

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)	
APR 1d 00h 46m 48.5 \pm 0.05s, SD1.42 / 204 35.83 N \pm 1.09km, 70.77 E \pm 0.56km, h75 \pm 0.12km Hindu Kush region (718) M _S 4.4 / 1, m _b 5.0 / 69,																
KSH	5.5	46	eP	00 48 13.0	3.1			MDJ	22.3	338	ScS	16 28 35.0	0.5			
			S	00 49 15.5	3.3						LE			10.0	0.56	
			SMN			0.9	1.52				LZ			16.0	0.60	
			SME			0.6	1.00				+P	16 17 46.0	0.2			
WMQ	15.2	53	-iP	00 50 18.5	-2.5						PMZ		m _b = 5.0	1.2	0.050	
			PMZ		m _b = 4.7	1.0	0.030				sP	16 18 46.0	-3.6			
			sP	00 50 48.0	4.4						PcP	16 21 36.5	1.2			
			S	00 53 10.0	2.4						IS	16 21 36.0	3.3			
			LN		M _S = 4.4	5.0	0.48				SME			7.0	1.06	
LSA	18.2	104	P	00 50 56.8	-1.2			SNY	22.8	324	SS	16 22 38.0	-4.2			
GTA	23.2	72	eP	00 51 52.0	1.8						ScS	16 28 36.0	0.5			
LZH	26.7	80	eP	00 52 24.0	0.9						-P	16 17 50.0	-0.3			
			PMZ		m _b = 4.7	1.5	0.029				PMZ		m _b = 5.9	0.6	0.20	
			eS	00 56 50.0	-1.6						PMZ		m _b = 5.2	10.0	0.74	
CD2	27.9	91	eP	00 52 38.7	4.8						S	16 21 46.0	6.3			
BTO	31.0	69	eP	00 53 02.0	0.3						SMN			9.0	1.66	
XAN	31.2	82	P	00 53 03.2	0.0						SS	16 22 55.0	2.5			
GYA	32.0	97	P	00 53 10.6	0.7						LN			13.0	1.03	
HHC	32.2	69	eP	00 53 12.0	0.2						LE			11.0	1.36	
TIY	33.2	74	eP	00 53 20.1	-0.8						+P	16 17 55.4	0.0			
BJI	35.8	69	eP	00 53 43.0	0.5						PMZ		m _b = 5.4	1.0	0.10	
			PMZ		m _b = 4.7	1.2	0.016				sP	16 18 59.0	-0.5			
WHN	36.6	86	eP	00 53 51.0	1.3						PcP	16 21 36.6	-0.7			
			sP	00 54 17.0	0.2						eS	16 21 52.0	2.5			
NJ2	39.8	81	-P	00 54 17.0	1.2						SMN			7.0	0.90	
DL2	40.1	70	eP	00 54 19.0	0.2						SME			7.0	0.70	
			esP	00 54 52.0	6.0						ScP	16 24 53.6	-0.3			
SNY	41.0	65	-P	00 54 26.3	-0.1						ScS	16 28 40.0	0.8			
SSE	42.0	81	+P	00 54 35.5	1.6						+P	16 18 01.4	0.6			
			PMZ		m _b = 4.9	1.0	0.020				LE			14.0	0.53	
			sP	00 55 02.5	1.4						WHN	24.6	290	+iP	16 18 08.5	0.8
CN2	42.1	62	P	00 54 34.4	-0.6						PMZ		m _b = 5.5	0.8	0.11	
MDJ	44.9	60	eP	00 54 57.0	-0.8						pP	16 18 47.0	-0.7			
APR 1d 16h 13m 04.9 \pm 0.03s, SD1.19 / 241 24.40 N \pm 0.73km, 141.25 E \pm 0.62km, h208 \pm 0.13km Volcano Islands region (213) m _b 5.5 / 6, m _b 5.4 / 85,																
SSE	19.0	295	-iP	16 17 13.5	0.9						S	16 22 12.8	2.1			
			PMZ		m _b = 6.2	0.9	0.70				SME			8.0	0.94	
			sP	16 18 08.0	-4.0						+P	16 18 17.2	0.6			
			LN			12.0	0.56				eS	16 22 22.0	-5.1			
			LZ			16.0	0.44				sS	16 23 44.0	5.2			
QZH	20.6	276	+iP	16 17 29.0	-0.2						eP	16 18 21.5	-1.0			
			PMZ		m _b = 5.7	0.6	0.16				PMZ		m _b = 5.4	0.8	0.078	
			sP	16 18 30.0	-1.8						epP	16 19 02.0	-1.3			
			S	16 21 06.5	4.5						eS	16 22 36.0	-1.6			
			SS	16 22 00.0	-2.0						ScP	16 25 03.5	1.4			
NJ2	21.1	296	+iP	16 17 35.5	1.0						eScS	16 28 53.0	1.9			
			PMZ		m _b = 6.2	0.8	0.60				LN			11.0	0.58	
			PMZ		m _b = 5.9	4.0	1.37				TIY	27.9	305	+P	16 18 38.0	0.0
			sP	16 18 35.0	-2.7						pP	16 19 20.0	0.7			
			iS	16 21 18.0	5.8						PP	16 19 34.0	-3.1			
			iScP	16 24 49.0	0.5						S	16 23 07.5	3.3			
DL2	22.0	316	P	16 17 43.6	0.4						sS	16 24 18.0	-0.3			
			PMZ		m _b = 6.0	1.0	0.41				LN			14.0	0.47	
			PMZ		m _b = 5.5	5.0	0.72				LZ			14.0	0.83	
			eS	16 21 29.0	1.0						QZN	29.6	266	eP	16 18 53.8	0.6
			SMN			8.0	3.57				eS	16 23 33.5	1.2			
			ScP	16 24 51.0	0.3						SS	16 25 24.0	-1.0			
											LN			14.5	1.14	
											XAN	29.7	296	+iP	16 18 53.5	-0.5
											PMZ		m _b = 5.8	0.5	0.11	
											S	16 23 33.0	0.4			
											sP	16 19 56.0	-3.8			
											LN			13.0	0.58	
											HHC	29.7	311	+iP	16 18 53.5	-0.6
											PMZ		m _b = 5.8	0.8	0.17	
											pP	16 19 35.0	-0.8			

APR 2d 13h 56m 34.5 ± 0.06s, SD1.40 / 166 32.59 S ± 0.99km, 72.09 W ± 0.32km, h39 ± 0.52km Off coast of Central Chile (134) M _s 5.9 / 26, m _b 5.8 / 10, m _p 5.5 / 17									
MDJ	159.3	312	ePKP	14 16 29.5	-0.1				
			pPKP	14 16 40.0	-0.7				
			PKP2	14 17 07.0	-1.0				
			PP	14 20 50.0	-0.1				
			LZ	M _s =5.9	20.0	1.49			
WMQ	160.6	49	PKP	14 16 33.0	2.0				
			PKP2	14 17 12.0	-1.7				
			PP	14 20 56.0	-1.5				
			LZ	M _s =6.0	25.0	2.77			
CN2	162.3	314	+PKP	14 16 31.0	-1.6				
			pPKP	14 16 43.0	-0.7				
			PKP2	14 17 21.0	0.1				
			ePP	14 21 02.0	-4.0				
			eSS	14 41 20.0	-0.9				
			LN	M _s =5.8	17.0	0.70			
			LE		17.0	0.20			
			LZ	M _s =5.6	20.0	0.90			
SNY	164.5	311	+iPKP	14 16 33.0	-1.8				
			PKP2	14 17 30.0	-0.6				
			PP	14 21 19.0	0.8				
			LZ	M _s =5.4	24.0	0.58			
LSA	165.4	97	ePKP	14 16 37.2	1.1				
			PKP	14 16 37.0	2.7				
			sPKP	14 16 55.0	3.8				
			PKP2	14 17 34.0	-0.3				
			PP	14 21 23.0	0.6				
			PPMZ	m _b =5.8	7.0	0.71			
QZN	166.4	188	PKP	14 16 40.0	3.5				
			sPKP	14 16 56.0	4.0				
			PP	14 21 33.0	5.5				
			SS	14 42 09.5	6.7				
			LN	M _s =6.1	20.0	2.07			
DL2	167.2	303	ePKP	14 16 37.0	0.0				
			ePP	14 21 36.0	4.4				
			eSS	14 42 10.0	-1.0				
			LZ	M _s =5.4	24.0	0.65			
QZH	167.9	234	PKP	14 16 37.0	-0.5				
			PKP2	14 17 48.0	2.5				
			PP	14 21 38.0	2.7				
			SKKS	14 28 20.0	3.5				
			LE	M _s =5.7	14.0	0.58			
SSE	168.6	266	PKP	14 16 36.0	-1.9				
			PP	14 21 40.0	1.3				
			PPMZ		1.0	0.47			
			SKKS	14 28 20.0	0.1				
			eSS	14 42 20.0	-5.1				
			LN	M _s =5.9	20.0	0.99			
			LE		20.0	0.86			
			LZ	M _s =5.6	20.0	0.92			
GZH	169.4	208	ePKP	14 16 40.0	1.7				
BJI	170.0	320	ePKP	14 16 39.0	0.3				
			ePP	14 21 44.0	-1.7				
			eSKKS	14 28 28.0	1.1				
			eSS	14 42 38.0	-1.2				
			LZ	M _s =5.9	18.0	1.47			
GTA	170.6	42	ePKP	14 16 40.4	1.2				
			PKP2	14 17 56.0	-1.1				
			PP	14 21 47.0	-1.4				
			SKKS	14 28 30.0	0.4				
			SS	14 42 41.0	-2.9				
			LE	M _s =5.6	16.0	0.59			
			LZ	M _s =5.6	22.0	0.93			
NJ2	170.7	270	ePKP	14 16 38.0	-1.2				
			PP	14 21 49.0	-0.2				
HHC	171.3	341	ePKP	14 16 41.0	1.4				
			PP	14 21 54.5	2.6				
			SKKS	14 28 39.0	5.9				
			SS	14 42 48.0	-2.4				
			LN	M _s =6.0	17.0	1.45			
			LE		12.0	0.47			
KMI	171.3	147	PKP	14 16 40.0	0.2				
			PKP2	14 17 56.0	-4.5				
			LN	M _s =6.0	20.0	0.90			
			LE		20.0	1.40			
			LZ	M _s =5.5	25.0	1.00			
TIA	171.6	298	PKP	14 16 40.8	1.1				
			PKP2	14 18 02.4	0.8				
			LE	M _s =5.8	18.0	1.00			
BTO	171.8	349	PKP	14 16 40.0	0.0				
			pPKP	14 16 51.0	0.0				
			PKP2	14 18 05.0	2.2				
			LN	M _s =6.0	19.0	1.10			
			LE		19.0	1.30			
TIY	173.7	325	PKP	14 16 42.0	1.2				
			PP	14 22 02.0	-2.1				
			SS	14 43 16.5	2.4				
			LN	M _s =6.0	18.0	1.45			
			LE		18.0	1.07			
			LZ	M _s =6.0	18.0	2.31			
GYA	173.8	170	PKP	14 16 44.0	3.1				
			pPKP	14 16 54.0	2.0				
			PKP2	14 18 12.4	0.9				
			PP	14 22 02.0	-2.6				
			LN	M _s =5.8	22.0	1.50			
WHN	174.1	251	ePKP	14 16 39.5	-1.3				
			sPKP	14 16 56.0	-0.4				
			PKP2	14 18 12.8	-0.2				
			ePP	14 22 10.8	4.5				
			SKKS	14 28 51.0	4.5				
			LN	M _s =5.6	18.0	0.80			
			LZ	M _s =5.4	20.0	0.75			
LZH	175.2	43	PKP	14 16 42.0	0.7				
			PP	14 22 09.0	-2.4				
			PPMZ		18.0	0.80			
			SKKS	14 28 54.0	2.4				
			SS	14 43 28.0	-0.5				
			LN	M _s =5.6	20.0	0.98			
			LZ	M _s =5.8	20.0	1.72			
CD2	176.1	114	ePKP	14 16 42.2	0.8				
XAN	178.3	330	PKP	14 16 41.2	-0.6				
			sPKP	14 16 56.0	-1.2				
			PKP2	14 18 28.0	-3.5				
			sPKP2	14 18 47.0					
			PP	14 22 23.0	-3.2				
			SKKS	14 29 04.0	-2.5				
			LN	M _s =5.5	14.0	0.69			
APR 2d 14h 41m 46.8 ± 0.03s, SD0.95 / 69 49.31 N ± 1.07km, 156.28 E ± 0.77km, h31 ± 0.26km Kurile Islands (221) m _b 4.8 / 35,									
MDJ	18.8	266	eP	14 46 04.7	-1.2				
			PMZ	m _b =4.4	1.0	0.020			
CN2	21.8	267	+P	14 46 37.0	-1.4				
NJ2	32.8	252	-P	14 48 20.0	0.3				
WHN	36.6	255	-iP	14 48 53.5	0.8				
			PMZ	m _b =5.2	0.8	0.030			
LZH	40.0	271	eP	14 49 19.0	-1.5				
GTA	40.7	278	-P	14 49 25.9	-0.8				
WMQ	46.0	290	P	14 50 09.8	0.2				
KMI	47.8	260	P	14 50 24.5	0.8				

LSA	64.7	307	LN	$M_s=5.4$	12.0	1.06	GYA	30.5	101	P	17 42 30.0	2.7			
			LZ	$M_s=5.1$	20.0	1.26	TIY	31.3	77	eP	17 42 35.8	1.4			
WMQ	73.1	319	P	07 43 57.0	-0.6					S	17 47 43.0	4.9			
			pP	07 44 24.0	4.8					LN	$M_s=4.4$	16.0	0.52		
			S	07 52 26.0	-1.9					LZ	$M_s=4.4$	20.0	0.75		
			SMN			8.0	0.85	BJI	33.7	71	eP	17 42 54.5	-1.3		
			P	07 44 48.0	-1.0			WHN	34.9	88	eP	17 43 05.0	-0.4		
			PMZ			3.0	1.03				pP	17 43 12.5	0.2		
			pP	07 45 10.5	-0.9										
			iS	07 54 08.0	-0.7										
			SMN			7.0	1.72								
			sS	07 54 48.0	0.6										
KSH	79.8	312	LN	$M_s=5.5$	12.0	0.78	APR 3d 18h 29m $37.4 \pm 0.04s$, $SD2.82 / 7$ $31.92 N \pm 0.38km$, $104.20 E \pm 0.47km$, $h22 \pm 0.21km$ Sichuan Province (307) $M_L3.2 / 5$,								
			LE		12.0	0.54	CD2	1.1	201	Pg	18 29 56.6	-0.2			
			LZ	$M_s=5.2$	20.0	1.44				P11	18 29 58.2	-0.1			
			P	07 45 27.5	0.7					Sg	18 30 13.0	1.4			
			S	07 55 19.0	-1.0					S11	18 30 17.0	2.5			
			SMN			8.0	1.70				SMN	$M_L=3.2$	0.5	0.50	
			sS	07 56 04.0	3.1					SME		0.5	0.49		
			LZ	$M_s=5.6$	25.0	3.40	LZH	4.2	356	Pn	18 30 43.0	2.5			
										Pg	18 30 57.5	6.4			
										Sg	18 31 47.5	-0.6			
APR 3d 17h 27m $03.3 \pm 0.09s$, $SD2.61 / 28$ $29.16 N \pm 1.31km$, $129.42 E \pm 1.48km$, $h40 \pm 0.33km$ Ryukyu Islands (238) $M_s4.0 / 1$, $m_b4.8 / 11$,															
NJ2	9.6	290	+P	17 29 19.0	-2.5		APR 3d 20h 04m $36.5 \pm 0.04s$, $SD1.33 / 79$ $22.20 S \pm 1.00km$, $174.23 E \pm 0.84km$, $h33 \pm 0.03km$ Loyalty Islands region (189) $m_b5.1 / 6$,								
CN2	14.9	349	+P	17 30 32.2	-1.6		WHN	77.8	310	eP	20 16 33.5	0.5			
BJI	15.4	318	eP	17 30 38.5	-0.7					sP	20 16 46.5	0.1			
			LZ	$M_s=4.1$	18.0	0.88	MDJ	78.0	329	eP	20 16 33.5	-0.6			
TIY	16.5	305	eP	17 30 55.2	1.1		CN2	79.5	326	+P	20 16 42.2	0.1			
			LN	$M_s=4.0$	12.0	0.42	BJI	82.2	319	eP	20 16 57.0	0.5			
XAN	18.1	291	P	17 31 13.1	-0.9		TIY	83.2	315	eP	20 17 00.5	-1.2			
GYA	20.3	268	P	17 31 41.0	2.1		XAN	83.6	311	P	20 17 03.7	0.1			
CD2	22.3	281	eP	17 31 58.2	-0.6		KMI	83.8	300	eP	20 17 04.5	-0.5			
GTA	26.4	301	eP	17 32 35.2	-3.4		LZH	88.2	310	eP	20 17 26.0	-0.4			
			PMZ	$m_b=4.4$	1.0	0.010				PMZ	$m_b=5.1$	1.5	0.025		
APR 3d 17h 36m $12.9 \pm 0.05s$, $SD2.05 / 87$ $37.08 N \pm 0.95km$, $72.89 E \pm 0.71km$, $h19 \pm 0.13km$ Afghanistan-USSR border region (717) $M_s4.4 / 8$, $M_L5.0 / 2$, $m_b5.2 / 1$,															
KSH	3.4	44	-iPg	17 37 12.5	-0.8		APR 3d 22h 02m $36.5 \pm 0.04s$, $SD1.66 / 244$ $43.44 N \pm 0.55km$, $17.41 E \pm 0.42km$, $h10 \pm 0.06km$ Adriatic Sea (382) $m_b4.9 / 14$,								
			SMN	$M_L=5.1$	1.4	8.40	KSH	43.2	74	P	22 10 41.5	1.1			
			SME		1.2	3.10	WMQ	49.4	64	P	22 11 28.5	-0.8			
WMQ	13.1	55	P	17 39 19.8	-1.7					eS	22 18 36.5	0.9			
			S	17 41 51.0	3.5		LSA	59.0	77	P	22 12 38.0	-1.8			
			LZ	$M_s=4.3$	12.0	1.42	GTA	59.5	63	-P	22 12 41.8	-1.1			
LSA	16.9	110	P	17 40 08.0	-3.1					PMZ	$m_b=4.8$	0.8	0.010		
GTA	21.2	75	+P	17 41 01.5	0.8		LZH	64.0	64	P	22 13 12.0	-1.3			
			PMZ	$m_b=5.0$	1.2	0.080				PMZ	$m_b=5.0$	1.5	0.030		
			LE	$M_s=4.4$	10.0	0.63	CD2	67.0	69	eP	22 13 31.6	-1.2			
			LZ	$M_s=4.3$	12.0	0.66	TIY	68.5	58	eP	22 13 40.0	-1.9			
LZH	24.8	83	eP	17 41 37.5	1.5					LZ	$M_s=4.5$	15.0	0.24		
			PMZ	$m_b=4.9$	2.5	0.12	XAN	68.5	63	P	22 13 40.8	-1.4			
			PMZ	$m_b=5.2$	4.0	0.32	BJI	69.3	54	eP	22 13 45.0	-1.7			
			pP	17 41 46.5	4.1		KMI	69.9	74	-P	22 13 49.0	-1.9			
			PP	17 42 18.0	6.0		GYA	71.8	71	P	22 14 00.8	-1.4			
			eS	17 45 58.0	2.6		CN2	72.0	46	-P	22 14 02.0	-1.1			
			LE	$M_s=4.2$	11.0	0.34	APR 3d 22h 57m $00.9 \pm 0.07s$, $SD1.59 / 343$ $11.49 N \pm 1.03km$, $86.23 W \pm 1.05km$, $h53 \pm 0.34km$								
			LZ	$M_s=4.3$	18.0	0.73									
CD2	26.3	94	eP	17 41 50.4	1.2										
KMI	28.1	107	eP	17 42 10.5	4.4										
BTO	29.0	71	eP	17 42 15.0	0.8										
			epP	17 42 25.0	4.1										
			eS	17 47 04.0	0.7										
			LN	$M_s=4.9$	15.0	0.80									
			LE		15.0	1.30									
XAN	29.4	85	P	17 42 18.0	0.6										



Off coast of Costa Rica (77)				LN $M_s=7.3$									
$M_s=7.0/40, m_b=6.1/12, m_b=5.4/48$				LE $M_s=7.3$									
DL2	123.5	334	-PKP	23 15 54.0	0.7	WHN	133.8	335	+PKP	23 16 14.5	1.6	24.0	26.5
			PP	23 17 38.0	-1.1				PP	23 18 44.0	-1.7	23.0	21.4
			PPMZ		$m_b=6.1$	8.0	1.00		PPMZ		$m_b=6.4$	10.0	2.02
			LN		$M_s=6.7$	18.0	7.70		PKS	23 19 48.0	1.5		
			LZ		$M_s=6.7$	22.0	18.9		LN		$M_s=6.9$	20.0	7.55
BJI	124.7	339	ePKP	23 15 56.0	0.6				LE			20.0	9.48
			ePP	23 17 40.0	-6.2				LZ		$M_s=6.4$	28.0	9.70
			PPMZ			24.0	2.61	QZH	136.4	326	PKP	23 16 18.5	0.7
			eSS	23 34 40.0	6.7				PP	23 19 01.0	-0.9		
			LN		$M_s=7.0$	28.0	19.1		SKS	23 23 24.0	4.2		
			LE			28.0	14.8		SS	23 36 54.0	-2.8		
			LZ		$M_s=6.9$	28.0	39.0		LE		$M_s=6.9$	22.0	12.8
WMQ	124.7	5	PKP	23 15 56.5	0.9				LZ		$M_s=6.5$	23.0	9.10
			PP	23 17 40.0	-6.3			CD2	136.8	347	ePKP	23 16 19.6	1.1
			PPMZ		$m_b=5.9$	12.0	1.06		PKS	23 19 52.0	0.0		
			SKKS	23 24 36.0	4.1			LSA	139.0	3	+PKP	23 16 25.0	2.1
			SS	23 34 40.0	6.6				sPKP	23 16 38.0	-5.7		
			LZ		$M_s=6.8$	30.0	33.0		PPMZ		$m_b=6.1$	8.0	0.85
HHC	125.4	343	PKP	23 15 58.0	1.0				LN		$M_s=6.5$	27.0	5.96
			PP	23 17 48.0	-2.9			GYA	140.3	342	PKP	23 16 26.6	1.7
			SKS	23 23 05.0	4.7				PP	23 19 26.0	0.2		
			LN		$M_s=7.1$	24.0	23.6		PKS	23 20 02.0	4.0		
			LE			18.0	6.60		LN		$M_s=6.9$	20.0	9.90
BTO	126.0	345	PKP	23 15 59.0	0.8				LE			20.0	7.90
			PP	23 17 53.0	-2.5				LZ		$M_s=6.6$	32.0	17.2
			eSKS	23 23 07.0	5.6			GZH	140.7	331	PKP	23 16 26.0	0.5
			LN		$M_s=7.0$	19.0	12.5		PP	23 19 26.0	-2.2		
			LE			18.0	11.1		PPMZ		$m_b=6.4$	10.0	2.36
KSH	126.6	17	PKP	23 16 01.0	1.6				LN		$M_s=6.9$	20.0	7.70
			PP	23 17 59.0	0.2				LE			22.0	8.50
			eSKKS	23 24 51.0	6.6				LZ		$M_s=6.5$	24.0	10.7
			LN		$M_s=7.2$	22.0	28.5	KMI	142.6	347	+PKP	23 16 26.0	-3.0
			LZ		$M_s=6.9$	22.0	29.5		PP	23 19 36.0	-3.5		
TIA	127.7	336	ePKP	23 16 01.8	0.5				PPMZ		$m_b=6.3$	7.0	1.20
			ePP	23 18 03.0	-3.1				LN		$M_s=7.0$	28.0	17.4
			PPMZ			25.0	2.67		LE			20.0	9.80
			LN		$M_s=6.8$	32.0	16.8	QZN	145.8	332	PKP	23 16 35.0	0.6
TIY	128.0	341	-PKP	23 16 04.0	2.0				pPKP	23 16 49.5	0.3		
			PP	23 18 04.0	-4.4				PP	23 19 58.0	-0.8		
			LN		$M_s=7.1$	22.0	22.0		LE		$M_s=7.1$	25.0	22.5
			LZ		$M_s=6.9$	24.0	30.2	APR 3d 23h 12m $14.5 \pm 0.04s$, SD1.56 / 203					
GTA	129.1	354	PKP	23 16 05.2	1.1			11.50 N $\pm 1.09km$, 86.32 W $\pm 1.04km$, $h_{63} \pm 0.14km$					
			PP	23 18 10.0	-5.6			Near coast of Nicaragua (74)					
			LN		$M_s=7.0$	22.0	18.4	$M_s=6.9/13, m_b=6.0/1, m_b=5.1/36$					
			LZ		$M_s=6.7$	25.0	19.6	CN2	117.8	334	ePKP	23 30 56.0	1.5
SSE	130.1	329	+PKP	23 16 07.6	1.6			SNY	120.2	334	ePKP	23 30 57.3	-1.9
			sPKP	23 16 24.0	-3.3			DL2	123.5	334	ePKP	23 31 06.0	0.5
			PP	23 18 20.0	-2.2				LN		$M_s=6.5$	18.0	5.75
			PPMZ			20.0	2.76	BJI	124.6	339	ePKP	23 31 09.0	1.3
			LN		$M_s=6.9$	22.0	6.62	WMQ	124.7	5	PKP	23 31 09.0	1.1
			LE			22.0	13.8		PP	23 32 56.5	-2.2		
			LZ		$M_s=6.5$	22.0	9.99	HHC	125.3	343	ePKP	23 31 11.1	1.9
NJ2	130.5	332	+PKP	23 16 08.0	1.3			BTO	126.0	345	ePKP	23 31 12.4	2.0
			PP	23 18 30.0	5.4			KSH	126.6	17	PKP	23 31 14.0	2.3
			LZ		$M_s=6.4$	28.0	10.7		ePP	23 33 16.0	4.7		
LZH	131.7	349	PKP	23 16 11.0	1.8			TIY	128.0	341	ePKP	23 31 15.0	0.7
			PP	23 18 33.0	0.3			GTA	129.0	354	-PKP	23 31 17.2	0.9
			PKS	23 19 40.0	-2.8			SSE	130.1	329	PKP	23 31 19.8	1.6
			SKS	23 23 17.0	5.2			NJ2	130.4	332	-PKP	23 31 20.0	1.2
			SS	23 36 02.0	1.1			LZH	131.7	349	PKP	23 31 23.5	2.0
			LN		$M_s=7.1$	20.0	19.6		PP	23 33 46.0	1.1		
			LE			19.0	6.60	XAN	132.4	343	PKP	23 31 24.0	1.2
			LZ		$M_s=6.9$	23.0	27.7	WHN	133.7	335	ePKP	23 31 27.0	1.9
XAN	132.5	343	PKP	23 16 11.2	0.7			CD2	136.7	347	PKP	23 31 31.6	0.8
			PP	23 18 35.5	-1.7				LN		$M_s=7.0$	20.0	14.7
			PKS	23 19 48.0	3.8								

		SMN		1.4	0.40			34.5	314	P	00 28 02.0	0.5		
		SME		1.4	0.20					PcP	00 30 36.0	0.1		
		LN	$M_s=4.9$	9.0	2.50	WMQ				eS	00 33 30.0	0.5		
		LE		9.0	0.90					LE	$M_s=4.9$	12.0	1.08	
		LZ	$M_s=4.6$	12.0	2.10					LZ	$M_s=4.9$	15.0	1.73	
DL2	15.3	359	eP	00 24 50.0	1.7			KSH	41.8	303	P	00 29 04.0	1.5	
			PMZ	$m_b=5.1$	1.0	0.090					eS	00 35 21.0	0.9	
			LN	$M_s=4.6$	12.0	1.56					LE	$M_s=4.9$	12.0	0.80
			LZ	$M_s=4.3$	14.0	1.13								
XAN	15.4	316	P	00 24 50.2	0.4			APR 5d 09h 56m $37.1 \pm 0.05s$, SD2.58 / 23						
			S	00 27 41.0	0.5			35.52 N $\pm 0.77km$, 73.69 E $\pm 0.67km$, $h_9 \pm 0.16km$						
			LN	$M_s=5.2$	4.5	2.10		North-Western Kashmir (720)						
			LE		4.5	1.10		$M_L 3.7 / 3$, $m_b 5.2 / 9$,						
TIY	16.3	332	+P	00 25 04.0	3.2			KSH	4.4	23	Pg	09 57 57.0	2.7	
			LN	$M_s=4.9$	11.0	2.66					Sn	09 58 42.5	5.5	
			LZ	$M_s=4.3$	12.0	0.96					SMN	$M_L=3.9$	0.5	0.20
BJI	17.1	345	eP	00 25 14.0	2.4						SME		0.5	0.20
			PMZ	$m_b=4.4$	1.0	0.018		WMQ	13.6	48	eP	09 59 49.6	-3.3	
			eS	00 28 24.0	3.1						SS	10 02 42.0	2.0	
			esS	00 28 32.0	3.6			GTA	21.1	72	+P	10 01 25.2	0.7	
			LN	$M_s=4.5$	12.0	1.29					PMZ	$m_b=5.2$	1.0	0.10
KMI	17.5	279	-P	00 25 21.0	4.4			CD2	25.5	92	eP	10 02 10.9	2.9	
			eS	00 28 33.0	3.0									
			LN	$M_s=4.9$	10.0	1.10		APR 5d 12h 39m $50.9 \pm 0.06s$, SD2.51 / 14						
			LE		10.0	2.20		26.11 N $\pm 0.52km$, 100.86 E $\pm 0.51km$, $h_5 \pm 0.28km$						
			LZ	$M_s=4.7$	10.0	1.90		Yunnan Province (318)						
CD2	17.7	298	eP	00 25 18.6	-0.1			$M_L 3.3 / 4$,						
			LE	$M_s=5.0$	9.0	2.86		GYA	5.2	85	Pg	12 41 22.4	-0.9	
SNY	18.3	4	+P	00 25 26.0	0.0			CD2	5.4	27	ePn	12 41 14.6	1.9	
			sP	00 25 35.0	0.8									
			eS	00 28 46.0	-1.1			APR 5d 13h 32m $21.7 \pm 0.04s$, SD0.89 / 24						
			LN	$M_s=4.7$	12.0	1.17		40.79 S $\pm 0.87km$, 81.16 E $\pm 0.57km$, $h_{10} \pm 0.05km$						
			LE		12.0	0.97		Mid-Indian Rise (429)						
			LZ	$M_s=4.7$	13.0	2.26		$m_b 5.2 / 6$,						
HHC	19.3	336	+P	00 25 40.5	2.1			KMI	68.6	21	eP	13 43 28.5	0.7	
			PP	00 26 00.0	5.1			LSA	70.7	9	eP	13 43 43.2	2.0	
			eS	00 29 13.0	2.7			CD2	74.3	20	eP	13 44 02.2	0.1	
			LN	$M_s=4.7$	11.0	1.06		WMQ	84.4	5	P	13 44 56.2	-0.5	
			LE		11.0	0.70								
BTO	19.7	332	P	00 25 44.0	1.0			APR 5d 21h 12m $35.0 \pm 0.04s$, SD1.37 / 355						
			pP	00 25 50.0	2.1			15.19 N $\pm 0.90km$, 147.60 E $\pm 0.88km$, $h_{11} \pm 0.13km$						
			eS	00 29 20.0	0.4			Marianas region (215)						
			LN	$M_s=5.2$	12.0	3.80		$M_s 7.5 / 50$, $m_b 7.2 / 24$, $m_b 6.3 / 79$						
			LE		12.0	3.10		QZH	28.9	294	+P	21 18 36.5	0.3	
LZH	20.0	313	+P	00 25 47.0	0.8						PMZ	$m_b=6.9$	0.7	1.62
			PMZ	$m_b=4.8$	2.0	0.080					pP	21 18 46.0	4.3	
			PMZ	$m_b=5.0$	5.0	0.36					sP	21 18 50.0	5.3	
			pP	00 25 52.0	1.0						S	21 23 23.0	-1.3	
			sP	00 25 59.0	4.7						LE	$M_s=7.4$	21.0	737
			eS	00 29 26.0	0.5			SSE	28.9	308	-P	21 18 35.0	-1.3	
			LN	$M_s=4.9$	10.0	1.02					PMZ	$m_b=6.2$	0.6	0.29
			LE		11.0	1.57					pP	21 18 44.0	2.1	
			LZ	$M_s=4.8$	14.0	3.07					LN	$M_s=7.5$	14.0	423
CN2	20.4	7	eP	00 25 49.5	-1.0						LE		16.0	486
			PMZ	$m_b=4.5$	1.0	0.020		NJ2	31.1	308	+P	21 18 54.7	-1.3	
			pP	00 25 58.0	2.3						pP	21 19 02.0	0.4	
			LN	$M_s=4.5$	12.0	0.80					LN	$M_s=7.3$	16.0	240
			LE		12.0	0.40					LE		19.0	429
			LZ	$M_s=4.6$	14.0	1.80		DL2	32.8	321	P	21 19 12.0	0.6	
MDJ	21.9	15	eP	00 26 04.0	-2.2						PMZ	$m_b=6.2$	1.4	0.62
			PMZ	$m_b=4.5$	1.0	0.020					PMZ	$m_b=7.2$	6.0	22.4
GTA	24.5	315	eP	00 26 31.0	-0.2						pP	21 19 19.0	2.0	
			PMZ	$m_b=5.6$	0.4	0.090					PP	21 20 20.0	-0.6	
			pP	00 26 37.5	1.2						eS	21 24 26.0	-1.8	
			eS	00 30 50.0	1.3						SMN		12.0	41.5
			LE	$M_s=4.8$	12.0	1.44					SME		12.0	46.9
			LZ	$M_s=4.9$	12.0	2.11					LN	$M_s=7.6$	16.0	647
LSA	28.1	289	P	00 27 04.8	-0.3						LE		16.0	432

MDJ	33.1	336	iP	21 19	12.5	-0.8			CD2	43.0	299	-P	21 20	36.4	-0.1		
			PMZ		$m_b=6.4$		1.0	0.70				iS	21 27	03.0	1.3		
			PMZ		$m_B=7.5$		7.0	56.6				LE		$M_S=7.2$		14.0	158
			S	21 24	32.5	2.2			KMI	43.1	291	-P	21 20	38.5	0.9		
			SME				9.0	88.9				PMZ		$m_b=6.1$		1.5	0.50
			LE		$M_S=7.4$		16.0	472				PMZ				3.0	12.2
GZH	33.2	289	+P	21 19	15.5	0.7						pP	21 20	48.0	5.0		
			PMZ		$m_b=6.5$		1.0	0.81				S	21 27	06.5	4.4		
			PMZ		$m_B=7.1$		12.0	42.0				LE		$M_S=7.0$		13.0	82.7
			LN		$M_S=7.7$		15.0	129	LZH	44.1	306	-P	21 20	46.8	0.7		
			LE				18.0	1020				PMZ		$m_b=6.1$		1.5	0.50
SNY	33.7	327	+P	21 19	16.4	-2.2						pP	21 20	55.0	3.4		
			PMZ		$m_b=6.5$		1.4	1.07				sP	21 20	58.0	3.6		
			S	21 24	37.0	-2.9						PP	21 22	32.0	2.1		
			LN		$M_S=7.7$		19.0	625				iS	21 27	17.0	-1.9		
			LE				17.0	780				SME				11.0	61.3
WHN	34.1	302	P	21 19	22.0	-0.1						sS	21 27	30.0	2.0		
			PMZ				16.0	74.9				SS	21 30	30.0	2.7		
			pP	21 19	30.0	2.3						LN		$M_S=7.8$		16.0	527
			S	21 24	45.0	-1.0						LE				16.0	525
			LN		$M_S=7.5$		18.0	359	GTA	48.1	310	-iP	21 21	17.3	-0.6		
			LE				18.0	478				sP	21 21	30.0	3.9		
CN2	34.2	331	-P	21 19	22.0	-1.1						S	21 28	18.0	3.3		
			PMZ		$m_b=6.4$		1.0	0.60				LE		$M_S=7.4$		15.0	225
			PMZ		$m_B=7.2$		7.0	25.0				LZ		$M_S=7.5$		20.0	500
			pP	21 19	33.0	4.3						P	21 22	00.7	0.7		
			eS	21 24	45.0	-3.8						pP	21 22	10.0	4.8		
			LN		$M_S=7.7$		20.0	700	LSA	53.7	296	ScS	21 31	42.5	-2.2		
			LE				20.0	870				LN		$M_S=7.5$		19.0	205
TIA	34.3	313	+P	21 19	23.4	-0.6						LE				20.0	166
			S	21 24	47.4	-2.0						P	21 22	30.4	-0.3		
			LN		$M_S=7.7$		18.0	1017	WMQ	58.0	312	PP	21 24	35.0	-5.0		
QZN	36.2	282	P	21 19	41.2	0.7						S	21 30	25.0	-3.3		
			S	21 25	19.0	-0.5						LN		$M_S=7.7$		15.0	318
			LE		$M_S=7.5$		19.0	523	KSH	66.4	307	P	21 23	28.0	0.6		
BJI	36.9	318	eP	21 19	45.5	-0.8						ePP	21 25	53.0	-1.8		
			PMZ		$m_b=6.4$		2.0	1.47				S	21 32	12.0	-3.0		
			epP	21 19	54.0	2.1						LN		$M_S=7.7$		17.0	280
			ePP	21 21	16.0	4.3											
			eS	21 25	24.0	-6.9											
			LE		$M_S=7.3$		19.0	384									
TIY	38.3	313	-P	21 19	57.6	-0.5											
			pP	21 20	06.5	2.8											
			S	21 25	55.5	4.3											
			LE		$M_S=7.7$		17.0	676									
XAN	39.6	305	-P	21 20	08.5	0.1											
			PMZ		$m_b=6.0$		1.0	0.24									
			PMZ		$m_B=7.2$		6.0	23.9									
			pP	21 20	16.5	2.5											
			S	21 26	10.0	0.1											
			LN		$M_S=7.1$		16.0	152									
			LE				14.0	39.3									
GYA	39.7	293	P	21 20	11.0	1.2											
			PMZ		$m_b=6.2$		1.0	0.43									
			S	21 26	10.0	-2.3											
			LN		$M_S=7.6$		20.0	350									
			LE				20.0	514									
HHC	40.4	316	+P	21 20	15.2	0.1											
			PMZ		$m_B=7.4$		7.0	51.9									
			pP	21 20	25.0	4.3											
			PP	21 21	53.0	1.7											
			S	21 26	20.0	-2.0											
BTO	41.3	315	P	21 20	23.0	0.3											
			pP	21 20	34.0	5.7											
			PP	21 22	03.0	2.4											
			S	21 26	35.0	-0.7											
			LN		$M_S=7.2$		16.0	143									
			LE				16.0	133									

APR 5d 21h 22m 30.5 ± 0.04s, SD1.33 / 77
 15.33 N ± 0.73km, 147.48 E ± 0.89km, h32 ± 0.12km
 Marianas (216)
 m_b 5.6 / 22,

QZH	28.7	294	eP	21 28	26.5	-0.8		
SSE	28.7	308	+P	21 28	26.0	-1.3		
			PMZ		$m_b=5.4$		1.0	0.070
LZH	44.0	306	P	21 30	39.0	1.8		

APR 5d 21h 57m 09.2 ± 0.04s, SD1.40 / 92
 15.56 N ± 0.91km, 147.87 E ± 0.83km, h12 ± 0.16km
 Marianas region (215)
 m_b 5.1 / 22,

SSE	28.9	307	P	22 03	14.4	4.1		
			PMZ		$m_b=5.1$		1.2	0.040
QZH	29.0	294	eP	22 03	11.2	0.1		
NJ2	31.1	307	eP	22 03	28.0	-1.9		
QZN	36.4	281	eP	22 04	17.0	0.8		
GYA	39.8	293	P	22 04	45.6	0.9		
BTO	41.2	315	eP	22 04	56.3	0.1		
CD2	43.0	299	eP	22 05	10.4	-0.6		
KMI	43.2	290	+P	22 05	15.5	2.9		
LZH	44.1	306	P	22 05	20.0	-0.2		
			PMZ		$m_b=5.0$		2.0	0.047
			pP	22 05	29.6	3.9		
GTA	48.1	309	eP	22 05	53.2	1.5		
WMQ	57.9	312	P	22 07	03.5	-0.9		

APR 5d 22h 17m 57.5 ± 0.03s, SD1.20 / 42

15.77 N ± 3.49km, 147.46 E ± 3.73km, h7 ± 2.41km
 Marianas (216)
 m_b4.6 / 9,

SSE	28.4	307	P	22 23 54.0	-1.2		
MDJ	32.5	336	eP	22 24 32.5	1.2		
CN2	33.6	331	eP	22 24 41.0	-0.2		
BJI	36.4	318	eP	22 25 05.0	0.0		
			PMZ	m _b = 4.8		1.5	0.029
TIY	37.8	312	eP	22 25 17.8	0.8		
XAN	39.1	305	P	22 25 30.0	2.2		
GYA	39.4	293	P	22 25 31.0	1.1		
HHC	39.9	316	eP	22 25 30.0	-4.0		
BTO	40.8	315	eP	22 25 42.6	1.0		
CD2	42.6	299	eP	22 25 56.6	0.3		
KMI	42.8	290	-P	22 25 58.0	0.1		
LZH	43.7	306	P	22 26 07.0	1.5		
			PMZ	m _b = 5.3		1.5	0.087
GTA	47.7	309	eP	22 26 36.8	-0.4		
			PMZ	m _b = 4.5		1.4	0.010
WMQ	57.5	312	P	22 27 50.2	-0.2		

APR 5d 22h 28m 39.3 ± 0.03s, SD1.21 / 66
 15.31 N ± 0.66km, 147.69 E ± 0.76km, h34 ± 0.16km
 Marianas region (215)
 m_b5.1 / 13,

SSE	28.9	308	+P	22 34 35.0	-2.3		
			PMZ	m _b = 4.9		0.8	0.020
BJI	36.9	318	eP	22 35 47.0	0.0		
TIY	38.3	312	eP	22 36 01.2	2.3		
XAN	39.6	305	P	22 36 09.1	-0.2		
GYA	39.8	293	P	22 36 12.6	1.7		
CD2	43.0	299	eP	22 36 37.7	0.1		
LZH	44.1	306	P	22 36 51.0	3.9		
			PMZ	m _b = 5.4		2.0	0.11
GTA	48.1	310	eP	22 37 18.2	-0.5		
			PMZ	m _b = 4.6		1.2	0.010
LSA	53.7	296	P	22 38 02.0	1.0		

APR 5d 22h 52m 59.6 ± 0.03s, SD1.07 / 186
 15.59 N ± 0.60km, 147.57 E ± 0.64km, h46 ± 0.18km
 Marianas region (215)
 M_s6.3 / 5, m_b5.4 / 60,

SSE	28.6	307	+P	22 58 52.4	-1.7		
			PMZ	m _b = 4.9		0.8	0.020
			pP	22 59 04.9	-0.6		
QZH	28.7	294	eP	22 58 54.0	-0.7		
NJ2	30.8	307	+P	22 59 11.7	-2.1		
DL2	32.5	321	eP	22 59 29.5	0.8		
			PMZ	m _b = 5.4		1.0	0.060
MDJ	32.7	336	eP	22 59 29.0	-1.2		
			PMZ	m _b = 5.5		1.0	0.080
			pP	22 59 42.0	0.4		
SNY	33.3	326	+P	22 59 34.2	-1.6		
CN2	33.8	331	+P	22 59 39.0	-1.1		
QZN	36.1	281	P	23 00 00.0	0.3		
BJI	36.6	318	+P	23 00 03.5	-0.2		
			PMZ	m _b = 5.7		1.8	0.23
			epP	23 00 16.5	1.2		
TIY	38.0	312	+P	23 00 17.0	1.3		
XAN	39.3	305	P	23 00 26.5	0.2		
GYA	39.5	293	P	23 00 29.8	1.6		
			pP	23 00 43.0	3.3		
			PcP	23 02 37.0	2.3		
HHC	40.1	316	eP	23 00 32.2	-0.4		
BTO	41.0	315	eP	23 00 40.6	0.3		
CD2	42.8	299	-iP	23 00 55.0	0.3		
KMI	42.9	290	-P	23 00 57.5	1.3		
			PMZ	m _b = 5.5		2.5	0.20

			pP	23 01 10.5	2.8		
			LN	M _s = 6.0		9.0	3.40
			LE			15.0	8.10
LZH	43.9	306	-iP	23 01 04.5	0.5		
			PMZ	m _b = 5.8		2.0	0.28
			pP	23 01 17.5	1.9		
GTA	47.9	309	-iP	23 01 35.5	-0.1		
			PMZ	m _b = 5.1		1.2	0.030
WMQ	57.7	312	P	23 02 48.3	-0.2		
			sP	23 03 01.5	-3.9		
			S	23 10 45.0	4.3		
			LE	M _s = 6.6		13.0	22.2
			LZ	M _s = 6.3		22.0	29.9
KSH	66.2	307	P	23 03 46.9	1.5		
			eS	23 12 29.0	-0.4		

APR 5d 23h 23m 38.4 ± 0.04s, SD1.15 / 90
 15.64 N ± 0.77km, 147.64 E ± 0.92km, h33 ± 0.10km
 Marianas region (215)
 M_s5.7 / 1, m_b5.0 / 28,

SSE	28.6	307	P	23 29 32.5	-1.9		
MDJ	32.7	336	eP	23 30 09.5	-0.6		
SNY	33.3	326	eP	23 30 13.3	-2.5		
CN2	33.8	331	eP	23 30 20.0	0.0		
BJI	36.6	318	eP	23 30 43.5	-0.3		
			PMZ	m _b = 4.9		1.2	0.024
			epP	23 30 53.0	-0.1		
TIY	38.0	312	eP	23 30 57.1	1.2		
GYA	39.6	293	P	23 31 10.2	1.5		
HHC	40.1	316	eP	23 31 12.9	0.1		
BTO	41.0	315	eP	23 31 20.8	0.3		
CD2	42.8	299	eP	23 31 35.6	0.4		
KMI	43.0	290	+P	23 31 38.0	1.3		
			PMZ	m _b = 5.3		2.0	0.10
			pP	23 31 50.0	4.1		
LZH	43.9	306	-P	23 31 45.5	1.1		
			PMZ	m _b = 5.4		1.5	0.083
			sP	23 31 57.0	-0.5		
GTA	47.9	309	eP	23 32 13.0	-2.9		
			PMZ	m _b = 4.6		1.2	0.010
WMQ	57.7	312	P	23 33 29.3	0.5		
KSH	66.2	307	eP	23 34 27.5	1.7		

APR 5d 23h 26m 17.3 ± 0.05s, SD1.30 / 137
 15.57 N ± 0.96km, 147.65 E ± 0.75km, h38 ± 0.17km
 Marianas region (215)
 M_s5.7 / 3, m_b5.1 / 26,

