	M _s = 4.8		17.0	2.36	GYA	147.3	331	PKP	09 59 19.4	4.0												
			eP	07 02	31.2	-0.7			JUL 27d 09h 54m 47.0 ± 0.06s, SD2.29 / 33																
			LN		M _s = 5.2		15.0	1.45	39.72 N ± 0.74km, 118.85 E ± 0.61km, h6 ± 0.06km																
BTO	27.2	342	LE			14.0	2.97	North-Eastern China (658)																	
			LZ	M _s = 5.0		16.0	2.97	M _s 4.1 / 2, M _L 4.0 / 21,																	
			eP	07 02	34.0	0.3			BJI	2.1	280	Pn	09 55 21.5	-1.3											
			pP	07 02	41.0	-1.5						Pg	09 55 24.0	0.2											
			PP	07 03	23.5	3.5						Sg	09 55 50.5	-1.8											
GTA	30.5	327	eS	07 07	13.0	4.2					SMN	M _L = 4.6	0.5	5.59											
			LN		M _s = 5.1		15.0	2.10			SME		0.5	4.07											
			LE				14.0	2.00			DL2	2.3	110	+iPn	09 55 27.3	1.5									
			LZ	M _s = 4.8		16.0	2.20					Pg	09 55 33.6	5.9											
			P	07 03	01.6	-1.5						Sg	09 56 02.6	3.4											
WMQ	40.2	322	pP	07 03	10.6	-1.4					SMN	M _L = 3.6	0.5	0.70											
			PcP	07 06	03.0	1.6					SME		0.5	0.11											
			eS	07 07	58.0	-3.1					TIA	3.8	202	ePn	09 55 46.9	1.1									
			LE		M _s = 4.9		13.0	1.40				Pg	09 55 58.5	5.2											
			LZ	M _s = 5.0		16.0	2.79					Sn	09 56 30.4	-2.0											
JUL 26d 15h 04m 07.3 ± 0.03s, SD1.09 / 109	2.07	S ± 0.51km, 128.09 E ± 0.88km, h26 ± 0.03km	Cerem Sea (270)	m _b 5.1 / 29,	WHN	35.0	339	-P	15 11	01.3	1.3														
								PMZ		m _b = 5.2		1.2	0.050												
								pP	15 11	12.5	4.5														
								eP	15 11	00.8	0.2														
								P	15 11	01.6	0.3														
TIA	39.4	346	-P	15 11	16.0	2.5																			
			PMZ		m _b = 5.1		2.0	0.070																	
			pP	15 11	22.5	1.3																			
			+P	15 11	36.7	-0.8																			
			P	15 11	43.6	-0.2																			
XAN	40.2	335	eP	15 11	52.7	0.6																			
			PMZ		m _b = 5.3		1.0	0.050																	
			+P	15 11	59.2	-0.8																			
			LZ	M _s = 4.5		16.0	0.48																		
			eP	15 12	08.5	-0.8																			
DL2	41.2	352	PMZ		m _b = 4.7		1.0	0.013																	
			+iP	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
			PMZ		m _b = 5.3		1.6	0.076																	
TIY	42.2	341	pP	15 12	23.5	-1.1																			
			sP	15 12	27.5	-0.5																			
			LZ	M _s = 4.2		20.0	0.30																		
			P	15 12	24.8	-0.7																			
			eP	15 12	27.8	0.2																			
BJI	43.3	347	eP	15 12	27.6	-1.2																			
			PMZ		m _b = 4.7		1.0	0.013																	
			+P	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
SNY	43.9	355	PMZ		m _b = 5.3		1.6	0.076																	
			+iP	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
			PMZ		m _b = 5.3		1.6	0.076																	
LZH	44.2	331	pP	15 12	23.5	-1.1																			
			sP	15 12	27.5	-0.5																			
			LZ	M _s = 4.2		20.0	0.30																		
			P	15 12	24.8	-0.7																			
			eP	15 12	27.8	0.2																			
HHC	45.3	342	eP	15 12	27.6	-1.2																			
			PMZ		m _b = 4.7		1.0	0.013																	
			+P	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
BTO	45.6	341	PMZ		m _b = 5.3		1.6	0.076																	
			+P	15 12	17.0	0.3																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
			PMZ		m _b = 5.3		1.6	0.076																	
CN2	45.7	357	pP	15 12	23.5	-1.1																			
			sP	15 12	27.5	-0.5																			
			LZ	M _s = 4.2		20.0	0.30																		
			P	15 12	24.8	-0.7																			
			eP	15 12	27.8	0.2																			
LSA	47.4	315	eP	15 12	27.6	-1.2																			
			PMZ		m _b = 4.7		1.0	0.013																	
			+P	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
GTA	48.8	331	PMZ		m _b = 5.3		1.6	0.076																	
			+iP	15 12	13.6	-0.4																			
			PMZ		m _b = 5.2		0.8	0.028																	
			+P	15 12	17.0	0.3																			
			PMZ		m _b = 5.3		1.6	0.076																	
WMQ	58.2	327	pP	15 12	23.5	-1.1																			
			sP	15 12	27.5	-0.5																			
			LZ	M _s = 4.2		20.0	0.30																		
			P	15 12	24.8	-0.7																			
			eP	15 12	27.8	0.2																			
JUL 27d 10h 06m 36.4 ± 0.06s, SD1.78 / 43	1.93	N ± 1.90km, 90.37 W ± 2.23km, h5 ± 0.57km	Galapagos Islands region (696)	m _b 4.8 / 8,	BJI	131.7	333	ePKP	10 25	52.0	0.2														
								LZ	M _s = 5.4		20.0	0.72													
								ePKP	10 25	55.0	0.6														
								LZ	M _s = 5.4		28.0	0.89													
								ePKP	10 26	13.1	-2.3														



BTO	16.0	46	eP	24 02 03.5	-1.3		
TIY	16.3	59	+P	24 02 11.3	2.7		
			LE			$M_s=4.1$	8.0 0.34
			LZ			$M_s=4.4$	10.0 1.02
WHN	16.9	84	eP	24 02 14.0	-1.2		
HHC	17.1	48	P	24 02 21.6	2.7		
			PMZ			$m_b=4.6$	1.2 0.036
BJI	19.9	55	eP	24 02 52.0	0.3		
			PMZ			$m_b=4.4$	1.2 0.024
NJ2	20.6	79	eP	24 03 00.0	0.6		

						LZ	
SNY	148.5	335	+PKP	14 12 16.2	3.5		
HHC	153.0	351	ePKP	14 12 21.5	1.9		
BTO	153.4	353	ePKP	14 12 21.6	1.4		
GTA	154.2	11	-PKP	14 12 23.0	1.7		
TIY	155.9	348	ePKP	14 12 24.2	0.8		
TIA	155.9	338	ePKP	14 12 24.9	1.5		
LZH	158.1	5	ePKP	14 12 28.0	1.6		
XAN	160.0	353	PKP	14 12 30.4	1.9		

JUL 29d 01h 50m $08.0 \pm 0.04s$, SD1.64 / 53
 2.89 S $\pm 0.74km$, 129.45 E $\pm 1.05km$, h33 $\pm 0.05km$
 Seram (272)
 $m_b 5.1 / 14$,

GYA	36.6	324	P	01 57 14.6	1.5		
XAN	41.5	334	P	01 57 53.1	-1.2		
TIY	43.4	340	eP	01 58 09.4	-0.2		
HHC	46.5	341	eP	01 58 36.5	1.9		
GTA	50.1	330	eP	01 59 03.2	0.2		
			PMZ			$m_b=4.7$	1.0 0.010
			pP	01 59 11.2	-0.9		
WMQ	59.7	326	P	02 00 12.5	0.3		

JUL 29d 15h 05m $02.4 \pm 0.04s$, SD2.93 / 5
 21.47 N $\pm 0.40km$, 111.87 E $\pm 0.39km$, h20 $\pm 0.12km$
 Eastern China (664)
 $M_L 3.5 / 4$,