SSE	28.7	307	P	23 32 13.0	-0.3		
			pP	23 32 22.5	-0.7		
NJ2	30.9	307	eP	23 32 32.3	-0.6		
			pP	23 32 42.6	-0.3		
MDJ	32.7	336	eP	23 32 48.0	-1.1		
			PMZ	m _b = 5.1		1.0	0.030
			pP	23 33 00.0	0.9		
SNY	33.4	326	eP	23 32 54.0	-0.8		
CN2	33.9	331	eP	23 32 59.0	0.0		
TIA	34.1	313	eP	23 33 01.9	1.3		
QZN	36.2	281	eP	23 33 18.5	-0.4		
BJI	36.7	318	eP	23 33 20.0	-2.8		
			PMZ	m _b = 5.3		1.7	0.089
			epP	23 33 33.0	0.1		
TIY	38.1	312	+P	23 33 37.4	2.6		
GYA	39.6	293	P	23 33 48.8	1.4		
HHC	40.1	316	eP	23 33 51.2	-0.5		
BTO	41.0	315	eP	23 34 00.0	0.6		
CD2	42.8	299	eP	23 34 14.0	0.1		
KMI	43.0	290	-P	23 34 17.5	2.1		
			PMZ	m _b = 5.2		2.5	0.10

	pP	23 34 28.0	2.5		
	sP	23 34 35.1	5.3		
	LN	$M_s = 5.8$	13.0	3.70	
	LE		12.0	4.80	
LZH	P	23 34 24.0	0.8		
	PMZ	$m_b = 5.5$	2.0	0.16	
GTA	eP	23 34 52.3	-2.5		
	PMZ	$m_b = 5.1$	1.2	0.030	
WMQ	P	23 36 07.5	-0.1		
KSH	eP	23 37 04.0	-0.5		

APR 5d 23h 30m $04.8 \pm 0.04s$, SD1.15 / 87
 $15.28 N \pm 1.08km$, $147.53 E \pm 0.71km$, $h33 \pm 0.11km$
 Marianas region (215)
 $M_s 5.6 / 1$, $m_b 5.1 / 16$,

SSE	28.8 308	+P	23 36 00.5	-1.5		
		PMZ	$m_b = 5.0$	1.0	0.030	
NJ2	31.0 308	+P	23 36 21.5	-0.2		
MDJ	33.0 336	eP	23 36 39.0	0.0		
BJI	36.8 318	eP	23 37 12.0	0.0		
		PMZ	$m_b = 5.5$	1.8	0.16	
TIY	38.2 313	eP	23 37 25.0	1.3		
GYA	39.6 293	P	23 37 37.0	1.5		
BTO	41.2 315	eP	23 37 49.0	0.6		
KMI	43.0 291	-P	23 38 04.5	1.1		
LZH	44.0 306	-P	23 38 13.3	1.5		
		PMZ	$m_b = 5.7$	2.0	0.22	
		sP	23 38 26.5	1.6		
GTA	48.0 310	eP	23 38 43.8	0.3		
		PMZ	$m_b = 4.6$	1.2	0.010	
WMQ	57.9 312	P	23 39 56.0	-0.4		
		S	23 47 54.0	2.8		
KSH	66.3 307	eP	23 40 53.0	0.0		

APR 5d 23h 33m $36.9 \pm 0.04s$, SD1.19 / 153
 $15.49 N \pm 0.75km$, $147.75 E \pm 0.66km$, $h35 \pm 0.18km$
 Marianas region (215)
 $M_s 5.7 / 2$, $m_b 5.3 / 43$,

SSE	28.8 307	P	23 39 31.0	-3.2		
QZH	28.9 294	eP	23 39 34.0	-0.8		
NJ2	31.0 307	eP	23 39 53.0	-0.9		
MDJ	32.8 336	eP	23 40 06.0	-3.9		
		PMZ	$m_b = 5.1$	1.0	0.030	
		pP	23 40 19.5	0.1		
CN2	34.0 331	P	23 40 18.8	-1.1		
TIA	34.2 313	eP	23 40 21.4	-0.2		
QZN	36.3 281	eP	23 40 40.3	0.6		
BJI	36.8 318	eP	23 40 43.0	-0.7		
		PMZ	$m_b = 5.1$	1.5	0.052	
		epP	23 40 53.0	-0.3		
TIY	38.2 312	eP	23 40 57.8	2.1		
GYA	39.7 293	P	23 41 09.6	1.3		
		pP	23 41 19.2	1.4		
HHC	40.2 316	eP	23 41 09.6	-3.0		
BTO	41.2 315	eP	23 41 20.6	0.4		
CD2	43.0 299	eP	23 41 34.8	0.0		
KMI	43.1 290	-P	23 41 37.0	0.8		
		pP	23 41 48.0	2.3		
LZH	44.1 306	-P	23 41 45.0	0.9		
		PMZ	$m_b = 5.5$	2.0	0.16	
		sP	23 41 56.0	-1.7		
GTA	48.1 309	eP	23 42 14.6	-1.0		
		PMZ	$m_b = 5.1$	1.2	0.030	
LSA	53.7 296	P	23 43 00.0	1.7		
WMQ	57.9 312	P	23 43 29.2	0.8		
		pP	23 43 38.3	0.2		
		S	23 51 27.0	4.0		
		LE	$M_s = 5.9$	12.0	4.03	

KSH	66.4 307	eP	23 44 23.0	-2.1		
		eS	23 53 08.5	-3.0		
APR 5d 23h 44m $45.3 \pm 0.04s$, SD1.23 / 104 $15.57 N \pm 0.81km$, $147.67 E \pm 0.76km$, $h37 \pm 0.18km$ Marianas region (215) $M_s 5.5 / 2$, $m_b 4.9 / 23$,						
SSE	28.7 307	P	23 50 43.0	1.5		
MDJ	32.7 336	eP	23 51 17.2	0.0		
CN2	33.9 331	P	23 51 27.0	-0.2		
QZN	36.2 281	eP	23 51 48.1	1.0		
BJI	36.7 318	eP	23 51 50.0	-1.0		

		PMZ	$m_b = 4.8$	1.5	0.026	
		epP	23 52 01.5	0.5		
TIY	38.1 312	eP	23 52 06.3	3.3		
XAN	39.4 305	P	23 52 17.9	4.3		
GYA	39.6 293	P	23 52 16.2	0.6		
		pP	23 52 27.8	2.2		
HHC	40.1 316	eP	23 52 19.0	-0.9		
BTO	41.1 315	eP	23 52 28.2	0.6		
CD2	42.9 299	eP	23 52 41.8	-0.4		
KMI	43.0 290	-P	23 52 45.5	1.8		
LZH	44.0 306	P	23 52 52.5	1.1		
		PMZ	$m_b = 5.2$	1.8	0.059	
		pP	23 53 02.5	1.1		
GTA	48.0 309	eP	23 53 23.8	0.8		
		PMZ	$m_b = 4.9$	1.2	0.020	
LSA	53.6 296	P	23 54 08.0	2.3		
WMQ	57.8 312	P	23 54 35.0	-0.8		
		LN	$M_s = 5.8$	14.0	3.66	
		LZ	$M_s = 5.8$	18.0	7.03	
KSH	66.3 307	eP	23 55 33.0	0.4		

APR 5d 23h 57m $12.0 \pm 0.04s$, SD1.11 / 35
 $15.16 N \pm 0.66km$, $147.81 E \pm 0.91km$, $h32 \pm 0.30km$
 Marianas region (215)
 $m_b 5.0 / 9$,

SSE	29.1 308	eP	24 03 10.0	-1.8		
		PMZ	$m_b = 4.8$	1.0	0.020	
BJI	37.1 318	eP	24 04 21.0	-0.5		
		PMZ	$m_b = 5.0$	1.5	0.039	
TIY	38.5 312	eP	24 04 34.1	0.8		
GYA	39.9 293	P	24 04 46.0	0.8		
LZH	44.3 306	P	24 05 21.5	0.1		
		PMZ	$m_b = 5.3$	2.0	0.089	
WMQ	58.2 312	P	24 07 06.0	0.4		

APR 5d 23h 58m $57.1 \pm 0.04s$, SD1.37 / 115
 $15.66 N \pm 0.81km$, $147.57 E \pm 0.85km$, $h33 \pm 0.15km$
 Marianas region (215)
 $m_b 5.2 / 24$,

MDJ	32.6 336	eP	24 05 27.0	-1.5		
CN2	33.8 331	+P	24 05 39.0	0.6		
BJI	36.6 318	eP	24 06 01.5	-0.6		
		PMZ	$m_b = 5.5$	1.9	0.14	
TIY	38.0 312	+P	24 06 19.0	4.8		
XAN	39.3 305	P	24 06 26.5	1.7		
GYA	39.5 293	P	24 06 28.0	1.1		
CD2	42.7 299	P	24 06 52.0	-1.4		
LZH	43.9 306	-P	24 07 03.0	0.4		
		PMZ	$m_b = 5.2$	2.0	0.080	
		pP	24 07 06.0	-5.8		
GTA	47.8 309	-P	24 07 33.6	-0.6		
		PMZ	$m_b = 5.1$	0.8	0.020	
WMQ	57.6 312	P	24 08 46.5	-0.6		

APR 6d 00h 02m $26.8 \pm 0.05s$, SD1.16 / 164
 $15.24 N \pm 0.81km$, $147.55 E \pm 0.64km$, $h37 \pm 0.22km$

Marianas region (215)				Marianas region (215)											
$M_s 5.6 / 4, m_b 5.3 / 38,$				$M_s 4.9 / 23, m_b 5.5 / 3, m_b 5.0 / 27$											
QZH	28.8	294	eP	00 08 23.5	-0.3			CD2	74.6	20	P	02 44 17.2	1.3		
SSE	28.8	308	-iP	00 08 23.2	-0.7			XAN	79.0	24	P	02 44 40.0	-0.7		
			PMZ		$m_b = 5.6$	0.8	0.10	LZH	79.5	19	eP	02 44 44.0	0.3		
			sP	00 08 34.5	-3.6						pP	02 44 53.0	4.1		
NJ2	31.0	308	-P	00 08 42.6	-1.0			SSE	80.8	34	eP	02 44 48.0	-2.5		
DL2	32.8	321	eP	00 08 58.5	-0.5						LN		$M_s = 5.6$	13.0	0.90
MDJ	33.0	336	eP	00 09 00.0	-0.9						LE			12.0	0.73
			PMZ		$m_b = 5.2$	1.2	0.050				LZ		$M_s = 5.4$	20.0	1.84
SNY	33.6	327	+P	00 09 05.0	-1.2			GTA	81.8	15	+P	02 44 55.5	-0.4		
WHN	34.0	302	eP	00 09 10.4	0.8			WMQ	84.6	5	P	02 45 13.5	3.6		
CN2	34.1	331	P	00 09 09.5	-1.2			APR 6d 02h 40m $01.6 \pm 0.04s, SD1.21 / 157$							
TIA	34.2	313	eP	00 09 10.8	-0.7			15.54 N $\pm 0.76km, 147.61 E \pm 0.69km, h39 \pm 0.22km$							
QZN	36.2	281	P	00 09 28.4	0.2			Marianas region (215)							
BJI	36.9	318	eP	00 09 34.0	0.2			SSE	28.7	307	eP	02 45 54.8	-2.5		
			PMZ		$m_b = 5.8$	1.8	0.29				LN		$M_s = 4.8$	13.0	0.90
			LN		$M_s = 5.7$	16.0	6.51				LE			12.0	0.73
			LE			17.0	4.61				LZ		$M_s = 4.7$	20.0	1.84
			LZ		$M_s = 5.7$	18.0	11.1	QZH	28.7	294	eP	02 45 56.0	-1.8		
TIY	38.3	313	eP	00 09 45.8	0.2						S	02 50 43.0	0.8		
XAN	39.5	305	P	00 09 56.2	0.3						sS	02 50 58.0	-2.4		
GYA	39.7	293	P	00 09 59.2	1.9						LE		$M_s = 4.8$	16.0	1.51
			PcP	00 12 05.4	1.9						LZ		$M_s = 4.6$	28.0	2.23
BTO	41.2	315	eP	00 10 11.6	1.3			NJ2	30.9	307	eP	02 46 15.0	-2.0		
CD2	42.9	299	-iP	00 10 24.8	0.7			DL2	32.6	321	eP	02 46 33.0	1.1		
LZH	44.1	306	-iP	00 10 35.0	1.3						LE		$M_s = 4.8$	13.0	1.00
			PMZ		$m_b = 6.0$	2.0	0.49				LZ		$M_s = 4.7$	16.0	1.24
			pP	00 10 46.5	2.8			MDJ	32.8	336	eP	02 46 33.2	-0.2		
GTA	48.1	310	-iP	00 11 05.5	0.2						PMZ		$m_b = 5.2$	1.2	0.050
			PMZ		$m_b = 5.3$	1.2	0.050				pP	02 46 42.8	-0.8		
LSA	53.6	296	P	00 11 49.2	1.7						eS	02 51 45.0	-1.4		
WMQ	57.9	312	P	00 12 18.6	0.4						LN		$M_s = 4.8$	15.0	1.10
			S	00 20 15.6	2.9			CN2	33.9	331	eP	02 46 43.2	-0.1		
KSH	66.4	307	eP	00 13 16.4	1.6						pP	02 46 55.0	1.4		
											eS	02 52 05.0	0.8		
APR 6d 01h 37m $25.8 \pm 0.04s, SD1.29 / 120$				APR 6d 02h 32m $33.9 \pm 0.05s, SD1.24 / 29$											
15.72 N $\pm 0.78km, 147.66 E \pm 0.81km, h24 \pm 0.14km$				40.94 S $\pm 1.07km, 80.72 E \pm 0.88km, h10 \pm 0.01km$											
Marianas region (215)				Mid-Indian Rise (429)											
$M_s 4.8 / 4, m_b 5.1 / 1, m_b 4.9 / 23$				$M_s 5.5 / 2, m_b 5.5 / 6,$											
SSE	28.6	307	eP	01 43 20.6	-2.2			CD2	74.6	20	P	02 44 17.2	1.3		
QZH	28.7	293	eP	01 43 25.2	1.5			XAN	79.0	24	P	02 44 40.0	-0.7		
MDJ	32.6	336	eP	01 43 58.0	-0.3			LZH	79.5	19	eP	02 44 44.0	0.3		
			pP	01 44 05.0	-0.8						pP	02 44 53.0	4.1		
CN2	33.8	331	P	01 44 07.8	-0.5			SSE	80.8	34	eP	02 44 48.0	-2.5		
QZN	36.2	281	eP	01 44 30.0	1.0						LN		$M_s = 5.6$	13.0	0.90
BJI	36.6	318	eP	01 44 32.0	-0.2						LE			12.0	0.73
			PMZ		$m_b = 5.1$	1.5	0.052				LZ		$M_s = 5.4$	20.0	1.84
TIY	38.0	312	eP	01 44 45.5	1.1			GTA	81.8	15	+P	02 44 55.5	-0.4		
			S	01 50 39.0	4.9			WMQ	84.6	5	P	02 45 13.5	3.6		
			LE		$M_s = 4.6$	15.0	0.54	APR 6d 02h 40m $01.6 \pm 0.04s, SD1.21 / 157$							
XAN	39.3	305	P	01 44 54.6	-0.5			15.54 N $\pm 0.76km, 147.61 E \pm 0.69km, h39 \pm 0.22km$							
GYA	39.6	293	P	01 44 59.2	1.9			Marianas region (215)							
HHC	40.0	316	eP	01 45 02.0	0.8			SSE	28.7	307	eP	02 45 54.8	-2.5		
BTO	41.0	315	eP	01 45 10.0	1.1						LN		$M_s = 4.8$	13.0	0.90
CD2	42.8	299	P	01 45 23.8	0.1						LE			12.0	0.73
LZH	43.9	306	-P	01 45 33.0	0.1						LZ		$M_s = 4.7$	20.0	1.84
			PMZ		$m_b = 5.4$	2.0	0.12	QZH	28.7	294	eP	02 45 56.0	-1.8		
			pP	01 45 39.5	-0.9						S	02 50 43.0	0.8		
GTA	47.9	309	eP	01 46 03.7	-0.7						sS	02 50 58.0	-2.4		
LSA	53.5	295	P	01 46 49.0	1.5						LE		$M_s = 4.8$	16.0	1.51
WMQ	57.7	312	P	01 47 17.5	0.1						LZ		$M_s = 4.6$	28.0	2.23
			S	01 55 14.5	2.8			NJ2	30.9	307	eP	02 46 15.0	-2.0		
APR 6d 02h 32m $33.9 \pm 0.05s, SD1.24 / 29$				APR 6d 02h 40m $01.6 \pm 0.04s, SD1.21 / 157$											
40.94 S $\pm 1.07km, 80.72 E \pm 0.88km, h10 \pm 0.01km$				15.54 N $\pm 0.76km, 147.61 E \pm 0.69km, h39 \pm 0.22km$											
Mid-Indian Rise (429)				Marianas region (215)											
$M_s 5.5 / 2, m_b 5.5 / 6,$				$M_s 4.9 / 23, m_b 5.5 / 3, m_b 5.0 / 27$											
				SSE	28.7	307	eP	02 45 54.8	-2.5						
							LN		$M_s = 4.8$	13.0	0.90				
							LE			12.0	0.73				
							LZ		$M_s = 4.7$	20.0	1.84				
				QZH	28.7	294	eP	02 45 56.0	-1.8						
							S	02 50 43.0	0.8						
							sS	02 50 58.0	-2.4						
							LE		$M_s = 4.8$	16.0	1.51				
							LZ		$M_s = 4.6$	28.0	2.23				
				NJ2	30.9	307	eP	02 46 15.0	-2.0						
				DL2	32.6	321	eP	02 46 33.0	1.1						
							LE		$M_s = 4.8$	13.0	1.00				
							LZ		$M_s = 4.7$	16.0	1.24				
				MDJ	32.8	336	eP	02 46 33.2	-0.2						
							PMZ		$m_b = 5.2$	1.2	0.050				
							pP	02 46 42.8	-0.8						
							eS	02 51 45.0	-1.4						
							LN		$M_s = 4.8$	15.0	1.10				
				CN2	33.9	331	eP	02 46 43.2	-0.1						
							pP	02 46 55.0	1.4						
							eS	02 52 05.0	0.8						
							LN		$M_s = 5.1$	15.0	1.70				
							LE			15.0	1.30				
							LZ		$M_s = 5.1$	16.0	2.60				
				WHN	33.9	302	eP	02 46 44.0	0.7						
							sP	02 46 54.0	-4.0						
							LN		$M_s = 4.9$	14.0	0.85				
							LE			14.0	0.98				
				QZN	36.2	281	eP	02 47 03.3	0.5						
				BJI	36.7	318	eP	02 47 06.5	-0.4						
							PMZ		$m_b = 5.0$	1.5	0.039				
							epP	02 47 17.5	0.2						
							LZ		$M_s = 4.8$	23.0	1.81				
				TIY	38.1	312	-iP	02 47 21.0	2.1						
							LN		$M_s = 5.2$	22.0	3.00				
							LZ		$M_s = 4.8$	35.0	2.86				
				XAN	39.4	305	P	02 47 29.6	0.2						
							S	02 53 26.0	-1.0						
							LN		$M_s = 5.1$	14.0	1.23				
							LE			14.0	0.69				
				GYA	39.6	293	P	02 47 33.0	1.6						
							pP	02 47 44.2	2.5						
							S	02 53 35.0	4.7						
							LN		$M_s = 4.8$	16.0	0.50				
							LE			16.0	0.70				
				HHC	40.1	316	+P	02 47 36.0	0.2						
							pP	02 47 47.0	0.9						
							S	02 53 42.0	3.7						
							LZ		$M_s = 4.8$	22.0	1.55				
				BTO	41.0	315	P	02 47 45.0	1.5						
							pP	02 47 56.5	2.7						
							ePP	02 49 27.0	5.7						
							eS	02 53 56.0	2.7						

CD2	42.8 299	LN	$M_s = 5.1$	15.0	1.20	GTA	47.9 309	+iP	02 56 42.2	-0.3	1.4 0.060		
		LE		15.0	0.90			PMZ	$m_b = 5.3$				
		P	02 47 57.7	-0.2			LSA	53.5 296	eP	02 57 27.0		1.7	
		pP	02 48 09.0	0.6			WMQ	57.7 312	-P	02 57 55.3		-0.1	
		PcS	02 53 41.0	1.7					PMZ	$m_b = 5.5$		2.5 0.14	
KMI	43.0 290	S	02 54 20.0	1.9				S	03 05 54.0	5.8	24.0 1.93		
		eP	02 48 01.5	2.1				LZ	$M_s = 5.1$				
		sP	02 48 11.5	-2.5			KSH	66.2 307	eP	02 58 53.0		0.7	
		S	02 54 24.0	3.6			APR 6d 03h 19m $37.2 \pm 0.04s$, SD0.97 / 36 15.61 N $\pm 0.63km$, 147.48 E $\pm 1.03km$, h32 $\pm 0.12km$ Marianas (216) $m_b 5.0 / 10$,						
		LE	$M_s = 5.1$	20.0	1.70				TIY	37.9 312		eP	03 26 56.2
LZH	43.9 306	LZ	$M_s = 5.1$	20.0	2.70			CD2	42.7 299	P	03 27 32.2	-0.9	
		+P	02 48 07.5	0.3			LZH	43.8 306	-P	03 27 42.5	0.0		
		PMZ	$m_b = 5.7$	5.0	0.57				PMZ	$m_b = 5.1$	2.5 0.080		
		pP	02 48 19.0	1.4			GTA	47.8 309	eP	03 28 14.8	0.7		
		eS	02 54 38.0	2.0					PMZ	$m_b = 4.6$	1.2 0.010		
GTA	47.9 309	+P	02 48 39.2	0.4			WMQ	57.6 312	P	03 29 27.0	-0.1		
		PMZ	$m_b = 5.1$	1.4	0.040		APR 6d 03h 47m $07.1 \pm 0.05s$, SD1.24 / 67 15.33 N $\pm 1.18km$, 147.56 E $\pm 1.29km$, h33 $\pm 0.47km$ Marianas region (215) $m_b 5.0 / 16$,						
		PMZ	$m_b = 5.5$	8.0	0.57				SSE	28.8 308	-P	03 53 03.2	-1.1
		sP	02 48 55.2	1.6					PMZ	$m_b = 4.9$	0.8 0.020		
		S	02 55 34.5	3.0			MDJ	32.9 336	eP	03 53 38.5	-2.6		
LSA	53.5 296	LE	$M_s = 5.2$	15.0	1.25			BJI	36.8 318	eP	03 54 14.5	0.3	
		LZ	$M_s = 5.0$	20.0	1.80				PMZ	$m_b = 5.0$	1.5 0.039		
		P	02 49 23.1	1.6			TIY	38.2 312	eP	03 54 26.4	0.4		
		P	02 49 52.3	0.6			XAN	39.4 305	P	03 54 37.0	0.6		
		PP	02 52 04.5	4.0			GYA	39.6 293	P	03 54 39.6	1.7		
WMQ	57.8 312	S	02 57 49.0	4.0				pP	03 54 51.0	4.0			
		SMN		4.0	0.48		BTO	41.2 315	eP	03 54 52.0	1.3		
		eP	02 50 51.0	2.5			CD2	42.9 299	P	03 55 05.2	0.6		
		pP	02 51 04.0	4.8			KMI	43.0 291	+P	03 55 07.5	1.7		
		eS	02 59 39.0	5.4			LZH	44.0 306	eP	03 55 14.0	-0.2		
KSH	66.2 307	APR 6d 02h 48m $05.7 \pm 0.05s$, SD1.17 / 124 15.61 N $\pm 0.79km$, 147.61 E $\pm 0.68km$, h41 $\pm 0.22km$ Marianas region (215) $M_s 4.9 / 9$, $m_b 5.6 / 1$, $m_b 4.9 / 25$											
		PMZ	$m_b = 4.7$	1.3	0.020				PMZ	$m_b = 5.4$	2.0 0.12		
		pP	02 54 10.0	-1.4					pP	03 55 25.5	2.2		
		eP	02 54 37.5	2.1			GTA	48.0 310	-iP	03 55 46.3	0.5		
		LE	$M_s = 4.9$	14.0	1.44				PMZ	$m_b = 5.1$	1.2 0.030		
DL2	32.5 321	LZ	$M_s = 4.6$	15.0	0.93		WMQ	57.9 312	P	03 56 59.2	0.5		
		eP	02 54 35.5	-1.3			APR 6d 03h 56m $41.9 \pm 0.04s$, SD1.30 / 130 15.34 N $\pm 0.91km$, 147.64 E $\pm 0.70km$, h33 $\pm 0.12km$ Marianas region (215) $M_s 4.5 / 1$, $m_b 5.1 / 29$,						
		eP	02 54 45.0	-1.8					SSE	28.8 308	-P	04 02 38.5	-1.0
		eP	02 54 49.0	2.0					PMZ	$m_b = 5.0$	1.0 0.030		
		P	02 55 07.0	0.3					LZ	$M_s = 4.2$	20.0 0.55		
QZN	36.2 281	eS	03 00 45.0	1.9				MDJ	32.9 336	eP	04 03 14.5	-1.4	
		eP	02 55 10.0	-0.5			WHN	34.0 302	eP	04 03 25.4	0.2		
		PMZ	$m_b = 5.2$	1.5	0.066		CN2	34.1 331	eP	04 03 26.0	0.2		
		LE	$M_s = 4.8$	14.0	0.79		BJI	36.8 318	eP	04 03 49.5	0.3		
		LZ	$M_s = 4.9$	16.0	1.75				PMZ	$m_b = 5.3$	1.8 0.10		
TIY	38.0 312	eP	02 55 23.5	1.0				TIY	38.2 312	eP	04 04 02.0	0.9	
		LN	$M_s = 4.9$	15.0	1.10				eS	04 09 58.0	5.3		
		LZ	$M_s = 5.0$	15.0	1.78				LZ	$M_s = 4.4$	22.0 0.65		
		P	02 55 32.6	-0.5			XAN	39.5 305	P	04 04 12.0	0.5		
		P	02 55 36.4	1.2			GYA	39.7 293	+iP	04 04 15.0	1.9		
XAN	39.3 305	P	02 55 39.8	0.4				HHC	40.3 316	P	04 04 19.0	1.0	
		P	02 55 47.0	-0.1			BTO	41.2 315	P	04 04 27.0	1.3		
		eP	02 56 01.4	-0.3			CD2	42.9 299	P	04 04 40.3	0.5		
		+P	02 56 03.0	-0.2			KMI	43.1 290	+P	04 04 42.5	1.5		
		-P	02 56 11.0	0.1			LZH	44.1 306	-P	04 04 50.0	0.7		
GYA	39.6 293	PMZ	$m_b = 5.6$	2.5	0.23			PMZ	$m_b = 5.5$	2.0 0.16			
		PMZ	$m_b = 5.6$	5.0	0.47								
		pP	02 56 24.0	2.5			GTA	48.1 310	-P	04 05 21.4	0.5		
		LN	$M_s = 5.1$	15.0	0.90								
		LE		15.0	0.90								
HHC	40.1 316	LZ	$M_s = 5.0$	20.0	1.80								

WMQ	57.9	312	PMZ	$m_b = 5.3$	1.4	0.060
			P	04 06 32.5	-1.2	
			PcP	04 07 27.0	2.2	
			S	04 14 32.5	3.8	
KSH	66.4	307	SMN		3.0	0.12
			eP	04 07 30.0	-0.4	

APR 6d 04h 39m $08.3 \pm 0.04s$, SD1.17 / 119
 15.27 N $\pm 0.73km$, 147.58 E $\pm 0.75km$, h34 $\pm 0.14km$
 Marianas region (215)
 $M_s 5.1 / 10$, $m_b 5.1 / 30$,

SSE	28.8	308	P	04 45 04.5	-1.3	
			PMZ	$m_b = 5.1$	1.0	0.040
NJ2	31.0	308	+P	04 45 24.5	-1.0	
DL2	32.8	321	eP	04 45 44.0	3.2	
			LE	$M_s = 4.7$	10.0	0.56
			LZ	$M_s = 4.7$	24.0	1.62
MDJ	33.0	336	eP	04 45 41.0	-1.7	
WHN	34.0	302	P	04 45 52.0	0.4	
			S	04 51 14.0	1.0	
			LN	$M_s = 5.1$	14.0	1.76
			LE		14.0	0.98
CN2	34.1	331	P	04 45 51.4	-1.0	
BJI	36.9	318	eP	04 46 16.0	0.3	
			PMZ	$m_b = 5.5$	1.5	0.12
TIY	38.2	312	eP	04 46 27.0	-0.5	
XAN	39.5	305	P	04 46 36.5	-1.3	
GYA	39.7	293	P	04 46 40.8	1.5	
HHC	40.3	316	P	04 46 45.4	0.9	
BTO	41.2	315	eP	04 46 53.0	0.8	
KMI	43.0	291	+P	04 47 09.0	1.8	
LZH	44.1	306	-P	04 47 16.5	0.9	
			PMZ	$m_b = 5.8$	2.0	0.28
			pP	04 47 28.0	3.0	
			LN	$M_s = 5.3$	16.0	1.60
			LE		16.0	1.80
			LZ	$M_s = 5.1$	20.0	2.30
GTA	48.1	310	-iP	04 47 47.8	0.5	
			PMZ	$m_b = 5.5$	1.4	0.10
WMQ	57.9	312	P	04 49 00.0	-0.1	
			PMZ	$m_b = 5.4$	2.0	0.11
			S	04 57 01.0	6.0	
KSH	66.4	307	eP	04 49 58.0	1.3	

APR 6d 04h 42m $31.6 \pm 0.04s$, SD1.21 / 225
 15.18 N $\pm 0.77km$, 147.66 E $\pm 0.69km$, h12 $\pm 0.10km$
 Marianas region (215)
 $M_s 5.1 / 40$, $m_b 5.6 / 10$, $m_b 5.4 / 64$

QZH	28.9	294	eP	04 48 30.0	-3.1	
			S	04 53 21.0	-0.4	
			sS	04 53 32.0	0.0	
			LN	$M_s = 4.9$	16.0	1.90
			LE		16.0	0.20
			LZ	$M_s = 4.9$	28.0	3.71
SSE	28.9	308	P	04 48 31.0	-2.2	
			PMZ	$m_b = 5.5$	0.6	0.050
			PMZ	$m_b = 5.4$	7.0	0.46
			PP	04 49 27.0	1.0	
			S	04 53 20.0	-1.6	
			LN	$M_s = 5.1$	15.0	1.76
			LE		14.0	1.62
			LZ	$M_s = 5.0$	20.0	3.22
NJ2	31.1	308	+P	04 48 51.4	-1.5	
			LN	$M_s = 5.1$	15.0	1.53
			LE		13.0	1.89
			LZ	$M_s = 4.8$	20.0	2.02
DL2	32.9	321	eP	04 49 08.5	0.3	
			PMZ	$m_b = 5.4$	1.0	0.060

			PMZ	$m_b = 5.6$	6.0	0.65
			S	04 54 22.0	-1.9	
			SMN		24.0	0.99
			SME		24.0	0.99
			LN	$M_s = 5.3$	15.0	2.13
			LE		15.0	2.40
			LZ	$M_s = 4.6$	28.0	1.84
MDJ	33.1	336	eP	04 49 09.3	-0.7	
			PMZ	$m_b = 5.1$	1.2	0.040
			eS	04 54 28.0	0.0	
			LN	$M_s = 4.9$	16.0	1.50
GZH	33.3	289	P	04 49 13.0	1.3	
			S	04 54 33.0	2.8	
			LZ	$M_s = 5.0$	30.0	4.40
SNY	33.7	327	+P	04 49 14.2	-1.2	
			pP	04 49 24.2	2.9	
			S	04 54 32.0	-4.8	
			LZ	$M_s = 5.2$	18.0	3.68
WHN	34.1	302	P	04 49 20.0	1.1	
			S	04 54 44.0	0.9	
			sS	04 54 56.0	2.3	
			LE	$M_s = 5.0$	12.0	1.22
CN2	34.2	331	+P	04 49 20.0	0.1	
			PMZ	$m_b = 5.1$	1.0	0.030
			PMZ	$m_b = 5.3$	6.0	0.30
			pP	04 49 30.0	4.3	
			ePP	04 50 34.0	0.1	
			eS	04 54 43.0	-2.6	
			LN	$M_s = 5.1$	14.0	1.00
			LE		14.0	1.40
			LZ	$M_s = 5.1$	18.0	3.30
TIA	34.3	313	eP	04 49 20.8	0.0	
			PcP	04 51 56.6	0.4	
			LN	$M_s = 5.1$	16.0	2.06
QZN	36.3	282	P	04 49 38.2	0.8	
			PP	04 51 02.0	2.2	
			eS	04 55 16.5	-1.1	
			sS	04 55 32.0	4.7	
			LE	$M_s = 5.4$	18.0	4.74
BJI	37.0	318	eP	04 49 43.0	-0.1	
			PMZ	$m_b = 5.7$	1.8	0.25
			eS	04 55 24.0	-3.9	
			LE	$M_s = 4.9$	16.0	1.21
			LZ	$M_s = 5.1$	24.0	3.50
TIY	38.4	313	-P	04 49 55.0	0.1	
			S	04 55 50.0	1.8	
			sS	04 56 00.0	1.0	
			LN	$M_s = 5.0$	15.0	1.43
			LZ	$M_s = 5.0$	32.0	3.62
XAN	39.6	305	P	04 50 05.8	0.6	
			PMZ	$m_b = 5.7$	1.0	0.15
			S	04 56 06.0	-1.0	
			LN	$M_s = 5.6$	14.0	2.05
			LE		14.0	3.82
GYA	39.8	293	P	04 50 08.6	2.0	
			pP	04 50 17.8	5.4	
			S	04 56 11.0	1.6	
			LZ	$M_s = 4.8$	22.0	1.60
HHC	40.4	316	-P	04 50 12.0	0.1	
			sP	04 50 26.0	5.4	
			ePP	04 51 50.0	1.7	
			PcP	04 52 16.0	1.3	
			S	04 56 15.0	-4.0	
			LN	$M_s = 4.9$	12.0	0.51
			LE		12.0	0.58
			LZ	$M_s = 5.0$	26.0	3.10
BTO	41.3	315	-iP	04 50 20.0	0.5	
			pP	04 50 29.0	3.7	

	ePP	04 51 59.0	1.4			GTA	48.3 310	eP	05 16 41.0	0.0		
	S	04 56 33.0	0.3			WMQ	58.1 312	P	05 17 54.6	0.8		
	LN	$M_s = 5.1$	15.0	1.20				S	05 25 54.0	4.2		
	LE		15.0	0.80		KSH	66.5 307	eP	05 18 52.0	1.8		
CD2	P	04 50 34.0	0.6			APR 6d 05h 31m $20.6 \pm 0.05s$, SD1.22 / 76						
	PMZ	$m_b = 5.4$	1.0	0.070		15.17 N $\pm 0.82km$, 147.61 E $\pm 0.64km$, h34 $\pm 0.13km$						
	PP	04 52 13.5	-1.8			Marianas region (215)						
	S	04 56 56.5	-1.2			$m_b 4.9 / 21$,						
	LE	$M_s = 5.2$	16.0	2.00		SSE	28.9 308	P	05 37 17.8	-1.0		
	LZ	$M_s = 5.0$	17.0	1.80		NJ2	31.1 308	-P	05 37 38.0	-0.5		
KMI	-P	04 50 35.0	0.6			MDJ	33.1 336	eP	05 37 54.5	-1.3		
	pP	04 50 40.0	-0.1			WHN	34.1 302	+P	05 38 05.0	0.5		
	eS	04 56 54.0	-6.7					pP	05 38 13.5	-0.4		
	LE	$M_s = 5.1$	18.0	1.60		BJI	36.9 318	eP	05 38 27.0	-1.7		
	LZ	$M_s = 5.1$	20.0	2.20		TIY	38.3 313	eP	05 38 42.0	1.5		
LZH	-P	04 50 43.0	0.0			XAN	39.6 305	P	05 38 50.6	-0.1		
	PMZ	$m_b = 5.9$	2.0	0.38		GYA	39.7 293	P	05 38 54.2	2.1		
	PMZ	$m_B = 5.9$	6.0	1.13		LZH	44.2 306	-P	05 39 29.0	0.5		
	pP	04 50 50.5	1.8					PMZ	$m_b = 5.2$	1.6	0.058	
	PP	04 52 28.0	1.1					pP	05 39 37.5	-0.4		
	S	04 57 15.0	0.4			GTA	48.2 310	P	05 40 00.0	-0.2		
	LZ	$M_s = 5.2$	18.0	2.70				PMZ	$m_b = 4.9$	1.2	0.020	
GTA	-iP	04 51 15.2	0.5			WMQ	58.0 312	P	05 41 14.0	1.0		
	PMZ	$m_b = 5.6$	1.4	0.13		KSH	66.5 307	eP	05 42 10.0	0.5		
	PMZ	$m_B = 5.6$	9.0	0.92		APR 6d 05h 43m $05.1 \pm 0.08s$, SD1.46 / 81						
	PP	04 53 08.4	2.9			41.05 S $\pm 1.50km$, 80.89 E $\pm 0.94km$, h10 $\pm 0.14km$						
	S	04 58 10.0	-1.7			Mid-Indian Rise (429)						
	LE	$M_s = 5.3$	15.0	1.59		$M_s 6.1 / 25$, $m_B 6.0 / 5$, $m_b 5.3 / 15$						
	LZ	$M_s = 5.3$	20.0	3.12		LSA	71.0 9	eP	05 54 26.0	-0.5		
LSA	P	04 51 58.3	1.5					LN	$M_s = 6.0$	19.0	4.40	
	S	04 59 31.0	3.2					LE		17.0	2.11	
	SME		7.0	0.43		GYA	71.3 24	P	05 54 29.0	1.3		
WMQ	-P	04 52 28.0	0.5					PMZ	$m_B = 6.1$	5.0	1.00	
	PMZ	$m_b = 5.5$	2.0	0.13				pP	05 54 30.0	-3.1		
	S	05 00 26.0	0.8					LN	$M_s = 6.2$	15.0	3.20	
	SME		5.0	0.58				LE		15.0	5.70	
	LZ	$M_s = 5.2$	22.0	2.24				LZ	$M_s = 5.4$	22.0	2.60	
KSH	P	04 53 25.5	1.4			CD2	74.7 20	P	05 54 46.2	-1.2		
	pP	04 53 35.5	5.6					LN	$M_s = 6.2$	15.0	6.60	
	S	05 02 12.7	0.9					LZ	$M_s = 5.9$	15.0	4.70	
	LE	$M_s = 5.9$	6.0	1.30		WHN	77.7 29	eP	05 55 03.0	-1.4		
APR 6d 04h 45m $09.6 \pm 0.05s$, SD1.52 / 26								LN	$M_s = 6.2$	12.0	2.09	
15.91 N $\pm 1.03km$, 147.61 E $\pm 0.83km$, h35 $\pm 0.09km$								LE		14.0	4.05	
Marianas region (215)								XAN	79.0 23	P	05 55 11.0	-1.1
$m_b 5.1 / 7$,								LZH	79.6 19	-P	05 55 16.0	0.8
SSE	28.5 307	-P	04 51 02.5	-1.2				PMZ	$m_b = 5.5$	2.0	0.12	
		PMZ	$m_b = 5.3$	0.8	0.050			PMZ	$m_B = 5.8$	6.0	0.64	
CN2	33.6 330	eP	04 51 53.0	4.1				pP	05 55 25.0	4.6		
APR 6d 05h 08m $00.6 \pm 0.04s$, SD1.19 / 97								LN	$M_s = 6.1$	11.0	1.20	
15.10 N $\pm 0.84km$, 147.68 E $\pm 0.65km$, h34 $\pm 0.11km$								LE		14.0	3.50	
Marianas region (215)								LZ	$M_s = 5.9$	20.0	5.10	
$M_s 4.8 / 2$, $m_b 4.8 / 19$,								KSH	80.3 356	eP	05 55 18.0	-1.0
SSE	29.0 308	P	05 13 57.5	-2.3				sP	05 55 30.0	3.1		
NJ2	31.2 308	-P	05 14 17.0	-2.4				S	06 05 23.0	1.0		
WHN	34.2 302	eP	05 14 44.5	-0.9				LN	$M_s = 6.0$	14.0	3.20	
BJI	37.0 318	eP	05 15 10.0	0.4				NJ2	80.7 32	-P	05 55 25.4	4.3
		PMZ	$m_b = 5.0$	1.5	0.039			S	06 05 30.0	3.6		
TIY	38.4 313	eP	05 15 24.4	3.0				LN	$M_s = 6.1$	14.0	2.26	
XAN	39.7 305	P	05 15 31.5	-0.1				LE		12.0	2.58	
GYA	39.8 293	P	05 15 35.0	2.1				LZ	$M_s = 5.2$	20.0	1.04	
		pP	05 15 44.0	1.8				SSE	80.9 34	eP	05 55 25.5	3.8
HHC	40.5 316	eP	05 15 39.5	1.1				PMZ	$m_b = 5.1$	1.4	0.030	
BTO	41.4 315	eP	05 15 46.0	0.0				eS	06 05 32.0	2.6		
LZH	44.3 307	-P	05 16 10.0	0.6				LN	$M_s = 6.0$	13.0	1.79	
		PMZ	$m_b = 5.3$	2.0	0.098			LE		13.0	1.66	
		pP	05 16 20.0	1.3				LZ	$M_s = 5.1$	20.0	0.92	

GTA	81.9	15	P	05 55 26.8	-0.6				DL2	81.9	314	eP	06 21 21.5	-0.1			
			PMZ	$m_b = 5.3$		1.2	0.040					eS	06 31 33.0	1.0			
			PMZ	$m_b = 6.0$		5.0	0.83					SME			10.0	0.68	
			LE	$M_s = 6.0$		15.0	3.09					LN	$M_g = 5.9$		15.0	2.16	
			LZ	$M_s = 5.8$		16.0	3.38					LE			15.0	1.60	
TIY	83.5	25	eP	05 55 37.0	1.4							LZ	$M_g = 5.1$		16.0	0.65	
			LN	$M_s = 6.1$		14.0	3.36		SNY	81.9	317	eP	06 21 21.0	-0.7			
			LZ	$M_s = 5.8$		17.0	3.84					LZ	$M_g = 5.6$		18.0	2.49	
TIA	83.8	29	eP	05 55 37.2	0.4				TIA	84.0	310	-P	06 21 32.5	0.2			
			LN	$M_s = 5.9$		19.0	2.67		BJI	86.2	313	eP	06 21 43.0	-0.2			
			LE			17.0	1.55					PMZ	$m_b = 5.2$		1.4	0.033	
WMQ	84.7	5	P	05 55 43.5	1.9				TIY	88.0	310	-P	06 21 52.4	0.2			
			S	06 06 08.0	1.5							PMZ	$m_b = 5.8$		1.2	0.10	
			SMN			7.0	0.94		GYA	89.0	298	P	06 21 58.0	1.0			
			LZ	$M_s = 5.6$		28.0	3.46		XAN	89.5	305	P	06 21 57.2	-2.0			
BJI	86.9	26	eP	05 55 53.5	1.4				HHC	89.8	313	eP	06 22 00.0	-0.5			
<p>APR 6d 05h 47m 43.4 ± 0.05s, SD2.01 / 90 6.79 S ± 1.08km, 105.13 E ± 1.27km, h32 ± 0.26km South-west of Sumatera (273) $M_s 5.5 / 16, m_b 5.9 / 1, m_b 5.3 / 15$</p>									<p>APR 6d 06h 17m 43.4 ± 0.09s, SD1.14 / 54 15.58 N ± 1.03km, 147.56 E ± 0.58km, h40 ± 0.47km Marianas region (215) $M_s 4.8 / 1, m_b 4.7 / 8,$</p>								
QZN	26.1	10	P	05 53 17.0	0.8				SSE	28.6	307	P	06 23 37.6	-1.0			
			eS	05 57 45.0	1.8				MDJ	32.7	336	eP	06 24 13.0	-1.7			
			LN	$M_s = 5.6$		15.0	8.10		WHN	33.8	302	eP	06 24 24.5	0.0			
			LE			14.0	4.40		BJI	36.6	318	eP	06 24 50.0	1.8			
GYA	33.1	3	P	05 54 19.0	0.1							epP	06 24 59.0	0.3			
			PMZ	$m_b = 5.9$		5.0	1.00		XAN	39.3	305	P	06 25 11.1	0.4			
			pP	05 54 30.0	2.2				GYA	39.5	293	P	06 25 14.0	1.4			
			S	05 59 36.0	2.1				BTO	41.0	315	eP	06 25 26.2	1.5			
			LN	$M_s = 5.6$		15.0	3.20		LZH	43.9	306	eP	06 25 49.0	0.5			
			LE			15.0	5.70					PMZ	$m_b = 5.0$		2.0	0.051	
			LZ	$M_s = 4.9$		22.0	2.60		GTA	47.9	309	eP	06 26 21.6	1.5			
CD2	37.5	358	P	05 54 56.2	-0.3				WMQ	57.7	312	P	06 27 33.3	0.3			
			LN	$M_s = 5.7$		15.0	6.60		KSH	66.2	307	eP	06 28 30.0	0.1			
			LZ	$M_s = 5.4$		15.0	4.70		<p>APR 6d 06h 30m 11.0 ± 0.04s, SD1.11 / 149 15.51 N ± 0.75km, 147.63 E ± 0.68km, h33 ± 0.11km Marianas region (215) $M_s 4.9 / 1, m_b 5.3 / 36,$</p>								
WHN	38.2	13	eP	05 55 03.0	1.1				SSE	28.7	307	+P	06 36 05.8	-1.8			
			PP	05 56 38.0	5.6							PMZ	$m_b = 5.1$		1.0	0.040	
			S	06 00 56.0	4.0				QZH	28.8	294	eP	06 36 07.3	-0.8			
			LN	$M_s = 5.6$		12.0	2.09		NJ2	30.9	307	+P	06 36 26.0	-1.3			
			LE			14.0	4.05		MDJ	32.8	336	-P	06 36 42.7	-1.0			
			LZ	$M_s = 4.6$		20.0	0.92					pP	06 36 54.0	1.1			
SSE	40.7	21	eP	05 55 25.5	2.7				SNY	33.4	326	-P	06 36 48.2	-1.1			
			PMZ	$m_b = 4.9$		1.4	0.030		WHN	33.9	302	-P	06 36 53.7	0.2			
			eS	06 01 32.0	1.0							PMZ	$m_b = 5.6$		0.7	0.070	
			SS	06 04 25.0	-1.7				CN2	33.9	331	eP	06 36 52.6	-1.0			
			LN	$M_s = 5.4$		13.0	1.79		TIA	34.1	313	eP	06 36 54.4	-0.6			
			LE			13.0	1.66		QZN	36.2	281	P	06 37 13.3	0.3			
			LZ	$M_s = 4.6$		20.0	0.92					eS	06 42 52.0	1.5			
XAN	40.8	5	P	05 55 21.0	-2.6				BJI	36.7	318	eP	06 37 17.0	-0.2			
NJ2	40.8	18	-P	05 55 25.4	1.7							PMZ	$m_b = 5.4$		1.5	0.092	
			S	06 01 30.0	-1.5				TIY	38.1	312	eP	06 37 28.5	-0.7			
			LN	$M_s = 5.5$		14.0	2.26		XAN	39.4	305	P	06 37 39.5	-0.2			
			LE			12.0	2.58		GYA	39.6	293	-P	06 37 42.8	1.2			
			LZ	$M_s = 4.7$		20.0	1.04					PMZ	$m_b = 5.6$		1.0	0.10	
CN2	53.6	18	+P	05 57 05.0	0.7				HHC	40.2	316	P	06 37 45.5	-0.6			
			PMZ	$m_b = 5.6$		1.0	0.080		BTO	41.1	315	eP	06 37 55.0	1.2			
			epP	05 57 10.0	-3.6				CD2	42.9	299	P	06 38 08.2	0.0			
			eS	06 04 36.0	1.6				<p>APR 6d 06h 09m 03.1 ± 0.06s, SD1.31 / 192 15.12 S ± 1.26km, 172.09 W ± 0.99km, h33 ± 0.20km Samoa region (169) $M_s 5.7 / 3, m_b 5.2 / 35,$</p>								
			LN	$M_s = 5.5$		15.0	1.50		MDJ	79.6	322	eP	06 21 08.5	-0.8			
			LE			15.0	1.50		CN2	81.7	320	-P	06 21 19.6	-0.9			
			LZ	$M_g = 5.3$		16.0	2.10										
MDJ	55.7	21	eP	05 57 16.0	-3.6												