GZH	2.1	40	Pg	15 05 37.8	-1.9		
			SMN			$M_L=3.4$	0.8 0.42
			SME				0.8 0.22
QZN	3.1	218	Pn	15 05 51.4	0.8		
			Pg	15 06 01.5	4.5		
			Sg	15 06 42.8	3.6		
			SMN			$M_L=3.3$	0.5 0.10
			SME				0.6 0.10
GYA	6.9	317	ePg	15 07 05.0	0.9		

JUL 29d 03h 20m $15.1 \pm 0.05s$, SD2.11 / 28
 30.27 N $\pm 0.77km$, 94.81 E $\pm 0.48km$, h32 $\pm 0.15km$
 India-China border region (313)
 $m_b 4.4 / 7$,

LSA	3.2	261	ePn	03 21 06.8	2.3		
GYA	11.1	107	P	03 22 53.6	-1.4		
HHC	17.2	48	eP	03 24 17.0	2.0		

JUL 29d 15h 48m $05.2 \pm 0.04s$, SD1.88 / 68
 30.37 N $\pm 0.58km$, 94.77 E $\pm 0.46km$, h9 $\pm 0.07km$
 India-China border region (313)
 $M_s 4.0 / 6$, $M_L 4.4 / 2$, $m_b 4.5 / 20$

LSA	3.2	259	Pn	15 48 59.4	2.8		
			LE			$M_s=4.1$	6.0 2.42
CD2	7.8	84	ePn	15 50 03.0	4.2		
KMI	8.8	124	-P	15 50 14.5	-1.1		
			LN			$M_s=4.4$	4.0 0.34
			LE				4.0 0.68
LZH	9.5	51	eP	15 50 28.0	2.4		
			PMZ			$m_b=4.5$	2.0 0.039
			LN			$M_s=4.0$	6.0 0.46
			LZ			$M_s=3.8$	10.0 0.53
GTA	9.9	23	eP	15 50 30.0	-1.4		
			LE			$M_s=3.9$	9.0 0.51
			LZ			$M_s=3.9$	10.0 0.64
GYA	11.2	108	P	15 50 46.2	-2.4		
			PMZ			$m_b=4.7$	1.0 0.020
XAN	12.5	69	P	15 51 04.7	-2.2		
WMQ	14.5	339	eP	15 51 35.4	1.8		
BTO	16.1	46	eP	15 51 56.3	3.1		
TIY	16.4	59	eP	15 51 57.0	-0.1		
			LE			$M_s=3.8$	16.0 0.34
			LZ			$M_s=4.1$	13.0 0.72
HHC	17.2	48	eP	15 52 06.2	-1.2		
			PMZ			$m_b=4.2$	1.4 0.016
TIA	19.6	67	eP	15 52 39.0	2.7		
BJI	19.9	55	eP	15 52 41.5	1.0		
CN2	27.7	53	eP	15 53 56.0	-0.4		
			PMZ			$m_b=4.5$	1.0 0.010
			pP	15 54 06.4	4.8		
			LZ			$M_s=4.3$	14.0 0.60

JUL 29d 09h 28m $02.8 \pm 0.05s$, SD2.54 / 20
 60.44 S $\pm 1.35km$, 50.86 W $\pm 2.34km$, h31 $\pm 0.21km$
 Scotia Sea (150)
 $m_b 5.0 / 8$,

XAN	150.5	144	PKP	09 47 50.7	3.6		
GTA	152.1	126	-PKP	09 47 54.0	4.3		

JUL 29d 13h 52m $40.0 \pm 0.08s$, SD1.49 / 178
 14.15 S $\pm 1.09km$, 73.88 W $\pm 1.27km$, h98 $\pm 0.37km$
 Peru (116)
 $m_b 5.4 / 54$,

CN2	146.1	335	ePKP	14 12 08.6	-0.2		
WMQ	146.5	24	PKP	14 12 11.0	1.4		
			pPKP	14 12 38.5	3.2		
			PP	14 15 37.5	0.4		

JUL 29d 16h 14m $45.2 \pm 0.04s$, SD2.85 / 7
 29.96 N $\pm 0.75km$, 94.82 E $\pm 0.34km$, h5 $\pm km$
 India-China border region (313)

LSA	3.2	266	Pn	16 15 37.6	0.6		
GYA	11.0	106	eP	16 17 25.6	-1.4		
TIY	16.5	57	eP	16 18 40.4	0.5		

JUL 29d 16h 21m $04.7 \pm 0.07s$, SD1.44 / 14
 6.21 N $\pm 0.79km$, 127.34 E $\pm 2.24km$, h63 $\pm 0.79km$
 Mindanao (259)

m _b 5.1 / 6,						
XAN	32.5	331	P	16 27 31.0	-1.2	
TIY	34.2	339	eP	16 27 46.0	-0.4	
BJI	35.1	345	eP	16 27 55.0	0.3	

			pP	05 19 37.5	-0.7	
			LE	M _S =5.0	12.0	4.59
			LZ	M _S =4.8	12.0	3.61
BJI	15.9	313	eP	05 19 50.5	3.4	
			PMZ	m _b =4.8	1.5	0.070
			PMZ	m _B =4.9	12.0	0.60
			LN	M _S =5.3	14.0	4.60
			LE		13.0	7.20
			LZ	M _S =5.3	14.0	12.6

JUL 29d 23h 51m 06.3±0.03s, SD1.99 / 14
30.02 N±0.26km, 101.70 E±0.31km, h10±0.03km
Sichuan Province (307)
M_L3.4 / 10,

CD2	2.0	63	Pg	23 51 42.3	0.8	
			Sg	23 52 09.4	0.8	
			SME	M _L =3.5	0.4	0.38
			LN		8.0	3.37
KMI	4.9	169	ePn	23 52 24.5	3.4	
			Sn	23 53 23.0	2.8	
			SMN		2.0	0.080
			SME		2.0	0.040
GYA	5.6	128	Pn	23 52 32.0	1.4	
			Sn	23 53 36.8	-0.6	
			SMN	M _L =3.1	1.0	0.0030
			SME		1.0	0.030
XAN	7.3	55	Pn	23 52 55.7	2.0	
			Pg	23 53 17.5	1.9	
			Sg	23 54 55.5	-0.2	
			SMN	M _L =3.7	1.0	0.030
			SME		1.0	0.030

TIY	17.4	301	eP	05 20 06.4	-0.2	
			LN	M _S =5.2	13.0	3.09
			LE		13.0	4.68
			LZ	M _S =5.1	15.0	7.57
HHC	19.3	309	eP	05 20 29.8	0.0	
			sP	05 20 36.0	-5.6	
			LN	M _S =5.2	14.0	3.24
			LE		13.0	4.13
			LZ	M _S =5.3	14.0	9.59
XAN	19.4	288	P	05 20 28.5	-1.8	
			LN	M _S =5.1	14.0	4.00
			LE		14.0	2.40
BTO	20.2	307	eP	05 20 40.3	0.3	
			LN	M _S =5.2	14.0	2.80
			LE		15.0	4.70
GYA	22.0	267	-P	05 20 57.0	-0.6	
			PMZ	m _b =5.1	1.4	0.13
			pP	05 21 07.0	1.0	
			PP	05 21 20.0	-2.8	
			LN	M _S =5.2	12.0	3.50
			LE		12.0	2.10
			LZ	M _S =4.6	18.0	2.10

JUL 30d 05h 16m 04.3±0.04s, SD1.38 / 120
30.05 N±0.79km, 131.27 E±0.63km, h31±0.18km
Ryukyu Islands (238)
M_S5.1 / 39, M_L4.1 / 1, m_B5.0 / 6,