WHN	33.8	302	eP	12 10	44.0	-2.9		
QZN	36.2	281	eP	12 11	04.6	-2.6		
BJI	36.5	318	eP	12 11	10.5	0.4		
			PMZ		$m_b = 5.0$		1.5	0.039
			LZ		$M_s = 4.4$		20.0	0.60
TIY	38.0	312	eP	12 11	23.3	1.0		
			S	12 17	08.0	-2.8		
			sS	12 17	32.9	5.2		
			LN		$M_s = 4.4$		13.0	0.32
			LZ		$M_s = 4.5$		22.0	0.78
XAN	39.3	305	P	12 11	33.0	0.0		
GYA	39.6	293	P	12 11	35.8	0.4		
HHC	40.0	316	+P	12 11	40.5	1.5		
			eS	12 17	43.0	0.6		
			LN		$M_s = 4.4$		14.0	0.32
BTO	40.9	315	eP	12 11	47.0	0.2		
CD2	42.8	299	P	12 12	00.7	-1.0		
KMI	42.9	290	eP	12 12	03.5	0.0		
LZH	43.9	306	-P	12 12	11.0	0.2		
			PMZ				3.0	0.16
			pP	12 12	20.0	-0.3		
			sP	12 12	26.0	1.7		
GTA	47.8	309	P	12 12	42.4	0.1		

APR 6d 14h 08m 07.5 ± 0.04s, SD1.11 / 55
 2.49 S ± 0.46km, 139.26 E ± 0.88km, h33 ± 0.05km
 West Irian (201)
 $m_b 4.9 / 9$,

QZH	33.8	325	eP	14 14	48.5	-0.9		
GYA	42.7	315	P	14 16	05.0	1.7		
XAN	46.2	324	P	14 16	31.6	-0.2		
TIY	47.1	331	eP	14 16	39.4	0.7		
BJI	47.3	336	eP	14 16	39.5	-0.9		
CD2	47.4	317	P	14 16	41.9	0.9		
MDJ	47.7	351	eP	14 16	42.0	-1.3		
CN2	47.7	346	P	14 16	44.0	0.4		
BTO	50.5	331	eP	14 17	05.0	-0.3		
LZH	50.6	323	+P	14 17	07.0	0.7		
GTA	55.2	323	+iP	14 17	40.6	0.3		
WMQ	65.2	321	P	14 18	47.5	-0.8		

APR 6d 14h 31m 45.8 ± 0.04s, SD1.22 / 209
 21.59 S ± 0.88km, 174.19 W ± 0.77km, h28 ± 0.11km
 Tonga region (174)
 $M_s 5.9 / 2$, $m_b 5.7 / 7$, $m_b 5.5 / 50$

QZH	80.0	302	eP	14 43	54.0	-0.9		
SSE	81.1	308	-P	14 43	59.4	-1.6		
			PMZ		$m_b = 5.4$		1.4	0.060
			eS	14 54	10.0	2.0		
NJ2	83.3	308	+P	14 44	12.5	0.2		
			sP	14 44	20.5	-4.1		
MDJ	83.5	323	+P	14 44	13.2	0.1		
			PMZ		$m_b = 5.6$		1.2	0.080
			epP	14 44	17.5	-4.3		
			esP	14 44	20.7	-4.7		
			SMN				18.0	0.91
DL2	85.0	315	+P	14 44	21.0	0.4		
			PMZ		$m_b = 5.4$		10.0	0.38
			S	14 54	46.0	0.8		
			SME				16.0	0.59
SNY	85.3	318	+iP	14 44	22.0	-0.5		
			PMZ		$m_b = 5.9$		8.0	0.85
			sP	14 44	33.0	-1.7		
			eS	14 54	48.0	-2.5		
			SMN				20.0	0.97
			SME				20.0	0.60
CN2	85.4	321	+P	14 44	21.2	-1.3		
			PMZ		$m_b = 5.8$		1.0	0.10

			PMZ		$m_b = 6.1$			
			pP	14 44	28.0	-3.2		
			eS	14 54	46.0	-4.5		
WHN	86.0	305	+P	14 44	26.2	0.7		
			PMZ		$m_b = 6.0$		1.6	0.23
			sP	14 44	35.0	-2.8		
TIA	86.6	311	+P	14 44	29.2	0.3		
BJI	89.2	314	eP	14 44	40.5	-0.5		
			PMZ		$m_b = 6.0$		2.0	0.25
			PMZ		$m_b = 6.0$		4.0	0.48
GYA	90.3	298	+iP	14 44	47.8	1.4		
TIY	90.7	311	-iP	14 44	49.0	0.9		
			PMZ		$m_b = 5.8$		1.4	0.090
			S	14 55	42.0	3.5		
XAN	91.6	306	+P	14 44	53.0	0.5		
			PMZ		$m_b = 5.4$		1.4	0.030
HHC	92.7	313	P	14 44	57.5	0.1		
KMI	93.0	296	+P	14 45	00.5	1.4		
			pP	14 45	12.0	4.4		
BTO	93.6	312	eP	14 45	02.0	0.3		
CD2	94.4	301	eP	14 45	05.6	0.5		
LZH	96.3	306	+P	14 45	14.0	0.2		
			PMZ		$m_b = 6.1$		2.0	0.098
			pP	14 45	22.0	-0.3		
			LZ		$M_s = 5.0$		20.0	0.50
GTA	100.4	308	eP	14 45	32.0	-0.7		

APR 6d 14h 57m 19.5 ± 0.03s, SD1.20 / 258
 15.21 N ± 0.71km, 147.62 E ± 0.70km, h15 ± 0.10km
 Marianas region (215)
 $M_s 6.0 / 57$, $m_b 6.3 / 27$, $m_b 5.9 / 79$

QZH	28.9	294	P	15 03	19.0	-1.1		
			PMZ		$m_b = 6.3$		6.0	3.18
			pP	15 03	27.0	0.7		
			PP	15 04	16.0	3.2		
			S	15 08	07.0	-0.8		
			sS	15 08	22.0	2.9		
			LN		$M_s = 5.9$		16.0	13.3
			LE				16.0	14.1
			LZ		$M_s = 5.8$		28.0	34.9
SSE	28.9	308	-P	15 03	18.0	-2.2		
			PMZ		$m_b = 5.9$		1.0	0.23
			PMZ		$m_b = 6.1$		7.0	2.77
			pP	15 03	26.0	-0.4		
			PP	15 04	18.0	5.1		
			S	15 08	06.0	-2.0		
			SS	15 09	36.0	0.3		
			LN		$M_s = 5.9$		13.0	4.28
			LE				15.0	15.0
			LZ		$M_s = 5.9$		20.0	28.9
NJ2	31.1	308	-P	15 03	38.0	-1.9		
			pP	15 03	46.0	-0.1		
			PP	15 04	40.0	-1.6		
			S	15 08	39.0	-3.9		
			LN		$M_s = 6.1$		17.0	14.1
			LE				16.0	18.8
			LZ		$M_s = 5.7$		20.0	16.8
DL2	32.8	321	-P	15 03	54.0	-1.2		
			PMZ		$m_b = 5.9$		1.0	0.18
			PMZ		$m_b = 6.2$		7.0	2.50
			pP	15 04	02.0	0.6		
			sP	15 04	09.0	4.6		
			S	15 09	09.0	-1.3		
			SMN				28.0	8.21
			SME				26.0	7.72
			LN		$M_s = 5.8$		12.0	3.40
			LE				12.0	7.04
			LZ		$M_s = 5.6$		30.0	19.9

MDJ	33.1	336	-P	15 03 56.0	-1.0				S	15 10 53.0	-0.4			
			PMZ	$m_b = 5.9$		1.8	0.38		LN	$M_s = 6.1$		18.0	12.6	
			PMZ	$m_B = 6.2$		6.0	2.43		LE			17.0	10.5	
			PP	15 05 03.0	-4.1			GYA	39.7	293	-P	15 04 55.0	1.3	
			S	15 09 07.0	-6.5				PMZ				3.0	1.70
			LN	$M_s = 5.8$		14.0	9.36		S	15 10 58.4	2.6			
			LZ	$M_s = 5.9$		20.0	24.7		LN	$M_s = 5.8$		15.0	5.20	
GZH	33.3	289	+P	15 04 00.0	1.3				LE			15.0	5.70	
			PMZ	$m_b = 5.7$		1.2	0.16		LZ	$M_s = 5.7$		24.0	13.2	
			PMZ	$m_B = 6.3$		6.0	3.26	HHC	40.4	316	-iP	15 04 59.0	0.0	
			S	15 09 14.0	-2.6				pP	15 05 07.0	1.9			
			LN	$M_s = 6.0$		17.0	14.3		S	15 11 05.0	-0.4			
			LE			20.0	13.2		LN	$M_s = 6.0$		15.0	6.62	
			LZ	$M_s = 5.9$		36.0	41.2		LE			17.0	9.59	
SNY	33.7	327	-iP	15 04 00.0	-2.4			BTO	41.3	315	-iP	15 05 07.0	0.4	
			PMZ			16.0	2.93		PMZ	$m_B = 6.2$		4.0	1.67	
			pP	15 04 08.0	-0.7				pP	15 05 16.5	3.8			
			PP	15 05 14.0	-0.4				S	15 11 21.0	1.9			
			S	15 09 20.6	-2.6				sS	15 11 36.5	6.0			
			SMN			30.0	10.7		LN	$M_s = 6.2$		18.0	18.0	
			SME			28.0	8.16		LE			15.0	5.60	
			LN	$M_s = 5.8$		17.0	11.0	CD2	43.0	299	P	15 05 20.4	0.0	
			LE			15.0	5.71		PMZ	$m_b = 6.1$		1.4	0.45	
			LZ	$M_s = 6.0$		33.0	47.0		PP	15 07 06.0	3.7			
WHN	34.1	302	-P	15 04 06.0	0.1				S	15 11 46.0	1.9			
			PMZ	$m_b = 6.1$		1.2	0.35		LN	$M_s = 6.1$		15.0	12.5	
			PMZ	$m_B = 6.3$		8.0	3.82		LZ	$M_s = 5.8$		23.0	12.8	
			pP	15 04 15.7	3.5			KMI	43.1	291	-iP	15 05 22.5	1.0	
			S	15 09 28.0	-1.5				PMZ	$m_b = 6.0$		2.5	0.60	
			LN	$M_s = 6.0$		16.0	9.41		sP	15 05 35.0	4.5			
			LE			16.0	14.3		S	15 11 51.0	5.3			
			LZ	$M_s = 5.7$		20.0	14.4		LE	$M_s = 6.4$		18.0	29.7	
CN2	34.2	331	-P	15 04 06.5	-0.4			LZH	44.1	306	-P	15 05 30.5	0.5	
			PMZ	$m_b = 5.6$		1.0	0.10		PMZ	$m_b = 5.7$		2.5	0.30	
			PMZ	$m_B = 6.1$		6.0	2.00		pP	15 05 38.0	1.9			
			pP	15 04 09.0	-4.1				sP	15 05 41.5	2.4			
			PP	15 05 25.0	4.2				PP	15 07 15.0	1.2			
			eS	15 09 31.0	-1.0				S	15 12 00.0	-1.0			
			PcS	15 10 27.0	-1.2				sS	15 12 17.0	4.4			
			LN	$M_s = 6.1$		15.0	15.0		SS	15 15 14.0	3.0			
			LE			15.0	15.0		LN	$M_s = 6.1$		16.0	8.90	
			LZ	$M_s = 6.1$		18.0	33.0		LE			16.0	11.8	
TIA	34.3	313	-P	15 04 07.1	-0.7			GTA	48.1	310	-iP	15 06 02.0	0.3	
			pP	15 04 14.5	0.4				PMZ	$m_b = 5.7$		1.4	0.16	
			LN	$M_s = 5.9$		16.0	14.5		pP	15 06 09.5	1.7			
QZN	36.3	281	eP	15 04 24.5	0.0				PP	15 07 58.0	5.6			
			PP	15 05 48.0	1.2				S	15 12 59.0	0.9			
			eS	15 10 03.0	-1.0				sS	15 13 16.0	6.2			
			sS	15 10 21.0	6.5				ScS	15 15 55.0	4.5			
			LE	$M_s = 6.1$		17.0	21.3		LE	$M_s = 6.3$		16.0	18.1	
BJI	36.9	318	eP	15 04 29.0	-1.1			LSA	53.7	296	-P	15 06 45.0	1.2	
			PMZ	$m_b = 6.2$		1.5	0.59		LZ	$M_s = 6.2$		20.0	26.7	
			PMZ	$m_B = 6.4$		5.0	3.14		pP	15 06 54.0	4.2			
			ePP	15 05 54.0	-1.6				S	15 14 20.0	5.7			
			eS	15 10 12.0	-2.3				LE	$M_s = 5.7$		19.0	4.07	
			LN	$M_s = 6.0$		17.0	12.8		WMQ	58.0	312	-iP	15 07 14.0	-0.6
			LE			18.0	12.6			PMZ			3.0	3.11
			LZ	$M_s = 6.1$		24.0	33.8		sP	15 07 27.0	3.3			
TIY	38.3	313	-P	15 04 42.0	0.1				PcP	15 08 00.0	-5.5			
			PMZ	$m_b = 5.9$		1.6	0.31		PP	15 09 28.0	4.2			
			pP	15 04 49.5	1.3				S	15 15 12.5	0.8			
			S	15 10 37.0	2.4				SS	15 19 06.0	1.8			
			LN	$M_s = 5.8$		14.0	8.13		LN	$M_s = 5.9$		16.0	4.76	
			LZ	$M_s = 6.0$		24.0	25.7		LZ	$M_s = 6.1$		24.0	20.1	
XAN	39.6	305	-P	15 04 52.0	-0.3			KSH	66.4	307	+P	15 08 12.0	0.8	
			PMZ	$m_b = 6.1$		1.5	0.46		pP	15 08 22.0	4.6			
			PMZ	$m_B = 6.3$		6.0	3.50							
			pP	15 05 02.0	3.5									

PP	15 10 44.0	5.4		
S	15 17 01.0	2.7		
LE	$M_s = 6.6$	18.0	21.8	

APR 6d 16h 31m $34.0 \pm 0.04s$, SD1.26 / 161
 25.99 S $\pm 1.33km$, 175.88 W $\pm 0.81km$, h32 $\pm 0.05km$
 South of Fiji (171)
 $M_s 5.5 / 8$, $m_b 6.0 / 4$, $m_b 5.5 / 32$

QZH	81.0 303	eP	16 43 47.5	-0.6		
SSE	82.7 310	P	16 43 54.4	-2.2		
		PMZ	$m_b = 5.1$	1.0	0.020	
NJ2	84.9 309	-iP	16 44 08.4	0.8		
MDJ	86.1 324	-P	16 44 14.0	0.3		
		PMZ	$m_b = 5.3$	1.0	0.030	
DL2	87.0 316	eP	16 44 21.0	2.7		
		PMZ	$m_b = 6.0$	5.0	0.72	
		eS	16 54 52.0	-1.9		
		SMN		20.0	0.91	
		LN	$M_s = 5.4$	15.0	0.65	
		LZ	$M_s = 5.3$	22.0	1.26	
WHN	87.2 306	+eP	16 44 20.0	0.7		
		PMZ	$m_b = 5.6$	1.0	0.050	
		pP	16 44 33.5	4.8		
		S	16 54 52.0	-2.1		
		LE	$M_s = 5.4$	12.0	0.49	
SNY	87.6 319	eP	16 44 20.6	-0.6		
CN2	87.8 322	P	16 44 21.0	-1.0		
		PMZ	$m_b = 5.9$	1.0	0.10	
		PMZ	$m_b = 6.0$	6.0	0.70	
		pP	16 44 34.0	2.5		
		eS	16 54 55.0	-6.2		
		LN	$M_s = 5.6$	15.0	0.90	
		LE		15.0	0.60	
		LZ	$M_s = 5.5$	18.0	1.80	
TIA	88.4 312	+P	16 44 25.0	0.2		
GYA	91.0 299	P	16 44 38.0	0.6		
BJI	91.1 315	eP	16 44 38.5	0.8		
		PMZ	$m_b = 5.4$	1.6	0.042	
		PMZ	$m_b = 6.0$	5.0	0.48	
		eSKS	16 55 04.0	-0.4		
		eS	16 55 28.0	-3.6		
		LZ	$M_s = 5.5$	24.0	1.91	
TIY	92.4 311	eP	16 44 44.0	0.5		
		SKS	16 55 16.0	4.6		
		S	16 55 34.5	-6.1		
		sS	16 55 55.0	-3.2		
		LN	$M_s = 5.5$	16.0	0.78	
		LZ	$M_s = 5.4$	22.0	1.69	
XAN	93.0 306	P	16 44 46.4	0.1		
KMI	93.5 296	+P	16 44 50.0	1.0		
HHC	94.5 313	eP	16 44 52.0	-1.5		
CD2	95.3 302	eP	16 44 58.2	1.1		
BTO	95.4 313	eP	16 44 59.0	1.4		
LZH	97.6 306	eP	16 45 09.0	1.5		
		sP	16 45 24.0	3.4		
GTA	101.9 308	eP	16 45 26.8	-0.1		

APR 6d 19h 40m $06.4 \pm 0.11s$, SD2.61 / 52
 14.66 N $\pm 1.96km$, 147.16 E $\pm 2.43km$, h36 $\pm 0.27km$
 Marianas (216)
 $m_b 4.6 / 7$

SSE	28.9 309	P	19 46 08.5	4.3		
		pP	19 46 19.0	5.1		
WHN	34.0 303	eP	19 46 52.0	2.7		
TIY	38.4 313	eP	19 47 24.6	-1.7		
XAN	39.5 306	P	19 47 40.0	4.2		
GYA	39.5 294	P	19 47 36.4	0.4		
HHC	40.5 317	P	19 47 48.0	4.3		

BTO	41.4 316	eP	19 47 48.0	-3.2		
CD2	42.9 300	P	19 48 08.0	4.6		
LZH	44.1 307	eP	19 48 12.5	-1.2		
		PMZ	$m_b = 4.8$	1.6	0.023	
		pP	19 48 20.0	-3.5		
GTA	48.2 310	eP	19 48 42.4	-3.3		
WMQ	58.0 313	P	19 50 03.0	4.3		

APR 6d 22h 38m $44.8 \pm 0.04s$, SD1.08 / 149
 15.07 N $\pm 0.63km$, 147.58 E $\pm 0.65km$, h36 $\pm 0.23km$
 Marianas region (215)
 $M_s 4.6 / 9$, $m_b 5.3 / 2$, $m_b 5.2 / 37$

QZH	28.9 294	eP	22 44 42.0	-0.8		
SSE	28.9 308	-P	22 44 42.0	-1.2		
		PMZ	$m_b = 5.2$	0.8	0.040	
		PP	22 45 38.0	1.3		
		S	22 49 32.0	2.6		
		sS	22 49 48.0	1.5		
		LE	$M_s = 4.2$	10.0	0.21	
		LZ	$M_s = 4.4$	20.0	0.92	
NJ2	31.2 308	+P	22 45 01.8	-1.1		
DL2	32.9 321	eP	22 45 20.0	1.6		
		LZ	$M_s = 4.1$	15.0	0.29	
MDJ	33.2 336	eP	22 45 19.0	-1.5		
SNY	33.8 327	+P	22 45 23.6	-2.1		
		eS	22 50 44.0	-2.1		
		LZ	$M_s = 4.6$	16.0	0.82	
WHN	34.1 303	-P	22 45 29.2	0.5		
		pP	22 45 37.5	-1.1		
		PcP	22 48 06.2	1.2		
CN2	34.3 331	eP	22 45 29.5	-0.7		
QZN	36.3 282	P	22 45 47.1	0.2		
BJI	37.0 318	eP	22 45 53.0	-0.2		
		PMZ	$m_b = 5.3$	1.7	0.092	
		LZ	$M_s = 4.3$	24.0	0.57	
TIY	38.4 313	-P	22 46 05.2	0.3		
		S	22 52 02.5	6.4		
		LN	$M_s = 4.8$	20.0	1.00	
		LZ	$M_s = 4.4$	30.0	0.94	
XAN	39.6 306	P	22 46 15.0	0.0		
GYA	39.7 293	P	22 46 17.8	1.6		
		PcP	22 48 24.0	1.9		
		S	22 52 19.0	2.4		
HHC	40.4 317	P	22 46 22.0	0.0		
		S	22 52 28.0	1.0		
		LZ	$M_s = 4.6$	15.0	0.59	
BTO	41.4 315	P	22 46 30.0	0.4		
		pP	22 46 40.0	0.7		
		ePP	22 48 10.0	1.8		
		S	22 52 42.0	1.4		
		LN	$M_s = 4.6$	14.0	0.30	
		LE		14.0	0.30	
CD2	43.0 299	P	22 46 43.0	-0.1		
KMI	43.1 291	+P	22 46 45.5	1.5		
		pP	22 46 49.5	-4.2		
LZH	44.2 307	-P	22 46 53.5	0.7		
		PMZ	$m_b = 5.5$	2.0	0.14	
		pP	22 47 04.0	1.4		
		eS	22 53 24.0	0.4		
		LZ	$M_s = 4.6$	20.0	0.70	
GTA	48.2 310	-P	22 47 25.0	0.5		
		PMZ	$m_b = 5.3$	1.4	0.060	
		PMZ	$m_b = 5.5$	6.0	0.43	
		PcP	22 48 52.0	1.2		
		S	22 54 22.0	2.6		
		LZ	$M_s = 4.6$	20.0	0.66	
LSA	53.7 296	P	22 48 08.2	1.8		
WMQ	58.0 312	P	22 48 37.0	-0.3		

KSH	66.5 307	PMZ	$m_b = 5.2$	1.5	0.050
		pP	22 48 48.0	0.7	
		S	22 56 36.0	3.2	
		P	22 49 34.0	0.3	
		eS	22 58 21.5	0.8	

APR 6d 23h 42m $58.4 \pm 0.07s$, SD1.08 / 32
 25.73 S $\pm 1.25km$, 176.12 W $\pm 0.99km$, h33 $\pm 0.18km$
 South of Fiji (171)
 $m_b 5.1 / 8$,

NJ2	84.5 309	+P	23 55 31.0	0.8	
WHN	86.9 306	+P	23 55 43.2	1.2	
		PMZ	$m_b = 5.5$	1.0	0.040
CN2	87.5 322	+P	23 55 44.5	-0.2	
TIA	88.1 312	+P	23 55 48.0	0.5	
BJI	90.8 315	eP	23 56 01.0	0.5	
TIY	92.0 311	eP	23 56 06.6	0.3	
XAN	92.7 307	P	23 56 09.5	0.4	
CD2	95.0 302	eP	23 56 20.8	0.8	

APR 7d 02h 44m $30.4 \pm 0.10s$, SD1.41 / 107
 26.17 S $\pm 1.34km$, 175.91 W $\pm 0.89km$, h24 $\pm 0.41km$
 South of Fiji (171)
 $M_s 5.4 / 6$, $m_b 5.8 / 1$, $m_b 5.3 / 34$

QZH	81.1 303	-P	02 56 46.0	-0.2	
SSE	82.8 310	-P	02 56 54.8	0.0	
		PMZ	$m_b = 4.9$	0.8	0.010
		eS	03 07 07.0	-3.6	
		LE	$M_s = 5.1$	16.0	0.45
		LZ	$M_s = 4.9$	18.0	0.45
NJ2	85.0 309	+P	02 57 06.4	0.6	
MDJ	86.2 324	eP	02 57 12.0	-0.1	
		S	03 07 47.0	4.0	
		SMN		10.0	0.45
DL2	87.1 316	eP	02 57 17.0	0.4	
		PMZ	$m_b = 5.8$	1.4	0.11
		pP	02 57 22.0	-2.4	
		sP	02 57 25.0	-2.7	
		eS	03 07 54.0	0.5	
		LZ	$M_s = 4.8$	20.0	0.37
WHN	87.3 306	+eP	02 57 18.5	1.1	
		PMZ	$m_b = 5.6$	1.0	0.050
		pP	02 57 25.0	-0.3	
SNY	87.8 319	+P	02 57 24.0	4.5	
		S	03 07 52.0	-5.5	
		LZ	$M_s = 5.0$	20.0	0.61
CN2	87.9 322	P	02 57 20.0	-0.4	
		pP	02 57 27.0	-1.3	
TIA	88.5 312	eP	02 57 23.3	0.2	
GYA	91.1 299	P	02 57 36.8	1.4	
BJI	91.2 315	eP	02 57 35.5	-0.5	
		PMZ	$m_b = 5.0$	1.0	0.010
		eS	03 08 32.0	0.9	
		LN	$M_s = 5.7$	12.0	1.10
		LZ	$M_s = 5.0$	24.0	0.64
TIY	92.5 311	eP	02 57 41.8	0.1	
		sP	02 57 52.0	-0.8	
		sS	03 08 51.0	-4.0	
		LE	$M_s = 5.2$	17.0	0.45
		LZ	$M_s = 5.2$	18.0	0.73
XAN	93.1 306	P	02 57 45.0	0.6	
KMI	93.6 296	+P	02 57 48.5	1.4	
		pP	02 57 59.0	4.3	
		sP	02 58 02.0	4.0	
HHC	94.6 313	eP	02 57 55.4	3.6	
		LN	$M_s = 5.6$	8.0	0.39
		LE		9.0	0.38
CD2	95.4 302	P	02 57 57.6	2.4	

BTO	95.5 313	eP	02 57 55.0	-0.8	
		pP	02 58 01.5	-2.0	
		eSKS	03 08 28.0	0.3	
		S	03 09 03.5	-3.0	
		LN	$M_g = 5.5$	16.0	0.50
		LE		16.0	0.50
LZH	97.7 306	eP	02 58 05.0	-0.7	
		LZ	$M_g = 5.0$	20.0	0.50

APR 7d 08h 03m $53.1 \pm 0.04s$, SD2.83 / 8
 26.85 N $\pm 0.29km$, 100.16 E $\pm 0.43km$, h8 $\pm 0.10km$
 Yunnan Province (318)
 $M_L 3.2 / 6$,

CD2	5.1 37	Pn	08 05 14.4	3.9	
		Pg	08 05 25.0	1.4	
		Sg	08 06 34.0	0.3	
		SMN	$M_L = 3.2$	1.0	0.020
		SME		1.0	0.030

APR 7d 18h 25m $56.2 \pm 0.04s$, SD1.25 / 196
 18.02 S $\pm 0.79km$, 168.15 E $\pm 0.84km$, h36 $\pm 0.14km$
 Vanuatu (New Hebrides) (186)
 $M_s 5.2 / 3$, $m_b 5.7 / 2$, $m_b 5.3 / 33$

NJ2	68.6 316	+P	18 37 00.5	2.2	
WHN	70.8 312	eP	18 37 11.5	0.0	
		sP	18 37 31.5	5.6	
DL2	71.4 323	P	18 37 15.0	-0.4	
		PMZ	$m_b = 5.2$	1.0	0.032
MDJ	71.6 332	+iP	18 37 16.0	-0.3	
		PMZ	$m_b = 5.5$	1.1	0.070
		iS	18 46 36.0	4.0	
		LZ	$M_s = 5.0$	24.0	1.00
TIA	72.3 319	eP	18 37 19.8	-1.2	
SNY	72.4 327	+P	18 37 20.0	-1.3	
		PMZ	$m_b = 5.2$	1.0	0.030
		S	18 46 42.0	1.8	
		LN	$M_s = 5.1$	22.0	0.50
		LE		22.0	0.43
		LZ	$M_s = 4.7$	22.0	0.50
CN2	72.9 329	+iP	18 37 23.6	-0.6	
		PMZ	$m_b = 6.0$	1.0	0.20
		PMZ	$m_b = 5.9$	5.0	0.70
		sP	18 37 44.0	5.5	
		eS	18 46 43.0	-4.2	
		LZ	$M_s = 4.7$	20.0	0.40
GYA	74.3 305	P	18 37 32.8	0.4	
BJI	75.3 321	eP	18 37 38.5	0.1	
		PMZ	$m_b = 5.4$	1.8	0.10
		PMZ		3.0	0.41
		eS	18 47 16.0	1.3	
		esS	18 47 36.0	4.4	
		LZ	$M_s = 4.5$	24.0	0.32
TIY	76.2 318	eP	18 37 43.3	-0.4	
		S	18 47 29.0	6.0	
		LZ	$M_s = 5.0$	20.0	0.75
XAN	76.5 313	P	18 37 45.0	-0.3	
KMI	76.8 302	+P	18 37 47.5	0.7	
		LZ	$M_s = 4.9$	22.0	0.60
HHC	78.6 320	+P	18 37 56.0	-1.0	
CD2	78.7 308	P	18 37 57.4	0.2	
BTO	79.4 319	P	18 38 01.5	0.0	
		eS	18 47 56.0	-3.2	
LZH	81.1 312	+P	18 38 11.0	0.4	
		PMZ	$m_b = 5.6$	2.5	0.18
		PMZ	$m_b = 5.5$	8.0	0.42
		eS	18 48 14.0	-3.1	
		LZ	$M_s = 4.8$	25.0	0.50
GTA	85.5 314	+P	18 38 33.0	0.1	

WMQ	95.6	314	PMZ	$m_b = 5.2$	1.2	0.030	PMZ	$m_b = 5.8$	1.6	0.20		
			P	18 39 20.0	-0.1		S	20 32 02.8	5.6			
<p>APR 7d 20h 11m $00.9 \pm 0.02s$, SD0.81 / 257 56.15 N $\pm 0.60km$, 153.92 W $\pm 0.43km$, h33 $\pm 0.09km$ South of Alaska (17) $M_S 5.3 / 19$, $m_b 5.2 / 83$,</p>							<p>KSH 75.8 322 P 20 22 47.5 1.5 eS 20 32 28.5 3.6 KMI 76.5 295 +P 20 22 50.5 0.1 LN $M_S = 5.8$ 11.0 0.50 LE 11.0 1.40 LZ $M_S = 5.7$ 12.0 2.20 QZN 77.8 286 P 20 22 58.2 0.8 LSA 78.3 306 P 20 23 02.0 1.6</p>					
MDJ	47.7	290	eP	20 19 35.3	-1.2		<p>APR 7d 20h 58m $02.6 \pm 0.23s$, SD1.66 / 18 26.12 S $\pm 3.32km$, 176.01 W $\pm 1.86km$, h23 $\pm 0.69km$ South of Fiji (171) $m_b 4.9 / 4$,</p>					
CN2	50.4	292	+iP	20 19 56.5	-1.0		WHN	87.2	306	+P	21 10 50.5	1.2
			PMZ	$m_b = 5.0$	1.0	0.020	TIA	88.4	312	eP	21 10 58.6	3.7
			pP	20 20 04.0	-2.9		TIY	92.4	311	+P	21 11 14.3	0.7
			PP	20 21 53.0	-0.4		<p>APR 7d 21h 27m $33.5 \pm 0.05s$, SD2.49 / 18 31.46 N $\pm 0.40km$, 102.58 E $\pm 0.50km$, h13 $\pm 0.13km$ Sichuan Province (307) $M_L 3.3 / 9$,</p>					
			eS	20 27 08.0	0.5		CD2	1.1	118	iPg	21 27 55.0	1.0
			LN	$M_S = 5.1$	10.0	0.50	Sg	21 28 12.8	3.1			
			LE		10.0	0.50	SMN	$M_L = 3.2$	0.4	0.50		
			LZ	$M_S = 4.9$	18.0	1.20	SME		0.4	0.50		
SNY	52.8	291	+iP	20 20 15.2	-0.1		LZH	4.7	13	ePg	21 29 01.5	4.2
			PMZ	$m_b = 5.7$	1.2	0.12	GYA	6.1	143	Pn	21 29 08.6	4.2
			pP	20 20 21.0	-3.8		Sn	21 30 22.8	6.2			
			eS	20 27 45.0	5.0		Sg	21 30 51.8	6.1			
			LN	$M_S = 5.2$	24.0	1.29	SMN	$M_L = 4.1$	1.4	0.14		
			LE		24.0	1.08	SME		1.4	0.11		
			LZ	$M_S = 4.8$	19.0	0.84	<p>APR 7d 22h 35m $01.8 \pm 0.04s$, SD1.60 / 125 26.68 N $\pm 0.96km$, 127.85 E $\pm 0.88km$, h37 $\pm 0.30km$ Ryukyu Islands (238) $M_S 4.4 / 25$, $M_L 3.9 / 3$, $m_b 4.9 / 1$,</p>					
DL2	55.9	290	eP	20 20 37.0	-1.4		SSE	7.3	309	P	22 36 50.0	1.0
			sP	20 20 47.0	-4.9		pP	22 36 56.8	1.0			
			LZ	$M_S = 4.7$	20.0	0.62	SMN	$M_L = 3.9$	1.0	0.050		
BJI	57.9	295	eP	20 20 52.0	-0.4		SME		1.2	0.040		
			PMZ	$m_b = 5.3$	1.5	0.063	LN	$M_S = 4.2$	10.0	1.03		
			LE	$M_S = 4.9$	14.0	0.43	LE		10.0	1.48		
			LZ	$M_S = 5.0$	17.0	1.11	LZ	$M_S = 3.6$	20.0	0.92		
HHC	59.6	299	P	20 21 04.0	-0.4		QZH	8.5	260	eP	22 37 05.0	-0.8
			LN	$M_S = 5.3$	15.0	0.83	pP	22 37 12.0	-0.7			
			LE		15.0	0.74	sP	22 37 18.0	-0.4			
			LZ	$M_S = 5.3$	16.0	1.90	S	22 38 39.0	-2.3			
BTO	60.5	300	P	20 21 10.5	-0.3		sS	22 38 52.0	-0.7			
			sP	20 21 20.0	-4.2		LE	$M_S = 3.9$	11.0	0.74		
			ePP	20 23 26.0	0.6		LZ	$M_S = 4.0$	16.0	1.43		
			eS	20 29 23.0	0.0		LN	$M_S = 4.4$	10.0	1.08		
			LN	$M_S = 5.3$	13.0	0.90	LE		11.0	1.78		
			LE		13.0	0.50	LZ	$M_S = 4.1$	12.0	1.28		
TIY	61.5	296	+P	20 21 17.8	0.1		WHN	12.5	291	eP	22 38 00.0	0.3
			eS	20 29 31.0	-5.0		PMZ	$m_b = 5.0$	1.6	0.040		
			LN	$M_S = 5.2$	14.0	0.75	pP	22 38 11.5	4.3			
			LZ	$M_S = 5.2$	16.0	1.31	LN	$M_S = 4.4$	11.0	1.15		
SSE	62.1	285	+P	20 21 21.5	0.4		LE		9.0	0.44		
			PMZ	$m_b = 5.3$	1.2	0.050	LN	$M_S = 4.4$	8.0	0.52		
			LE	$M_S = 4.9$	13.0	0.33	<p>APR 7d 22h 35m $01.8 \pm 0.04s$, SD1.60 / 125 26.68 N $\pm 0.96km$, 127.85 E $\pm 0.88km$, h37 $\pm 0.30km$ Ryukyu Islands (238) $M_S 4.4 / 25$, $M_L 3.9 / 3$, $m_b 4.9 / 1$,</p>					
			LZ	$M_S = 4.6$	20.0	0.46	SSE	7.3	309	P	22 36 50.0	1.0
NJ2	62.6	287	+P	20 21 23.9	-0.6		pP	22 36 56.8	1.0			
			PMZ	$m_b = 5.3$	1.1	0.040	SMN	$M_L = 3.9$	1.0	0.050		
WHN	66.1	289	+P	20 21 47.7	0.0		SME		1.2	0.040		
			pP	20 21 53.5	-3.9		LN	$M_S = 4.2$	10.0	1.03		
XAN	66.2	296	P	20 21 48.0	-0.1		LE		10.0	1.48		
GTA	66.3	306	+iP	20 21 47.8	-0.9		LZ	$M_S = 3.6$	20.0	0.92		
			eS	20 30 39.0	4.4		QZH	8.5	260	eP	22 37 05.0	-0.8
			LN	$M_S = 5.5$	15.0	1.46	pP	22 37 12.0	-0.7			
			LZ	$M_S = 5.5$	16.0	2.39	sP	22 37 18.0	-0.4			
LZH	67.0	301	+P	20 21 53.5	-0.2		S	22 38 39.0	-2.3			
			PMZ	$m_b = 5.4$	2.0	0.11	sS	22 38 52.0	-0.7			
			pP	20 22 00.0	-3.2		LE	$M_S = 3.9$	11.0	0.74		
			LN	$M_S = 5.4$	15.0	0.90	LZ	$M_S = 4.0$	16.0	1.43		
			LE		15.0	0.90	LN	$M_S = 4.4$	10.0	1.08		
			LZ	$M_S = 5.3$	18.0	1.70	LE		11.0	1.78		
WMQ	67.7	316	P	20 21 57.5	-0.3		LZ	$M_S = 4.1$	12.0	1.28		
			LZ	$M_S = 5.4$	16.0	1.73	WHN	12.5	291	eP	22 38 00.0	0.3
CD2	71.3	298	P	20 22 19.8	0.1		PMZ	$m_b = 5.0$	1.6	0.040		
GZH	72.6	285	+P	20 22 28.8	1.2		pP	22 38 11.5	4.3			
GYA	73.4	293	P	20 22 32.8	0.3		LN	$M_S = 4.4$	11.0	1.15		
							LE		9.0	0.44		
							LN	$M_S = 4.4$	8.0	0.52		

BJI	16.5	327	LZ	$M_s=4.2$	16.0	1.06	APR 8d 04h 34m $25.2 \pm 0.03s$, SD1.42 / 144 36.24 N $\pm 1.05km$, 141.85 E $\pm 0.77km$, h16 $\pm 0.39km$ Near east coast of Honshu (228) $M_s 4.7 / 25$, $m_b 4.9 / 51$,						
			eP	22 38 53.0	0.8		MDJ	12.5	316	eP	04 37 30.0	3.9	
			PMZ	$m_b=4.4$	1.2	0.024				PMZ	$m_b=5.0$	1.0	0.030
			eS	22 41 56.0	2.7					LN	$M_s=4.4$	12.0	1.34
			LN	$M_s=4.3$	14.0	0.86				LZ	$M_s=4.5$	16.0	2.67
			LZ	$M_s=4.2$	15.0	0.87				+P	04 37 54.0	-0.1	
TIY	17.0	314	-P	22 39 00.5	1.3		CN2	14.6	306	PMZ	$m_b=5.1$	1.0	0.040
			pP	22 39 10.0	2.9					epP	04 37 58.0	-1.2	
			S	22 42 10.0	4.6					eS	04 40 39.0	1.8	
			sS	22 42 24.0	5.2					LN	$M_s=4.6$	13.0	2.00
			LE	$M_s=4.2$	13.0	0.63				LE		13.0	0.70
			LZ	$M_s=4.4$	14.0	1.43				LZ	$M_s=4.5$	14.0	2.00
CN2	17.2	354	P	22 39 03.0	2.0		SNY	15.3	297	-P	04 38 02.4	0.5	
			PMZ	$m_b=4.6$	1.0	0.030				pP	04 38 07.4	0.3	
			LN	$M_s=4.7$	13.0	2.00				sP	04 38 11.6	0.7	
			LE		13.0	0.70				eS	04 40 50.0	-1.3	
			LZ	$M_s=4.6$	14.0	2.00				LN	$M_s=4.8$	13.0	1.43
XAN	17.9	299	+P	22 39 10.0	0.2					LE		14.0	2.46
			S	22 42 26.0	1.3					LZ	$M_s=4.6$	16.0	2.70
			LN	$M_s=4.3$	12.0	0.51				eP	04 38 16.0	1.1	
			LE		12.0	0.52				PMZ	$m_b=4.8$	1.0	0.040
MDJ	18.0	4	eP	22 39 14.0	3.5					sP	04 38 25.0	1.1	
QZN	18.2	249	eP	22 39 13.5	-0.6		DL2	16.3	285	eS	04 41 16.0	1.2	
			eS	22 42 31.0	-2.3					LN	$M_s=4.8$	13.0	1.56
			LN	$M_s=4.4$	14.0	1.10				LE		10.0	1.54
GYA	19.0	274	P	22 39 23.6	0.7					LZ	$M_s=4.5$	16.0	2.11
			pP	22 39 32.0	1.1					P	04 38 35.5	-0.6	
			S	22 42 55.0	6.4					PMZ	$m_b=4.4$	0.6	0.010
			LN	$M_s=4.7$	12.0	0.80				LE	$M_s=4.3$	12.0	0.73
			LE		12.0	1.30				LZ	$M_s=3.9$	20.0	0.55
			LZ	$M_s=4.4$	14.0	1.10	SSE	17.9	259	LZ	$M_s=4.5$	16.0	2.11
HHC	19.5	320	eP	22 39 28.0	-1.2					P	04 38 35.5	-0.6	
			pP	22 39 38.0	0.3					PMZ	$m_b=4.4$	0.6	0.010
			eS	22 42 59.0	-3.4					LE	$M_s=4.3$	12.0	0.73
			LN	$M_s=4.3$	12.0	0.49				LZ	$M_s=4.0$	16.0	0.47
			LE		10.0	0.26	NJ2	19.5	264	-P	04 38 52.5	-2.0	
			LZ	$M_s=4.4$	12.0	0.99				sP	04 39 03.0	-0.6	
BTO	20.3	318	eP	22 39 36.0	-1.3					LZ	$M_s=4.0$	16.0	0.47
			pP	22 39 45.0	-1.3		TIA	19.9	277	eP	04 38 57.2	-2.6	
			eS	22 43 15.0	-3.1					PMZ	$m_b=4.4$	1.6	0.030
			LN	$M_s=4.4$	13.0	0.40				eP	04 39 04.0	-1.9	
			LE		14.0	0.70				PMZ	$m_b=4.2$	1.0	0.012
CD2	21.5	287	P	22 39 47.8	-2.2					eS	04 42 48.0	-2.2	
			S	22 43 39.0	-1.7					LN	$M_s=4.5$	14.0	1.03
			LN	$M_s=4.7$	10.0	1.10				LZ	$M_s=4.3$	16.0	0.87
			LZ	$M_s=4.3$	16.0	0.80	TIY	23.5	282	eP	04 39 34.7	-1.1	
LZH	22.5	301	+P	22 39 59.0	-0.8					sS	04 43 54.0	-1.5	
			PMZ	$m_b=4.8$	1.6	0.066				LE	$M_s=4.9$	14.0	1.93
			pP	22 40 09.0	-0.1					LZ	$M_s=5.0$	14.0	3.21
			eS	22 44 04.0	4.4		WHN	23.6	264	eP	04 39 36.5	-0.2	
			LE	$M_s=4.5$	15.0	0.90				pP	04 39 43.0	0.1	
			LZ	$M_s=4.3$	18.0	0.90				iPP	04 40 10.0	1.4	
KMI	22.6	272	eP	22 40 02.0	0.9					LN	$M_s=4.7$	12.0	0.79
GTA	26.6	306	-iP	22 40 36.3	-2.8					LE		12.0	0.73
			PMZ	$m_b=4.8$	0.8	0.020				LZ	$M_s=4.5$	16.0	1.19
			LN	$M_s=4.4$	10.0	0.44	HHC	24.1	290	eP	04 39 39.6	-1.7	
			LZ	$M_s=4.4$	14.0	0.70				LN	$M_s=4.5$	15.0	0.96
WMQ	36.6	308	P	22 42 04.6	-1.9					LZ	$M_s=4.5$	17.0	1.20
							BTO	25.2	290	eP	04 39 52.0	-0.6	
										sP	04 40 03.0	1.2	
										eS	04 44 13.0	-2.3	
										LN	$M_s=4.8$	14.0	0.50
										LE		14.0	1.40
							XAN	27.0	275	P	04 40 08.4	0.0	
							GZH	27.9	250	-P	04 40 19.0	1.9	
							LZH	30.6	281	eP	04 40 41.0	0.0	
										PMZ	$m_b=5.0$	2.5	0.067
										pP	04 40 50.0	2.9	
										eS	04 45 40.0	-1.3	
APR 7d 22h 47m $45.3 \pm 0.05s$, SD3.63 / 6 31.49 N $\pm 0.62km$, 102.34 E $\pm 0.23km$, h28 $\pm 0.88km$ Sichuan Province (307) $M_L 3.4 / 3$,													
CD2	1.3	115	iPg	22 48 06.4	-3.2								
			Sg	22 48 24.2	-4.1								
			SMN	$M_L=3.2$	0.6	0.30							
			SME		0.6	0.50							
GYA	6.3	142	Pg	22 49 38.2	1.7								