SSE	8.8	279	P	05 18 12.7	0.8	
			PMZ	m _b =5.0	1.0	0.049
			S	05 19 45.0	-5.4	
			SMN	M _L =4.1	1.4	0.051
			SME		1.5	0.024
			LN	M _S =4.9	14.0	4.35
			LE		13.0	7.52
			LZ	M _S =4.6	20.0	6.52
NJ2	10.8	284	-P	05 18 39.0	-1.5	
			sS	05 20 52.0	-0.7	
			LN	M _S =4.8	11.0	1.33
			LE		13.0	3.92
			LZ	M _S =4.6	16.0	4.66
DL2	11.9	321	eP	05 18 55.0	0.3	
			PMZ	m _B =5.5	6.0	0.57
			sS	05 21 16.0	-2.2	
			LN	M _S =5.0	14.0	4.46
			LE		13.0	5.75
			LZ	M _S =4.8	15.0	5.22
SNY	13.3	334	eP	05 19 12.6	-1.1	
			sP	05 19 25.8	0.5	
			eS	05 21 36.0	-5.5	
			LN	M _S =5.0	13.0	5.17
			LE		11.5	2.31
			LZ	M _S =5.1	16.0	11.1
TIA	13.3	301	-P	05 19 15.9	1.5	
			PMZ	m _b =4.7	1.0	0.014
			LN	M _S =4.8	12.0	2.90
			LZ	M _S =5.1	14.0	8.30
CN2	14.5	343	+P	05 19 30.0	0.7	
			PMZ	m _b =5.5	1.0	0.080
			pP	05 19 35.0	-1.3	
			sS	05 22 17.0	-3.9	
			LN	M _S =5.1	12.0	5.70
			LE		12.0	2.30
			LZ	M _S =5.5	14.0	23.0
WHN	14.6	276	eP	05 19 32.0	0.9	

QZN	22.3	245	eP	05 21 02.0	0.9	
			sS	05 25 14.0	0.2	
			SMN		17.0	1.80
			SME		17.0	1.50
LZH	23.7	292	eP	05 21 13.5	-1.4	
			PMZ	m _b =4.7	2.0	0.063
			PMZ	m _B =4.7	10.0	0.32
			pP	05 21 25.5	2.1	
			sP	05 21 30.5	3.2	
			PP	05 21 47.5	0.0	
			eS	05 25 24.0	-1.1	
			sS	05 25 44.0	5.2	
			LE	M _S =5.2	14.0	4.44
			LZ	M _S =5.2	16.0	6.81
KMI	25.7	266	+iP	05 21 34.0	-0.1	
			sS	05 26 16.0	3.1	
			LN	M _S =5.0	11.0	0.72
			LE		12.0	1.78
			LZ	M _S =5.1	14.0	3.40
GTA	27.4	298	eP	05 21 48.0	-1.4	
			pP	05 21 56.0	-1.9	
			sP	05 22 01.0	-0.8	
			sS	05 26 38.0	-2.3	
			LE	M _S =5.3	12.5	3.87
			LZ	M _S =5.3	14.0	4.98
WMQ	37.0	304	P	05 23 12.5	-1.0	
			PMZ	m _b =4.9	1.5	0.030
			pP	05 23 21.8	-0.5	
			LN	M _S =5.1	13.0	1.49
			LZ	M _S =5.0	16.0	1.97

JUL 30d 09h 39m 39.3±0.03s, SD0.96 / 188
18.91 N±0.56km, 145.21 E±0.60km, h595±0.17km
Marianas (216)
m_b4.9 / 66,

SSE	24.9	304	-P	09 44 17.5	-1.0	
			PMZ	m _b =4.5	1.0	0.012

LZH	76.8	313	cP	13 46 06.5	1.2	1.5	0.034
			PMZ	$m_b = 5.0$			
			pP	13 46 19.5	2.8		
			sP	13 46 24.0	2.4		
			LZ	$M_s = 4.6$	20.0		
GTA	81.2	314	P	13 46 30.0	1.1		
			pP	13 46 35.0	-5.5		
			sP	13 46 43.0	-2.2		