LSA	7.1 269	LE		7.0	12.8	DL2	20.3 58	LN	$M_S=4.9$	12.0	2.74
		LZ	$M_S=4.8$	10.0	6.10			LZ	$M_S=4.8$	10.0	2.10
		Pn	19 15 38.8	3.1				-iP	19 18 31.5	1.4	
		Sn	19 17 03.0	4.2				PMZ	$m_b=5.1$	1.5	0.13
		LN	$M_S=4.8$	8.0	3.39			pP	19 18 35.0	0.0	
GYA	7.4 117	LE		7.0	3.64	KSH	21.4 303	eS	19 22 14.0	0.6	
		Pn	19 15 41.4	2.7				LE	$M_S=4.4$	12.0	0.67
		Sn	19 17 01.0	-3.9				LZ	$M_S=4.2$	15.0	0.66
		Sg	19 17 46.0	4.7				-P	19 18 42.8	1.8	
		LN	$M_S=5.3$	9.0	16.6			S	19 22 37.5	4.5	
GTA	9.4 2	LE		9.0	8.60	SNY	22.8 52	LE	$M_S=4.9$	12.0	2.30
		eP	19 16 10.8	2.0				+P	19 18 56.2	1.3	
		PMZ	$m_b=4.7$	2.0	0.060			eS	19 22 58.0	-1.6	
		PMZ	$m_B=5.1$	6.0	0.43			LN	$M_S=4.7$	12.0	0.79
		LN	$M_S=4.6$	10.0	3.06			LE		12.0	0.96
WHN	13.0 84	LZ	$M_S=4.6$	12.0	3.73	CN2	24.9 49	LZ	$M_S=4.7$	10.0	1.41
		-P	19 16 58.0	0.0				+P	19 19 15.6	0.6	
		PMZ	$m_b=5.2$	1.0	0.050			PMZ	$m_b=5.0$	1.0	0.050
		pP	19 17 00.0	-2.2				PMZ	$m_B=5.5$	4.0	0.70
		S	19 19 22.4	-0.8				pP	19 19 20.0	0.0	
TIY	13.3 51	LN	$M_S=5.1$	9.0	3.81			eS	19 23 36.0	0.6	
		LE		10.0	3.28			LN	$M_S=5.0$	11.0	1.80
		LZ	$M_S=4.7$	12.0	3.01			LE		11.0	0.50
		eP	19 16 57.9	-4.3				LZ	$M_S=4.8$	10.0	1.50
		PP	19 17 12.0	-0.3							
BTO	13.7 37	LN	$M_S=5.0$	7.0	3.07	APR 8d 23h 10m $39.6 \pm 0.08s$, SD2.28 / 7					
		LZ	$M_S=4.7$	10.0	2.54	23.58 N $\pm 0.48km$, 121.51 E $\pm 0.52km$, h8 $\pm 0.03km$					
		P	19 17 08.0	0.9		Taiwan (244)					
		sP	19 17 12.0	-2.7		$M_L 3.6 / 6,$					
		eS	19 19 38.0	-2.2		QZH	3.0 298	-iPn	23 11 28.9	1.2	
GZH	14.3 116	LN	$M_S=5.3$	11.0	5.70			iSn	23 12 03.9	-1.8	
		LE		11.0	5.90			SMN	$M_L=3.6$	0.3	0.38
		eP	19 17 13.4	-2.1				SME		0.6	0.13
		eP	19 17 18.2	-0.3							
		eS	19 20 00.0	-0.8							
QZN	14.5 137	SS	19 20 16.0	-0.8		APR 9d 02h 49m $29.8 \pm 0.05s$, SD1.66 / 112					
		LN	$M_S=5.4$	9.0	5.96	22.85 N $\pm 0.73km$, 121.47 E $\pm 0.72km$, h7 $\pm 0.19km$					
		LE		9.0	4.99	Taiwan (244)					
		P	19 17 20.5	0.2		$M_S 4.6 / 35, M_L 4.8 / 9, m_B 4.8 / 1,$					
		sP	19 17 28.5	0.5		QZH	3.4 309	+iPn	02 50 24.0	1.0	
HHC	14.7 39	PP	19 17 35.0	3.5				Sn	02 51 02.8	-2.3	
		sS	19 20 10.5	-0.2				SMN	$M_L=4.8$	0.6	2.70
		LN	$M_S=5.3$	9.0	4.30			SME		0.8	2.82
		LE		9.0	5.60			LE	$M_S=4.5$	4.0	3.36
		LZ	$M_S=5.0$	12.0	5.30			LZ	$M_S=4.3$	11.0	4.56
TIA	16.1 63	eP	19 17 39.7	0.7		GZH	7.5 273	-P	02 51 22.3	0.0	
		PMZ	$m_b=4.4$	1.2	0.020			LN	$M_S=4.3$	10.0	1.05
		LE	$M_S=4.2$	10.0	0.50			LE		10.0	1.54
		P	19 17 47.5	2.4				+P	02 51 33.0	0.6	
		LN	$M_S=4.6$	8.0	1.08			PMZ	$m_b=4.6$	1.0	0.030
WMQ	16.6 329	LZ	$M_S=4.5$	15.0	1.73	SSE	8.2 358	SMN	$M_L=4.6$	1.2	0.20
		eP	19 17 47.0	-1.3				SME		1.0	0.11
		LN	$M_S=5.0$	8.0	1.57			LE	$M_S=4.2$	11.0	1.41
		LE		8.0	1.71			eP	02 51 50.0	0.4	
		LZ	$M_S=4.4$	12.0	1.15			S	02 53 35.0	-2.0	
NJ2	16.8 78	eP	19 17 51.0	0.9		NJ2	9.5 346	LN	$M_S=4.6$	7.0	1.49
		PMZ	$m_b=5.2$	1.5	0.18			LE		8.0	1.76
		PMZ	$m_B=5.1$	4.0	0.40			LZ	$M_S=4.0$	13.0	1.14
		S	19 21 00.0	2.4				P	02 51 55.7	-0.8	
		LN	$M_S=5.0$	8.0	2.34			PMZ	$m_b=5.0$	1.2	0.070
BJI	17.0 50	LZ	$M_S=4.7$	10.0	1.92	WHN	10.0 322	sP	02 52 05.0	1.4	
		eP	19 18 00.0	-0.4				LZ	$M_S=4.6$	12.0	3.26
		eS	19 21 16.0	-1.0				P	02 52 17.7	-0.1	
		LN	$M_S=4.9$	10.0	2.33			PP	02 52 26.5	-0.2	
		LZ	$M_S=4.7$	10.0	1.91			eS	02 54 24.5	-3.3	
QZH	17.8 102	eP	19 18 13.6	0.5		QZN	11.5 253	LN	$M_S=4.6$	13.0	1.40
		PMZ	$m_b=4.8$	1.0	0.040			LE		14.0	2.80
		eS	19 21 40.0	-0.3				eP	02 52 47.6	-1.4	
								LN	$M_S=4.5$	14.0	0.75

GYA	13.9 288	LE		13.0	1.70	PMZ	$m_b = 4.7$		0.8	0.020	
		P	02 52 50.8	0.4		eS	02 59 16.0	2.8			
		pP	02 52 58.0	3.7		LE	$M_s = 4.6$		10.0	0.67	
		SMN			2.0	0.73	LZ	$M_s = 4.4$		15.0	0.88
		SME			2.0	0.62	WMQ	34.8 315 P	02 56 23.2	-0.2	
		LN	$M_s = 4.9$		10.0	2.90					
XAN	15.7 318	LE		10.0	1.00	APR 9d 03h 30m $10.5 \pm 0.21s$, SD2.90 / 5					
		LZ	$M_s = 4.4$		14.0	1.80	23.76 N $\pm 1.35km$, 121.08 E $\pm 1.21km$, $h5 \pm km$				
		P	02 53 13.0	0.0			Taiwan (244)				
		S	02 56 06.0	-0.8			$M_L 3.1 / 3$,				
		LN	$M_s = 5.2$		6.0	2.49	QZH	2.6 298 +iPn	03 30 53.0	0.1	
		LE			6.0	2.12		Sn	03 31 30.4	4.0	
DL2	16.0 0	eP	02 53 18.0	0.7			SMN	$M_L = 3.1$	0.6	0.12	
		eS	02 56 14.0	-1.2			SME		0.7	0.090	
		LN	$M_s = 4.3$		11.0	0.67					
TIY	16.7 334	LZ	$M_s = 4.2$		10.0	0.70	APR 9d 06h 00m $08.5 \pm 0.04s$, SD1.10 / 98				
		eP	02 53 28.2	1.6			15.74 N $\pm 0.75km$, 147.61 E $\pm 0.68km$, $h11 \pm 0.13km$				
		S	02 56 27.0	-4.4			Marianas region (215)				
		SS	02 56 56.0	4.7			$M_s 4.6 / 6$, $m_b 5.3 / 2$, $m_b 5.0 / 25$				
		LN	$M_s = 5.1$		11.0	3.92	SSE	28.6 307 eP	06 06 06.5	-0.4	
		LZ	$M_s = 5.0$		12.0	4.58		eS	06 10 50.0	-3.6	
KMI	17.3 281	-P	02 53 30.0	-3.5			LE	$M_s = 4.3$	16.0	0.45	
		pP	02 53 40.0	2.6			LZ	$M_s = 4.2$	20.0	0.55	
		LN	$M_s = 4.6$		12.0	1.00	MDJ	32.6 336 +P	06 06 42.5	0.0	
		LE			12.0	1.10		PMZ	$m_b = 4.8$	1.2	0.020
		LZ	$M_s = 4.6$		13.0	1.80	CN2	33.7 331 eP	06 06 51.6	-1.0	
		P	02 53 40.2	1.3			epP	06 07 03.0	4.9		
CD2	17.7 301	PMZ	$m_b = 5.0$		1.0	0.070	eS	06 12 12.0	-3.0		
		eS	02 56 58.0	3.4			LN	$M_s = 4.6$	14.0	0.50	
		LN	$M_s = 4.8$		9.0	1.54	LE		14.0	0.40	
		LZ	$M_s = 4.7$		12.0	2.04	LZ	$M_s = 4.7$	16.0	1.20	
		eP	02 53 40.0	1.1			WHN	33.8 302 -iP	06 06 54.5	1.4	
		PMZ	$m_b = 4.4$		1.0	0.018		sP	06 07 06.0	4.4	
BJI	17.7 347	LN	$M_s = 4.3$		10.0	0.54	eS	06 12 15.0	-1.0		
		LZ	$M_s = 4.0$		16.0	0.52	LZ	$M_s = 4.4$	16.0	0.59	
		eP	02 53 40.0	1.1			BJI	36.5 318 eP	06 07 16.5	0.0	
		PMZ	$m_b = 4.4$		1.0	0.018		PMZ	$m_b = 5.2$	1.5	0.066
		LN	$M_s = 4.3$		10.0	0.54		eS	06 12 56.0	-2.3	
		LZ	$M_s = 4.0$		16.0	0.52		LN	$M_s = 4.7$	18.0	0.84
SNY	19.0 5	eP	02 53 56.8	2.0			LZ	$M_s = 4.3$	24.0	0.57	
		S	02 57 27.0	3.8			TIY	38.0 312 eP	06 07 30.0	1.4	
		LN	$M_s = 4.5$		17.0	1.46		S	06 13 23.0	3.7	
		LZ	$M_s = 4.2$		16.0	0.88		ScP	06 13 29.0	-1.3	
		P	02 54 04.2	0.3			LE	$M_s = 4.5$	15.0	0.43	
		PP	02 54 23.0	1.2			LZ	$M_s = 4.3$	20.0	0.50	
HHC	19.8 337	eS	02 57 40.0	-1.8			XAN	39.3 305 P	06 07 38.6	-0.8	
		LN	$M_s = 4.6$		11.0	0.91	GYA	39.5 293 P	06 07 43.2	1.6	
		LE			11.0	0.35	CD2	42.7 299 P	06 08 07.6	-0.4	
		LZ	$M_s = 4.2$		19.0	0.86	KMI	42.9 290 +P	06 08 11.5	1.9	
		P	02 54 07.0	-1.0			LZH	43.8 306 +P	06 08 17.5	0.4	
		pP	02 54 15.0	2.4			PMZ	$m_b = 5.3$	2.0	0.094	
BTO	20.2 334	PP	02 54 27.5	0.6			PMZ	$m_b = 5.5$	5.0	0.39	
		eS	02 57 45.0	-4.6			eS	06 14 48.0	0.1		
		LN	$M_s = 5.2$		12.0	3.80	LZ	$M_s = 4.4$	20.0	0.50	
		LE			12.0	3.00	GTA	47.8 309 -iP	06 08 49.0	0.3	
		+P	02 54 08.0	-0.4			PMZ	$m_b = 5.3$	1.4	0.060	
		PMZ	$m_b = 4.8$		2.0	0.094	LZ	$M_s = 4.6$	20.0	0.66	
LZH	20.2 315	pP	02 54 16.5	3.6			WMQ	57.6 312 +iP	06 10 02.5	0.8	
		sP	02 54 19.5	3.5			PMZ	$m_b = 5.4$	1.2	0.060	
		eS	02 57 47.0	-3.3			S	06 18 01.0	3.9		
		sS	02 57 58.0	1.2			KSH	66.1 307 eP	06 11 01.0	2.2	
		LN	$M_s = 4.7$		10.0	0.50					
		LE			10.0	1.10	APR 9d 08h 38m $45.6 \pm 0.06s$, SD1.49 / 68				
CN2	21.2 8	LZ	$M_s = 4.5$		15.0	1.50	15.48 N $\pm 0.91km$, 146.86 E $\pm 1.09km$, $h35 \pm 0.22km$				
		eP	02 54 19.0	0.9			Marianas (216)				
		pP	02 54 27.0	4.1			$M_s 4.5 / 2$, $m_b 4.8 / 16$,				
		eS	02 58 08.0	-1.0			SSE	28.1 308 P	08 44 36.5	-0.4	
		LN	$M_s = 4.4$		14.0	0.40		PMZ	$m_b = 4.6$	0.8	0.010
		LE			14.0	0.70					
MDJ	22.7 15	LZ	$M_s = 4.5$		14.0	1.20					
		eP	02 54 34.0	0.3							
GTA	24.7 317	P	02 54 53.6	0.1							



WHN	33.3	302	LE		$M_s=4.2$	15.0	0.38
			LZ		$M_s=4.2$	20.0	0.55
BJI	36.2	318	eP	08 45	25.2	2.5	
			P	08 45	47.5	-0.1	
			S	08 51	24.0	-0.3	
			esS	08 51	44.0	2.8	
			LZ		$M_s=4.1$	22.0	0.37
TIY	37.6	313	eP	08 46	02.2	3.0	
			eS	08 51	49.0	2.8	
			LE		$M_s=4.7$	20.0	0.98
			LZ		$M_s=4.5$	20.0	0.75
XAN	38.8	305	P	08 46	10.0	0.8	
GYA	38.9	293	P	08 46	12.0	1.6	
BTO	40.6	315	eP	08 46	24.5	0.5	
CD2	42.2	299	P	08 46	37.6	0.2	
LZH	43.4	306	-P	08 46	48.0	0.8	
			PMZ		$m_b=5.2$	2.0	0.070
			pP	08 46	59.0	2.3	
			eS	08 53	13.0	0.1	
			LZ		$M_s=4.4$	20.0	0.50
GTA	47.4	310	P	08 47	19.2	0.1	
LSA	52.9	296	P	08 48	02.1	0.8	
WMQ	57.3	312	P	08 48	33.0	0.3	

APR 9d 09h 31m $09.2 \pm 0.04s$, SD1.29 / 223
 25.78 S \pm 1.31km, 175.98 W \pm 0.91km, h17 \pm 0.06km
 South of Fiji (171)
 $M_s 5.9 / 41$, $m_b 6.2 / 19$, $m_b 5.7 / 60$

QZH	80.9	303	P	09 43	24.5	-0.1	
			eS	09 53	26.0	-5.4	
			SKS	09 53	35.0	-1.6	
			LE		$M_s=5.8$	18.0	2.53
			LZ		$M_s=5.6$	19.0	2.82
SSE	82.5	310	P	09 43	31.0	-2.1	
			PMZ		$m_b=5.4$	1.4	0.050
			PMZ		$m_b=5.7$	6.0	0.47
			pP	09 43	43.5	3.8	
			S	09 53	43.0	-3.5	
			SKS	09 53	49.0	1.1	
			sS	09 54	02.0	2.7	
			LN		$M_s=5.8$	16.0	1.56
			LE			16.0	1.63
			LZ		$M_s=5.4$	20.0	1.84
GZH	83.9	299	+iP	09 43	42.0	1.6	
			PMZ		$m_b=6.3$	7.0	2.02
			LE		$M_s=5.7$	15.0	1.40
			LZ		$M_s=5.5$	20.0	2.13
NJ2	84.7	309	+P	09 43	45.4	1.3	
			S	09 54	06.0	-2.2	
			LN		$M_s=5.8$	17.0	1.69
			LE			16.0	1.18
			LZ		$M_s=5.4$	18.0	1.55
QZN	84.7	294	eP	09 43	44.6	0.2	
			PP	09 47	00.5	-0.4	
			eS	09 54	05.5	-4.9	
			LN		$M_s=5.9$	16.0	1.30
			LE			16.0	1.91
MDJ	85.9	324	eP	09 43	50.5	0.3	
			PMZ		$m_b=5.5$	1.0	0.040
			PMZ		$m_b=6.3$	6.0	1.74
			SKS	09 54	13.0	2.1	
			S	09 54	20.0	-0.1	
			SME			20.0	6.66
			LN		$M_s=5.7$	16.0	1.52
			LZ		$M_s=5.7$	20.0	2.80
DL2	86.8	316	eP	09 43	55.0	0.2	
			PMZ		$m_b=6.2$	1.5	0.33
			PMZ		$m_b=6.2$	4.0	0.79

			pP	09 44	05.0	3.5	
			eSKS	09 54	12.0	-5.1	
			eS	09 54	26.0	-4.9	
			SMN			7.0	0.82
			SME			10.0	1.13
			LE		$M_s=5.9$	18.0	2.83
			LZ		$M_s=5.5$	22.0	2.20
WHN	87.0	306	+P	09 43	57.0	1.1	
			PMZ		$m_b=6.1$	1.5	0.24
			PMZ		$m_b=6.3$	6.0	1.72
			S	09 54	27.0	-4.4	
			LZ		$M_s=5.6$	18.0	1.94
SNY	87.4	319	-iP	09 43	57.0	-0.7	
			PMZ		$m_b=5.8$	1.6	0.13
			S	09 54	34.0	-0.9	
			SMN			18.0	2.79
			SME			16.0	1.46
			LN		$M_s=6.0$	19.0	2.57
			LE			19.0	2.13
			LZ		$M_s=5.8$	19.0	3.95
CN2	87.6	322	-P	09 43	58.0	-0.6	
			PMZ		$m_b=4.9$	1.0	0.010
			PMZ		$m_b=6.4$	5.0	1.40
			sP	09 44	12.0	3.8	
			SKS	09 54	18.0	-4.0	
			S	09 54	31.0	-5.5	
			LN		$M_s=6.0$	16.0	2.60
			LE			16.0	1.00
			LZ		$M_s=5.9$	16.0	3.80
TIA	88.2	312	eP	09 44	02.0	0.6	
			PMZ		$m_b=6.1$	1.5	0.21
			PMZ		$m_b=6.4$	5.0	1.60
			LN		$M_s=5.9$	16.0	0.37
			LE			16.0	2.10
GYA	90.8	299	P	09 44	14.8	0.7	
			pP	09 44	25.2	4.5	
			sP	09 44	28.0	4.3	
			SKS	09 54	48.0	6.1	
			S	09 55	01.0	-5.4	
			LN		$M_s=6.1$	20.0	2.90
			LE			20.0	3.20
			LZ		$M_s=5.3$	22.0	1.30
BJI	90.9	315	eP	09 44	14.0	-0.3	
			PMZ		$m_b=5.9$	1.8	0.13
			PMZ		$m_b=6.2$	5.0	0.73
			sP	09 44	25.0	1.0	
			eSKS	09 54	36.0	-6.4	
			eS	09 55	06.0	-2.8	
			LN		$M_s=5.9$	18.0	1.68
			LE			18.0	1.75
			LZ		$M_s=5.9$	18.0	3.82
TIY	92.2	311	-iP	09 44	21.0	0.9	
			PMZ		$m_b=6.1$	1.5	0.14
			pP	09 44	32.0	5.3	
			SKS	09 54	54.0	4.6	
			sS	09 55	26.5	-4.4	
			LN		$M_s=5.9$	18.0	2.55
			LZ		$M_s=5.7$	20.0	2.50
XAN	92.8	307	P	09 44	23.5	0.6	
			PMZ		$m_b=5.5$	1.5	0.040
			sP	09 44	38.5	5.9	
			SKS	09 54	53.0	0.0	
			S	09 55	22.0	-1.4	
			LN		$M_s=5.8$	20.0	1.50
			LE			18.0	1.40
KMI	93.4	296	-P	09 44	26.5	0.7	
			PMZ		$m_b=6.3$	2.0	0.30
			pP	09 44	34.0	1.7	



	S	09 55 29.0	0.4		SSE	78.4 311	-P	00 20 34.5	-0.4		
	LN	$M_s = 6.0$	16.0	1.80			PMZ	$m_b = 4.5$		1.0	0.020
	LE		16.0	1.50	TIA	84.1 314	P	00 21 04.5	0.2		
	LZ	$M_s = 5.7$	20.0	2.40	TIY	88.1 313	-P	00 21 23.9	0.7		
HHC	94.3 313	+P	09 44 30.0	-0.1	CD2	91.0 303	P	00 21 38.0	1.3		
	PMZ	$m_b = 5.9$	6.0	0.33	APR 10d 00h 35m $35.3 \pm 0.04s$, SD0.94 / 69						
	S	09 55 34.0	-2.8		15.22 N $\pm 0.74km$, 147.57 E $\pm 0.66km$, h21 $\pm 0.14km$						
	SMN		7.0	1.80	Marianas region (215)						
	SME		8.0	0.94	$M_s 4.9 / 1$, $m_b 4.9 / 17$,						
	sS	09 55 50.0	0.2		SSE	28.8 308	-P	00 41 34.0	-0.9		
	LN	$M_s = 6.0$	20.0	2.92			PMZ	$m_b = 4.7$		0.6	0.010
	LE		19.0	1.81	WHN	34.0 302	+P	00 42 21.5	0.9		
	LZ	$M_s = 5.8$	20.0	3.11			sP	00 42 34.0	2.9		
CD2	95.2 302	P	09 44 35.6	1.7	BJI	36.9 318	eP	00 42 45.0	0.2		
	eSKS	09 55 04.0	-2.1				PMZ	$m_b = 4.8$		1.5	0.026
	eS	09 55 48.0	2.3		TIY	38.3 313	eP	00 42 56.6	0.0		
	LN	$M_s = 6.0$	17.0	2.80	XAN	39.5 305	P	00 43 07.2	0.3		
	LZ	$M_s = 5.4$	21.0	1.50	GYA	39.7 293	P	00 43 10.0	1.7		
BTO	95.2 313	P	09 44 35.0	0.8	HHC	40.3 316	eP	00 43 14.0	0.3		
	SKS	09 55 05.0	-1.5		BTO	41.2 315	eP	00 43 22.0	0.7		
	S	09 55 43.0	-1.4		CD2	42.9 299	P	00 43 35.2	0.1		
	LN	$M_s = 6.1$	18.0	2.00	LZH	44.1 306	-P	00 43 45.0	0.3		
	LE		17.0	2.90			PMZ	$m_b = 4.9$		2.0	0.037
LZH	97.4 306	+P	09 44 44.5	0.3	GTA	48.1 310	-P	00 44 16.6	0.2		
	PMZ	$m_b = 5.8$	2.0	0.042			PMZ	$m_b = 4.9$		1.2	0.020
	PMZ	$m_b = 6.2$	10.0	0.48			LE	$M_s = 4.9$		9.0	0.43
	sP	09 44 56.5	2.8		WMQ	57.9 312	P	00 45 29.0	-0.3		
	PP	09 48 41.0	-1.7				sP	00 45 44.0	4.3		
	eSKS	09 55 20.0	2.0				eS	00 53 32.0	5.1		
	S	09 55 59.0	-3.9		APR 10d 02h 25m $19.0 \pm 0.03s$, SD0.96 / 42						
	LN	$M_s = 5.9$	18.0	1.30	4.41 S $\pm 0.40km$, 136.77 E $\pm 0.59km$, h34 $\pm 0.07km$						
	LE		18.0	1.80	West Irian region (196)						
	LZ	$M_s = 5.8$	20.0	3.10	$m_b 4.9 / 14$,						
GTA	101.7 308	eP	09 45 04.0	0.4	BJI	48.1 339	eP	02 33 57.5	-0.6		
	LE	$M_s = 6.0$	20.0	2.83	CN2	49.1 349	eP	02 34 04.6	-0.8		
	LZ	$M_s = 5.7$	16.0	1.87	MDJ	49.2 353	+P	02 34 06.0	-0.7		
WMQ	111.7 309	PKP	09 49 41.2	-2.8	LZH	50.7 325	-P	02 34 18.5	0.2		
	LZ	$M_s = 5.7$	20.0	1.80			PMZ	$m_b = 5.3$		1.0	0.041
APR 9d 09h 45m $30.0 \pm 0.09s$, SD1.59 / 63											
21.43 S $\pm 0.75km$, 68.43 W $\pm 0.43km$, h116 $\pm 0.84km$											
Chile-Bolivia border region (124)											
$m_b 5.0 / 11$,											
WMQ	150.2 36	PKP	10 05 07.5	4.3	GTA	55.3 326	P	02 34 52.2	-0.2		
GTA	159.4 27	ePKP	10 05 17.4	1.7			PMZ	$m_b = 4.7$		1.0	0.010
APR 9d 13h 15m $22.6 \pm 0.10s$, SD1.16 / 63											
26.27 S $\pm 1.56km$, 175.76 W $\pm 0.88km$, h31 $\pm 0.32km$											
South of Fiji (171)											
$m_b 5.1 / 13$,											
NJ2	85.1 309	-P	13 27 58.0	0.3	WHN	33.8 303	eP	06 49 26.5	-0.1		
MDJ	86.4 324	eP	13 28 07.5	3.6	BJI	36.8 319	eP	06 49 51.0	-1.6		
WHN	87.5 306	eP	13 28 10.0	0.7	TIY	38.1 313	eP	06 50 04.4	0.6		
		pP	13 28 16.5	-2.1			LN	$M_s = 4.5$		12.0	0.35
CN2	88.1 322	+P	13 28 11.0	-1.2			LZ	$M_s = 4.6$		15.0	0.71
TIA	88.7 312	P	13 28 15.2	0.3	XAN	39.3 306	P	06 50 13.2	-0.1		
GYA	91.3 299	P	13 28 27.8	0.6	GYA	39.3 294	P	06 50 14.8	1.4		
BJI	91.4 315	eP	13 28 27.0	-0.8	CD2	42.6 300	P	06 50 41.6	0.8		
		PMZ	$m_b = 5.2$	1.6	LZH	43.9 307	+P	06 50 51.5	0.3		
TIY	92.6 311	-P	13 28 34.1	0.6			PMZ	$m_b = 5.3$		1.6	0.066
XAN	93.2 306	P	13 28 36.8	0.6	GTA	47.9 310	eP	06 51 07.0	1.7		
KMI	93.8 296	-P	13 28 40.5	1.7			PMZ	$m_b = 4.7$		1.0	0.010
HHC	94.8 313	eP	13 28 42.6	-0.9	WMQ	57.8 313	P	06 52 35.0	-1.5		
APR 10d 00h 09m $30.0 \pm 0.02s$, SD0.81 / 55											
23.68 S $\pm 0.36km$, 179.96 W $\pm 0.63km$, h558 $\pm 0.16km$											
South of Fiji (171)											
$m_b 4.7 / 11$,											
APR 10d 17h 01m $00.3 \pm 0.12s$, SD1.67 / 20											
22.50 N $\pm 0.27km$, 119.99 E $\pm 0.53km$, h13 $\pm 0.97km$											
Taiwan region (243)											
$M_L 3.5 / 11$, $m_b 4.8 / 2$,											

QZH	2.8	332	Pn	17 01 45.0	0.4		
			Sn	17 02 18.5	-1.1		
			SMN		$M_L=3.6$	1.0	0.26
			SME			0.8	0.31
GZH	6.2	277	ePg	17 02 51.4	2.2		
			SMN		$M_L=3.7$	1.0	0.050
			SME			1.0	0.040
CD2	16.7	303	P	17 04 58.2	1.7		
BJI	17.8	350	eP	17 05 11.0	1.5		
			PMZ		$m_b=4.9$	1.0	0.060

SSE	42.8	15	eS	22 58 48.0	5.2		
			P	22 52 40.0	0.0		
			PMZ		$m_b=5.2$	1.9	0.040
			sP	22 52 58.5	4.2		
			PcP	22 54 31.3	0.5		
			eS	22 59 00.0	-1.3		
			LZ		$M_B=4.4$	20.0	0.46
NJ2	43.2	11	-P	22 52 44.0	0.7		
			LZ		$M_S=4.2$	20.0	0.31
LSA	43.7	337	-P	22 52 48.9	0.9		
			eS	22 59 19.0	3.2		
			P	22 52 51.5	-0.5		
XAN	44.3	359	PMZ			15.0	0.22
			PMZ		$m_b=5.7$	1.6	0.16
			PMZ		$m_b=5.3$	10.0	0.43
			sP	22 53 24.0	-0.9		
			PP	22 55 03.0	3.3		
			eS	22 59 58.0	1.1		
			LZ		$M_S=4.7$	18.0	0.80
TIA	47.0	8	P	22 53 11.8	-1.6		
TIY	48.0	3	-iP	22 53 20.7	-0.9		
			pP	22 53 30.0	-1.6		
			PP	22 55 16.0	3.8		
			S	23 00 15.5	0.4		
			LN		$M_S=4.8$	13.0	0.48
			LZ		$M_S=4.7$	20.0	0.75
DL2	50.4	12	eP	22 53 40.0	0.2		
			PMZ		$m_b=5.3$	1.0	0.040
			eS	23 00 52.0	2.7		
			LZ		$M_S=4.9$	16.0	0.95
GTA	50.4	350	-iP	22 53 40.6	0.1		
			PMZ		$m_b=5.4$	1.4	0.070
			LZ		$M_S=4.6$	18.0	0.59
BJI	50.6	7	-P	22 53 40.5	-1.1		
			PMZ		$m_b=5.6$	1.0	0.075
			eS	23 00 52.0	-0.6		
			esS	23 01 08.0	-1.6		
			LZ		$M_S=4.2$	28.0	0.34
BTO	50.8	0	P	22 53 42.0	-1.2		
HHC	51.1	2	-P	22 53 44.6	-0.8		
SNY	53.6	13	-P	22 54 01.5	-2.5		
			eS	23 01 28.0	-5.4		
			LZ		$M_S=4.7$	19.0	0.72
CN2	55.9	14	-P	22 54 20.0	-0.8		
			PMZ		$m_b=4.7$	1.0	0.010
			epP	22 54 35.0	4.0		
			PcP	22 55 19.0	0.7		
			eS	23 02 02.0	-2.4		
			LZ		$M_S=4.6$	20.0	0.50
WMQ	57.6	341	P	22 54 32.8	-0.1		
MDJ	57.7	17	eP	22 54 32.0	-1.8		
			PMZ		$m_b=5.2$	1.4	0.040
KSH	58.8	330	P	22 54 40.0	-1.1		
			eS	23 02 42.0	-0.3		

APR 10d 20h 26m $56.4 \pm 0.04s$, SD1.08 / 97
 15.21 N $\pm 0.77km$, 147.54 E $\pm 0.79km$, h26 $\pm 0.14km$
 Marianas region (215)
 $M_S 4.5 / 2$, $m_b 5.0 / 26$

SSE	28.8	308	P	20 32 54.2	-0.8		
			PMZ		$m_b=5.1$	1.2	0.050
NJ2	31.0	308	+P	20 33 13.8	-0.9		
MDJ	33.0	336	eP	20 33 31.0	-1.2		
SNY	33.6	327	eP	20 33 34.0	-3.4		
			LZ		$M_S=4.2$	22.0	0.56
WHN	34.0	302	eP	20 33 40.0	-0.7		
CN2	34.2	331	eP	20 33 40.0	-1.9		
			epP	20 33 47.0	-3.0		
			eS	20 39 06.0	0.2		
			LZ		$M_S=4.3$	20.0	0.60
BJI	36.9	318	eP	20 34 05.0	0.0		
			PMZ		$m_b=5.2$	1.5	0.058
			LZ		$M_S=4.1$	22.0	0.31
TIY	38.3	313	-P	20 34 17.0	0.2		
			eS	20 40 15.0	5.8		
			LE		$M_S=4.3$	13.0	0.24
			LZ		$M_S=4.4$	16.0	0.48
XAN	39.5	305	P	20 34 27.0	0.0		
GYA	39.7	293	P	20 34 30.0	1.6		
HHC	40.3	316	+P	20 34 34.5	0.7		
BTO	41.2	315	P	20 34 41.0	-0.5		
CD2	42.9	299	P	20 34 55.6	0.4		
KMI	43.0	291	+P	20 34 57.5	1.2		
LZH	44.1	306	-P	20 35 05.5	0.7		
			PMZ		$m_b=5.5$	2.0	0.14
			sP	20 35 17.0	0.7		
			LZ		$M_S=4.3$	20.0	0.40
GTA	48.1	310	-P	20 35 36.8	0.3		
			PMZ		$m_b=5.1$	1.2	0.030
LSA	53.6	296	P	20 36 19.6	1.0		
WMQ	57.9	312	P	20 36 50.0	0.6		
KSH	66.4	307	P	20 37 47.0	1.0		

APR 10d 22h 44m $43.7 \pm 0.04s$, SD1.31 / 148
 10.47 S $\pm 0.86km$, 109.61 E $\pm 0.92km$, h37 $\pm 0.30km$
 South of Java (282)
 $M_S 4.9 / 9$, $m_b 5.3 / 4$, $m_b 5.3 / 40$

QZN	29.3	0	P	22 50 45.2	-0.1		
			eS	22 55 39.0	4.2		
			LN		$M_S=4.8$	19.0	1.50
KMI	36.0	349	-P	22 51 46.0	2.0		
			PMZ		$m_b=5.6$	1.5	0.16
			sP	22 52 03.0	5.1		
			eS	22 57 24.0	3.9		
			LE		$M_S=5.1$	15.0	1.70
			LZ		$M_S=4.9$	16.0	1.80
GYA	36.8	356	P	22 51 51.8	1.2		
WHN	41.0	6	-P	22 52 26.5	1.0		
			PMZ		$m_b=5.7$	1.0	0.11
			pP	22 52 37.0	1.5		
CD2	41.5	352	P	22 52 29.8	0.2		
			PMZ		$m_b=5.4$	1.2	0.080

APR 11d 07h 53m $36.9 \pm 0.03s$, SD1.00 / 336
 42.63 N $\pm 0.91km$, 144.04 E $\pm 0.55km$, h70 $\pm 0.16km$
 Hokkaido region (224)
 $M_S 4.8 / 44$, $m_b 5.3 / 7$, $m_b 5.3 / 103$

MDJ	10.7	286	+P	07 56 08.0	-1.1		
			PMZ		$m_b=5.2$	1.0	0.040
CN2	13.6	281	+P	07 56 48.0	-0.4		
			PMZ		$m_b=5.2$	1.0	0.040
			PMZ		$m_b=5.9$	4.0	0.70
			sP	07 57 10.0	0.4		
			S	07 59 22.0	4.0		
			LN		$M_S=4.7$	12.0	2.30

		LE		12.0	1.10				S	08 04	11.0	-0.6		
		LZ	$M_s=4.7$	18.0	4.20				LN		$M_s=4.6$	13.0	0.80	
SNY	15.2 274	-iP	07 57 04.4	-4.3		LZH	31.5 272	+P	07 59	56.0		0.9		
		PMZ	$m_b=5.1$	12.0	1.03			PMZ		$m_b=5.5$		1.0	0.082	
		S	07 59 55.0	0.0				pP	08 00	13.5		2.1		
		LN	$M_s=4.6$	10.0	1.17			PP	08 01	03.0		2.2		
		LE		10.0	0.72			eS	08 04	58.0		0.2		
		LZ	$M_s=4.4$	28.0	2.95			SMN				7.0	0.54	
DL2	17.4 265	eP	07 57 37.0	0.8				sS	08 05	25.0	-1.0			
		pP	07 57 48.0	-2.9				eSS	08 06	53.0	3.5			
		ePP	07 57 54.0	1.5				LN		$M_s=4.8$		12.0	0.83	
		eS	08 00 45.0	-0.5				LZ		$M_s=4.4$		24.0	1.00	
		SMN			6.0 0.76	GTA	33.2 280	+iP	08 00	10.4	0.5			
		esS	08 01 08.0	0.2				PMZ		$m_b=5.2$		0.8	0.030	
		LN	$M_s=4.5$	12.0	0.75			LE		$M_s=4.7$		10.0	0.58	
		LE		11.0	0.84			LZ		$M_s=4.7$		18.0	1.18	
		LZ	$M_s=4.2$	16.0	0.84	CD2	34.0 263	eP	08 00	16.5	-0.1			
BJI	21.0 272	eP	07 58 16.5	-0.8				eS	08 05	35.5	-0.7			
		PMZ	$m_b=4.7$	1.0	0.042			LN		$M_s=4.9$		11.0	0.87	
		eS	08 02 00.0	-2.8				LZ		$M_s=4.6$		12.0	0.63	
		LN	$M_s=4.9$	17.0	2.85	GYA	34.4 254	P	08 00	20.6	0.4			
		LZ	$M_s=4.4$	24.0	1.59			S	08 05	41.0	-0.6			
SSE	21.5 245	eP	07 58 23.3	1.1				ScS	08 10	35.0	2.3			
		ePP	07 58 47.0	-1.9				LN		$M_s=5.1$		15.0	1.30	
		eS	08 02 16.0	4.2				LE				15.0	1.70	
		SS	08 02 50.0	-1.2				LZ		$M_s=4.6$		18.0	1.00	
		LN	$M_s=4.7$	12.0	0.84	QZN	37.2 241	eP	08 00	44.0	0.2			
		LE		11.0	1.10			eS	08 06	25.5	0.0			
		LZ	$M_s=4.4$	18.0	1.34			LN		$M_s=5.1$		13.0	1.38	
TIA	21.7 262	eP	07 58 22.4	-1.5				LE				15.0	1.14	
		S	08 02 16.0	1.7				KMI	38.0 256	eP	08 00	51.0	0.4	
		LN	$M_s=4.6$	13.0	1.14			PMZ		$m_b=5.3$		1.0	0.050	
NJ2	22.6 250	-P	07 58 33.0	0.7				pP	08 01	09.0	1.7			
		pP	07 58 50.0	2.0				S	08 06	38.0	1.4			
		S	08 02 29.0	-0.6				LN		$M_s=4.4$		12.0	0.20	
		LN	$M_s=4.8$	14.0	1.37			LE				12.0	0.20	
		LE		14.0	1.30	WMQ	40.4 292	P	08 01	10.5	0.5			
		LZ	$M_s=4.5$	14.0	1.18			S	08 07	13.0	0.9			
HHC	24.2 277	P	07 58 51.0	2.5				ScS	08 11	09.5	3.2			
		S	08 03 04.0	5.5				LN		$M_s=4.9$		10.0	0.65	
		SMN			6.0 0.74			LZ		$M_s=5.0$		20.0	2.16	
		SME			12.0 1.36	LSA	43.9 271	P	08 01	41.2	1.7			
		LN	$M_s=4.8$	11.0	1.10			eS	08 08	07.0	0.9			
		LE		11.0	0.35	KSH	50.2 291	eP	08 02	28.4	0.3			
TIY	24.6 269	eP	07 58 52.0	0.2				epP	08 02	46.0	0.8			
		pP	07 59 11.5	3.9				ePP	08 04	19.0	-5.7			
		S	08 03 10.0	5.8				eS	08 09	34.0	0.2			
		LN	$M_s=4.8$	16.0	1.82			LZ		$M_s=4.9$		18.0	1.20	
		LZ	$M_s=4.3$	26.0	1.14									
BTO	25.4 277	P	07 59 00.5	0.5										
		pP	07 59 17.0	1.2				APR 11d 11h 31m $49.2 \pm 0.05s$, SD1.02 / 128						
		S	08 03 20.5	1.9				15.28 N $\pm 0.72km$, 147.55 E $\pm 0.58km$, h36 $\pm 0.22km$						
		LN	$M_s=4.8$	12.0	1.20			Marianas region (215)						
		LE		12.0	0.70			$m_b 5.1 / 40,$						
WHN	26.6 253	eP	07 59 11.5	0.9		QZH	28.8 294	eP	11 37	46.0	-0.3			
		PMZ	$m_b=5.0$	1.2	0.040	SSE	28.8 308	-iP	11 37	45.3	-1.0			
		pP	07 59 28.6	1.9				PMZ		$m_b=5.3$		0.8	0.050	
		S	08 03 38.0	0.4		NJ2	31.0 308	+P	11 38	05.0	-1.0			
		LN	$M_s=4.9$	14.0	1.48	DL2	32.7 321	eP	11 38	21.6	0.3			
		LE		12.0	0.49			PMZ		$m_b=5.2$		1.0	0.040	
		LZ	$M_s=4.6$	16.0	1.19	MDJ	33.0 336	+P	11 38	22.7	-0.5			
QZH	27.4 238	eP	07 59 19.1	1.1		SNY	33.6 327	eP	11 38	27.1	-1.4			
		S	08 03 52.0	1.3		WHN	34.0 302	+P	11 38	32.5	0.5			
		sS	08 04 21.0	1.4				PMZ		$m_b=5.4$		1.0	0.060	
		LN	$M_s=4.9$	16.0	1.43			pP	11 38	37.5	-4.3			
		LE		16.0	1.51	CN2	34.1 331	eP	11 38	32.0	-0.9			
XAN	28.7 264	P	07 59 30.0	0.2		BJI	36.8 318	eP	11 38	56.0	-0.2			
		pP	07 59 46.0	0.0				PMZ		$m_b=5.3$		1.5	0.079	
						TIY	38.2 312	-P	11 39	09.4	1.4			

NJ2	14.3	261	LZ			12.0	4.51	SMN			7.0	2.90					
			-iP	20	54	20.0	-0.3	SMN			10.0	3.20					
			PMZ			$m_b = 6.4$		0.8	1.13	LN			11.0	3.30			
			sP	20	55	43.0	-0.8			LE			13.0	3.10			
			S	20	56	53.0	1.8			LZ			18.0	7.30			
			ScP	21	02	08.5	0.0			GYA	26.2	258	P	20	56	16.6	-0.4
			LN					10.0	6.06	pP			20	57	22.0	0.1	
			LE					9.0	2.24	sP			20	58	08.0	4.0	
TIA	14.9	278	LZ			12.0	3.95	PcP			20	59	33.0	0.2			
			-P	20	54	27.2	-0.1	S			21	00	19.0	-2.4			
			PMZ			$m_b = 6.0$		0.7	0.37	ScP			21	02	37.0	0.5	
			sP	20	55	48.0	-4.7			PcS			21	03	13.0	0.9	
			S	20	57	05.5	1.4			ScS			21	06	27.2	1.2	
BJI	15.9	292	ScS	21	05	45.5	-1.0	CD2	26.9	269	-iP	20	56	21.9	-0.8		
			+P	20	54	37.0	-0.9	pP			20	57	29.0	1.4			
			PMZ			$m_b = 5.7$		1.0	0.36	S			21	00	28.0	-3.6	
			PMZ			$m_B = 5.8$		5.0	2.02	QZN	28.0	241	eP	20	56	32.5	0.1
QZH	18.0	239	eS	20	57	24.0	0.0	pP			20	57	41.5	3.3			
			eScS	21	05	47.0	-2.3	eS			21	00	48.5	-1.2			
			+P	20	54	59.0	0.0	sS			21	02	52.0	4.4			
			PMZ			$m_b = 5.9$		1.2	0.68	LN				9.0	3.50		
			sP	20	56	38.0	4.9			GYA	28.5	289	+iP	20	56	36.8	-0.1
WHN	18.4	260	S	20	58	02.0	-0.2	PMZ			$m_b = 5.4$		0.8	0.15			
			ScS	21	05	53.0	-2.3	pP			20	57	47.5	4.5			
			-iP	20	55	04.2	1.1	sP			20	58	29.0	4.2			
TIY	18.6	284	PMZ			$m_b = 6.1$		1.0	0.90	PcP			20	59	39.0	0.8	
			+iP	20	55	05.5	-0.1	S			21	00	56.0	-0.7			
			PMZ			$m_B = 5.3$		10.0	1.27	ScP			21	02	43.2	-0.1	
			S	20	58	18.0	3.9			SS			21	03	02.0	-3.1	
HHC	19.5	293	SMN					6.0	17.4	PcS			21	03	15.2	-3.7	
			SME					6.0	11.0	ScS			21	06	35.6	-0.5	
			LE					10.0	5.35	LN				10.0	2.45		
			LZ					16.0	7.99	LZ				12.0	2.59		
			+P	20	55	13.4	-1.0	KMI	30.0	259	-P	20	56	50.0	-0.1		
			PMZ			$m_b = 5.9$		1.0	0.54	PMZ			$m_b = 5.5$		2.0	0.40	
			S	20	58	29.0	-1.0	pP			20	57	57.5	0.4			
			SMN					10.0	9.59	S			21	01	20.0	-0.2	
			SME					10.0	6.86	SS			21	03	37.0	0.0	
			LN					10.0	5.14	LN				10.0	2.10		
BTO	20.7	292	LE					10.0	5.07	WMQ	37.3	298	+iP	20	57	53.0	1.2
			LZ					11.0	6.52	PMZ			$m_b = 6.2$		2.0	2.63	
			+iP	20	55	22.5	-3.0	pP			20	59	04.0	2.3			
			PMZ			$m_B = 5.5$		7.0	1.60	PP			20	59	28.0	-0.1	
			sP	20	57	06.0	-0.7	PcP			21	00	04.5	1.6			
			S	20	58	45.0	-4.7	S			21	03	13.3	1.3			
XAN	21.9	274	LN			9.0	5.00	SME				6.0	3.91				
			LE			9.0	4.70	PcS			21	03	55.0	5.6			
			P	20	55	37.0	0.1	sS			21	05	22.0	5.6			
			PMZ			$m_b = 5.7$		0.5	0.19	ScS			21	07	24.0	2.1	
			PMZ			$m_B = 5.6$		4.0	1.08	LN				12.0	3.12		
GZH	22.9	243	sP	20	57	26.0	5.6	LZ				12.0	2.84				
			PcP	20	59	22.4	-0.9	LSA	37.6	274	+iP	20	57	56.0	1.4		
			LN					7.0	3.14	pP			20	59	06.0	1.8	
			LE					7.0	2.50	iS			21	03	16.0	-2.2	
			-iP	20	55	47.8	1.4	sS			21	05	20.0	-0.8			
			PMZ			$m_b = 5.8$		0.6	0.25	SMN				6.0	2.01		
			PcP	20	59	26.0	0.6			LE				7.0	0.43		
LZH	25.6	281	S	20	59	31.0	3.9	KSH	46.7	294	-iP	20	59	09.0	1.6		
			ScP	21	02	28.1	0.9	pP			21	00	24.0	4.1			
			LN					14.0	6.30	S			21	05	31.5	3.5	
			LE					11.0	1.60	SME				6.0	3.40		
			LZ					16.0	3.50	LE				9.0	2.70		
			P	20	56	11.5	0.0										
			PMZ			$m_b = 5.1$		2.0	0.16	APR 12d 22h 28m 42.6 ± 0.44s, SD2.10 / 5							
			PMZ			$m_B = 5.2$		3.5	0.40	36.31 N ± 2.66km, 77.75 E ± 3.30km, h11 ± 0.44km							
			pP	20	57	17.5	4.4	Eastern Kashmir									
			sP	20	58	00.0	2.0	(302)									
										M _L 3.6 / 2,							



APR 13d 14h 17m 03.5 ± 0.05s, SD1.56 / 43
7.02 S ± 0.89km, 106.75 E ± 1.13km, h32 ± 0.09km
Java (277)
m_b4.9 / 4,

KMI	32.2	353	eP	14 23 33.5	1.9		
GYA	33.3	360	P	14 23 43.0	2.3		
XAN	40.9	3	P	14 24 44.5	-0.3		
TIY	44.8	6	eP	14 25 13.6	-3.2		
GTA	46.6	353	+P	14 25 32.5	1.1		
			PMZ		m _b = 4.8	0.8	0.010
			PcP	14 27 05.6	1.1		
			ScS	14 35 16.0	-4.2		
CN2	53.3	17	P	14 26 22.0	-0.5		
WMQ	53.5	343	P	14 26 20.0	-3.4		

APR 13d 16h 58m 37.2 ± 0.05s, SD2.86 / 9
26.44 N ± 0.47km, 102.77 E ± 0.34km, h34 ± 0.16km
Yunnan Province (318)
M_L3.4 / 3,

GYA	3.5	89	Pg	16 59 40.0	0.7		
CD2	4.5	11	ePn	16 59 46.4	2.5		
			Sg	17 00 59.4	-0.1		
			SMN		M _L = 3.4	1.2	0.040
			SME			1.2	0.080

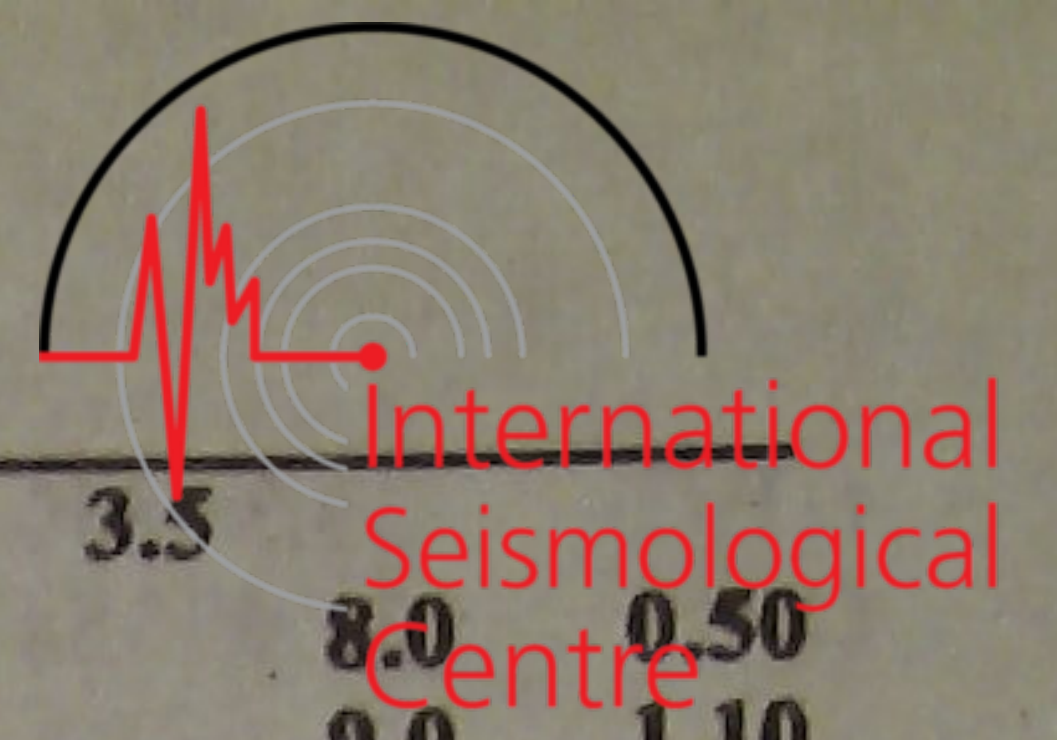
APR 13d 22h 46m 55.1 ± 0.04s, SD1.19 / 125
6.68 S ± 0.64km, 130.51 E ± 1.19km, h16 ± 0.12km
Tanimbar Islands region (281)
m_b5.2 / 23,

SSE	38.6	347	+P	22 54 21.0	1.2		
			PMZ		m _b = 4.9	1.0	0.020
			PcP	22 56 31.7	-0.2		
NJ2	40.1	345	-P	22 54 33.0	0.9		
WHN	40.1	338	+eP	22 54 34.2	1.8		
			PMZ		m _b = 5.2	1.2	0.050
GYA	40.3	326	P	22 54 34.2	0.6		
			PcP	22 56 37.8	0.7		
KMI	41.6	321	+P	22 54 46.0	1.2		
			PMZ		m _b = 5.6	1.0	0.10
			S	23 00 58.0	-1.3		
CD2	45.3	327	eP	22 55 14.0	-0.7		
XAN	45.4	335	P	22 55 15.7	0.5		
TIY	47.3	340	-iP	22 55 30.9	0.6		
BJI	48.3	345	eP	22 55 38.5	0.0		
			PMZ		m _b = 5.3	1.0	0.042
			PcP	22 57 04.5	-0.2		
SNY	48.7	353	+iP	22 55 41.3	0.1		
LZH	49.4	331	P	22 55 47.0	0.4		
			PMZ		m _b = 5.1	1.5	0.038
HHC	50.4	341	eP	22 55 54.7	0.2		
CN2	50.5	355	-P	22 55 54.6	-0.2		
BTO	50.7	340	eP	22 55 56.7	0.0		
LSA	52.3	316	iP	22 56 09.4	0.0		
GTA	53.9	331	+iP	22 56 21.2	0.1		
			PMZ		m _b = 5.1	0.8	0.020
WMQ	63.4	327	+P	22 57 26.5	-0.5		
			PMZ		m _b = 5.2	1.0	0.030
			PP	22 59 45.0	-1.9		
			S	23 05 49.5	-6.9		
KSH	68.2	317	P	22 57 58.0	0.4		

APR 14d 05h 29m 49.8 ± 0.05s, SD1.42 / 170
8.11 N ± 0.90km, 126.66 E ± 1.06km, h66 ± 0.38km
Mindanao (259)
M_s4.8 / 13, m_b5.4 / 42,

QZH	18.4	336	eP	05 34 02.0	-0.2		
			eS	05 37 20.0	-2.3		
			sS	05 37 41.0	-4.3		

		LZ		M _s = 4.4	22.0	1.81	
QZN	19.6	305	eP	05 34 15.5	0.0		
		PP		05 34 35.5	-0.1		
		LN		M _s = 4.8	14.0	1.22	
		LE			18.0	2.42	
GZH	19.6	321	eP	05 34 16.0	0.3		
		pP		05 34 30.0	0.9		
		eS		05 37 54.0	5.4		
		LN		M _s = 4.6	17.0	1.36	
		LE			16.0	1.10	
		LZ		M _s = 4.5	32.0	3.45	
SSE	23.4	348	+P	05 34 54.6	0.6		
		S		05 39 05.0	6.5		
		sS		05 39 24.0	-0.9		
		LN		M _s = 4.3	16.0	0.63	
		LZ		M _s = 4.4	20.0	1.29	
NJ2	24.9	344	eP	05 35 09.0	0.7		
		pP		05 35 24.6	1.2		
		LZ		M _s = 4.1	22.0	0.63	
WHN	25.1	334	+eP	05 35 10.0	-0.3		
		sP		05 35 29.0	-4.8		
		eS		05 39 28.0	0.2		
		LN		M _s = 4.8	18.0	2.08	
		LZ		M _s = 4.4	20.0	1.25	
GYA	26.3	316	P	05 35 24.0	2.2		
		pP		05 35 37.0	0.0		
		PcP		05 38 47.0	0.9		
		S		05 39 52.0	4.8		
		ScP		05 42 21.0	2.2		
		ScS		05 46 10.0	2.5		
		LN		M _s = 5.0	18.0	2.10	
		LE			18.0	1.80	
		LZ		M _s = 4.5	18.0	1.30	
KMI	28.4	309	+P	05 35 41.0	0.2		
		PMZ		m _b = 5.4	1.2	0.10	
		pP		05 35 54.0	-2.0		
		S		05 40 25.0	4.2		
TIA	29.3	344	-P	05 35 47.4	-1.0		
XAN	30.5	330	P	05 35 57.5	-2.1		
DL2	31.0	352	eP	05 36 04.0	0.5		
		epP		05 36 20.0	0.9		
		eS		05 41 04.0	1.5		
		LZ		M _s = 4.3	20.0	0.62	
CD2	31.2	320	eP	05 36 04.0	-1.2		
		eS		05 41 07.5	2.0		
		LN		M _s = 4.8	15.5	1.30	
		LZ		M _s = 4.8	18.0	1.82	
TIY	32.2	339	-iP	05 36 13.2	-0.6		
		eS		05 41 26.0	5.0		
		LN		M _s = 4.8	21.0	1.71	
		LZ		M _s = 4.7	22.0	1.56	
BJI	33.1	345	eP	05 36 21.0	-1.3		
		PMZ		m _b = 5.1	1.0	0.030	
		PcP		05 39 05.0	1.5		
		eS		05 41 32.0	-4.1		
		eScP		05 42 43.0	2.3		
		LZ		M _s = 4.3	24.0	0.64	
SNY	33.7	356	-P	05 36 27.0	0.0		
		pP		05 36 43.7	0.9		
		eS		05 41 48.0	3.5		
		LZ		M _s = 4.7	22.0	1.50	
LZH	34.8	327	eP	05 36 36.0	-0.4		
		PMZ		m _b = 5.4	1.4	0.080	
		pP		05 36 51.0	-1.2		
		sP		05 37 03.0	2.8		
		eS		05 42 00.0	-1.6		
		ScP		05 42 48.5	2.1		
		LE		M _s = 4.3	13.0	0.30	



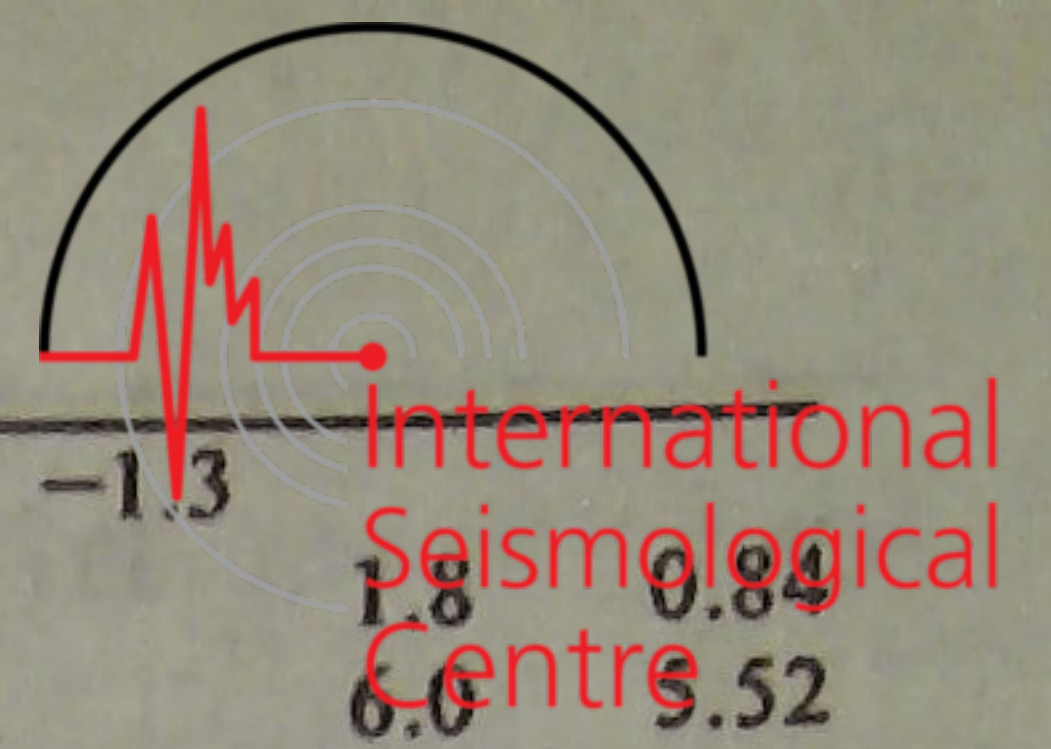
GTA	35.4	300	ScP	08 11 40.0	3.1	1.2	0.49	GZH	10.5	271	+P	10 33 19.2	3.5	8.0	0.50									
			ScS	08 15 37.0	1.1			LN			$M_g=4.4$	9.0	1.10											
			eP	08 06 31.4	0.4			LE																
			PMZ	$m_b=5.9$				WHN	11.8	310	eP	10 33 33.0	-0.2											
			PcP	08 08 47.5	-1.2			pP			10 33 42.0	3.4												
LSA	42.8	285	ScP	08 11 51.6	2.1	6.0	0.48	eS				10 35 44.0	-1.0	12.0	2.09									
			S	08 11 29.0	-3.8			LN			$M_g=4.6$	12.0	1.46											
			+P	08 07 33.0	1.7			LE																
			pP	08 08 57.0	-0.4			LZ			$M_g=4.2$	12.0	1.21											
			sP	08 09 47.0	-0.9			TIA	14.5	335	eP	10 34 11.2	1.7											
WMQ	44.9	306	S	08 13 23.0	2.4	3.0	3.74	LN				$M_g=4.4$	12.0	0.60										
			SME					LE				12.0	1.00											
			-iP	08 07 48.4	0.9			QZN	14.5	256	eP	10 34 07.7	-2.2											
			PMZ					eS			10 36 47.5	-3.8												
			PcP	08 09 20.0	0.5			LE			$M_g=4.4$	13.0	1.32											
KSH	53.9	300	PP	08 09 43.5	4.7	6.0	1.80	DL2	15.8	351	+P	10 34 28.0	1.2	14.0	1.14									
			ScP	08 12 28.5	2.1			eS			10 37 24.0	2.1												
			PcS	08 13 12.0	1.0			LZ			$M_g=4.3$													
			iS	08 13 50.0	-1.7			GYA	16.7	285	P	10 34 41.4	3.2											
			SMN					sP			10 34 50.4	3.0												
APR 15d 07h 08m 49.0 ± 0.04s, SD2.05 / 10	37.26 N ± 0.37km, 103.57 E ± 0.30km, h18 ± 0.15km	Gansu Province (322)	$M_L 3.6 / 8,$	GTA	3.7	307	Pn	07 09 46.2	0.9	17.5	311	P	10 34 48.0	-0.4	13.0	1.35								
							Pg	07 09 54.4	0.9			S					10 38 07.0	6.4						
							Sn	07 10 31.8	2.1			LN					$M_g=4.5$							
							Sg	07 10 43.6	0.1			TIY	17.8	327			+P	10 34 53.0	0.4					
							SMN	$M_L=3.5$	0.6			0.12	sP					10 35 03.0	1.1					
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	BTO	6.0	54	ePg	07 10 35.8	0.0	18.2	339	LN			11.0	0.70								
							Sg	07 11 56.0	-2.1			LZ					$M_g=4.2$	16.0	0.95					
							TIY	7.1	84			ePg	07 10 50.4	-3.6			BJI	18.2	339	eP	10 34 57.0	-0.1		
							SMN	$M_L=3.8$	0.8			0.050	PMZ					$m_b=4.7$	1.5	0.052				
							SME		1.0			0.030	eS					10 38 20.0	2.8					
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	HHC	7.2	58	ePg	07 10 57.0	0.9	18.5	357	LZ			12.0	1.21								
							SMN	$M_L=3.7$	0.6			0.030	SNY	18.5			357	eP	10 34 59.5	-1.5				
							SME		0.6			0.030	PMZ					$m_b=4.8$	0.9	0.040				
							KMI	20.1	280			-P	10 35 20.0	0.4			sP	10 35 12.2	1.9					
							CD2	20.1	297			eP	10 35 17.7	-1.8			eS	10 38 20.0	-4.3					
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	SSE	8.4	339	+P	10 32 45.5	-1.7	20.1	280	PMZ			2.0	0.10								
							PMZ	$m_b=4.6$	0.7			0.020	pP	10 35 30.0			4.4							
							SMN	$M_L=3.8$	1.0			0.020	sP	10 35 35.0			5.9							
							SME		1.0			0.020	S	10 39 06.0			6.8							
							LN	$M_g=4.2$	13.0			1.60	LN					$M_g=4.5$	10.0	0.40				
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	NJ2	10.2	331	+P	10 33 10.0	-1.7	20.5	1	LE			10.0	0.60								
							eS	10 35 04.0	-2.5			LZ					$M_g=4.6$	10.0	1.30					
							LN	$M_g=4.3$	10.0			0.95	CD2	20.1			297	eP	10 35 17.7	-1.8				
							LE		10.5			1.02	epP					10 35 29.0	3.3					
							LZ	$M_g=3.7$	18.0			0.66	eS					10 39 02.8	2.6					
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	HHC	20.7	331	eP	10 35 24.5	-1.3	20.7	331	sS	10 39 13.8	4.7	10.0	1.19								
							sP	10 35 40.0	4.7			LN					$M_g=4.7$							
							S	10 39 10.0	-1.0			LZ					$M_g=4.3$	13.0	0.80					
							LN	$M_g=4.4$	10.0			0.55	CN2	20.5			1	eP	10 35 21.0	-2.1				
							LZ	$M_g=4.1$	26.0			0.99	PMZ					$m_b=4.9$	1.0	0.060				
APR 15d 10h 30m 43.1 ± 0.04s, SD1.91 / 75	23.27 N ± 0.93km, 124.73 E ± 0.73km, h18 ± 1.11km	South-east of Taiwan (247)	$M_S 4.4 / 30, M_L 4.1 / 8, m_b 4.2 / 1,$	BTO	21.3	328	eP	10 35 30.0	-1.2	20.7	331	LN			12.0	0.60								
							pP	10 35 40.5	3.1			LE						12.0	0.80					
							eS	10 39 20.0	-2.2			LZ					$M_g=4.0$	20.0	0.60					
							LN	$M_g=4.4$	10.0			0.55	HHC	20.7			331	eP	10 35 24.5	-1.3				
							LE		10.5			1.02	sP					10 35 40.0	4.7					

North-Eastern China (658)					Tibet (306)					Taiwan										
APR 15d 12h 37m 08.2 ± 0.06s, SD2.28 / 24 42.88 N ± 0.64km, 117.45 E ± 0.57km, h10 ± 0.08km					APR 15d 17h 43m 59.3 ± 0.04s, SD2.40 / 11 33.34 N ± 0.40km, 98.36 E ± 0.41km, h29 ± 0.23km					M _S 4.7 / 40, M _L 5.0 / 10, m _b 5.2 / 4,										
M _L 4.1 / 21,					M _S 3.7 / 1, M _L 3.4 / 2,					M _S 4.7 / 40, M _L 5.0 / 10, m _b 5.2 / 4,										
MDJ	21.7	9	LN	M _S = 4.6	12.0	0.80	CD2	5.2	116	ePg	17 45 32.7	1.7	QZH	3.2	281	+iP	22 44 55.2	-0.9		
LZH	22.1	310	LE		12.0	0.60	LZH	5.3	57	ePg	17 45 33.5	0.6				S	22 45 33.0	0.7		
			eP	10 35 35.5	0.4	GTA	6.2	11	Sg	17 46 41.5	-3.4				SMN	M _L = 4.7	0.8	3.05		
			cP	10 35 39.5	-0.5				ePg	17 45 46.0	-2.5				SME		0.8	1.77		
			PMZ	m _b = 4.6	2.0	0.047	LSA	7.1	241	LE	M _S = 3.7	10.0	0.72				LN	M _S = 4.6	6.0	4.56
			pP	10 35 49.5	3.3				Pn	17 45 45.0	2.2				LE		6.0	4.88		
			PP	10 36 04.0	-1.3				SME						LZ	M _S = 4.7	12.0	15.1		
			eS	10 39 37.0	-1.4				SME						+iP	22 45 45.0	-1.3			
			SMN		13.0	0.22				SME						PMZ	m _b = 5.6	0.7	0.26	
GTA	26.6	313	LN	M _S = 4.3	13.0	0.60				SME						S	22 46 59.0	-2.8		
			+P	10 36 21.8	-0.6				SME						SMN	M _L = 4.8	1.0	0.49		
			PMZ	m _b = 4.7	1.2	0.020				SME						SME		1.0	0.46	
			LE	M _S = 4.5	12.0	0.59				SME						LN	M _S = 4.3	13.0	3.52	
			LZ	M _S = 4.2	16.0	0.53				SME						LZ	M _S = 4.2	18.0	3.58	
WMQ	36.6	313	P	10 37 50.0	-0.9				SME						LN	M _S = 4.3	13.0	3.52		
APR 15d 12h 37m 08.2 ± 0.06s, SD2.28 / 24 42.88 N ± 0.64km, 117.45 E ± 0.57km, h10 ± 0.08km					APR 15d 17h 43m 59.3 ± 0.04s, SD2.40 / 11 33.34 N ± 0.40km, 98.36 E ± 0.41km, h29 ± 0.23km					GZH					8.0	262	P	22 46 04.6	-0.1	
North-Eastern China (658)					Tibet (306)					SSE					6.7	354	+iP	22 45 45.0	-1.3	
M _L 4.1 / 21,					M _S 3.7 / 1, M _L 3.4 / 2,					SSE					6.7	354	PMZ	m _b = 5.6	0.7	0.26
BJI	3.0	199	Pn	12 38 00.0	4.0	CD2	5.2	116	ePg	17 45 32.7	1.7				S	22 46 59.0	-2.8			
			Pg	12 38 02.5	1.5	LZH	5.3	57	ePg	17 45 33.5	0.6				SMN	M _L = 4.8	1.0	0.49		
			Sg	12 38 42.0	0.1	GTA	6.2	11	Sg	17 46 41.5	-3.4				SME		1.0	0.46		
			SMN	M _L = 3.6	0.5	0.21	LSA	7.1	241	LE	M _S = 3.7	10.0	0.72				LN	M _S = 4.3	13.0	3.52
			SME		0.5	0.31				SME						LZ	M _S = 4.2	18.0	3.58	
SNY	4.7	101	ePn	12 38 19.2	0.2				SME						LN	M _S = 4.3	13.0	3.52		
			Pg	12 38 33.2	2.7				SME						LZ	M _S = 4.2	18.0	3.58		
			Sg	12 39 34.8	0.5				SME						P	22 46 04.6	-0.1			
			SMN	M _L = 4.0	0.5	0.27				SME						SMN	M _L = 5.2	1.0	0.86	
			SME		0.5	0.19				SME						SME		1.0	0.43	
HHC	4.8	247	-Pn	12 38 22.8	1.3				SME						LN	M _S = 4.8	10.0	3.20		
			Pg	12 38 37.9	4.3				SME						LE		13.0	5.60		
			Sg	12 39 40.4	0.7				SME						LZ	M _S = 4.3	16.0	2.90		
			SMN	M _L = 4.4	0.8	0.48				SME						+P	22 46 03.8	-2.1		
			SME		1.0	0.51				SME						PMZ	m _b = 5.1	0.8	0.050	
DL2	5.1	140	Pn	12 38 24.6	-0.1				SME						pP	22 46 10.0	-2.8			
			Pg	12 38 41.4	3.6				SME						S	22 47 32.0	-4.7			
			SMN	M _L = 4.1	1.0	0.22				SME						LN		3.0	3.38	
			SME		1.0	0.26				SME						LE		3.0	4.08	
CN2	5.9	78	ePn	12 38 35.0	-1.2				SME						LZ	M _S = 4.8	6.0	3.86		
			Pg	12 38 57.0	4.5				SME						eP	22 46 17.5	-2.6			
			Sg	12 40 08.4	-4.9				SME						PMZ	m _b = 4.9	0.8	0.030		
			SMN	M _L = 4.1	1.0	0.13				SME						pP	22 46 22.5	-4.6		
			SME		1.0	0.16				SME						SMN		1.0	1.04	
BTO	6.0	250	Pn	12 38 41.2	3.6				SME						SME		1.0	0.80		
			Pg	12 38 58.8	4.6				SME						LN	M _S = 5.0	7.0	4.47		
			Sg	12 40 17.0	0.7				SME						LE		8.0	3.14		
			SMN	M _L = 4.0	0.6	0.14				SME						LZ	M _S = 4.5	14.0	3.55	
			SME		0.6	0.060				SME						P	22 47 05.5	-0.2		
TIY	6.4	218	ePg	12 39 05.7	3.9				SME						eS	22 49 24.5	0.2			
			Sg	12 40 31.1	1.7				SME						LN	M _S = 4.5	14.0	2.12		
			SMN	M _L = 4.3	0.6	0.16				SME						LN	M _S = 4.5	14.0	2.12	
			SME		1.0	0.17				SME						LE	M _S = 4.6	12.0	1.50	
TIA	6.7	182	Pn	12 38 45.4	-1.1				SME						LZ	M _S = 4.4	16.0	2.40		
APR 15d 17h 43m 59.3 ± 0.04s, SD2.40 / 11 33.34 N ± 0.40km, 98.36 E ± 0.41km, h29 ± 0.23km					APR 15d 22h 44m 07.5 ± 0.05s, SD1.63 / 129 24.39 N ± 0.70km, 122.01 E ± 0.52km, h40 ± 0.43km					GYA					14.0	282	P	22 47 26.0	0.1	
Tibet (306)					Tibet (306)					DL2					14.5	359	eP	22 47 32.0	0.3	
M _S 3.7 / 1, M _L 3.4 / 2,					M _S 3.7 / 1, M _L 3.4 / 2,					DL2					14.5	359	PMZ	m _b = 5.3	1.0	0.060
CD2	5.2	116	ePg	17 45 32.7	1.7	CD2	5.2	116	ePg	17 45 32.7	1.7				pP	22 47 40.5	0.8			
LZH	5.3	57	ePg	17 45 33.5	0.6	LZH	5.3	57	ePg	17 45 33.5	0.6				eS	22 50 12.0	0.5			
			Sg	17 46 41.5	-3.4				Sg	17 46 41.5	-3.4				LN	M _S = 4.4	12.0	1.09		
GTA	6.2	11	ePg	17 45 46.0	-2.5	GTA	6.2	11	ePg	17 45 46.0	-2.5				LZ	M _S = 4.3	14.0	1.38		
			LE	M _S = 3.7	10.0	0.72				LE	M _S = 3.7	10.0	0.72				P	22 47 37.5	-0.1	
LSA	7.1	241	Pn	17 45 45.0	2.2	LSA	7.1	241	Pn	17 45 45.0	2.2				pP	22 47 44.5	-1.1			
APR 15d 22h 44m 07.5 ± 0.05s, SD1.63 / 129 24.39 N ± 0.70km, 122.01 E ± 0.52km, h40 ± 0.43km					APR 15d 22h 44m 07.5 ± 0.05s, SD1.63 / 129 24.39 N ± 0.70km, 122.01 E ± 0.52km, h40 ± 0.43km					XAN					14.9	313	S	22 50 22.0	0.5	
Tibet (306)					Tibet (306)					TIY					15.6	331	LN	M _S = 5.2	6.0	2.90
M _S 3.7 / 1, M _L 3.4 / 2,					M _S 3.7 / 1, M _L 3.4 / 2,					TIY					15.6	331	LE		5.0	1.92
CD2	5.2	116	ePg	17 45 32.7	1.7	CD2	5.2	116	ePg	17 45 32.7	1.7				+P	22 47 47.2	0.8			
LZH	5.3	57	ePg	17 45 33.5	0.6	LZH	5.3	57	ePg	17 45 33.5	0.6				sS	22 50 51.0	0.1			
			Sg	17 46 41.5	-3.4				Sg	17 46 41.5	-3.4				LN	M _S = 4.7	12.0	2.10		
GTA	6.2	11	ePg	17 45 46.0	-2.5	GTA	6.2	11	ePg	17 45 46.0	-2.5				LZ	M _S = 4.7	14.0	3.21		
			LE	M _S = 3.7	10.0	0.72				LE	M _S = 3.7	10.0	0.72				+eP	22 47 58.5	2.5	
LSA	7.1	241	Pn	17 45 45.0	2.2	LSA	7.1	241	Pn	17 45 45.0	2.2				PMZ	m _b = 5.3	1.5	0.21		
APR 15d 22h 44m 07.5 ± 0.05s, SD1.63 / 129 24.39 N ± 0.70km, 122.01 E ± 0.52km, h40 ± 0.43km					APR 15d 22h 44m 07.5 ± 0.05s, SD1.63 / 129 24.39 N ± 0.70km, 122.01 E ± 0.52km, h40 ± 0.43km					BJI					16.4	344	eS	22 51 00.0	4.6	
Tibet (306)					Tibet (306)					BJI					16.4	344	eS	22 51 00.0	4.6	
M _S 3.7 / 1, M _L 3.4 / 2,					M _S 3.7 / 1, M _L 3.4 / 2,					BJI					16.4	344	eS	22 51 00.0	4.6	

CD2	17.4 296	LN	$M_s=4.4$	14.0	1.29	$M_L 3.4/5,$	CD2	4.3 28	ePn	23 45 51.0	3.1				
		LZ	$M_s=4.5$	14.0	1.76				Pg	23 46 01.2	2.5				
		eP	22 48 09.0	-0.3					Sg	23 46 55.8	-2.1				
		epP	22 48 20.2	2.5					SMN	$M_L=3.4$	1.0 0.040				
		eS	22 51 23.8	3.9					SME		1.0 0.080				
SNY	17.4 4	LN	$M_s=5.0$	8.0	2.39	GYA	4.8 97	ePn	23 45 57.0	2.8					
		LZ	$M_s=4.6$	16.0	2.23			SMN	$M_L=3.1$	1.2 0.030					
		eP	22 48 13.2	3.7				SME		1.2 0.020					
		sP	22 48 25.2	2.0											
		eS	22 51 26.0	5.7											
KMI	17.5 276	LN	$M_s=4.5$	11.5	1.21	APR 16d 08h 59m $43.1 \pm 0.04s$, SD1.23/99									
		LZ	$M_s=4.7$	12.0	2.11	2.53 N $\pm 0.62km$, 128.64 E $\pm 0.88km$, h30 $\pm 0.08km$									
		eP	22 48 11.0	0.3		Djailolo Gilolo (Halmahera) (267)									
		pP	22 48 20.0	1.1		$M_s 4.4/2, m_b 5.0/24,$									
		sP	22 48 27.5	3.4		QZH	24.3 337	eP	09 05 01.5	2.2					
HHC	18.6 334	S	22 51 22.0	0.7		QZN	24.6 313	eP	09 05 02.8	0.2					
		LN	$M_s=4.8$	6.0	1.40			eS	09 09 20.0	0.3					
		LE		11.0	0.60	WHN	31.0 336	eP	09 06 01.5	1.2					
		LZ	$M_s=4.9$	12.0	3.50			pP	09 06 08.6	-0.3					
		P	22 48 26.2	2.2		GYA	31.8 320	P	09 06 09.0	1.3					
BTO	19.0 331	sP	22 48 38.0	0.5		KMI	33.6 314	-P	09 06 24.0	0.6					
		S	22 51 49.0	3.2				pP	09 06 33.0	1.2					
		sS	22 52 05.0	4.9		XAN	36.4 332	P	09 06 46.0	-0.8					
		LN	$M_s=4.4$	9.0	0.50	CD2	36.7 323	eP	09 06 49.6	-0.5					
		LE		9.0	0.47	DL2	36.8 351	eP	09 06 48.0	-2.2					
LZH	19.5 311	LZ	$M_s=4.7$	16.0	2.97	TIY	38.0 339	eP	09 07 00.6	-0.5					
		P	22 48 30.0	0.7				S	09 12 52.5	2.0					
		pP	22 48 38.0	0.3				sS	09 13 11.0	4.9					
		eS	22 51 58.0	1.6				LZ	$M_s=4.3$	14.0 0.36					
		LN	$M_s=4.9$	13.0	2.40	BJI	39.0 345	eP	09 07 08.5	-0.5					
CN2	19.6 7	LE		13.0	1.70			PMZ	$m_b=4.7$	1.0 0.012					
		+iP	22 48 36.0	1.4		SNY	39.4 354	eP	09 07 11.7	-0.4					
		PMZ	$m_b=5.2$	1.4	0.16			sP	09 07 21.6	-3.2					
		PMZ	$m_b=5.2$	5.0	0.65			eS	09 13 08.0	-3.8					
		sP	22 48 48.0	-0.6		LZH	40.5 328	+P	09 07 22.5	0.9					
MDJ	21.1 15	PP	22 48 52.0	-0.1				LE	$M_s=4.4$	22.0 0.49					
		eS	22 52 08.5	1.1				PMZ	$m_b=5.3$	1.5 0.071					
		SME		7.0	0.20			pP	09 07 30.5	0.3					
		LN	$M_s=4.7$	11.0	1.00			sP	09 07 36.0	1.9					
		LE		14.0	1.40			ePP	09 09 00.0	1.7					
GTA	24.0 314	P	22 48 35.2	0.2				LN	$M_s=4.4$	12.0 0.25					
		PMZ	$m_b=5.0$	1.0	0.070	HHC	41.1 340	eP	09 07 26.8	-0.1					
		pP	22 48 43.0	-1.1		CN2	41.2 356	eP	09 07 27.0	-0.1					
		eS	22 52 09.0	0.7		BTO	41.5 338	eP	09 07 29.8	0.3					
		LN	$M_s=4.5$	12.0	0.80	MDJ	41.9 1	eP	09 07 33.5	0.4					
WMQ	34.1 313	LE		12.0	0.50	GTA	45.1 328	+iP	09 07 59.6	0.5					
		LZ	$M_s=4.6$	12.0	1.50			PMZ	$m_b=4.7$	0.8 0.010					
		eP	22 48 52.0	0.8		WMQ	54.8 325	P	09 09 12.7	-0.4					
		PMZ	$m_b=4.6$	1.5	0.040			PMZ	$m_b=5.0$	1.0 0.020					
		+iP	22 49 20.6	0.9				sP	09 09 23.5	-2.2					
KSH	41.5 303	sS	22 53 44.0	-3.5				PcP	09 10 13.0	-1.3					
		LE	$M_s=4.8$	12.0	1.49			eS	09 16 53.0	2.3					
		LZ	$M_s=4.7$	14.0	1.76			ScS	09 18 57.3	1.6					
		-iP	22 49 58.0	0.9		KSH	60.3 315	eP	09 09 53.0	1.1					
		P	22 50 50.5	0.0		APR 16d 11h 32m $04.1 \pm 0.04s$, SD0.97/118									
KSH	12.1 274	eS	22 56 17.0	4.6		15.38 N $\pm 0.72km$, 147.66 E $\pm 0.55km$, h34 $\pm 0.09km$									
		LZ	$M_s=4.8$	16.0	1.38	Marianas region (215)									
		P	22 51 55.0	2.3		$M_s 5.1/1, m_b 5.0/34,$									
		APR 15d 22h 48m $56.2 \pm 0.06s$, SD3.87/6							SSE	28.8 307	P	11 38 00.0	-1.6		
		39.71 N $\pm 0.57km$, 91.61 E $\pm 0.42km$, h5 $\pm km$									PMZ	$m_b=5.0$	1.0 0.030		
Southern Xinjiang Province (321)									eS	11 42 46.0	-1.9				
$M_s 3.4/1, M_L 3.2/1,$									LZ	$M_s=4.0$	20.0 0.37				
KSH 12.1 274 P 22 51 55.0 2.2									NJ2	31.0 307	+P	11 38 19.0	-2.3		
APR 15d 23h 44m $42.2 \pm 0.06s$, SD3.37/8									MDJ	32.9 336	eP	11 38 37.0	-0.9		
27.11 N $\pm 0.51km$, 101.36 E $\pm 0.59km$, h16 $\pm 0.16km$									SNY	33.6 327	eP	11 38 43.2	-0.2		
Yunnan Province (318)									LZ	$M_s=4.3$	20.0 0.55				
									WHN	34.0 302	+P	11 38 48.0	0.6		



CN2	34.1	331	PMZ	$m_b = 5.1$	1.0	0.030	LE	$M_g = 4.4$	9.0	0.20			
			P	11 38 47.0	-0.7		LZ	$M_g = 4.3$	20.0	0.45			
			PMZ	$m_b = 4.6$	1.0	0.010	NJ2	40.2	330	+P	19 26 28.0	0.9	
			pP	11 38 57.0	-0.2		WHN	41.5	324	eP	19 26 39.0	0.9	
			eS	11 44 10.0	-0.4					pP	19 26 49.0	2.3	
			LZ	$M_s = 4.1$	18.0	0.30	GYA	44.0	313	P	19 27 00.4	1.8	
BJI	36.8	318	eP	11 39 11.0	-0.3		TIA	44.4	332	eP	19 27 01.3	-0.2	
			PMZ	$m_b = 5.2$	1.4	0.055	DL2	44.7	338	eP	19 27 05.5	1.3	
TIY	38.2	312	eP	11 39 24.0	0.8					eS	19 33 44.0	5.1	
			S	11 45 17.0	3.4		KMI	46.3	308	+P	19 27 18.5	1.6	
			LZ	$M_s = 4.3$	16.0	0.36	SNY	46.7	342	eP	19 27 18.0	-1.5	
XAN	39.5	305	P	11 39 34.2	0.6					sP	19 27 29.2	-2.7	
GYA	39.7	293	P	11 39 37.0	1.6					eS	19 34 06.0	-0.5	
HHC	40.3	316	eP	11 39 40.4	0.3					LZ	$M_g = 4.5$	26.0	0.67
BTO	41.2	315	P	11 39 49.0	1.2		XAN	47.2	323	P	19 27 24.0	-0.1	
KMI	43.1	290	+P	11 40 05.0	1.7		MDJ	47.7	349	eP	19 27 26.8	-1.1	
LZH	44.1	306	-iP	11 40 12.3	0.9		TIY	47.9	329	eP	19 27 29.0	-0.4	
			PMZ	$m_b = 5.8$	1.8	0.25	CN2	47.9	344	+P	19 27 28.8	-0.7	
			LE	$M_s = 5.1$	16.0	1.22				PMZ	$m_b = 5.1$	1.0	0.030
GTA	48.1	309	-iP	11 40 43.2	0.2					pP	19 27 37.0	-1.1	
			PMZ	$m_b = 5.4$	1.4	0.070				eS	19 34 25.0	0.5	
LSA	53.6	296	P	11 41 26.0	0.5					LZ	$M_g = 4.4$	20.0	0.40
WMQ	57.9	312	-P	11 41 56.0	0.2		BJI	47.9	334	eP	19 27 28.5	-1.0	
			PMZ	$m_b = 5.1$	1.5	0.040				PMZ	$m_b = 5.1$	1.6	0.045
			sP	11 42 13.6	4.2					epP	19 27 37.0	-1.2	
			S	11 49 57.0	6.4					eS	19 34 30.0	5.5	
KSH	66.4	307	eP	11 42 54.0	1.5					LZ	$M_s = 4.5$	20.0	0.54
APR 16d 15h 47m $57.7 \pm 0.03s$, SD1.12 / 111 11.84 N $\pm 0.94km$, 143.28 E $\pm 0.64km$, h13 $\pm 0.18km$ South of the Marianas (210) $m_b 5.1 / 17$,							CD2	48.7	316	eP	19 27 35.4	0.2	
WHN	32.6	309	eP	15 54 32.5	0.9		HHC	50.7	331	eP	19 27 47.5	-3.6	
DL2	33.1	328	eP	15 54 36.0	-0.1		BTO	51.3	329	eP	19 27 55.2	-0.3	
			eS	16 00 00.0	5.9		LZH	51.7	321	-P	19 27 59.0	0.3	
			LZ	$M_s = 4.1$	15.0	0.29				PMZ	$m_b = 5.1$	1.8	0.042
SNY	34.5	334	eP	15 54 46.6	-1.2					pP	19 28 07.5	0.3	
			eS	16 00 11.0	-4.2		GTA	56.3	322	-iP	19 28 32.2	0.0	
			LZ	$M_s = 4.4$	18.0	0.59				PMZ	$m_b = 5.1$	1.2	0.030
MDJ	34.7	343	eP	15 54 48.5	-1.3		LSA	57.5	307	+P	19 28 42.0	0.6	
CN2	35.4	337	-P	15 54 57.0	1.5		WMQ	66.3	320	-P	19 29 39.5	-0.3	
			LZ	$M_s = 4.4$	17.0	0.60				pP	19 29 48.5	0.0	
BJI	36.9	324	eP	15 55 08.5	0.2		KSH	72.7	312	eP	19 30 21.0	1.5	
			LZ	$M_s = 4.4$	17.0	0.58	APR 16d 22h 37m $11.2 \pm 0.04s$, SD1.14 / 286 14.84 S $\pm 0.72km$, 167.29 E $\pm 0.84km$, h119 $\pm 0.23km$ Vanuatu (New Hebrides) (186) $m_b 5.4 / 3$, $m_b 5.4 / 57$,						
GYA	37.4	298	P	15 55 14.6	2.2		SSE	63.6	316	eP	22 47 32.0	-0.3	
TIY	37.7	318	eP	15 55 16.1	0.6					pP	22 47 59.0	-1.9	
			S	16 01 06.0	1.5					S	22 55 53.0	-1.2	
			LZ	$M_s = 4.4$	18.0	0.49				LN		11.0	0.25
XAN	38.3	311	P	15 55 22.0	1.8					LZ		20.0	0.46
KMI	40.5	295	eP	15 55 40.0	1.4		NJ2	65.8	316	-P	22 47 45.8	-0.4	
BTO	40.9	320	eP	15 55 43.0	0.9					pP	22 48 16.0	1.0	
CD2	41.1	304	eP	15 55 43.5	-0.1		QZN	65.8	299	eP	22 47 46.3	-0.2	
LZH	42.9	311	eP	15 56 00.5	1.8					eS	22 56 22.0	-0.5	
			PMZ	$m_b = 5.0$	1.5	0.037	WHN	68.0	312	+P	22 48 00.0	-0.5	
GTA	47.2	313	eP	15 56 33.2	0.5					pP	22 48 26.2	-3.1	
			PMZ	$m_b = 4.7$	0.8	0.010	MDJ	68.4	332	eP	22 48 02.0	-0.7	
LSA	51.4	299	eP	15 57 06.0	0.4					PMZ	$m_b = 5.3$	1.4	0.070
WMQ	57.2	315	P	15 57 48.0	0.3					S	22 56 56.0	3.9	
KSH	65.1	308	eP	15 58 42.0	0.8		DL2	68.4	323	P	22 48 02.2	-0.5	
APR 16d 19h 18m $51.3 \pm 0.05s$, SD1.51 / 108 2.12 S $\pm 0.70km$, 141.48 E $\pm 1.12km$, h29 $\pm 0.06km$ Near north coast of West Irian (197) $M_g 4.4 / 1$, $m_b 5.1 / 24$,										PMZ	$m_b = 5.4$	0.7	0.040
SSE	38.3	331	eP	19 26 09.7	-1.4					eS	22 56 51.0	-2.6	
			PMZ	$m_b = 4.9$	1.6	0.030	SNY	69.3	326	eP	22 48 07.4	-0.9	
			pP	19 26 20.0	0.3					pP	22 48 36.0	-1.3	
			eS	19 32 06.0	2.9		TIA	69.4	318	P	22 48 07.9	-1.2	
							CN2	69.8	329	+P	22 48 10.0	-1.1	
										PMZ	$m_b = 5.2$	1.0	0.040



		PMZ	$m_b = 5.5$	4.0	0.30	LZH	22.8	90	eP	02 04 32.0	-1.3			
		pP	22 48 37.0	-3.1					PMZ	$m_b = 5.8$	1.8	0.84		
		S	22 57 08.0	-0.2					PMZ	$m_b = 6.1$	6.0	5.52		
GYA	71.8	305	P	22 48 23.6	0.1				pP	02 04 39.5	-2.0			
			pP	22 48 55.0	2.5				sP	02 04 42.0	-3.4			
			S	22 57 36.0	4.3				S	02 08 37.5	2.0			
BJI	72.4	321	eP	22 48 26.5	-0.2				LN	$M_s = 6.3$	11.0	29.4		
			PMZ	$m_b = 5.2$	2.0	0.083			LE		14.0	39.8		
			epP	22 48 56.0	0.1				CD2	24.8	101	eP	02 04 50.8	-1.2
			esP	22 49 12.0	2.8				LN	$M_s = 6.2$	10.0	26.7		
			eS	22 57 40.0	0.4				LZ	$M_s = 5.9$	14.0	24.8		
			eScS	22 58 21.0	3.3				BTO	26.6	76	eP	02 05 07.0	-1.8
TIY	73.4	317	-P	22 48 32.4	-0.2				pP	02 05 12.0	-5.2			
			pP	22 49 03.5	1.7				S	02 09 41.0	2.3			
			sP	22 49 19.0	4.0				SS	02 10 53.0	3.1			
			S	22 57 52.0	2.7				LN	$M_s = 6.3$	14.0	29.3		
			sS	22 58 35.0	-6.7				LE		14.0	32.4		
			LN			10.0	0.36		KMI	27.2	114	eP	02 05 14.5	-0.3
			LZ			22.0	0.78		PMZ	$m_b = 5.9$	2.5	0.60		
XAN	73.8	313	P	22 48 34.6	-0.5				PMZ	$m_b = 5.8$	5.5	1.30		
			PMZ	$m_b = 5.1$	1.0	0.030			pP	02 05 18.5	-4.5			
KMI	74.4	302	+P	22 48 39.5	0.8				LN	$M_s = 6.3$	11.0	22.6		
			PMZ	$m_b = 5.6$	2.0	0.20			LE		13.0	29.7		
			pP	22 49 09.5	1.7				LZ	$M_s = 5.8$	25.0	31.8		
			sP	22 49 23.0	1.9				XAN	27.4	91	P	02 05 16.5	-0.3
			S	22 58 05.0	4.3				pP	02 05 22.0	-3.3			
			LZ			24.0	0.90		PP	02 06 07.0	2.8			
HHC	75.7	320	P	22 48 45.0	-1.0				S	02 09 52.0	-1.0			
CD2	76.1	308	eP	22 48 48.2	-0.1				LN	$M_s = 6.3$	13.0	29.6		
BTO	76.5	319	P	22 48 51.0	0.3				LE		13.0	30.1		
			sP	22 49 29.5	-3.7				HHC	27.7	75	eP	02 05 17.0	-2.1
			eS	22 58 28.0	2.0				pP	02 05 25.0	-2.4			
LZH	78.4	312	+P	22 49 01.5	0.3				S	02 09 57.0	0.2			
			PMZ	$m_b = 5.3$	2.0	0.11			SMN		8.0	4.24		
			PMZ	$m_b = 5.4$	5.0	0.39			SME		8.0	4.43		
			pP	22 49 30.5	0.0				LN	$M_s = 6.2$	10.0	7.76		
			sP	22 49 44.0	0.3				LE		10.0	20.8		
			SME			9.0	0.35		TIY	29.0	82	eP	02 05 29.0	-1.9
			SKS	22 59 00.0	1.5				pP	02 05 37.0	-2.4			
			sS	22 59 32.0	-5.5				sS	02 10 35.0	1.7			
GTA	82.8	314	+iP	22 49 25.0	0.7				LN	$M_s = 6.2$	9.0	22.2		
			PMZ	$m_b = 5.3$	1.4	0.070			LZ	$M_s = 6.0$	20.0	37.8		
			pP	22 49 55.6	1.7				GYA	29.3	107	P	02 05 36.6	3.4
LSA	85.6	302	P	22 49 39.8	0.9				PMZ	$m_b = 6.1$	5.0	1.90		
			S	23 00 02.0	4.1				ScS	02 16 05.0	-5.2			
WMQ	92.8	315	P	22 50 12.5	0.0				LN	$M_s = 6.2$	14.0	25.4		
			PMZ	$m_b = 5.4$	1.5	0.040			LE		14.0	14.7		
			pP	22 50 44.0	1.3				LZ	$M_s = 5.7$	18.0	16.4		
			SKS	23 00 34.0	1.8				BJI	31.3	76	eP	02 05 49.0	-2.1
			S	23 01 05.0	1.6				PMZ	$m_b = 5.4$	0.9	0.058		
									PMZ	$m_b = 5.6$	7.0	0.75		
<p>APR 17d 01h 59m $31.1 \pm 0.05s$, $SD1.85 / 327$ $39.53 N \pm 1.68km$, $75.21 E \pm 0.73km$, $h30 \pm 0.10km$ Southern Xinjiang Province (321) $M_s 6.3 / 59$, $m_b 5.9 / 24$, $m_b 5.8 / 42$</p>														
KSH	0.5	91	-iPg	01 59 40.9	-1.2				LN	$M_s = 6.3$	16.0	43.4		
			eSg	01 59 54.5	4.2				LZ	$M_s = 6.2$	16.0	37.9		
WMQ	10.3	61	P	02 01 58.0	-1.9				TIA	33.0	82	P	02 06 04.5	-1.9
			S	02 03 59.0	4.2				pP	02 06 12.0	-3.1			
			LN	$M_s = 6.7$	12.0	334			LN	$M_s = 6.3$	13.1	9.31		
LSA	16.4	122	P	02 03 18.0	-2.8				LE		12.0	27.1		
			pP	02 03 25.5	-1.9				WHN	33.1	93	-P	02 06 04.5	-2.1
			LN	$M_s = 6.0$	12.0	29.5			PMZ	$m_b = 5.7$	1.6	0.19		
			LE		11.0	18.6			pP	02 06 10.5	-4.8			
GTA	19.0	82	+iP	02 03 51.4	-1.9				S	02 11 26.0	4.2			
			sS	02 07 37.0	5.2				sS	02 11 36.0	-1.1			
			LN	$M_s = 6.3$	9.0	44.2			LN	$M_s = 6.2$	13.0	19.6		
			LZ	$M_s = 6.3$	10.0	61.9			LE		11.0	10.6		
									LZ	$M_s = 5.9$	20.0	21.0		
									DL2	35.7	76	eP	02 06 32.0	3.1
									PMZ	$m_b = 5.8$	6.0	1.05		
									pP	02 06 36.0	-1.6			

	PMZ	$m_b = 6.3$	1.5	0.67	TIY	37.4	346	eP	14 36 10.9	-1.8				
	PMZ	$m_b = 5.6$	8.0	0.70	LZH	38.8	335	P	14 36 24.5	-0.1				
	sP	13 47 31.0	-3.3					PMZ	$m_b = 5.4$	2.5	0.17			
	PP	13 49 06.0	-0.2					pP	14 36 32.0	-1.7				
	S	13 53 53.0	3.2		BJI	38.9	352	eP	14 36 24.0	-1.4				
	SMN			16.0				PMZ	$m_b = 5.7$	2.0	0.28			
	sS	13 54 06.0	2.2		CN2	42.2	3	eP	14 36 55.0	2.2				
	LN	$M_s = 7.4$	18.0	282	GTA	43.3	334	+iP	14 37 01.8	-0.1				
WMQ	-iP	13 48 35.0	1.2		MDJ	43.4	7	eP	14 37 04.5	2.3				
	PMZ	$m_b = 7.1$	5.0	11.9	APR 18d 14h 35m $16.0 \pm 0.04s$, SD1.71 / 49									
	PP	13 50 38.0	4.6		1.37 N \pm 0.78km, 122.87 E \pm 1.30km, h34 \pm 0.07km									
	S	13 56 00.0	2.4		Minahassa Peninsula (Celebes) (265)									
	LN	$M_s = 8.0$	20.0	953	$m_b 5.4 / 17,$									
KSH	+P	13 49 08.0	1.0		WHN	30.1	345	eP	14 41 26.2	1.1				
	pP	13 49 16.0	1.2		XAN	35.0	340	P	14 42 08.0	0.0				
	S	13 57 01.0	2.4		TIY	37.4	346	eP	14 42 27.5	-0.8				
	LE	$M_s = 7.4$	20.0	192	LZH	38.8	335	P	14 42 41.0	1.2				
	LZ	$M_s = 6.9$	20.0	101				PMZ	$m_b = 5.4$	2.5	0.17			
APR 18d 13h 54m $17.3 \pm 0.12s$, SD3.51 / 13					BJI	39.0	352	eP	14 42 44.0	2.9				
0.74 N \pm 1.97km, 122.74 E \pm 1.92km, h40 \pm 0.20km								PMZ	$m_b = 5.1$	1.5	0.052			
Minahassa Peninsula (Celebes) (265)					SNY	40.3	1	eP	14 42 49.0	-3.0				
$m_b 5.4 / 4,$					GTA	43.3	334	+iP	14 43 17.8	0.8				
TIY	38.0	347	-P	14 01 30.1	-3.7			PMZ	$m_b = 5.2$	1.2	0.040			
LZH	39.3	336	eP	14 01 43.0	-1.7			MDJ	43.5	7	eP	14 43 16.5	-1.7	
			PMZ	$m_b = 5.1$	1.4	0.041		WMQ	52.6	328	P	14 44 29.5	0.5	
BJI	39.6	352	eP	14 01 50.5	3.8			APR 18d 14h 50m $21.9 \pm 0.04s$, SD1.35 / 30						
	e	14 02 20.0						1.18 N \pm 0.60km, 122.86 E \pm 0.89km, h33 \pm 0.03km						
APR 18d 14h 19m $01.3 \pm 0.04s$, SD1.70 / 27					Minahassa Peninsula (Celebes) (265)									
1.30 N \pm 0.60km, 123.03 E \pm 0.83km, h33 \pm 0.01km					$m_b 4.9 / 6,$									
Minahassa Peninsula (Celebes) (265)					CD2	34.7	330	eP	14 57 10.0	-0.9				
$m_b 5.4 / 6,$					TIY	37.6	346	-P	14 57 36.0	0.3				
QZN	21.8	325	eP	14 23 54.8	1.7			BJI	39.2	352	eP	14 57 47.5	-1.0	
TIY	37.5	346	eP	14 26 11.5	-3.0			WMQ	52.7	328	eP	14 59 35.0	-1.1	
CN2	42.4	3	eP	14 26 54.0	-0.6			APR 18d 15h 15m $22.1 \pm 0.04s$, SD1.46 / 106						
APR 18d 14h 23m $55.6 \pm 0.05s$, SD1.68 / 84					1.37 N \pm 0.69km, 123.05 E \pm 1.09km, h33 \pm 0.02km									
1.30 N \pm 0.72km, 122.89 E \pm 1.19km, h33 \pm 0.07km					Minahassa Peninsula (Celebes) (265)									
Minahassa Peninsula (Celebes) (265)					$m_b 5.0 / 23,$									
$m_b 5.2 / 20,$					QZN	21.8	324	eP	15 20 14.2	0.7				
QZN	21.8	325	eP	14 28 49.0	2.4			GYA	29.5	329	P	15 21 25.4	-0.6	
QZH	23.9	350	eP	14 29 08.0	0.8			SSE	29.6	357	P	15 21 27.0	0.2	
SSE	29.7	357	eP	14 30 01.3	0.4						pP	15 21 36.0	0.1	
WHN	30.2	345	eP	14 30 06.5	1.1			WHN	30.2	345	eP	15 21 31.5	-0.2	
NJ2	30.8	353	-P	14 30 07.5	-3.6			KMI	30.7	322	+P	15 21 37.5	0.7	
CD2	34.6	330	eP	14 30 43.2	-0.6			NJ2	30.8	353	-P	15 21 36.0	-1.1	
XAN	35.1	340	P	14 30 49.5	1.2			CD2	34.6	330	eP	15 22 09.6	-0.9	
DL2	37.4	358	eP	14 31 07.0	-1.0			XAN	35.1	339	P	15 22 12.5	-2.2	
TIY	37.5	346	P	14 31 08.0	-0.5			TIA	35.1	352	P	15 22 14.1	-0.6	
LZH	38.9	335	P	14 31 21.5	1.5			DL2	37.4	358	eP	15 22 34.5	0.5	
			PMZ	$m_b = 5.3$	2.0	0.094					pP	15 22 41.5	-1.7	
			pP	14 31 32.0	2.8			TIY	37.5	346	eP	15 22 35.0	0.2	
BJI	39.0	352	eP	14 31 22.0	0.7			LZH	38.9	335	eP	15 22 47.5	0.9	
SNY	40.3	1	eP	14 31 30.2	-2.0						PMZ	$m_b = 4.9$	2.0	0.037
CN2	42.4	3	eP	14 31 51.0	2.1						pP	15 22 57.5	1.8	
GTA	43.4	334	P	14 31 58.4	1.1			BJI	39.0	352	eP	15 22 48.0	0.6	
			PMZ	$m_b = 5.8$	1.0	0.16					PMZ	$m_b = 4.7$	1.0	0.012
MDJ	43.5	7	eP	14 31 57.0	-1.4			SNY	40.3	1	+P	15 22 57.8	-0.3	
APR 18d 14h 29m $00.7 \pm 0.06s$, SD2.23 / 60					HHC	40.6	347	P	15 23 02.4	1.0				
1.46 N \pm 0.99km, 123.05 E \pm 1.39km, h33 \pm 0.03km					BTO	40.8	345	eP	15 23 05.0	2.4				
Minahassa Peninsula (Celebes) (265)					LSA	41.4	316	P	15 23 09.8	1.9				
$m_b 5.4 / 5,$					CN2	42.3	3	eP	15 23 15.5	0.7				
QZN	21.7	324	P	14 33 54.6	3.2			GTA	43.4	334	eP	15 23 25.0	1.1	
GZH	23.5	337	+P	14 34 09.4	0.8			MDJ	43.4	7	eP	15 23 24.0	-0.2	
SSE	29.5	357	P	14 35 01.3	-3.4			WMQ	52.6	328	P	15 24 36.5	0.6	
WHN	30.1	345	eP	14 35 09.5	-0.1						eS	15 32 02.0	1.9	
								KSH	57.2	318	eP	15 25 06.0	-3.4	

<p>APR 18d 15h 27m 07.8 ± 0.04s, SD1.38 / 124 1.34 N ± 0.71km, 123.17 E ± 0.92km, h28 ± 0.04km Minahassa Peninsula (Celebes) (265) m_b5.4 / 27,</p>						<p>sP 16 00 12.5 0.3 S 16 07 27.0 5.6 KSH 57.1 318 eP 16 00 30.0 -2.5</p>		
QZN	21.9	324	eP	15 32 00.9	0.2			
GZH	23.6	337	+P	15 32 13.0	-4.7			
GYA	29.6	329	P	15 33 15.0	1.9			
SSE	29.7	357	P	15 33 10.0	-3.5			
WHN	30.2	345	eP	15 33 19.0	0.4			
			pP	15 33 29.5	2.6			
KMI	30.8	322	-P	15 33 25.0	1.0			
NJ2	30.8	353	+P	15 33 25.0	1.2			
CD2	34.7	330	eP	15 33 57.4	-0.2			
TIA	35.1	351	eP	15 34 01.9	0.4			
XAN	35.2	339	P	15 34 01.0	-0.6			
DL2	37.4	358	eP	15 34 20.7	0.1			
			PMZ	m _b = 5.5	0.8	0.070		
TIY	37.5	346	eP	15 34 21.3	-0.3			
LZH	38.9	335	-P	15 34 34.5	0.9			
			PMZ	m _b = 5.5	2.0	0.14		
			pP	15 34 44.0	2.2			
BJI	39.0	351	eP	15 34 34.0	-0.2			
			PMZ	m _b = 5.4	2.0	0.14		
SNY	40.3	0	eP	15 34 43.2	-1.5			
HHC	40.7	346	eP	15 34 47.0	-1.2			
LSA	41.5	316	P	15 34 55.6	0.5			
CN2	42.3	2	eP	15 35 00.0	-1.4			
MDJ	43.5	7	eP	15 35 09.5	-1.2			
GTA	43.5	333	+iP	15 35 11.2	0.3			
			PMZ	m _b = 5.5	1.0	0.070		
WMQ	52.7	328	P	15 36 23.2	0.3			
			S	15 43 48.5	1.8			
KSH	57.3	318	eP	15 36 56.5	0.1			
<p>APR 18d 15h 50m 45.9 ± 0.04s, SD1.32 / 103 1.41 N ± 0.75km, 122.94 E ± 1.03km, h33 ± 0.02km Minahassa Peninsula (Celebes) (265) M_s5.0 / 2, m_b5.1 / 20,</p>						<p>APR 18d 16h 54m 45.8 ± 0.05s, SD1.42 / 67 1.46 N ± 0.78km, 123.29 E ± 1.12km, h35 ± 0.08km Minahassa Peninsula (Celebes) (265) M_s4.8 / 1, m_b4.9 / 14,</p>		
QZN	21.7	325	P	15 55 38.4	2.0			
GZH	23.5	337	+P	15 55 55.0	1.2			
GYA	29.4	329	P	15 56 49.8	0.8			
SSE	29.6	357	P	15 56 50.5	0.2			
			PMZ	m _b = 5.2	1.7	0.070		
			sP	15 57 01.5	-1.9			
			S	16 01 41.0	-0.3			
			LE	M _s = 5.1	17.0	3.00		
WHN	30.1	345	eP	15 56 56.0	1.0			
			pP	15 57 08.0	3.9			
KMI	30.6	322	-P	15 57 00.0	0.2			
NJ2	30.7	353	+P	15 57 00.5	0.0			
CD2	34.5	330	eP	15 57 32.6	-1.0			
XAN	35.0	339	P	15 57 38.0	0.1			
TIA	35.0	352	eP	15 57 37.0	-1.1			
TIY	37.4	346	+P	15 57 57.6	-0.5			
LZH	38.8	335	+P	15 58 10.5	0.7			
			PMZ	m _b = 5.1	2.0	0.061		
			pP	15 58 20.0	1.2			
			sP	15 58 23.5	0.7			
BJI	38.9	352	eP	15 58 10.0	-0.9			
			PMZ	m _b = 5.0	1.5	0.039		
SNY	40.2	1	+P	15 58 20.9	-0.8			
HHC	40.6	347	+P	15 58 25.0	0.3			
BTO	40.7	345	eP	15 58 29.5	3.6			
GTA	43.3	334	+P	15 58 47.6	0.6			
			PMZ	m _b = 5.3	1.4	0.060		
MDJ	43.4	7	eP	15 58 47.3	-0.6			
WMQ	52.6	328	eP	16 00 03.5	4.5			
WHN	30.1	345	eP	17 00 55.2	0.2			
KMI	30.8	322	eP	17 01 01.5	0.5			
CD2	34.6	330	eP	17 01 32.8	-1.5			
TIA	35.0	351	eP	17 01 40.3	2.5			
XAN	35.1	339	P	17 01 37.0	-1.2			
TIY	37.4	346	+P	17 01 57.5	-0.5			
LZH	38.9	335	P	17 02 10.0	-0.2			
			PMZ	m _b = 5.0	2.5	0.070		
			pP	17 02 18.5	-1.2			
BJI	38.9	351	eP	17 02 09.5	-1.0			
			PMZ	m _b = 4.8	1.5	0.026		
SNY	40.2	0	eP	17 02 19.6	-1.2			
GTA	43.4	333	eP	17 02 47.7	0.1			
WMQ	52.7	328	P	17 04 00.0	0.3			
			S	17 11 25.0	2.4			
<p>APR 18d 17h 06m 18.3 ± 0.04s, SD1.32 / 217 1.28 N ± 0.69km, 123.03 E ± 0.95km, h35 ± 0.04km Minahassa Peninsula (Celebes) (265) M_s5.5 / 28, m_b6.0 / 1, m_b5.5 / 58</p>						<p>QZN 21.9 325 P 17 11 10.6 0.5 S 17 15 05.0 0.8 LN M_s = 5.7 13.0 13.2 GZH 23.6 337 +P 17 11 27.8 0.4 LN M_s = 5.9 13.0 16.5 LE 15.0 10.8 QZH 23.9 350 eP 17 11 30.0 -0.2 sP 17 11 44.0 0.4 S 17 15 40.0 -0.7 LE M_s = 5.3 18.0 7.02 GYA 29.6 329 eP 17 12 24.4 1.8 sP 17 12 39.0 2.9 S 17 17 20.0 6.7 LN M_s = 5.4 15.0 5.10 LE 15.0 1.90 SSE 29.7 357 P 17 12 23.9 0.2 PMZ m_b = 5.4 1.4 0.10 pP 17 12 34.0 0.9 sP 17 12 42.0 4.7 S 17 17 15.0 -0.4 LN M_s = 5.4 16.0 5.21 WHN 30.3 345 -P 17 12 28.5 0.0 PMZ m_b = 5.3 1.2 0.060 pP 17 12 42.5 4.5 eS 17 17 24.0 -0.8 LZ M_s = 5.4 20.0 9.28 KMI 30.8 322 +P 17 12 33.5 0.1 PMZ m_b = 5.5 1.5 0.13 pP 17 12 45.0 2.5 S 17 17 30.0 -2.1 sS 17 17 45.0 -3.8 LN M_s = 5.6 14.0 5.60 LE 14.0 4.20 LZ M_s = 5.6 16.0 10.9 NJ2 30.9 353 -P 17 12 34.6 0.7 CD2 34.7 330 eP 17 13 06.6 -0.5 S 17 18 32.0 -0.9 LE M_s = 5.3 12.0 2.56 XAN 35.2 339 +P 17 13 11.0 -0.4 PMZ m_b = 5.7 1.4 0.18</p>		

		pP	17 13 22.0	1.1			BTO	41.0	344	eP	17 25 36.7	1.4		
		S	17 18 40.0	-0.6			GTA	43.6	333	P	17 25 57.0	-0.2		
		LN		$M_s = 5.8$	15.0	9.80	WMQ	52.9	328	P	17 27 11.5	2.2		
		LE			20.0	2.60				eS	17 34 39.0	3.8		
TIA	35.2	352	P	17 13 10.7	-0.8		APR 18d 17h 26m $08.0 \pm 0.03s$, SD1.05 / 22 1.27 N $\pm 0.42km$, 123.05 E $\pm 0.73km$, h33 $\pm 0.03km$ Minahassa Peninsula (Celebes) (265) $m_b 4.9 / 2$,							
DL2	37.5	358	eP	17 13 30.0	-0.8		CD2	34.7	330	eP	17 32 56.8	-0.3		
		PMZ		$m_b = 5.9$	1.4	0.30	TIY	37.6	346	eP	17 33 20.8	-0.7		
		pP	17 13 39.0	-1.3			BJI	39.1	352	eP	17 33 34.0	-0.1		
		sP	17 13 47.0	2.5			APR 18d 18h 24m $50.8 \pm 0.04s$, SD1.30 / 138 1.25 N $\pm 0.67km$, 123.48 E $\pm 0.89km$, h30 $\pm 0.02km$ Minahassa Peninsula (Celebes) (265) $M_s 5.9 / 2$, $m_b 5.3 / 31$,							
		eS	17 19 15.0	-1.9			QZN	22.2	324	eP	18 29 45.0	-0.9		
		LN		$M_s = 5.4$	14.0	2.28				eS	18 33 45.0	1.5		
		LE			14.0	2.25	GZH	23.8	336	+P	18 30 03.0	0.7		
TIY	37.5	346	+P	17 13 31.7	0.2		QZH	24.0	349	eP	18 30 06.2	2.0		
		PMZ		$m_b = 5.4$	1.2	0.080	GYA	29.8	329	P	18 31 02.0	4.1		
		S	17 19 20.0	2.9			WHN	30.4	344	eP	18 31 03.0	0.3		
		LN		$M_s = 5.5$	14.0	3.93				pP	18 31 15.0	3.5		
		LZ		$M_s = 5.6$	14.0	7.14	NJ2	30.9	352	-P	18 31 08.0	0.4		
LZH	38.9	335	+P	17 13 44.0	0.8		KMI	31.1	322	+P	18 31 10.0	1.0		
		PMZ		$m_b = 5.6$	1.5	0.17				PMZ	$m_b = 5.4$	1.5	0.10	
		pP	17 13 55.0	2.4						pP	18 31 18.0	0.6		
		sP	17 13 59.0	2.2			CD2	34.9	330	eP	18 31 42.0	-0.2		
		S	17 19 39.0	0.7			TIA	35.3	351	P	18 31 44.4	-0.9		
		SME			10.0	2.29	XAN	35.4	339	P	18 31 45.4	-0.5		
		LE		$M_s = 5.6$	14.0	5.00	DL2	37.5	358	eP	18 32 05.0	0.9		
BJI	39.1	352	eP	17 13 44.0	-0.2					PMZ	$m_b = 5.5$	1.2	0.090	
		PMZ		$m_b = 5.5$	1.4	0.12	TIY	37.7	346	P	18 32 05.0	-0.6		
SNY	40.4	1	+P	17 13 53.8	-1.1					PMZ	$m_b = 5.3$	1.0	0.050	
		PMZ		$m_b = 5.6$	1.4	0.13				eS	18 37 54.5	0.8		
HHC	40.7	347	+P	17 13 58.4	0.3		LZH	39.2	334	+P	18 32 19.0	1.0		
		PMZ		$m_b = 5.3$	1.0	0.050				PMZ	$m_b = 5.5$	2.5	0.20	
BTO	40.9	345	P	17 13 59.0	-0.3					pP	18 32 27.0	0.3		
		sP	17 14 14.0	1.1						eS	18 38 17.0	0.7		
		ePP	17 15 39.0	2.2			BJI	39.2	351	eP	18 32 17.0	-1.0		
		eS	17 20 08.0	-0.5						PMZ	$m_b = 5.2$	1.2	0.049	
		LN		$M_s = 5.8$	15.0	5.00	SNY	40.4	0	eP	18 32 28.4	0.3		
		LE			15.0	5.00	HHC	40.9	346	P	18 32 32.4	0.2		
LSA	41.4	316	+P	17 14 06.8	2.5		BTO	41.0	344	eP	18 32 33.0	-0.5		
		S	17 20 21.0	5.2			LSA	41.8	316	P	18 32 41.9	1.9		
		LE		$M_s = 4.9$	15.0	0.92	CN2	42.4	2	eP	18 32 41.0	-3.6		
CN2	42.4	3	P	17 14 10.2	-1.4		MDJ	43.5	6	eP	18 32 52.5	-1.3		
GTA	43.5	334	+iP	17 14 21.6	1.1		GTA	43.7	333	eP	18 32 56.0	0.7		
		PMZ		$m_b = 6.0$	1.4	0.35				PMZ	$m_b = 5.5$	1.0	0.080	
MDJ	43.5	7	eP	17 14 19.4	-1.6		WMQ	53.0	328	P	18 34 07.0	-0.3		
		PMZ		$m_b = 5.1$	1.0	0.030				eS	18 41 35.5	1.8		
WMQ	52.7	328	P	17 15 32.5	0.1					sS	18 41 52.5	4.0		
		pP	17 15 42.5	0.5						LN	$M_s = 5.8$	15.0	4.94	
		sP	17 15 50.0	3.9			KSH	57.6	317	P	18 34 41.0	0.0		
		LN		$M_s = 5.6$	15.0	2.78	APR 18d 17h 17m $53.3 \pm 0.05s$, SD1.25 / 67 1.30 N $\pm 0.80km$, 123.48 E $\pm 1.02km$, h32 $\pm 0.01km$ Minahassa Peninsula (Celebes) (265) $m_b 4.8 / 16$,							
KSH	57.3	318	P	17 16 06.5	0.8		GYA	29.8	329	P	17 24 00.2	0.5		
		pP	17 16 16.5	1.1			WHN	30.3	344	eP	17 24 05.6	1.0		
		eS	17 23 59.0	0.8			NJ2	30.9	352	eP	17 24 09.0	-0.5		
							KMI	31.0	322	eP	17 24 12.0	1.1		
							CD2	34.9	330	eP	17 24 43.8	-0.3		
							XAN	35.3	339	P	17 24 48.3	0.5		
							TIY	37.6	346	eP	17 25 07.8	0.3		
							LZH	39.1	334	eP	17 25 20.5	0.6		
										pP	17 25 30.0	1.1		
										sP	17 25 34.0	1.1		
BJI	39.1	351	eP	17 25 20.0	0.2		GZH	23.6	337	P	18 38 11.5	0.7		
HHC	40.8	346	P	17 25 35.0	1.0					PMZ		18.0	13.4	
										S	18 42 24.0	3.7		

		LN	$M_s = 6.4$	13.0	52.2			PMZ	$m_b = 5.9$	1.5	0.33
		LE		15.0	50.6			PMZ	$m_B = 6.8$	6.0	9.83
		LZ	$M_s = 6.2$	16.0	63.4			sP	18 40 41.5	4.9	
QZH	23.9 350	eP	18 38 13.0	-0.5				PP	18 42 00.0	0.6	
		sP	18 38 25.0	1.6				S	18 46 23.0	-0.1	
		S	18 42 24.0	-1.2				SME		15.0	24.8
		LZ	$M_s = 6.0$	18.0	45.4			LN	$M_s = 6.4$	17.0	16.1
GYA	29.6 329	P	18 39 07.4	1.3				LE		15.0	26.3
		pP	18 39 15.8	3.1		BJI	39.1 352	eP	18 40 27.5	-0.2	
		S	18 44 03.0	5.0				PMZ	$m_b = 6.0$	1.5	0.41
		LN	$M_s = 6.3$	14.0	28.4			PMZ	$m_B = 6.1$	12.0	4.14
		LE		14.0	21.1			cS	18 46 20.0	-6.1	
		LZ	$M_s = 5.8$	18.0	19.4			LN	$M_s = 6.2$	16.0	10.2
SSE	29.7 357	P	18 39 07.5	0.5				LE		16.0	16.7
		PMZ	$m_b = 5.7$	1.5	0.20	SNY	40.3 1	+iP	18 40 37.5	-0.9	
		pP	18 39 14.0	0.1				PMZ	$m_b = 5.9$	1.6	0.34
		sP	18 39 22.0	4.9				PMZ	$m_B = 6.1$	8.0	2.34
		S	18 43 57.0	-3.1				pP	18 40 45.4	0.1	
		sS	18 44 08.0	-4.2				S	18 46 40.0	-4.5	
		LN	$M_s = 6.2$	14.0	27.6			LN	$M_s = 6.3$	17.0	20.2
		LZ	$M_s = 5.8$	18.0	20.6			LE		16.0	17.6
WHN	30.2 345	+P	18 39 13.5	1.6				LZ	$M_s = 6.2$	18.0	30.1
		PMZ	$m_b = 5.5$	1.6	0.15	HHC	40.7 347	P	18 40 42.4	0.8	
		PMZ		14.0	10.0			PMZ	$m_b = 5.6$	1.0	0.10
		pP	18 39 22.0	3.3				PP	18 42 20.0	1.7	
		S	18 44 11.0	2.3				S	18 46 53.0	3.0	
		sS	18 44 16.0	-4.9				SMN		13.0	22.1
		LN	$M_s = 6.6$	16.0	80.9			SME		13.0	12.3
		LZ	$M_s = 6.2$	20.0	55.8			LN	$M_s = 6.4$	15.0	20.9
KMI	30.8 322	+P	18 39 17.5	0.7				LE		15.0	20.1
		PMZ	$m_b = 5.8$	2.0	0.33			LZ	$M_s = 6.3$	16.0	34.7
		S	18 44 18.0	1.1		BTO	40.9 345	P	18 40 43.0	0.3	
		LN	$M_s = 6.1$	14.0	16.3			sP	18 40 53.0	0.3	
		LE		14.0	13.7			PP	18 42 23.0	3.2	
		LZ	$M_s = 6.3$	16.0	57.4			S	18 46 49.0	-3.1	
NJ2	30.8 353	+P	18 39 18.0	0.7				LN	$M_s = 6.4$	15.0	27.2
		S	18 44 16.0	-2.3				LE		15.0	16.0
		LN	$M_s = 6.2$	16.0	23.3	LSA	41.4 316	+iP	18 40 50.0	2.2	
		LE		15.0	24.9			S	18 47 01.5	0.8	
CD2	34.7 330	eP	18 39 50.8	0.2				SMN		10.0	4.54
		S	18 45 20.0	2.3				SME		10.0	5.57
		LN	$M_s = 6.2$	13.0	23.3			sS	18 47 18.0	4.9	
		LZ	$M_s = 6.1$	13.0	21.0			LN	$M_s = 5.9$	16.0	5.92
XAN	35.1 339	+P	18 39 55.2	0.4				LE		16.0	6.95
		PMZ	$m_b = 5.6$	1.0	0.10	CN2	42.4 3	+P	18 40 55.0	0.0	
		PMZ	$m_B = 6.0$	9.0	2.40			PMZ	$m_b = 6.4$	1.0	0.60
		pP	18 40 04.5	2.9				PMZ	$m_B = 6.3$	5.0	2.40
		S	18 45 25.0	-0.3				pP	18 41 02.0	0.1	
		LN	$M_s = 6.7$	16.0	76.0			LN	$M_s = 6.3$	16.0	15.0
		LE		14.0	17.4			LE		16.0	18.0
TIA	35.2 352	P	18 39 54.5	-0.4				LZ	$M_s = 6.2$	16.0	23.0
DL2	37.4 358	P	18 40 14.0	-0.2		GTA	43.4 334	eP	18 41 05.4	1.4	
		PMZ	$m_b = 5.8$	1.0	0.16			PMZ	$m_b = 6.2$	1.4	0.56
		PMZ	$m_B = 5.9$	8.0	1.90			LE	$M_s = 6.2$	14.0	14.9
		sP	18 40 27.0	2.8				LZ	$M_s = 6.2$	16.0	25.6
		S	18 46 00.0	-0.7				+P	18 41 03.8	-0.6	
		SMN		15.0	21.6	MDJ	43.5 7	PMZ	$m_b = 5.5$	1.2	0.10
		LN	$M_s = 6.2$	15.0	5.39			S	18 47 36.0	4.7	
		LE		15.0	21.9			SMN		15.0	16.2
		LZ	$M_s = 6.2$	20.0	41.1			LN	$M_s = 6.1$	16.0	12.6
TIY	37.5 346	+iP	18 40 15.0	0.0		WMQ	52.7 328	+iP	18 42 16.0	0.0	
		PMZ	$m_b = 6.0$	1.0	0.28			S	18 49 40.0	-0.4	
		sP	18 40 30.0	5.1				LN	$M_s = 6.4$	18.0	21.5
		PP	18 41 48.0	5.3				-P	18 42 50.0	0.7	
		S	18 46 02.5	0.6		KSH	57.3 318	PMZ	$m_B = 6.5$	8.0	5.30
		LN	$M_s = 6.1$	16.0	20.5			sP	18 43 04.0	4.8	
		LZ	$M_s = 6.3$	18.0	44.3			cS	18 50 43.0	-0.2	
LZH	38.9 335	+iP	18 40 28.0	1.3				LN	$M_s = 6.6$	16.0	24.0

LZ	M _s = 6.1	20.0	15.0	MDJ	43.4	6	eP	19 16 01.0	-0.9		
APR 18d 18h 45m 24.0 ± 0.03s, SD1.19 / 38 1.22 N ± 0.54km, 123.03 E ± 0.78km, h33 ± 0.10km Minahassa Peninsula (Celebes) (265) m _b 5.1 / 11,				GTA	43.5	333	P	19 16 04.0	0.8		
CD2	34.7	330	eP	18 52 13.8	0.4	WMQ	52.8	328	+P	19 17 18.0	2.6
TIY	37.6	346	-P	18 52 37.8	-0.1	PMZ		m _b = 5.2	1.2	0.040	
WMQ	52.8	328	P	18 54 40.0	1.4	pP		19 17 27.0	2.5		
APR 18d 18h 54m 38.5 ± 0.04s, SD1.32 / 134 1.22 N ± 0.66km, 123.41 E ± 0.94km, h28 ± 0.02km Minahassa Peninsula (Celebes) (265) M _s 5.7 / 3, m _b 5.3 / 29,				KSH	57.5	317	eP	19 17 48.0	-1.2		
QZN	22.1	324	eP	18 59 33.6	-0.3	APR 18d 19h 19m 30.0 ± 0.04s, SD1.44 / 101 1.22 N ± 0.70km, 123.51 E ± 1.06km, h33 ± 0.13km Minahassa Peninsula (Celebes) (265) m _b 5.1 / 21,					
GZH	23.8	337	+P	18 59 51.8	1.3	QZN	22.2	324	eP	19 24 28.6	3.3
QZH	24.0	349	eP	18 59 53.1	0.6	GZH	23.9	336	eP	19 24 44.0	2.3
SSE	29.8	356	P	19 00 43.0	-2.5	SSE	29.8	356	P	19 25 39.2	2.9
GYA	29.8	329	P	19 00 48.6	2.7	GYA	29.9	329	P	19 25 41.6	4.4
WHN	30.4	344	eP	19 00 52.0	1.0	WHN	30.4	344	eP	19 25 42.7	0.7
NJ2	31.0	352	+P	19 00 56.4	0.4	NJ2	31.0	352	+P	19 25 47.0	0.1
CD2	34.9	330	eP	19 01 30.5	0.2	CD2	35.0	330	eP	19 26 20.2	-1.3
TIA	35.3	351	eP	19 01 33.0	-0.6	TIA	35.3	351	eP	19 26 23.4	-1.1
XAN	35.4	339	P	19 01 33.2	-0.9	XAN	35.4	339	P	19 26 24.6	-0.6
DL2	37.5	358	eP	19 01 53.0	0.5	TIY	37.7	346	-P	19 26 44.5	-0.4
TIY	37.7	346	eP	19 01 53.0	-0.9	LZH	39.2	334	+P	19 26 57.5	0.2
LZH	39.1	335	eP	19 02 07.5	1.3	PMZ		m _b = 5.2	2.0	0.080	
BJI	39.2	351	eP	19 02 06.0	-0.3	pP		19 27 06.5	0.2		
SNY	40.4	0	eP	19 02 15.4	-1.1	BJI	39.2	351	eP	19 26 56.0	-1.2
HHC	40.9	346	eP	19 02 21.0	0.6	SNY	40.4	0	eP	19 27 05.8	-1.5
BTO	41.0	344	eP	19 02 24.8	3.1	GTA	43.7	333	eP	19 27 34.5	0.0
CN2	42.4	2	eP	19 02 33.0	-0.1	WMQ	53.0	328	P	19 28 46.5	-0.1
MDJ	43.6	6	eP	19 02 41.0	-1.2	KSH	57.7	317	eP	19 28 54.0	-1.9
GTA	43.7	333	+iP	19 02 44.6	1.2	PMZ		m _b = 5.6	1.2	0.12	
WMQ	53.0	328	P	19 03 55.0	-0.4	pP		19 02 16.0	1.6		
KSH	57.6	318	eP	19 04 28.5	-0.5	PMZ		m _b = 5.2	1.5	0.062	
APR 18d 19h 08m 00.2 ± 0.04s, SD1.56 / 86 1.41 N ± 0.80km, 123.42 E ± 1.16km, h31 ± 0.10km Minahassa Peninsula (Celebes) (265) M _s 5.4 / 1, m _b 5.2 / 12,				BJI	39.2	351	eP	19 02 06.0	-0.3		
QZN	22.0	324	eP	19 12 54.4	0.8	SNY	40.4	0	eP	19 02 15.4	-1.1
GZH	23.7	336	+P	19 13 10.8	0.8	HHC	40.9	346	eP	19 02 21.0	0.6
QZH	23.9	349	eP	19 13 13.0	1.1	BTO	41.0	344	eP	19 02 24.8	3.1
SSE	29.6	356	P	19 14 07.5	2.5	CN2	42.4	2	eP	19 02 33.0	-0.1
GYA	29.7	329	P	19 14 06.6	0.9	MDJ	43.6	6	eP	19 02 41.0	-1.2
WHN	30.2	344	eP	19 14 11.5	0.9	GTA	43.7	333	+iP	19 02 44.6	1.2
NJ2	30.8	352	+P	19 14 15.2	-0.3	WMQ	53.0	328	P	19 03 55.0	-0.4
CD2	34.8	330	eP	19 14 49.6	-0.5	S		19 11 19.0	-1.7		
TIA	35.1	351	eP	19 14 52.0	-1.2	LN		M _s = 5.8	12.0	3.51	
XAN	35.2	339	P	19 14 54.8	1.0	KSH	57.6	318	eP	19 04 28.5	-0.5
TIY	37.5	346	eP	19 15 10.7	-2.8	APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38					
LZH	39.0	334	eP	19 15 26.5	0.6	QZN	22.2	324	+P	19 27 33.9	-0.7
BJI	39.0	351	eP	19 15 25.0	-0.9	GZH	23.8	336	-iP	19 27 53.0	2.0
SNY	40.2	0	eP	19 15 32.6	-3.5	QZH	24.0	349	P	19 27 53.0	0.3
APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38				DL2	37.5	358	eP	19 29 52.5	-0.1		
QZN	22.2	324	eP	19 24 28.6	3.3	TIY	37.7	346	+P	19 29 54.4	0.2
GZH	23.9	336	eP	19 24 44.0	2.3	LZH	39.1	334	+iP	19 30 08.0	1.4
SSE	29.8	356	P	19 25 39.2	2.9	PMZ		m _b = 5.7	2.5	0.34	
GYA	29.9	329	P	19 25 41.6	4.4	PMZ		m _b = 6.0	5.0	1.40	
WHN	30.4	344	eP	19 25 42.7	0.7	pP		19 30 16.0	-0.3		
NJ2	31.0	352	+P	19 25 47.0	0.1	BJI	39.2	351	eP	19 30 05.5	-1.0
CD2	35.0	330	eP	19 26 20.2	-1.3	SNY	40.4	0	eP	19 30 15.4	-1.2
TIA	35.3	351	eP	19 26 23.4	-1.1	HHC	40.9	346	P	19 30 20.6	-0.1
XAN	35.4	339	P	19 26 24.6	-0.6	APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38					
TIY	37.7	346	-P	19 26 44.5	-0.4	QZN	22.2	324	+P	19 27 33.9	-0.7
LZH	39.2	334	+P	19 26 57.5	0.2	GZH	23.8	336	-iP	19 27 53.0	2.0
PMZ						QZH	24.0	349	P	19 27 53.0	0.3
pP						sP		19 28 04.0	-2.5		
BJI	39.2	351	eP	19 26 56.0	-1.2	S		19 32 04.0	0.2		
SNY	40.4	0	eP	19 27 05.8	-1.5	LE		M _s = 5.2	14.0	4.33	
GTA	43.7	333	eP	19 27 34.5	0.0	LZ		M _s = 5.1	16.0	5.34	
WMQ	53.0	328	P	19 28 46.5	-0.1	SSE	29.7	356	P	19 28 45.0	-0.6
KSH	57.7	317	eP	19 29 17.0	-3.2	PMZ		m _b = 5.1	1.5	0.050	
APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38				pP				19 28 55.0	-0.4		
QZN	22.2	324	+P	19 27 33.9	-0.7	S		19 33 43.0	5.5		
GZH	23.8	336	-iP	19 27 53.0	2.0	LN		M _s = 5.2	12.0	2.30	
QZH	24.0	349	P	19 27 53.0	0.3	LE			10.0	1.03	
sP						GYA	29.8	329	P	19 28 48.4	1.9
S						WHN	30.4	344	eP	19 28 51.0	-0.3
LE						NJ2	30.9	352	+P	19 29 00.5	-0.5
LZ						CD2	34.9	330	eP	19 28 56.0	-0.2
SSE	29.7	356	P	19 28 45.0	-0.6	TIA	35.3	351	eP	19 29 31.6	0.7
PMZ						XAN	35.3	339	P	19 29 32.3	-1.5
pP						DL2	37.5	358	eP	19 29 34.6	0.1
S						TIY	37.7	346	+P	19 29 52.5	-0.1
LN						PMZ		m _b = 5.7	1.2	0.17	
LE						pP		19 28 55.0	-0.4		
GYA	29.8	329	P	19 28 48.4	1.9	S		19 33 43.0	5.5		
WHN	30.4	344	eP	19 28 51.0	-0.3	LN		M _s = 5.2	12.0	2.30	
NJ2	30.9	352	+P	19 29 00.5	-0.5	LE			10.0	1.03	
CD2	34.9	330	eP	19 28 56.0	-0.2	GYA	29.8	329	P	19 28 48.4	1.9
TIA	35.3	351	eP	19 29 31.6	0.7	WHN	30.4	344	eP	19 28 51.0	-0.3
XAN	35.3	339	P	19 29 32.3	-1.5	NJ2	30.9	352	+P	19 29 00.5	-0.5
DL2	37.5	358	eP	19 29 34.6	0.1	CD2	34.9	330	eP	19 28 56.0	-0.2
TIY	37.7	346	+P	19 29 52.5	-0.1	TIA	35.3	351	eP	19 29 31.6	0.7
LZH	39.1	334	+iP	19 30 08.0	1.4	XAN	35.3	339	P	19 29 32.3	-1.5
PMZ						DL2	37.5	358	eP	19 29 34.6	0.1
pP						TIY	37.7	346	+P	19 29 52.5	-0.1
BJI	39.2	351	eP	19 30 05.5	-1.0	PMZ		m _b = 5.6	1.2	0.11	
SNY	40.4	0	eP	19 30 15.4	-1.2	PMZ		m _b = 5.7	2.5	0.34	
HHC	40.9	346	P	19 30 20.6	-0.1	PMZ		m _b = 6.0	5.0	1.40	
APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38				pP				19 30 16.0	-0.3		
QZN	22.2	324	+P	19 27 33.9	-0.7	BJI	39.2	351	eP	19 30 05.5	-1.0
GZH	23.8	336	-iP	19 27 53.0	2.0	SNY	40.4	0	eP	19 30 15.4	-1.2
QZH	24.0	349	P	19 27 53.0	0.3	HHC	40.9	346	P	19 30 20.6	-0.1
sP						APR 18d 19h 22m 40.1 ± 0.03s, SD1.28 / 169 1.27 N ± 0.63km, 123.51 E ± 0.90km, h36 ± 0.07km Minahassa Peninsula (Celebes) (265) M _s 5.2 / 7, m _b 6.2 / 3, m _b 5.5 / 38					
S						QZN	22.2	324	+P	19 27 33.9	-0.7
LE						GZH	23.8	336	-iP	19 27 53.0	2.0
LZ						QZH	24.0	349	P	19 27 53.0	0.3
SSE	29.7	356	P	19 28 45.0	-0.6	sP		19 28 04.0	-2.5		
PMZ											

		PMZ	$m_b = 5.5$	1.2	0.090
BTO	41.0	344	P	19 30 22.0	0.0
LSA	41.8	316	P	19 30 30.5	1.8
CN2	42.4	2	eP	19 30 31.0	-2.1
MDJ	43.5	6	eP	19 30 40.7	-1.5
GTA	43.7	333	+iP	19 30 45.0	1.1
		PMZ	$m_b = 5.7$	1.0	0.11
WMQ	53.0	328	+P	19 31 56.5	0.6
		pP		19 32 04.5	-1.3
		sP		19 32 07.5	-2.5
		PcP		19 33 05.0	1.5
		S		19 39 22.5	2.1
KSH	57.6	317	P	19 32 30.0	0.4

APR 18d 22h 47m 30.7 ± 0.04s, SD1.19 / 100
1.40 N ± 0.69km, 123.01 E ± 0.96km, h34 ± 0.13km
Minahassa Peninsula (Celebes) (265)
 $M_s 4.9 / 1, m_b 5.1 / 26,$

QZN	21.8	324	eP	22 52 23.5	2.0
			eS	22 56 21.0	5.7
GZH	23.5	337	P	22 52 39.2	0.5
QZH	23.8	350	eP	22 52 42.0	0.6
GYA	29.5	329	P	22 53 34.6	0.6
WHN	30.1	345	P	22 53 40.5	0.7
			pP	22 53 53.2	4.0
XAN	35.0	339	P	22 54 21.4	-1.4
TIA	35.1	352	eP	22 54 22.5	-0.4
DL2	37.3	358	eP	22 54 41.6	-0.6
		PMZ	$m_b = 5.7$	1.2	0.17
		pP		22 54 53.5	1.9
TIY	37.4	346	-iP	22 54 43.1	0.2
LZH	38.8	335	-P	22 54 55.0	0.3
		PMZ	$m_b = 5.1$	2.0	0.061
		pP		22 55 06.5	2.5
		sP		22 55 11.5	3.4
BJI	39.0	352	eP	22 54 55.5	-0.1
		PMZ	$m_b = 5.1$	1.0	0.030
SNY	40.2	1	+P	22 55 05.3	-1.0
		PMZ	$m_b = 5.2$	1.4	0.050
		pP		22 55 17.0	1.2
HHC	40.6	347	P	22 55 10.0	0.5
BTO	40.8	345	eP	22 55 10.0	-0.7
		epP		22 55 23.0	2.9
		eS		23 01 19.0	-0.2
		LN	$M_s = 4.9$	9.0	0.50
		LE		9.0	0.20
LSA	41.3	316	P	22 55 17.8	1.9
CN2	42.3	3	eP	22 55 26.0	3.0
GTA	43.3	334	+iP	22 55 32.6	0.6
		PMZ	$m_b = 5.1$	1.0	0.030
MDJ	43.4	7	eP	22 55 31.2	-1.3
WMQ	52.6	328	P	22 56 44.5	0.5
		eS		23 04 14.0	6.3

APR 18d 22h 58m 43.7 ± 0.08s, SD3.00 / 22
30.00 N ± 0.60km, 99.47 E ± 0.75km, h9 ± 0.24km
Tibet (306)
 $M_s 4.1 / 1, M_L 3.4 / 4,$

CD2	3.8	75	ePn	22 59 46.5	3.5
			Pg	22 59 56.4	5.4
			Sg	23 00 47.2	4.1
			SMN	$M_L = 3.5$	1.0
			SME		1.2
LSA	7.2	270	-Pn	23 00 33.0	2.5
GYA	7.3	117	Pn	23 00 32.0	1.5
WMQ	16.7	329	P	23 02 40.0	0.4
CN2	24.8	49	eP	23 04 06.0	-1.8

				APR 19d 01h 05m 08.5 ± 0.04s, SD1.52 / 224 1.34 N ± 0.84km, 123.08 E ± 1.13km, h32 ± 0.05km Minahassa Peninsula (Celebes) (265) $M_s 5.9 / 58, m_b 5.9 / 21, m_b 5.6 / 64$	
QZN	21.8	324	eP	01 10 00.5	0.2
			PP	01 10 26.0	0.6
			S	01 13 54.5	0.1
			LN	$M_s = 6.0$	14.5
					33.0
GZH	23.6	337	eP	01 10 18.3	0.8
			PMZ		17.0
			S	01 14 30.0	4.2
			sS	01 14 35.0	-5.8
			LN	$M_s = 6.0$	13.0
			LE		14.0
			LZ	$M_s = 5.7$	17.0
					21.1
QZH	23.9	350	P	01 10 20.0	-0.1
			PMZ	$m_b = 6.1$	4.0
			pP	01 10 32.0	3.1
			S	01 14 30.0	-0.4
			sS	01 14 44.0	-1.5
			LN	$M_s = 5.5$	14.0
			LZ	$M_s = 5.5$	18.0
					12.9
GYA	29.5	329	P	01 11 15.0	2.2
			PMZ	$m_b = 5.8$	6.0
			pP	01 11 24.8	3.1
			S	01 16 08.0	4.5
			LN	$M_s = 5.6$	15.0
			LE		15.0
					6.00
SSE	29.6	357	+P	01 11 15.0	1.4
			PMZ	$m_b = 5.7$	1.7
			PP	01 12 16.0	6.1
			S	01 16 10.0	4.8
			LN	$M_s = 5.6$	14.0
			LE		13.0
			LZ	$M_s = 5.5$	18.0
					9.41
WHN	30.2	345	-P	01 11 19.0	0.5
			-P	01 11 22.0	4.0
			PMZ	$m_b = 5.8$	8.0
			pP	01 11 30.0	2.4
			S	01 16 20.0	6.1
			LN	$M_s = 6.1$	16.0
			LE		12.0
			LZ	$M_s = 5.7$	18.0
					14.0
KMI	30.7	322	+P	01 11 24.0	0.4
			PMZ	$m_b = 5.6$	2.0
			pP	01 11 32.0	-0.4
			sP	01 11 36.0	-0.3
			S	01 16 29.0	6.5
			LN	$M_s = 5.8$	15.0
			LE		15.0
					5.90
NJ2	30.8	353	+P	01 11 24.0	0.1
			sP	01 11 34.0	-2.9
			S	01 16 28.0	4.6
			LN	$M_s = 5.8$	13.0
			LE		15.0
			LZ	$M_s = 5.5$	16.0
					7.91
CD2	34.6	330	eP	01 11 57.0	-0.3
			S	01 17 28.0	4.8
			LN	$M_s = 5.9$	13.0
			LZ	$M_s = 5.6$	14.0
					6.91
XAN	35.1	339	-P	01 12 01.4	-0.1
			PMZ	$m_b = 5.8$	6.0
			pP	01 12 11.1	0.6
			PP	01 13 22.0	1.8
			S	01 17 31.4	0.7
			LN	$M_s = 6.0$	13.0
			LE		15.0
					9.80
TIA	35.1	352	eP	01 12 01.9	0.4

		PMZ		14.0	1.76			LE	$M_s = 5.2$												
		sP	01 12	15.5	1.0	CN2	42.3 3	P	01 13	01.0	-0.5										
		S	01 17	33.0	2.2			PMZ		$m_b = 5.1$										1.0 0.030	
		LN		$M_s = 5.7$	15.0			PMZ		$m_b = 6.0$											5.0 1.20
		LZ		$M_s = 5.4$	36.0			sP	01 13	13.0	-1.7										
DL2	37.4 358	eP	01 12	20.0	-0.7			eS	01 19	19.0	-1.5										
		PMZ		$m_b = 5.8$	1.5			SMN													16.0 7.70
		PMZ		$m_b = 5.9$	8.0			SME													16.0 1.50
		epP	01 12	28.0	-1.9			LN		$M_s = 5.9$											16.0 6.00
		eS	01 18	06.0	-0.7			LE													16.0 6.00
		SMN			12.0			LZ		$M_s = 5.7$											16.0 7.70
		LN		$M_s = 5.9$	12.0		GTA	43.4 334	+iP	01 13	11.0	0.3									
		LE			15.0			PMZ		$m_b = 5.2$											1.4 0.050
		LZ		$M_s = 5.5$	18.0			pP	01 13	19.0	-0.8										
TIY	37.5 346	+P	01 12	20.0	-1.6			sP	01 13	24.0	0.3										
		sP	01 12	36.0	1.4			PP	01 14	56.0	2.4										
		PP	01 13	55.0	5.3			S	01 19	33.0	-2.5										
		S	01 18	10.0	2.9			ScS	01 23	08.0	3.3										
		LN		$M_s = 5.9$	14.0			LE		$M_s = 5.9$											14.0 7.43
		LZ		$M_s = 6.0$	16.0			LZ		$M_s = 5.9$											16.0 12.8
LZH	38.9 335	+P	01 12	33.5	0.1		MDJ	43.5 7	+P	01 13	09.2	-1.7									
		PMZ		$m_b = 5.9$	2.0			PMZ		$m_b = 5.4$											1.5 0.080
		PMZ		$m_b = 6.0$	8.0			pP	01 13	19.0	-1.2										
		pP	01 12	42.5	0.1			sP	01 13	24.0	0.0										
		sP	01 12	47.0	0.6			iS	01 19	35.2	-2.0										
		PP	01 14	06.0	-0.4			SMN													12.0 4.00
		S	01 18	29.0	0.5			LE		$M_s = 5.6$											14.0 4.00
		SME			14.0		WMQ	52.7 328	P	01 14	22.5	-0.1									
		SS	01 21	14.0	1.5			sP	01 14	35.0	-0.7										
		ScS	01 22	40.0	2.3			PP	01 16	24.0	1.6										
		LN		$M_s = 5.9$	13.0			SME													10.0 4.73
		LE			14.0			LN		$M_s = 5.9$											15.0 5.26
		LZ		$M_s = 5.9$	18.0			LZ		$M_s = 5.9$											16.0 8.32
BJI	39.0 352	eP	01 12	33.0	-1.2		KSH	57.3 318	P	01 14	57.0	0.9									
		PMZ		$m_b = 5.8$	2.0			sP	01 15	14.0	4.8										
		PMZ		$m_b = 5.9$	8.0			ePP	01 17	06.0	2.0										
		ePP	01 14	08.0	0.1			eS	01 22	50.0	1.3										
		eS	01 18	28.0	-3.3			LE		$M_s = 6.2$											16.0 9.70
		eScS	01 22	43.0	4.6			LZ		$M_s = 5.9$											20.0 9.40
		LN		$M_s = 6.3$	16.0																
		LE			14.0			APR 19d 03h 59m $22.2 \pm 0.05s$, SD1.37 / 89													
		LZ		$M_s = 5.8$	16.0			1.20 N \pm 0.82km, 123.49 E \pm 0.95km, h28 \pm 0.01km													
		+P	01 12	42.0	-2.8			Minahassa Peninsula (Celebes) (265)													
		PMZ		$m_b = 5.6$	1.8			$M_s 4.8 / 17, m_b 5.6 / 1, m_b 5.3 / 27$													
SNY	40.3 1	PMZ			16.0		QZN	22.2 324	P	04 04	18.2	-0.1									
		pP	01 12	51.5	-2.5			S	04 08	16.0	0.3										
		S	01 18	43.0	-6.5			sS	04 08	28.0	-1.3										
		LN		$M_s = 5.8$	15.0			LN		$M_s = 4.9$											15.0 2.64
		LE			15.0		GZH	23.9 336	P	04 04	36.2	1.5									
		LZ		$M_s = 5.8$	16.0			S	04 08	52.0	6.4										
HHC	40.7 347	P	01 12	48.0	-0.1		QZH	24.1 349	eP	04 04	37.0	0.5									
		pP	01 12	53.5	-3.7			eS	04 08	50.0	0.4										
		sP	01 13	03.0	1.8			sS	04 09	03.0	0.2										
		S	01 18	56.0	0.8			SSE	29.8 356	P	04 05	31.5	2.1								
		SMN			14.0			PMZ		$m_b = 5.2$											1.8 0.090
		SME			11.0			pP	04 05	39.5	1.8										
		LN		$M_s = 6.0$	15.0			eS	04 10	24.0	0.6										
		LE			13.0			LE		$M_s = 4.3$											14.0 0.39
BTO	40.8 345	P	01 12	49.0	-0.3			LZ		$M_s = 4.2$											20.0 0.55
		sP	01 13	02.5	0.1																
		PP	01 14	27.0	0.3			GYA	29.9 329	P	04 05	34.0	3.8								
		S	01 18	56.0	-1.4			pP	04 05	41.8	3.5										
		LN		$M_s = 6.2$	16.0			S	04 10	29.4	5.8										
		LE			14.0			WHN	30.4 344	eP	04 05	36.3	1.2								
LSA	41.4 316	P	01 12	58.0	3.3			sP	04 05	46.3	-0.7										
		iS	01 19	15.0	6.8			-P	04 05	42.0	0.7										
		SME			10.0			pP	04 05	50.0	0.8										
		sS	01 19	28.0	5.5			eS	04 10	51.0	6.7										
								LN		$M_s = 4.8$											15.0 0.90

LSA	41.8	316	eP	08 36 26.0	3.4					S	12 51 51.0	0.9	14.0	14.8
CN2	42.3	2	eP	08 36 26.0	-0.2					LN	$M_g=6.1$		16.0	19.0
MDJ	43.4	6	eP	08 36 34.0	-1.2					LE			16.0	16.1
			S	08 43 00.0	0.1					LZ	$M_g=5.8$		16.0	16.1
			LZ	$M_s=4.7$		20.0	0.90		NJ2	31.1 352	-P	12 46 58.6	1.0	
GTA	43.6	333	-P	08 36 36.8	-0.6					pP	12 47 09.6		4.6	
			S	08 43 06.0	2.4					iS	12 52 02.0		1.4	
			LE	$M_s=5.1$		14.0	1.34			LN	$M_g=6.1$		16.0	21.3
			LZ	$M_s=5.2$		14.0	2.05			LE			17.0	16.4
WMQ	52.9	328	P	08 37 50.2	0.6					LZ	$M_g=5.8$		19.0	17.8
			S	08 45 18.0	3.7				KMI	31.1 322	-P	12 47 00.0	1.5	
			LN	$M_s=5.3$		20.0	2.09			PMZ	$m_b=6.1$		2.5	0.80
			LZ	$M_s=5.0$		14.0	1.04			pP	12 47 06.5		0.9	
KSH	57.6	317	eP	08 38 27.2	3.7					sP	12 47 12.0		3.0	
										iS	12 52 06.0		3.8	
APR 19d 11h 10m $37.9 \pm 0.07s$, $SD2.58 / 17$														
39.53 N $\pm 0.78km$, 74.71 E $\pm 0.58km$, $h29 \pm 0.35km$														
Southern Xinjiang Province (321)														
$M_s4.0 / 1$, $M_L4.0 / 4$, $m_b3.9 / 3$														
KSH	0.9	90	iPg	11 10 54.1	-1.2					LN	$M_g=6.1$		16.0	21.2
			Sg	11 11 06.6	-1.8					LE			16.0	14.1
WMQ	10.6	62	P	11 13 10.5	-1.0					LZ	$M_g=6.2$		14.0	34.9
			LN	$M_s=4.0$		5.0	0.32		CD2	35.0 330	eP	12 47 31.1	-0.8	
GTA	19.4	82	P	11 15 08.8	4.4					S	12 53 01.0		-0.2	
APR 19d 12h 40m $38.4 \pm 0.04s$, $SD1.44 / 276$														
1.11 N $\pm 0.86km$, 123.44 E $\pm 1.11km$, $h23 \pm 0.05km$														
Minahassa Peninsula (Celebes) (265)														
$M_s6.1 / 59$, $m_b6.3 / 39$, $m_b5.7 / 75$														
QZN	22.2	324	-iP	12 45 35.5	-0.1					LN	$M_s=6.3$		15.0	27.6
			PMZ	$m_b=6.0$		8.0	4.84			LZ	$M_s=5.9$		16.0	18.0
			sP	12 45 47.5	1.2					eP	12 47 35.2		0.0	
			iS	12 49 34.0	-0.4					PMZ	$m_b=5.9$		6.0	1.40
			LN	$M_s=6.1$		12.0	18.6			S	12 53 08.0		0.8	
			LE			15.0	35.4			LN	$M_s=6.1$		17.0	15.6
GZH	23.9	337	P	12 45 53.4	1.2					LE			17.0	13.0
			PMZ	$m_b=6.9$		6.0	30.7			LZ	$M_s=5.8$		21.0	16.3
			S	12 50 10.0	6.1				XAN	35.5 339	P	12 47 34.6	-1.1	
			LN	$M_s=6.2$		16.0	22.6			PMZ	$m_b=5.9$		1.5	0.30
			LE			14.0	37.1			PMZ	$m_b=6.3$		7.0	3.60
			LZ	$M_s=6.1$		18.0	60.1			S	12 53 07.0		-1.1	
QZH	24.1	349	-iP	12 45 55.0	0.8					LN	$M_s=6.4$		16.0	29.8
			PMZ	$m_b=6.4$		8.0	12.2			LE			18.0	34.1
			pP	12 46 03.0	1.5					eP	12 47 54.5		0.4	
			S	12 50 07.0	-0.5					PMZ	$m_b=5.7$		1.0	0.12
			sS	12 50 20.0	-0.1					PMZ	$m_b=6.1$		5.0	1.53
			SS	12 50 58.0	-1.5					epP	12 48 04.0		2.4	
			LE	$M_s=5.9$		15.0	19.7			S	12 53 39.0		-2.6	
			LZ	$M_s=5.7$		18.0	20.7			SME			8.0	7.83
SSE	29.9	356	P	12 46 47.5	0.4					ScS	12 58 05.0		2.0	
			PMZ	$m_b=5.3$		1.0	0.050			LN	$M_s=6.0$		15.0	12.9
			pP	12 46 58.0	3.4					LE			11.0	3.32
			sP	12 47 02.0	4.0					LZ	$M_s=5.7$		20.0	11.8
			S	12 51 38.0	-3.3					-iP	12 47 55.0		-0.5	
			LE	$M_s=5.8$		16.0	12.7			pP	12 48 07.0		4.1	
			LZ	$M_s=5.8$		20.0	22.1			PP	12 49 25.0		0.7	
GYA	29.9	329	-P	12 46 49.0	1.5					S	12 53 40.0		-4.0	
			PMZ	$m_b=6.4$		6.0	4.50			sS	12 53 58.0		0.6	
			pP	12 47 00.4	5.5					SS	12 56 26.0		6.2	
			S	12 51 42.0	0.3					ScS	12 58 04.5		0.7	
			ScS	12 57 25.6	3.0					LN	$M_s=6.0$		15.0	13.3
			LN	$M_s=6.1$		15.0	23.9			LZ	$M_s=6.0$		22.0	26.1
			LE			15.0	14.3			-iP	12 48 08.0		0.3	
			LZ	$M_s=5.8$		18.0	19.4			PMZ	$m_b=6.2$		2.5	1.11
WHN	30.5	344	eP	12 46 53.0	0.4					PMZ	$m_b=6.6$		6.0	5.59
			PMZ	$m_b=5.7$		1.4	0.18			pP	12 48 16.5		1.4	
			PMZ	$m_b=6.3$		6.0	3.47			PP	12 49 38.0		-3.6	
			pP	12 47 05.0	4.9					S	12 54 05.0		-1.1	
										SMN			10.0	11.1
										SME			10.0	11.0
										sS	12 54 21.0		1.5	
										SS	12 56 53.0		1.1	
										ScS	12 58 12.0		-0.3	
										LE	$M_s=6.3$		16.0	25.9
										-eP	12 48 07.5		-0.4	
										PMZ	$m_b=5.6$		1.5	0.16
										PMZ	$m_b=6.1$		7.0	2.48



SNY	40.5	0	S	12 54 04.0	-2.7			PcP	12 51 01.5	-2.8				
			eScS	12 58 13.0	0.5			iS	12 57 25.0	0.4				
			LN		$M_s=6.0$	17.0	11.1	SMN			10.0	9.81		
			LE			18.0	11.6	LN		$M_s=6.4$	20.0	24.5		
			LZ		$M_s=5.9$	20.0	20.1	LZ		$M_s=6.2$	20.0	20.9		
			+P	12 48 17.0	-1.1			KSH	57.7 318	P	12 50 30.0	-0.4		
			PMZ		$m_b=5.8$	1.8	0.31	PMZ		$m_B=6.7$	6.0	5.70		
			PMZ		$m_B=6.2$	5.0	1.89	cpP	12 50 40.0	2.1				
			pP	12 48 25.8	0.2									
			sP	12 48 28.8	-0.2									
			SMN		35.0	14.5	APR 19d 21h 52m $36.7 \pm 0.06s$, SD2.39 / 25							
			SME		25.0	18.9	$39.58 N \pm 0.73km$, $118.54 E \pm 0.56km$, $h17 \pm 0.15km$							
			ScS	12 58 21.0	1.3		North-Eastern China (658)							
			LN		$M_s=6.1$	17.0	15.1	BJI	1.9 285	Pn	21 53 07.0	-1.5		
			LE			16.0	8.79			Pg	21 53 09.0	-1.0		
			LZ		$M_s=6.1$	18.0	27.1			Sn	21 53 29.0	-4.6		
HHC	41.0	346	-P	12 48 22.6	0.6					Sg	21 53 32.0	-3.7		
			eS	12 54 31.5	-1.6					SMN		$M_L=3.2$	0.5	0.21
			LN		$M_s=6.2$	16.0	15.0			SME			0.5	0.28
			LE			16.0	11.8	DL2	2.5 105	Pn	21 53 18.3	1.3		
			LZ		$M_s=6.0$	26.0	28.7			Pg	21 53 23.8	3.0		
BTO	41.1	344	-iP	12 48 24.0	0.7					Sg	21 53 59.0	4.0		
			PMZ		$m_B=6.2$	6.0	2.30			SMN		$M_L=3.5$	0.8	0.27
			sP	12 48 36.0	1.9			TIA	3.5 199	ePn	21 53 33.0	1.5		
			PP	12 50 02.0	0.9					Pg	21 53 42.0	2.7		
			iS	12 54 35.0	-0.4					SMN		$M_L=3.4$	0.6	0.10
			sS	12 54 51.0	3.3					SME			0.6	0.10
			LN		$M_s=6.4$	17.0	24.5			SMZ		$M_L=3.5$	0.6	0.10
			LE			14.0	14.1	SNY	4.4 58	ePg	21 53 56.8	1.6		
LSA	41.9	316	P	12 48 29.4	0.0					Sg	21 54 55.6	-0.3		
			iP	12 48 31.0	2.6					SMN		$M_L=3.8$	0.8	0.17
			PMZ		$m_B=6.4$	7.0	4.05			SME			1.0	0.12
			PP	12 50 07.0	-1.9			TIY	5.1 251	+iPn	21 53 54.6	1.3		
			ScS	12 58 24.5	-3.1					Pg	21 54 09.5	2.2		
			LE		$M_s=5.4$	13.5	2.41			Sg	21 55 12.3	-5.1		
CN2	42.5	2	eP	12 48 34.0	-0.6					SMN		$M_L=3.8$	0.6	0.14
			pP	12 48 43.0	0.8					SME			0.7	0.080
			ScP	12 54 14.0	-0.8			HHC	5.5 286	-Pg	21 54 14.6	0.8		
			S	12 54 55.0	0.3					Sg	21 55 24.8	-3.8		
			SMN			20.0	4.60			SMN		$M_L=4.1$	1.0	0.11
			SME			20.0	10.0			SME			0.8	0.22
			ScS	12 58 33.0	1.3			BTO	6.6 282	Pg	21 54 33.4	-0.3		
			LN		$M_s=6.1$	14.5	7.90			Sg	21 56 00.0	-3.9		
			LE			14.5	12.1			SMN		$M_L=3.6$	0.8	0.050
			LZ		$M_s=5.8$	28.0	18.2			SME			0.8	0.010
MDJ	43.7	6	eP	12 48 42.3	-1.4			CN2	6.7 49	-Pg	21 54 36.8	2.1		
			PMZ		$m_b=5.5$	1.2	0.10			Sg	21 56 08.0	2.2		
			pP	12 48 52.0	0.7					SMN		$M_L=4.1$	1.0	0.12
			iS	12 55 10.0	-2.1					SME			1.0	0.093
			SME			9.0	5.60							
			sS	12 55 25.0	0.4									
			SS	12 58 19.0	-0.5									
			ScS	12 58 38.0	-0.6									
			LE		$M_s=6.1$	18.0	15.7							
			LZ		$M_s=5.8$	24.0	14.1							
GTA	43.8	333	-iP	12 48 45.6	0.6			QZN	22.5 323	eP	22 08 08.5	0.8		
			PMZ		$m_b=6.2$	1.4	0.58			S	22 12 11.0	2.9		
			PMZ		$m_B=6.5$	6.0	4.87			QZH	24.3 348	eP	22 08 24.0	-0.9
			pP	12 48 54.0	1.6					S	22 12 39.0	0.0		
			sP	12 48 57.0	1.3					sS	22 12 49.0	-3.1		
			PP	12 50 30.0	1.7			GYA	30.2 328	P	22 09 20.4	1.2		
			S	12 55 16.0	2.9			WHN	30.7 344	+P	22 09 23.5	0.0		
			sS	12 55 30.0	3.4					pP	22 09 31.5	0.3		
			ScS	12 58 39.0	-0.5			KMI	31.4 321	+P	22 09 31.0	0.5		
			LE		$M_s=6.1$	15.0	14.2			pP	22 09 37.5	-0.4		
			LZ		$M_s=6.1$	17.0	21.0			sP	22 09 42.0	0.6		
WMQ	53.1	328	-iP	12 49 57.0	0.1			XAN	35.7 338	P	22 10 06.7	-0.1		
			PMZ		$m_B=6.8$	5.0	6.46			TIY	38.0 345	+P	22 10 25.4	-0.8



		S	22 16 16.0	0.4					LN	$M_g = 5.4$	13.0	2.10
		sS	22 16 28.0	-1.6					LE		14.0	3.90
		LZ	$M_s = 4.6$		16.0	0.72		GYA	32.7 93	P	22 48 05.0	1.5
BJI	39.4 351	eP	22 10 37.0	-1.3					LN	$M_g = 5.2$	15.0	2.30
		PMZ	$m_b = 4.6$		1.2	0.013			LE		15.0	1.70
		epP	22 10 45.0	-1.2					LZ	$M_g = 5.0$	16.0	2.50
		eS	22 16 32.0	-6.7				HHC	33.7 66	P	22 48 14.2	2.3
		LZ	$M_s = 4.1$		20.0	0.30			ePP		22 49 29.0	4.6
LZH	39.5 334	P	22 10 39.2	0.2					S		22 53 34.5	3.5
		PMZ	$m_b = 5.4$		1.0	0.063			LN	$M_g = 5.2$	10.0	1.02
		pP	22 10 46.5	-0.2					LE		13.0	2.01
		sP	22 10 50.0	-0.1					LZ	$M_g = 5.2$	18.0	3.78
		eS	22 16 41.0	1.1				TIY	34.6 71	+P	22 48 20.0	0.2
		LN	$M_s = 5.0$		15.0	0.70			S		22 53 46.0	0.5
		LE			15.0	0.90			sS		22 53 56.0	-5.6
MDJ	43.7 6	eP	22 11 18.0	4.8					LN	$M_g = 5.2$	13.0	2.16
GTA	44.0 333	eP	22 11 16.0	-0.2					LZ	$M_g = 5.3$	12.0	3.13
		PMZ	$m_b = 4.9$		1.0	0.020		BJI	37.3 67	eP	22 48 43.0	0.9
		S	22 17 46.0	0.4					PMZ	$m_b = 5.2$	2.0	0.083
		LZ	$M_s = 4.5$		18.0	0.59			LN	$M_g = 5.3$	13.0	1.62
WMQ	53.3 328	P	22 12 28.0	-0.2					LE		14.0	1.99
<p>APR 19d 22h 41m 31.2 ± 0.05s, SD1.59 / 153 34.08 N ± 1.04km, 69.66 E ± 0.59km, h33 ± 0.04km Afghanistan (709) $M_s 5.3 / 46, m_b 5.6 / 7, m_b 5.1 / 38$</p>												
KSH	7.4 41	-P	22 43 21.0	1.2					LZ	$M_g = 5.1$	20.0	3.29
		eS	22 44 43.0	-0.5				WHN	37.7 83	eP	22 48 46.0	0.1
		LN	$M_s = 6.2$		8.0	139			PMZ	$m_b = 5.5$	1.5	0.13
WMQ	17.0 50	P	22 45 26.5	-2.4					S		22 54 33.0	0.1
		PMZ			3.0	1.55			LN	$M_s = 5.3$	14.0	2.46
		S	22 48 40.0	4.6					LE		14.0	1.05
		SME			4.0	5.18			LZ	$M_g = 4.9$	16.0	1.67
		LN	$M_s = 5.2$		8.0	3.89		TIA	38.6 73	eP	22 48 54.8	1.7
GTA	24.7 69	-P	22 46 52.0	1.1					PP		22 50 24.0	-1.2
		PMZ	$m_b = 5.7$		4.0	1.19			LN	$M_g = 5.2$	13.0	1.60
		pP	22 46 58.0	-1.6				QZN	38.7 102	eP	22 48 55.0	1.0
		sS	22 51 25.0	2.6					eS		22 54 49.0	0.3
		LN	$M_s = 5.1$		11.0	2.57		GZH	39.6 94	-iP	22 49 04.0	2.1
		LZ	$M_s = 5.0$		16.0	3.32			eS		22 55 08.0	5.1
LZH	28.0 76	P	22 47 22.5	1.1				DL2	41.6 68	LZ	$M_s = 5.1$	20.0 2.54
		PMZ	$m_b = 5.2$		2.0	0.094			eP		22 49 21.0	2.9
		PMZ	$m_b = 5.5$		5.0	0.47			PMZ	$m_b = 4.8$	1.2	0.020
		sP	22 47 35.0	0.7					eS		22 55 38.0	5.8
		S	22 52 03.0	2.1					SMN		8.0	0.54
		sS	22 52 21.0	4.2					LN	$M_s = 5.1$	12.0	0.68
		LN	$M_s = 5.2$		11.0	1.24			LE		12.0	1.01
		LE			13.0	2.50			LZ	$M_s = 4.9$	20.0	1.51
CD2	28.9 87	eP	22 47 29.6	0.3				SNY	42.6 63	+P	22 49 27.0	0.5
		eS	22 52 20.0	3.9					S		22 55 43.0	-3.2
		LN	$M_s = 5.4$		11.0	4.03			SS		22 58 57.0	5.4
		LZ	$M_s = 5.0$		16.0	3.03			LE	$M_s = 5.6$	14.0	4.49
KMI	30.0 98	+P	22 47 40.0	0.3					LZ	$M_s = 5.6$	16.0	6.68
		PMZ	$m_b = 5.6$		5.0	0.50		SSE	43.1 79	eP	22 49 32.5	1.7
		sP	22 47 54.5	1.8					eS		22 55 56.0	1.1
		S	22 52 36.0	2.6					sS		22 56 08.0	-2.5
		sS	22 52 52.0	2.5					LN	$M_s = 5.4$	14.0	2.24
		LN	$M_s = 5.2$		10.0	1.90			LE		14.0	1.29
		LE			10.0	1.20			LZ	$M_s = 5.0$	20.0	1.84
		LZ	$M_g = 5.1$		18.0	4.30		QZH	43.2 89	eP	22 49 30.0	-1.3
XAN	32.4 79	P	22 48 01.0	0.4					eS		22 55 54.0	-1.8
		S	22 53 12.0	1.2					LN	$M_s = 5.2$	14.0	1.70
		LN	$M_s = 5.4$		12.0	2.20			LZ	$M_s = 4.9$	14.0	1.18
		LE			14.0	2.80		CN2	43.7 60	P	22 49 37.0	1.4
BTO	32.5 67	P	22 48 03.0	1.2					eS		22 56 04.0	0.5
		pP	22 48 13.0	2.2					LN	$M_s = 5.4$	14.0	1.70
		PP	22 49 12.0	1.9					LE		14.0	1.80
		S	22 53 14.0	1.1					LZ	$M_s = 5.4$	18.0	4.20
								MDJ	46.6 58	eP	22 49 54.0	-4.3
									SS		23 00 00.0	-2.2
									LN	$M_s = 5.3$	12.0	1.60
									LZ	$M_s = 5.6$	16.0	5.30

APR 19d 23h 22m 51.1 ± 0.05s, SD2.38 / 5
 39.83 N ± 0.17km, 74.26 E ± 0.38km, h26 ± km
 Tadzhikistan-Xinjiang border region (719)
 M_L4.0 / 3,

KSH	1.3	103	-iPg	23 23 14.0	-1.1		
			Sg	23 23 28.5	-4.8		
			SMN		M _L = 4.1	0.8	3.10
			SME			0.8	2.80

APR 20d 06h 54m 15.3 ± 0.03s, SD2.42 / 11
 38.50 N ± 0.40km, 98.11 E ± 0.34km, h9 ± 0.02km
 Qinghai Province (325)
 M_S3.6 / 1, M_L3.6 / 7,

GTA	1.6	55	-iPn	06 54 46.8	2.3		
			Pg	06 54 47.6	3.8		
			SMN		M _L = 3.1	0.6	0.23
			SME			0.6	0.26
			LE			5.0	0.56
			LZ			7.0	0.84
LZH	5.2	116	ePn	06 55 34.8	1.4		
			Pg	06 55 51.0	4.5		
			Sg	06 56 59.4	2.2		
			SMN		M _L = 3.8	1.8	0.11
			SME			1.5	0.11
			LN		M _S = 3.6	7.0	0.35
			LE			6.0	0.25
WMQ	9.5	307	eP	06 56 33.0	-2.2		

APR 20d 08h 51m 34.9 ± 0.05s, SD0.86 / 147
 24.17 S ± 0.49km, 179.64 W ± 0.21km, h478 ± 0.60km
 South of Fiji (171)
 m_b5.2 / 44,

QZH	77.2	305	eP	09 02 40.6	-0.1		
SSE	78.9	311	P	09 02 49.2	-0.6		
			PMZ		m _b = 4.5	1.0	0.020
NJ2	81.1	311	-P	09 03 01.8	0.6		
MDJ	82.7	326	-P	09 03 09.5	0.3		
			PMZ		m _b = 5.0	1.0	0.050
WHN	83.4	307	-iP	09 03 14.0	1.0		
			PMZ		m _b = 5.2	1.0	0.070
SNY	84.1	321	+iP	09 03 16.2	0.0		
CN2	84.3	323	-iP	09 03 17.0	-0.3		
TIA	84.7	314	-P	09 03 19.4	0.3		
GYA	87.2	301	P	09 03 32.0	0.7		
BJI	87.5	316	eP	09 03 32.5	0.0		
			PMZ		m _b = 5.0	1.4	0.044
TIY	88.6	313	-iP	09 03 39.0	0.9		
			PMZ		m _b = 5.5	0.8	0.070
XAN	89.2	308	-P	09 03 41.0	0.4		
			PMZ		m _b = 5.3	0.8	0.050
KMI	89.7	298	eP	09 03 43.5	0.3		
HHC	90.8	315	eP	09 03 48.6	0.2		
CD2	91.5	303	+iP	09 03 52.6	1.2		
LZH	93.8	308	-P	09 04 02.7	0.6		
			PMZ		m _b = 5.3	1.0	0.033
GTA	98.1	309	eP	09 04 21.6	0.0		

APR 20d 15h 34m 04.4 ± 0.06s, SD2.33 / 14
 24.80 N ± 0.82km, 122.89 E ± 0.48km, h94 ± 0.66km
 Taiwan region (243)
 m_b4.0 / 2,

QZH	3.9	273	-P	15 35 01.5	-2.1		
			SMN			0.5	0.080
			SME			0.6	0.040
CN2	19.1	6	+P	15 38 24.0	1.8		

APR 20d 18h 23m 28.9 ± 0.16s, SD1.84 / 138
 14.73 S ± 1.15km, 71.38 W ± 0.54km, h130 ± 1.47km

Southern Peru
 m_b5.1 / 17, (117)

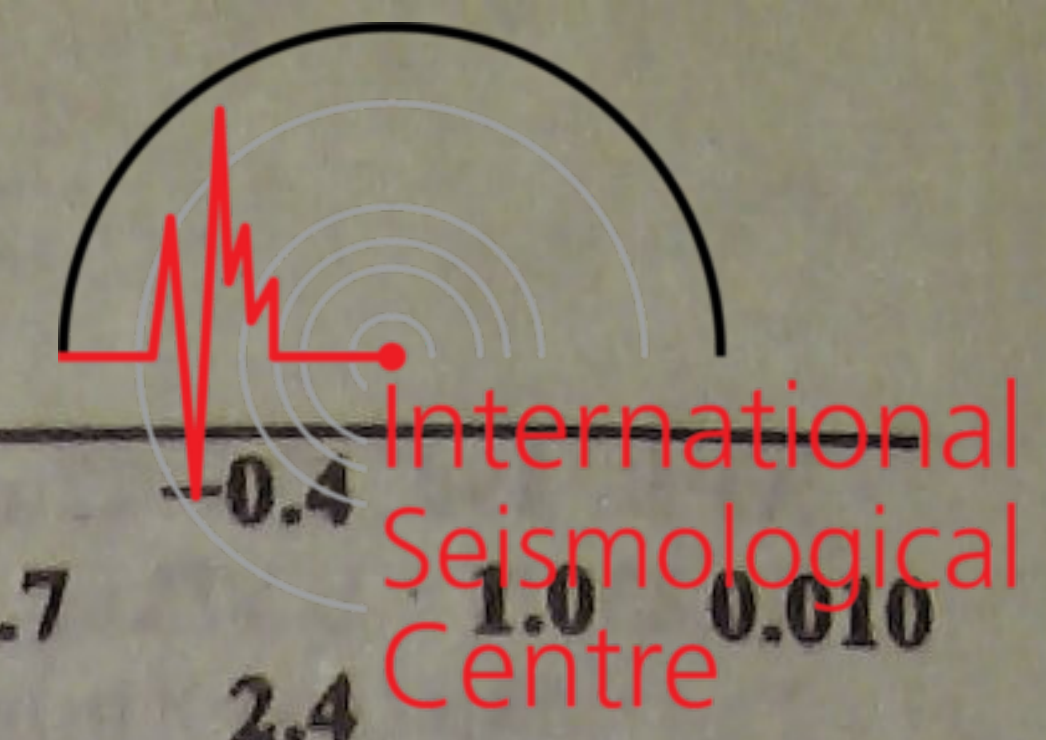
KSH	142.2	43	ePKP	18 42 48.0	0.9		
MDJ	145.3	333	ePKP	18 42 52.0	-0.4		
WMQ	146.0	27	PKP	18 42 53.2	-0.3		
			PKP2	18 43 01.2	5.2		
			PP	18 46 21.5	2.3		
CN2	147.7	337	PKP	18 42 56.0	-0.3		
SNY	150.1	337	+PKP	18 43 03.1	3.1		
DL2	153.3	337	ePKP	18 43 06.5	1.7		
HHC	153.9	355	ePKP	18 43 08.0	2.3		
BJI	153.9	347	ePKP	18 43 07.0	1.4		
BTO	154.2	358	ePKP	18 43 10.2	4.0		
GTA	154.2	16	ePKP	18 43 08.0	1.8		
TIY	156.9	352	ePKP	18 43 11.0	1.3		
			pPKP	18 43 42.2	-1.4		
LZH	158.3	11	ePKP	18 43 07.0	-4.6		
XAN	160.8	359	PKP	18 43 13.5	-0.7		
CD2	163.3	15	ePKP	18 43 19.2	2.5		
WHN	163.4	342	ePKP	18 43 16.0	-0.8		
			PKP2	18 44 09.0	-0.5		
GYA	168.2	9	PKP	18 43 23.0	2.1		

APR 20d 20h 23m 02.0 ± 0.05s, SD1.93 / 50
 32.77 N ± 0.64km, 85.68 E ± 0.63km, h32 ± 0.01km
 Tibet (306)
 M_S4.3 / 8, m_b4.4 / 7,

LSA	5.6	122	Pn	20 24 28.6	4.6		
			LN		M _S = 4.1	9.0	1.77
KSH	10.4	313	P	20 25 32.0	0.2		
			pP	20 25 39.0	0.4		
			eS	20 27 28.5	0.3		
			LN		M _S = 4.7	8.0	2.20
WMQ	11.1	8	P	20 25 41.7	-0.7		
			S	20 27 45.0	-1.4		
			LN		M _S = 3.8	10.0	0.33
			LZ		M _S = 3.8	16.0	0.69
GTA	13.2	56	eP	20 26 11.4	1.2		
			LN		M _S = 4.2	11.0	0.70
			LZ		M _S = 3.9	10.0	0.45
LZH	15.4	73	eP	20 26 40.0	1.7		
			PMZ		m _b = 4.4	1.0	0.016
			LN		M _S = 4.4	12.0	1.10
			LZ		M _S = 4.0	12.0	0.53
GYA	19.3	104	P	20 27 25.4	-1.8		
XAN	19.4	80	P	20 27 29.0	0.1		
BTO	21.0	61	eP	20 27 44.5	-0.8		
HHC	22.2	61	eP	20 27 58.0	0.7		
TIY	22.4	70	eP	20 28 03.5	4.4		
			LN		M _S = 4.3	11.0	0.44
WHN	24.5	87	eP	20 28 20.0	0.4		
BJI	25.5	65	eP	20 28 26.5	-3.0		

APR 20d 20h 33m 38.1 ± 0.04s, SD1.63 / 144
 13.41 N ± 1.34km, 89.96 W ± 1.19km, h70 ± 0.40km
 Off coast of Central America (76)
 M_S5.9 / 1, m_b4.9 / 30,

BJI	121.5	337	ePKP	20 52 26.0	1.3		
HHC	122.5	341	ePKP	20 52 29.0	2.3		
WMQ	123.0	2	PKP	20 52 29.8	2.1		
TIY	125.0	338	ePKP	20 52 32.8	1.3		
GTA	126.7	351	ePKP	20 52 36.2	1.4		
NJ2	127.0	329	+PKP	20 52 36.7	1.3		
LZH	129.1	346	ePKP	20 52 42.5	3.0		
			LN		M _S = 5.9	18.0	1.20
			LZ		M _S = 5.2	20.0	0.50
XAN	129.5	340	PKP	20 52 41.5	1.3		
WHN	130.4	332	ePKP	20 52 44.0	2.1		



APR 20d 22h 07m 44.9 ± 0.05s, SD1.82 / 18 39.65 N ± 0.65km, 118.80 E ± 0.45km, h12 ± 0.16km North-Eastern China (658) M _L 3.6 / 19, m _b 4.4 / 1,									
GYA	137.2	338	ePKP	20	52	57.0	2.3		
BJI	2.1	282	Pn	22	08	18.5	-1.2		
			Pg	22	08	20.5	-0.8		
			Sn	22	08	43.0	-4.2		
			Sg	22	08	46.5	-3.0		
			SMN			M _L = 3.2	0.5	0.16	
			SME				0.5	0.19	
DL2	2.3	108	Pn	22	08	24.0	0.8		
			Pg	22	08	29.6	3.9		
			SMN			M _L = 3.9	0.7	1.30	
			SME				0.7	0.16	
TIA	3.7	202	ePn	22	08	41.6	-0.4		
			Pg	22	08	52.8	3.0		
			Sg	22	09	39.2	-1.0		
			SMN			M _L = 3.4	0.3	0.10	
			SME				0.3	0.10	
			SMZ			M _L = 3.6	0.3	0.10	
TIY	5.3	251	-Pg	22	09	21.0	1.6		
			Sg	22	10	28.4	-3.9		
			SMN			M _L = 3.5	0.6	0.066	
			SME				0.7	0.030	
HHC	5.7	285	ePg	22	09	26.3	1.1		
			Sg	22	10	40.0	-2.4		
			SMN			M _L = 3.7	0.6	0.050	
			SME				0.6	0.070	
CN2	6.5	48	ePn	22	09	23.0	2.6		
			Sg	22	11	08.0	0.4		
			SMN			M _L = 3.9	1.0	0.080	
			SME				1.0	0.050	
APR 20d 23h 20m 31.6 ± 0.05s, SD1.44 / 164 6.16 S ± 0.91km, 151.15 E ± 1.06km, h51 ± 0.28km New Britain region (192) M _S 5.1 / 12, m _b 5.4 / 3, m _b 5.3 / 37									
QZH	44.3	316	-P	23	28	39.5	1.2		
			LZ			M _S = 4.8	24.0	1.35	
SSE	46.8	324	P	23	28	59.3	0.6		
			PMZ			m _b = 5.3	1.0	0.040	
			eS	23	35	43.0	-1.3		
			LZ			M _S = 4.7	20.0	0.92	
QZN	47.8	303	eP	23	29	06.1	0.0		
			eS	23	35	56.5	-1.3		
NJ2	48.9	323	+P	23	29	15.2	0.4		
			LZ			M _S = 4.6	20.0	0.61	
WHN	50.7	318	+P	23	29	29.0	0.1		
			PMZ			m _b = 5.6	1.0	0.070	
			pP	23	29	39.5	-2.2		
			S	23	36	38.0	0.1		
			LE			M _S = 5.1	20.0	1.21	
			LZ			M _S = 4.8	20.0	0.88	
DL2	52.5	331	P	23	29	42.5	0.1		
			PMZ			m _b = 5.6	1.0	0.070	
			epP	23	29	56.0	0.7		
			eS	23	37	04.0	0.4		
			LZ			M _S = 4.6	20.0	0.60	
TIA	52.9	325	eP	23	29	43.4	-1.5		
			eS	23	37	10.0	1.8		
			LZ			M _S = 4.6	26.0	0.80	
GYA	53.9	309	P	23	29	53.6	0.6		
SNY	54.0	335	eP	23	29	53.4	0.2		
			eS	23	37	25.0	1.4		
			LZ			M _S = 4.6	32.0	0.93	
MDJ	54.1	341	eP	23	29	52.0	-2.3		
APR 20d 23h 30m 02.9 ± 0.06s, SD1.45 / 213 40.03 N ± 1.03km, 40.08 E ± 0.47km, h14 ± 0.19km Turkey (366) M _S 5.3 / 5, m _b 5.0 / 38,									
CN2	54.9	337	P	23	29	59.4	-0.4		
			PMZ			m _b = 4.7	1.0	0.010	
			eS	23	37	38.0	2.4		
BJI	56.1	328	eP	23	30	08.0	-0.8		
			eS	23	37	56.0	3.7		
			LZ			M _S = 4.6	28.0	0.69	
KMI	56.4	306	eP	23	30	11.5	0.5		
			pP	23	30	24.0	0.1		
			S	23	38	00.0	5.2		
			LZ			M _S = 5.0	24.0	1.40	
XAN	56.5	318	+P	23	30	07.4	-4.1		
TIY	56.6	324	+P	23	30	12.8	0.5		
			S	23	37	56.0	-1.4		
			LZ			M _S = 5.0	20.0	1.38	
CD2	58.4	312	eP	23	30	24.1	-0.7		
HHC	59.2	326	eP	23	30	30.1	-0.5		
			S	23	38	26.0	-5.5		
			LN			M _S = 5.0	16.0	0.61	
			LZ			M _S = 4.9	24.0	1.21	
BTO	59.9	325	eP	23	30	33.0	-2.5		
LZH	61.1	317	+P	23	30	43.5	0.1		
			PMZ			m _b = 5.7	1.5	0.13	
			PMZ			m _b = 5.6	5.0	0.39	
			sP	23	30	59.0	-2.8		
			PP	23	32	57.5	-1.5		
			PcP	23	31	27.5	2.9		
			eS	23	38	55.0	-2.0		
			LN			M _S = 5.3	14.0	0.70	
			LE				15.0	0.80	
			LZ			M _S = 4.8	28.0	1.10	
GTA	65.6	318	+iP	23	31	12.4	-0.5		
			PMZ			m _b = 5.3	0.8	0.030	
LSA	67.7	305	P	23	31	26.6	0.0		
WMQ	75.6	318	P	23	32	14.0	0.2		
			PMZ			m _b = 5.0	1.5	0.030	
			PP	23	35	02.5	-1.8		
			eS	23	41	49.0	-0.9		
KSH	82.6	311	P	23	32	53.0	1.2		
			epP	23	33	05.0	0.0		
			ePP	23	36	05.0	2.8		
			LN			M _S = 5.9	14.0	2.30	
APR 20d 23h 30m 02.9 ± 0.06s, SD1.45 / 213 40.03 N ± 1.03km, 40.08 E ± 0.47km, h14 ± 0.19km Turkey (366) M _S 5.3 / 5, m _b 5.0 / 38,									
KSH	27.4	79	eP	23	35	52.0	1.1		
WMQ	35.3	68	P	23	37	00.0	0.3		
			S	23	42	32.5	1.2		
			sS	23	42	46.5	4.1		
LSA	42.6	88	P	23	38	02.8	1.2		
GTA	45.2	71	P	23	38	22.4	0.6		
			PMZ			m _b = 5.2	1.0	0.040	
			LZ			M _S = 4.8	20.0	1.14	
LZH	49.4	73	eP	23	38	55.0	0.0		
			PMZ			m _b = 5.0	1.2	0.028	
			pP	23	38	59.0	-2.0		
CD2	51.7	79	eP	23	39	14.6	2.5		
BTO	52.0	65	eP	23	39	18.5	3.9		
HHC	53.0	64	eP	23	39	22.4	0.5		
XAN	54.0	73	P	23	39	30.0	0.2		
TIY	54.9	67	+P	23	39	37.7	1.5		
			LE			M _S = 4.7	20.0	0.48	
BJI	56.5	63	eP	23	39	47.5	0.1		
			PMZ			m _b = 5.1	1.2	0.032	
			LN			M _S = 5.3	16.0	1.20	
TIA	58.9	67	eP	23	40	04.0	-0.7		
WHN	59.8	74	eP	23	40	10.5	0.1		

SNY	60.6	58	pP	23 40 21.5	4.8		
DL2	60.7	62	eP	23 40 13.8	-2.5		
			eP	23 40 17.0	-0.1		
			PMZ	$m_b = 4.7$		1.0	0.0090
			pP	23 40 20.0	-3.3		
CN2	60.9	56	eP	23 40 17.8	-0.2		
NJ2	62.3	70	-P	23 40 26.5	-0.9		
			pP	23 40 30.0	-3.7		
MDJ	63.1	53	eP	23 40 35.5	2.8		
SSE	64.5	70	P	23 40 43.0	1.1		
			PMZ	$m_b = 5.3$		1.0	0.040

GYA	39.7	293	LE				
			P	01 34 32.4	1.3		
			pP	01 34 43.0	1.6		
			S	01 40 37.0	6.2		
			LN	$M_s = 4.8$		16.0	0.50
			LE			16.0	0.70
			LZ	$M_s = 4.6$		20.0	0.90
HHC	40.2	316	P	01 34 33.8	-1.6		
			S	01 40 40.0	1.4		
			LN	$M_s = 4.8$		14.0	0.54
			LE			14.0	0.52

APR 21d 01h 27m 00.4 ± 0.04s, SD1.05 / 164
 15.51 N ± 0.68km, 147.73 E ± 0.58km, h39 ± 0.17km
 Marianas region (215)
 $M_s 4.8 / 26, m_b 5.6 / 1, m_b 5.2 / 40$

SSE	28.8	307	P	01 32 55.5	-1.6		
			PMZ	$m_b = 4.7$		0.6	0.010
			PP	01 33 51.0	1.0		
			eS	01 37 42.0	-0.6		
			esS	01 37 58.0	-2.0		
			LN	$M_s = 4.8$		13.0	0.96
			LE			12.0	0.39
			LZ	$M_s = 4.7$		20.0	1.84
QZH	28.8	294	eP	01 32 57.0	-0.6		
			sP	01 33 12.0	-0.3		
			eS	01 37 44.0	0.4		
			LZ	$M_s = 4.5$		28.0	1.78
NJ2	31.0	307	-P	01 33 15.8	-0.9		
			eS	01 38 20.0	2.5		
			LN	$M_s = 4.7$		13.0	0.58
			LE			16.0	-0.68
			LZ	$M_s = 4.5$		20.0	0.98
DL2	32.7	321	eP	01 33 31.0	-0.5		
			eS	01 38 44.0	0.0		
			LE	$M_s = 4.8$		15.0	1.17
			LZ	$M_s = 4.5$		15.0	0.73
MDJ	32.8	336	eP	01 33 33.5	0.7		
			S	01 38 48.0	2.6		
			LN	$M_s = 4.6$		14.0	0.72
CN2	34.0	331	eP	01 33 41.8	-1.0		
			pP	01 33 52.0	-1.1		
			eS	01 39 08.0	3.8		
			LN	$M_s = 4.9$		14.0	1.00
			LE			14.0	0.70
			LZ	$M_s = 4.8$		16.0	1.50
WHN	34.0	302	P	01 33 43.0	0.0		
			pP	01 33 54.0	0.6		
			eS	01 39 06.0	1.3		
			LE	$M_s = 4.6$		12.0	0.54
			LZ	$M_s = 4.6$		20.0	1.25
QZN	36.3	281	eP	01 34 02.5	0.0		
			eS	01 39 41.0	1.0		
			sS	01 39 57.0	-0.5		
			LE	$M_s = 5.0$		15.0	1.46
BJI	36.8	318	eP	01 34 06.5	0.0		
			PMZ	$m_b = 5.4$		1.7	0.11
			ePP	01 35 30.0	-1.9		
			eS	01 39 48.0	0.6		
			LN	$M_s = 4.5$		14.0	0.43
			LZ	$M_s = 4.6$		24.0	1.27
TIY	38.2	312	eP	01 34 19.0	0.5		
			S	01 40 12.0	4.0		
			LE	$M_s = 4.8$		14.0	0.73
			LZ	$M_s = 4.9$		16.0	1.43
XAN	39.5	305	P	01 34 29.1	0.0		
			S	01 40 28.2	0.8		
			LN	$M_s = 5.0$		12.0	0.77

BTO	41.1	315	eP	01 34 43.0	-0.1		
			sP	01 34 56.0	-1.9		
			ePP	01 36 20.0	-1.1		
			eS	01 40 54.0	0.4		
			LN	$M_s = 5.1$		15.0	0.80
			LE			15.0	1.20
CD2	42.9	299	eP	01 34 57.5	-0.1		
			eS	01 41 15.0	-4.6		
KMI	43.1	290	+P	01 35 00.0	0.9		
			PMZ	$m_b = 5.3$		2.0	0.10
			pP	01 35 10.0	0.6		
			sP	01 35 14.0	0.2		
			eS	01 41 25.0	2.8		
			LZ	$M_s = 4.8$		20.0	1.20
LZH	44.1	306	-P	01 35 06.5	-0.4		
			PMZ	$m_b = 5.8$		2.0	0.28
			pP	01 35 17.5	0.3		
			ePP	01 36 52.5	1.6		
			eS	01 41 37.0	0.7		
			SS	01 44 48.0	2.4		
			LN	$M_s = 4.9$		15.0	0.90
GTA	48.0	309	eP	01 35 38.4	0.0		
			PMZ	$m_b = 5.3$		1.0	0.040
			sP	01 35 50.0	-3.2		
			S	01 42 26.0	-5.8		
			LE	$M_s = 4.9$		13.0	0.61
			LZ	$M_s = 4.9$		20.0	1.32
LSA	53.6	296	-P	01 36 22.9	1.8		
WMQ	57.9	312	P	01 36 51.5	0.3		
			PMZ	$m_b = 5.3$		1.5	0.060
			pP	01 37 05.0	3.2		
			PcP	01 37 41.0	-1.2		
			PP	01 39 05.0	4.8		
			S	01 44 51.5	6.4		
			LZ	$M_s = 4.7$		24.0	0.77
KSH	66.3	307	P	01 37 49.0	1.0		

APR 21d 05h 14m 03.7 ± 0.04s, SD1.30 / 131
 1.23 N ± 0.63km, 123.28 E ± 0.95km, h32 ± 0.05km
 Minahassa Peninsula (Celebes) (265)
 $M_s 5.1 / 45, m_b 5.5 / 5, m_b 5.1 / 32$

QZN	22.1	324	eP	05 18 58.0	0.3		
			S	05 22 54.0	0.4		
			LN	$M_s = 5.1$		14.0	3.99
GZH	23.8	337	eP	05 19 15.4	0.9		
			S	05 23 31.0	6.8		
			LN	$M_s = 5.2$		13.0	2.70
			LE			14.0	2.40
			LZ	$M_s = 5.3$		16.0	7.60
QZH	24.0	349	eP	05 19 17.0	0.2		
			PMZ	$m_b = 5.5$		4.0	0.80
			pP	05 19 25.0	-0.5		
			eS	05 23 28.0	-1.0		
			sS	05 23 40.0	-3.3		
			SS	05 24 19.0	-0.8		
			LN	$M_s = 5.0$		16.0	2.67
			LZ	$M_s = 4.8$		17.0	2.87

GYA	29.7 329	P	05 20	11.6	1.7				esP	05 21	42.0	-1.7				
		pP	05 20	18.4	-0.3				ePP	05 23	04.0	-0.7				
		S	05 25	05.0	3.0				eS	05 27	24.0	-4.7				
		LN		$M_s=5.1$	15.0	1.80			LN		$M_s=4.8$	15.0	0.81			
		LE			15.0	1.50			LZ		$M_s=4.6$	20.0	0.96			
SSE	29.8 356	P	05 20	10.0	0.1				+P	05 21	39.0	-2.0				
		pP	05 20	20.0	1.1				sP	05 21	51.0	-3.1				
		sP	05 20	24.5	1.6				eS	05 27	41.0	-6.4				
		S	05 25	04.0	1.6				LZ		$M_s=5.0$	20.0	1.94			
		esS	05 25	12.0	-6.1				P	05 21	45.0	0.3				
WHN	30.4 345	LZ		$M_s=4.5$	20.0	1.10			S	05 27	58.0	5.2				
		eP	05 20	16.0	0.8			LN		$M_s=5.2$	14.0	1.68				
		sP	05 20	29.5	1.4			LE			14.0	0.52				
		eS	05 25	12.0	-0.6				eP	05 21	44.0	-2.0				
		LN		$M_s=5.3$	13.0	2.77			pP	05 21	53.0	-1.9				
NJ2	30.9 353	LE			13.0	1.68			ePP	05 23	23.0	-0.7				
		LZ		$M_s=5.0$	16.0	2.62			S	05 27	52.0	-3.1				
		+P	05 20	20.0	-0.4			LN		$M_s=5.3$	16.0	1.90				
		S	05 25	25.0	4.2			LE			13.0	1.20				
		LN		$M_s=5.1$	15.0	2.02			P	05 21	53.9	2.1				
KMI	31.0 322	LE			14.0	0.84			eP	05 21	58.0	0.4				
		LZ		$M_s=4.6$	16.0	1.06			pP	05 22	06.0	-0.7				
		+P	05 20	21.0	0.2				eS	05 28	17.0	-0.3				
		PMZ		$m_b=5.3$	2.0	0.10			LN		$M_s=4.9$	12.0	0.60			
		PMZ		$m_B=5.4$	4.0	0.30			LE			12.0	0.40			
CD2	34.8 330	pP	05 20	31.5	2.1				LZ		$M_s=4.6$	20.0	0.80			
		sP	05 20	35.5	2.1				eP	05 22	06.5	-0.4				
		LN		$M_s=4.9$	10.0	0.60			S	05 28	30.0	-2.8				
		LE			14.0	1.20			LN		$M_s=4.8$	12.0	0.54			
		LZ		$M_s=5.0$	15.0	2.70			LZ		$M_s=4.9$	28.0	2.32			
TIA	35.3 351	+P	05 20	54.6	0.3				+P	05 22	07.6	0.1				
		S	05 26	23.0	1.5				PMZ		$m_b=5.3$	0.8	0.040			
		LN		$M_s=5.1$	13.0	1.55			PMZ		$m_B=5.7$	4.0	0.43			
		LZ		$M_s=4.9$	14.0	1.67			sP	05 22	18.0	-2.3				
		eP	05 20	58.9	0.9				S	05 28	38.0	4.4				
XAN	35.3 339	S	05 26	27.7	-0.6				sS	05 28	49.0	-0.7				
		LN		$M_s=5.0$	14.0	0.90			LE		$M_s=5.1$	13.0	1.21			
		LE			14.0	0.90			LZ		$M_s=5.2$	14.0	2.05			
		LZ		$M_s=4.9$	16.0	1.60			P	05 23	20.0	0.5				
		P	05 20	58.4	0.1				PcP	05 24	27.5	0.0				
DL2	37.5 358	S	05 26	28.6	-0.1				S	05 30	45.0	1.1				
		LN		$M_s=5.3$	8.0	1.23			SME			6.0	1.29			
		LE			8.2	1.20			ScS	05 33	04.5	2.0				
		eP	05 21	16.5	-0.5				SS	05 34	20.0	-1.8				
		PMZ		$m_b=5.2$	1.0	0.040			LN		$M_s=5.1$	15.0	0.93			
TIY	37.7 346	pP	05 21	26.0	-0.1				LZ		$M_s=5.1$	16.0	1.37			
		eS	05 27	03.0	-0.8				P	05 23	54.0	1.1				
		SMN			15.0	2.05			S	05 31	50.0	4.5				
		LN		$M_s=5.1$	14.0	1.37			LE		$M_s=5.2$	14.0	0.90			
		LE			14.0	0.90			APR 21d 11h 22m $03.8 \pm 0.06s$, $SD2.64 / 14$ $24.02 N \pm 0.70km$, $121.71 E \pm 0.77km$, $h10 \pm 0.27km$ Taiwan (244) $M_L 3.6 / 7$, $m_b 3.4 / 1$,							
LZH	39.1 335	LZ		$M_s=4.6$	18.0	0.91			QZH	3.0 289	ePn	11 22	54.0	2.4		
		+P	05 21	18.0	-0.2				Sn			11 23	27.8	-1.6		
		S	05 27	07.5	2.7				SMN		$M_L=3.6$	1.0	0.33			
		LN		$M_s=5.2$	14.0	2.06			SME			0.8	0.17			
		LZ		$M_s=5.2$	15.0	2.84			APR 21d 14h 13m $28.8 \pm 0.33s$, $SD3.04 / 6$ $23.80 N \pm 2.03km$, $121.38 E \pm 1.80km$, $h8 \pm 0.27km$ Taiwan (244) $M_L 3.2 / 6$,							
BJI	39.2 351	+P	05 21	30.0	-0.2				QZH	2.8 295	ePn	14 14	14.2	0.2		
		PMZ		$m_b=5.1$	2.5	0.076			Sn			14 14	47.2	-2.5		
		PMZ		$m_B=5.5$	5.0	0.39			SMN		$M_L=3.2$	0.7	0.12			
		pP	05 21	39.5	0.4				SME			0.6	0.080			
		sP	05 21	43.5	0.4											



APR 21d 16h 36m $18.6 \pm 0.09s$, SD3.23 / 10
 $25.34 N \pm 0.87km$, $100.56 E \pm 0.56km$, $h15 \pm km$
 Yunnan Province (318)
 $M_L 3.2 / 5$,
 GYA 5.6 77 Pn 16 37 45.8 3.7
 CD2 6.2 26 ePn 16 37 52.6 2.0

APR 21d 18h 54m $52.0 \pm 0.06s$, SD1.30 / 235
 $36.90 S \pm 0.93km$, $73.44 W \pm 1.37km$, $h12 \pm 0.37km$
 Near coast of Central Chile (135)
 $M_S 6.1 / 45$, $m_B 6.0 / 20$, $m_b 6.0 / 14$
 KSH 155.8 74 PKP 19 14 50.0 3.0
 PP 19 18 51.0 -2.2
 LE $M_S = 6.5$ 17.0 3.60
 LZ $M_S = 6.3$ 20.0 3.80
 MDJ 161.0 301 ePKP 19 14 52.0 -1.1
 PKP2 19 15 41.0 4.1
 PP 19 19 20.0 -1.0
 SKKS 19 26 10.0 3.6
 LE $M_S = 6.0$ 16.0 1.13
 LZ $M_S = 6.0$ 24.0 2.52
 QZN 162.0 190 PKP 19 14 55.0 0.9
 PKP2 19 15 42.5 1.3
 PP 19 19 27.5 1.6
 SKS 19 21 53.5 -1.4
 LN $M_S = 6.3$ 19.0 2.95
 CN2 164.1 301 PKP 19 14 57.0 0.8
 pPKP 19 15 04.0 5.1
 PKP2 19 15 52.0 1.7
 PP 19 19 38.0 0.6
 SKKS 19 26 22.0 0.2
 SS 19 40 05.0 0.9
 LN $M_S = 6.2$ 20.0 1.20
 LE 20.0 1.90
 LZ $M_S = 6.1$ 20.0 2.60
 WMQ 164.1 58 PKP 19 14 56.0 -0.3
 PKP2 19 15 50.2 -0.2
 PP 19 19 37.5 0.0
 SKKS 19 26 28.0 6.1
 SS 19 40 04.0 -0.3
 LN $M_S = 6.2$ 18.0 2.05
 LZ $M_S = 6.2$ 22.0 3.73
 QZH 164.3 224 ePKP 19 14 57.0 0.7
 ePP 19 19 41.0 2.5
 LZ $M_S = 5.8$ 20.0 1.25
 LSA 165.3 115 ePKP 19 15 00.7 2.9
 PKP2 19 15 57.0 1.5
 PP 19 19 42.5 -0.9
 SKKS 19 26 28.0 0.2
 LN $M_S = 6.1$ 20.0 1.51
 LE 19.0 1.14
 SNY 166.0 296 +PKP 19 14 56.0 -1.9
 PKP2 19 16 03.0 4.4
 PP 19 19 45.0 -1.9
 PPMZ $m_B = 6.0$ 8.0 1.21
 SKKS 19 26 28.0 -3.3
 SS 19 40 18.0 -5.1
 LZ $M_S = 5.9$ 25.0 2.11
 SSE 166.6 249 +PKP 19 15 00.0 1.6
 PKP2 19 16 03.0 1.8
 SKKS 19 26 38.0 3.6
 SS 19 40 28.0 -1.2
 LN $M_S = 6.3$ 18.0 2.18
 LE 18.0 1.39
 LZ $M_S = 6.1$ 20.0 2.41
 KMI 167.8 163 +PKP 19 15 00.0 0.5
 PKP2 19 16 10.0 3.2
 PP 19 19 59.0 2.7

DL2 167.9 284 PPMZ $m_B = 5.9$ 7.0 0.90
 SKKS 19 26 42.0 1.3
 SS 19 40 42.0 0.1
 LN $M_S = 6.0$ 18.0 0.60
 LE 18.0 1.30
 LZ $M_S = 5.8$ 20.0 1.50
 ePKP 19 15 00.0 0.7
 PP 19 20 00.0 3.2
 PPMZ $m_B = 6.1$ 5.0 0.85
 eSKKS 19 26 40.0 -1.2
 eSS 19 40 40.0 -2.9
 LE $M_S = 6.0$ 17.0 1.50
 LZ $M_S = 5.8$ 20.0 1.51
 NJ2 168.8 248 ePKP 19 15 03.5 3.7
 PKP2 19 16 15.5 4.7
 PP 19 20 06.0 5.0
 PPMZ $m_B = 6.1$ 5.0 0.99
 SKKS 19 26 50.0 4.6
 LZ $M_S = 5.8$ 20.0 1.53
 GYA 169.6 180 PKP 19 15 02.0 1.6
 pPKP 19 15 05.0 2.0
 PKP2 19 16 08.0 -6.5
 PP 19 20 01.0 -4.1
 SS 19 40 57.0 -2.5
 LN $M_S = 6.2$ 20.0 2.30
 LE 20.0 1.90
 LZ $M_S = 5.7$ 22.0 1.20
 WHN 170.9 228 ePKP 19 15 01.6 0.5
 pPKP 19 15 01.6 -2.2
 ePP 19 20 07.0 -4.8
 PPMZ $m_B = 5.8$ 6.0 0.60
 SKKS 19 26 58.0 1.8
 LE $M_S = 5.9$ 18.0 1.30
 LZ $M_S = 5.7$ 24.0 1.50
 TIA 171.5 269 PKP 19 15 01.6 0.2
 PKP2 19 16 27.6 4.7
 PP 19 20 18.5 4.0
 PPMZ $m_B = 5.6$ 12.0 0.80
 LN $M_S = 6.1$ 18.0 1.10
 LE 18.0 1.70
 BJI 171.8 295 ePKP 19 15 01.0 -0.6
 ePKP2 19 16 28.0 3.5
 ePP 19 20 14.0 -2.3
 PPMZ $m_B = 6.0$ 8.0 1.14
 eSKKS 19 27 00.0 -0.7
 LN $M_S = 6.2$ 20.0 2.76
 LZ $M_S = 6.0$ 23.0 3.13
 CD2 173.6 158 PKP 19 15 02.6 0.2
 PKP2 19 16 32.0 -0.2
 PP 19 20 21.0 -4.1
 SKKS 19 27 10.0 1.3
 SS 19 41 33.0 -4.7
 LN $M_S = 6.1$ 19.0 2.50
 LZ $M_S = 5.8$ 18.0 1.45
 GTA 174.1 63 +PKP 19 15 02.6 0.0
 PKP2 19 16 34.0 -0.6
 PP 19 20 28.0 0.3
 PPMZ $m_B = 6.2$ 7.0 1.68
 SKKS 19 27 10.0 -1.0
 LE $M_S = 5.8$ 15.0 0.92
 LZ $M_S = 6.1$ 18.0 2.94
 HHC 174.5 317 PKP 19 15 03.0 0.3
 PKP2 19 16 38.0 1.9
 PP 19 20 30.0 0.6
 LN $M_S = 5.9$ 16.0 1.22
 LE 15.0 0.37
 LZ $M_S = 6.1$ 19.0 3.06
 TIY 175.3 282 +PKP 19 15 03.0 0.0

WMQ	35.5	283	PcP	23 05 19.2	1.2	GYA	5.1	144	SME	$M_L=3.5$	1.0	0.040				
			S	23 07 27.6	-3.2				ePn	20 03 31.0	3.4	1.0	0.030			
			ScS	23 12 13.0	-1.2				Pg	20 03 46.2	5.6					
			-iP	23 03 10.5	0.8				Sn	20 04 33.0	4.7					
			pP	23 04 39.0	-0.3				Sg	20 04 50.0	0.0					
			S	23 08 10.0	0.5				SMN	$M_L=3.3$						
			PcS	23 09 14.5	4.0				SME							
			SS	23 11 04.0	0.7				XAN	5.8	53	Pn	20 03 37.6	0.0		
KMI	36.3	245	ScS	23 12 29.0	1.1	Pg	20 03 57.0	3.5								
			-iP	23 03 17.0	0.6	Sn	20 04 40.3	-6.1								
			PMZ	$m_b=5.8$	2.0	0.60	Sg	20 05 12.6	-0.3							
			pP	23 04 50.0	3.7	SMN	$M_L=3.7$	1.0	0.060							
			PP	23 04 54.0	-0.2	SME		1.0	0.060							
			sP	23 05 43.0	0.2	APR 22d 20h 25m $24.5 \pm 0.06s$, SD1.28 / 170										
			iS	23 08 25.0	2.3	37.94 S $\pm 0.87km$, 73.43 W $\pm 1.41km$, $h28 \pm 0.38km$										
			eP	23 03 22.0	-0.5	Near coast of Central Chile (135)										
QZN	37.0	230	S	23 08 32.0	-0.7	$M_S 5.9 / 10$, $m_b 5.7 / 9$, $m_b 5.4 / 16$										
			sS	23 11 16.5	2.1	KSH	156.1	77	PKP	20 45 19.0	1.8					
			-iP	23 03 54.7	2.1	pPKP	20 45 29.0	4.0								
			pP	23 05 25.0	0.7	PP	20 49 28.0	3.3								
			sP	23 06 21.5	1.4	LE	$M_S=5.9$	20.0	1.20							
			S	23 09 25.0	-1.0	LZ	$M_S=5.9$	22.0	2.00							
			SMN		8.0	0.56	MDJ	161.5	298	ePKP	20 45 21.0	-2.5				
			+iP	23 04 29.0	0.5	CN2	164.6	298	ePKP	20 45 27.0	0.4					
LSA	40.7	262	epP	23 06 05.0	2.4	PKP2	20 46 28.0	5.5								
			S	23 10 35.0	3.8	PP	20 50 14.0	3.9								
			SME		5.0	1.60	PPMZ	$m_B=5.7$	6.0	0.40						
			APR 22d 05h 54m $25.1 \pm 0.05s$, SD1.16 / 102													
			6.78 N $\pm 0.47km$, 73.16 W $\pm 0.74km$, $h170 \pm 0.27km$													
			Northern Colombia (99)													
			$m_b 5.0 / 21$,													
			CD2	142.4	4	PKP	06 13 41.0	2.3	SKKS	20 56 54.0	1.5					
KSH	45.3	284	GYA	147.0	0	PKP	06 13 51.2	4.7	LN	$M_S=5.7$	17.0	0.70				
			APR 22d 06h 42m $35.6 \pm 0.07s$, SD2.94 / 12													
			38.10 N $\pm 0.92km$, 90.92 E $\pm 0.48km$, $h10 \pm 0.02km$													
			Southern Xinjiang Province (321)													
			$M_L 4.0 / 8$,													
			WMQ	6.2	338	Pn	06 44 10.2	2.4	LZ	$M_S=5.6$	24.0	1.10				
			Sg	06 45 47.6	-2.5	WMQ	164.6	62	PKP	20 45 27.0	0.3					
			SMN	$M_L=4.1$	0.8	0.13	PKP2	20 46 23.0	0.5							
GTA	7.1	77	SME		1.0	0.13	PP	20 50 10.0	-0.1							
			ePn	06 44 22.4	2.7	PPMZ	$m_B=6.1$	7.0	1.44							
			Sg	06 46 20.6	3.4	SKKS	20 56 55.0	2.4								
			SMN	$M_L=3.5$	0.8	0.020	LZ	$M_S=5.8$	20.0	1.44						
			SME		0.8	0.020	LSA	164.8	118	ePKP	20 45 24.4	-2.9				
			APR 22d 13h 58m $24.7 \pm 0.10s$, SD2.87 / 14													
			26.10 N $\pm 0.52km$, 99.92 E $\pm 0.64km$, $h12 \pm 0.63km$													
			Yunnan Province (318)													
$M_S 4.1 / 1$, $M_L 3.9 / 4$,																
TIY	15.7	39	Pn	13 59 54.0	2.1	SNY	166.4	292	ePKP	20 45 28.0	-0.1					
			Pg	14 00 10.8	2.5	PKP2	20 46 33.0	2.7								
			Sn	14 00 59.6	-1.6	PP	20 50 21.0	1.9								
			Sg	14 01 23.6	-4.9	SKKS	20 57 06.0	4.5								
			SMN	$M_L=4.0$	1.0	0.040	LZ	$M_S=5.6$	22.0	1.00						
			SME		1.3	0.21	LSA	166.8	165	PKP	20 45 28.5	-0.2				
			LN	$M_S=4.1$	8.0	1.40	PKP2	20 46 30.0	-2.3							
			eP	14 02 10.8	3.0	PP	20 50 18.0	-3.4								
WMQ	20.3	334	P	14 03 02.5	-0.8	DL2	168.1	279	ePKP	20 45 28.0	-1.3					
			APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14													
			30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$													
			Sichuan Province (307)													
			$M_L 3.4 / 11$,													
			CD2	0.4	51	Pg	20 02 19.3	0.2	NJ2	168.3	243	-PKP	20 45 30.0	0.6		
			Sg	20 02 27.4	2.2	PP	20 50 28.0	-0.9	PKP	20 45 31.0	1.3					
			APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14													
30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$																
Sichuan Province (307)																
$M_L 3.4 / 11$,																
CD2	0.4	51	Pg	20 02 19.3	0.2	GYA	168.6	180	-PKP	20 45 31.0	1.3					
			Sg	20 02 27.4	2.2	pPKP	20 45 39.4	2.0								
			APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14													
			30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$													
			Sichuan Province (307)													
			$M_L 3.4 / 11$,													
			CD2	0.4	51	Pg	20 02 19.3	0.2	WHN	170.2	223	ePKP	20 45 29.0	-1.5		
			Sg	20 02 27.4	2.2	pPKP	20 45 39.2	0.8	PKP2	20 46 47.0	-0.2					
APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14																
30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$																
Sichuan Province (307)																
$M_L 3.4 / 11$,																
CD2	0.4	51	Pg	20 02 19.3	0.2	TIA	171.4	262	ePKP	20 45 31.7	0.5					
			Sg	20 02 27.4	2.2	PKP2	20 46 55.0	2.6								
			APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14													
			30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$													
			Sichuan Province (307)													
			$M_L 3.4 / 11$,													
			CD2	0.4	51	Pg	20 02 19.3	0.2	PP	20 50 44.0	-0.1					
			Sg	20 02 27.4	2.2	SKKS	20 57 26.0	-0.6	SS	21 11 38.0	-6.5					
APR 22d 20h 02m $11.0 \pm 0.05s$, SD2.69 / 14																
30.63 N $\pm 0.48km$, 103.35 E $\pm 0.45km$, $h10 \pm 0.19km$																
Sichuan Province (307)																
$M_L 3.4 / 11$,																
CD2	0.4	51	Pg	20 02 19.3	0.2	LZ	$M_S=5.6$	25.0	1.29							
			Sg	20 02 27.4	2.2	BJI	172.2	289	ePKP	20 45 31.0	-0.7					

		ePKP2	20 46 58.0	1.9				LZ	$M_s = 4.6$	18.0	0.88		
		ePP	20 50 48.0	-0.3				LSA	39.7 319 P	23 59 25.6	1.6		
		PPMZ	$m_b = 5.7$	5.0	0.40			HHC	40.5 350 -P	23 59 30.0	-0.1		
		LZ	$M_s = 5.7$	20.0	1.14				LN	$M_s = 4.5$	14.0	0.38	
CD2	172.6 161	ePKP	20 45 32.6	0.6				BTO	40.5 348 P	23 59 30.0	-0.5		
GTA	174.5 72	+PKP	20 45 33.4	0.7				SNY	40.8 4 eP	23 59 31.4	-1.5		
		pPKP	20 45 41.4	1.0					PMZ	$m_b = 5.2$	1.4	0.050	
		PKP2	20 47 06.0	-0.3					sP	23 59 41.0	-5.2		
		PP	20 50 59.0	-0.7				GTA	42.5 337 -iP	23 59 47.6	0.6		
		PPMZ	$m_b = 5.7$	7.0	0.64				PMZ	$m_b = 5.3$	1.0	0.050	
		SKKS	20 57 43.0	1.8				CN2	42.9 6 eP	23 59 49.0	-1.3		
		LZ	$M_s = 5.6$	24.0	1.28			MDJ	44.3 10 +iP	24 00 01.4	0.1		
HHC	175.2 308	PKP	20 45 33.0	0.1					PMZ	$m_b = 5.5$	1.0	0.080	
		PKP2	20 47 10.0	0.9					pP	24 00 08.5	-2.1		
		PP	20 51 04.0	1.0				WMQ	51.5 330 P	24 00 57.0	-0.4		
		SKKS	20 57 49.5	5.0					PMZ	$m_b = 5.0$	1.5	0.030	
		LN	$M_s = 5.7$	20.0	1.09				pP	24 01 08.0	1.4		
		LZ	$M_s = 5.6$	28.0	1.78				S	24 08 15.5	2.3		
TIY	175.4 269	-PKP	20 45 33.5	0.6				KSH	55.6 319 P	24 01 28.0	0.3		
		PP	20 51 10.0	6.0					pP	24 01 38.0	1.1		
		SKKS	20 57 49.0	3.6					SME		8.0	0.80	
		LN	$M_s = 5.9$	21.0	1.71								
		LZ	$M_s = 5.8$	21.0	1.92								
XAN	175.7 207	PKP	20 45 33.0	0.0				APR 23d 10h 49m $57.9 \pm 0.05s$, SD2.38 / 8					
BTO	176.2 316	PKP	20 45 33.0	-0.2				24.48 N $\pm 0.61km$, 122.14 E $\pm 0.47km$, h20 $\pm 0.91km$					
		pPKP	20 45 44.0	3.1				Taiwan (244)					
		PKP2	20 47 17.0	3.2				$M_L 3.7 / 7$, $m_b 4.3 / 1$,					
		PP	20 51 10.0	1.8				QZH	3.3 279 ePn	10 50 48.5	0.2		
		SKKS	20 57 52.0	2.3					Sn	10 51 26.5	-1.9		
		eSS	21 12 35.0	4.2					SMN	$M_L = 3.6$	0.8	0.29	
		LN	$M_s = 5.7$	17.0	0.80				SME		0.6	0.14	
		LE		17.0	0.60			SSE	6.6 353 eP	10 51 36.5	-0.6		
LZH	177.1 129	+PKP	20 45 33.5	0.1					PMZ	$m_b = 4.3$	0.5	0.010	
		pPKP	20 45 42.0	0.9					eS	10 52 47.5	-5.4		
		PP	20 51 14.0	2.2				APR 23d 12h 04m $52.7 \pm 0.26s$, SD1.60 / 8					
		PPMZ	$m_b = 5.7$	5.0	0.47			24.25 N $\pm 1.64km$, 121.94 E $\pm 1.73km$, h9 $\pm 0.13km$					
		SKKS	20 57 55.0	1.7				Taiwan (244)					
		LZ	$M_s = 5.4$	29.0	1.40			$M_s 3.4 / 1$, $M_L 3.4 / 8$,					
								QZH	3.1 283 Pn	12 05 42.8	0.4		
									Sn	12 06 20.5	-1.3		
									SMN	$M_L = 3.4$	0.2	0.16	
									SME		0.2	0.11	
								APR 24d 10h 00m $39.8 \pm 0.04s$, SD1.44 / 134					
								1.44 N $\pm 0.80km$, 123.53 E $\pm 1.06km$, h31 $\pm 0.02km$					
								Minahassa Peninsula (Celebes) (265)					
								$M_s 4.8 / 23$, $m_b 5.1 / 36$,					
QZN	20.6 331	eP	23 56 31.0	-0.3				QZN	22.0 323 P	10 05 33.9	0.2		
		PP	23 56 49.0	-3.6					S	10 09 30.0	0.6		
		LN	$M_s = 4.4$	15.0	0.93				LN	$M_s = 4.8$	13.0	1.84	
GZH	23.0 344	eP	23 56 56.0	0.9				GZH	23.7 336 P	10 05 51.3	1.5		
GYA	28.5 334	P	23 57 46.2	-0.7					eS	10 10 05.0	5.4		
KMI	29.3 327	+P	23 57 55.0	0.4					LN	$M_s = 5.0$	15.0	1.85	
		PMZ	$m_b = 5.2$	2.0	0.10				LE		13.0	1.86	
		pP	23 58 04.0	0.6					LZ	$M_s = 4.8$	12.0	2.00	
WHN	29.9 350	+eP	23 58 00.8	0.9				QZH	23.8 349 eP	10 05 52.0	0.6		
SSE	30.0 2	eP	23 58 04.0	3.4					S	10 10 03.0	1.3		
		LN	$M_s = 4.3$	13.0	0.32				sS	10 10 15.0	-1.6		
		LZ	$M_s = 4.2$	20.0	0.55				LZ	$M_s = 4.6$	20.0	1.87	
CD2	33.6 334	P	23 58 31.6	-0.4				SSE	29.6 356 eP	10 06 44.0	-0.4		
XAN	34.5 344	P	23 58 41.8	1.5					S	10 11 40.0	4.4		
TIA	35.2 356	eP	23 58 45.0	-0.8					LN	$M_s = 4.3$	10.0	0.28	
		LZ	$M_s = 4.4$	25.0	0.90				LZ	$M_s = 4.2$	20.0	0.55	
TIY	37.3 350	+iP	23 59 03.4	0.1				GYA	29.7 328 P	10 06 46.6	1.0		
		LN	$M_s = 5.0$	19.0	1.70				pP	10 06 54.8	0.4		
		LZ	$M_s = 4.6$	18.0	0.97				PcP	10 09 49.0	0.2		
LZH	38.1 338	-P	23 59 10.0	-0.3					LN	$M_s = 4.9$	16.0	1.50	
		PMZ	$m_b = 5.1$	2.0	0.070				LE		16.0	0.60	
		pP	23 59 19.5	0.2									
		LZ	$M_s = 4.4$	28.0	0.90								
BJI	39.1 355	eP	23 59 18.0	-0.4									
		PMZ	$m_b = 5.0$	1.5	0.042								

GYA	42.9	257	eS	07 24	56.0	-1.7	11.0	0.94
			LZ		$M_s=4.9$			
			P	07 18	50.4	-0.2		
			pP	07 19	02.0	1.1		
			S	07 25	09.0	-2.5		
WMQ	45.2	290	LN		$M_s=4.9$		15.0	0.50
			LE				15.0	0.60
			P	07 19	08.5	-0.3		
			ScP	07 24	37.0	1.0		
			LE		$M_s=5.2$		13.0	1.23
QZN	46.3	247	LZ		$M_s=5.2$		24.0	3.09
			eP	07 19	16.6	-0.8		
			eS	07 26	00.5	-0.5		
KMI	46.4	259	eP	07 19	18.5	0.1	1.5	0.20
			PMZ		$m_b=5.8$			
			sP	07 19	35.0	2.0		
			eS	07 26	00.0	-2.9		
			sS	07 26	17.0	-3.0		
LSA	51.1	273	LZ		$M_s=4.7$		20.0	0.80
			P	07 19	57.2	2.2		
KSH	54.9	292	eP	07 20	24.5	1.4		

LZH	14.8	31	LN		$M_s=4.1$		10.0	0.70		
			LE				10.0	0.20		
			eP	01 18	10.0	0.1				
			PMZ		$m_b=4.9$		1.0	0.023		
			pP	01 18	18.0	1.5				
QZN	15.1	105	sP	01 18	23.0	2.1				
			P	01 18	16.5	2.8				
			eS	01 21	03.0	2.4				
			eP	01 18	30.8	1.2				
			eP	01 19	02.5	-0.2				
GTA	16.3	15	+P	01 19	18.4	-4.0				
			Tiy	20.8	44	+P			01 19	22.5
WMQ	20.8	346	+P	01 19	22.5	-0.1				
			S	01 23	05.0	-2.8				
			LE		$M_s=4.5$				6.0	0.43
			eP	01 19	32.2	4.2				
			eP	01 19	36.6	-1.4				
HHC	22.3	36	-P	01 19	44.4	-0.9				
NJ2	23.1	63	eP	01 19	44.8	-1.7				
TIA	23.2	52	+P	01 20	00.0	-2.1				
SSE	24.8	67	PMZ		$m_b=4.8$		1.0	0.040		
			LE		$M_s=3.9$		15.0	0.23		

APR 25d 15h 32m $21.2 \pm 0.04s$, SD1.15 / 107
 6.97 S $\pm 0.62km$, 150.06 E $\pm 0.89km$, h23 $\pm 0.16km$
 New Britain region (192)
 $m_b 5.2 / 15$,

QZN	47.3	304	eP	15 40	55.6	0.2	1.5	0.042
WHN	50.6	319	+eP	15 41	21.5	0.5		
CN2	55.2	338	P	15 41	55.5	0.2		
KMI	56.0	307	-P	15 42	02.0	0.8		
XAN	56.4	319	P	15 42	03.4	-0.2		
TIY	56.6	325	+P	15 42	04.0	-1.4		
CD2	58.1	313	P	15 42	15.4	-0.7		
LZH	60.9	318	-P	15 42	35.0	-0.6		
			PMZ		$m_b=5.2$			
			pP	15 42	46.0	2.9		
			sP	15 42	52.0	5.5		
			LZ		$M_s=4.5$		25.0	0.40
GTA	65.4	319	eP	15 43	05.0	-0.2		
LSA	67.3	306	P	15 43	17.9	0.8		
WMQ	75.5	319	P	15 44	06.5	0.2		
			pP	15 44	19.0	5.1		
KSH	82.3	311	eP	15 44	41.0	-2.5		

APR 26d 09h 37m $09.8 \pm 0.04s$, SD1.26 / 533
 36.06 N $\pm 0.73km$, 100.33 E $\pm 0.56km$, h9 $\pm 0.08km$
 Qinghai Province (325)
 $M_s 7.0 / 48$, $m_b 6.5 / 24$, $m_b 5.8 / 43$

LZH	2.8	89	Pn	09 38	00.0	4.0				
			Pg	09 38	05.0	4.9				
			Sn	09 38	38.0	5.9				
			Sg	09 38	44.0	5.0				
			-iPn	09 38	07.5	4.4				
GTA	3.4	353	Pg	09 38	14.0	4.8				
			Pn	09 38	41.0	3.4				
			Sg	09 40	09.0	-5.1				
CD2	5.9	150	LE		$M_s=6.9$		12.0	1577		
			+iPn	09 38	57.5	0.0				
			Sg	09 41	01.0	1.6				
			SMN				6.0	77.6		
			SME				6.0	55.1		
BTO	8.9	56	P	09 39	20.0	-1.3				
			sP	09 39	30.0	1.5				
			+P	09 39	31.4	-3.4				
			pP	09 39	36.5	-2.8				
			sP	09 39	40.0	-2.1				
TIY	9.8	77	S	09 41	30.0	3.9				
			LE		$M_s=6.9$				10.0	568
			eP	09 39	38.0	0.7				
			S	09 41	32.0	2.1				
			LN		$M_s=6.7$				8.0	284
HHC	10.0	58	-P	09 39	37.0	-0.4				
			S	09 41	33.0	2.4				
			LN		$M_s=7.0$				14.0	848
			LZ		$M_s=6.2$				8.0	101
			+iP	09 39	50.6	-0.2				
GYA	11.0	149	PMZ		$m_b=5.7$		1.6	0.30		
			PMZ		$m_b=6.7$		4.0	7.50		
			sP	09 40	03.0	4.9				
			S	09 41	55.0	0.4				
			LN		$M_s=6.8$		12.0	338		
KMI	11.1	169	LE				12.0	317		
			LZ		$M_s=6.0$		15.0	96.9		
			-P	09 39	52.0	0.0				
			PMZ		$m_b=6.3$		5.0	4.30		
			PP	09 40	02.0	2.2				
WMQ	12.4	312	S	09 41	57.0	0.5				
			LN		$M_s=7.1$				13.0	927
			+iP	09 40	07.5	-2.2				
			S	09 42	25.5	-3.0				

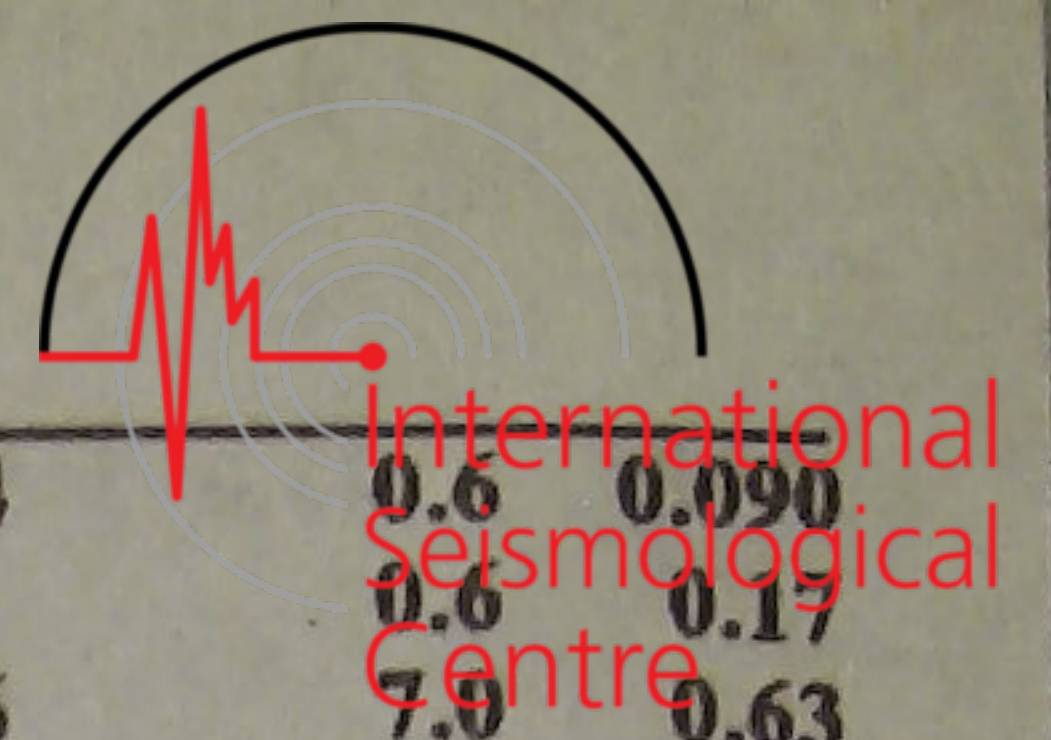
APR 25d 19h 25m $38.3 \pm 0.03s$, SD0.93 / 70
 12.36 S $\pm 0.44km$, 166.73 E $\pm 0.82km$, h265 $\pm 0.29km$
 Santa Cruz Islands (184)
 $m_b 4.7 / 10$,

MDJ	66.0	332	eP	19 35	58.5	-0.2	1.5	0.023
CN2	67.4	329	+iP	19 36	06.8	-0.7		
BJI	70.1	321	eP	19 36	24.0	-0.3		
TIY	71.2	317	-iP	19 36	31.3	0.4		
KMI	72.6	301	+P	19 36	41.0	1.3		
HHC	73.5	319	eP	19 36	44.4	0.0		
BTO	74.3	319	eP	19 36	50.0	0.6		
LZH	76.4	312	+P	19 37	01.0	0.1		
			PMZ		$m_b=4.8$			
GTA	80.7	314	eP	19 37	24.8	0.7		
WMQ	90.7	315	P	19 38	14.0	0.8		

APR 26d 01h 14m $40.6 \pm 0.06s$, SD2.25 / 48
 23.70 N $\pm 1.61km$, 94.44 E $\pm 0.96km$, h29 $\pm 1.33km$
 Burma-India border region (294)
 $M_s 4.1 / 3$, $m_b 4.7 / 6$,

CD2	11.0	47	eP	01 17	19.8	0.9		
GYA	11.4	74	P	01 17	27.4	2.3		
			pP	01 17	33.8	2.1		
			S	01 19	32.0	-0.3		

WHN	13.0	111	LN	$M_s = 7.3$	10.0	841	CN2	20.7	60	-P	09 41	53.0	-0.2											
			+P	09 40	14.0	-3.1					PMZ		$m_b = 5.9$	1.0	0.69									
			PMZ		$m_b = 5.6$		1.8	0.27			PMZ		$m_b = 6.9$	5.0	24.0									
			PMZ				3.0	2.33			pP	09 42	02.0		3.8									
			pP	09 40	19.0	-2.3					eS	09 45	38.0		-1.8									
			S	09 42	40.0	-2.0					LN		$M_s = 7.2$	12.0		367								
BJI	13.1	68	LN	$M_s = 7.1$	10.0	468	MDJ	23.8	60	eP	09 42	26.0	2.0	12.0	316									
			LE		11.0	375										PMZ		$m_b = 6.5$	2.0	3.99				
			+P	09 40	19.0	-0.1												PMZ		$m_b = 6.6$	8.0	19.7		
			PMZ		$m_b = 5.3$											1.5	0.10	pP	09 42	30.0		0.9		
			PMZ		$m_b = 6.5$											11.0	13.0	sP	09 42	33.0		1.0		
			S	09 42	48.0	2.4												SME			12.0		50.1	
TIA	13.6	84	LN	$M_s = 7.2$	11.0	705				LE		$M_s = 7.1$	14.0	343										
			+P	09 40	23.1	-2.3																		
			PMZ		$m_b = 6.2$											1.4	0.67	APR 26d 09h 55m $51.8 \pm 0.06s$, SD3.57 / 6						
			PMZ		$m_b = 6.5$											10.0	10.5	36.25 N $\pm 0.40km$, 100.30 E $\pm 0.50km$, h18 $\pm 0.22km$						
			pP	09 40	26.8	-2.8												Qinghai Province (325)						
			S	09 42	54.0	-3.0												$M_L 4.6 / 3$						
NJ2	15.9	99	LN	$M_s = 6.9$	11.0	400	LZH	2.9	92	Pn	09 56	38.0	0.6	1.0	1.59									
			+P	09 40	53.0	-2.2												Pg	09 56	43.6	1.1			
			PMZ													3.0	1.39	Sg	09 57	22.5	0.6			
			sP	09 41	05.0	1.8												SMN		$M_L = 4.5$	1.0	1.59		
			S	09 43	56.0	5.0												SME			1.5	2.59		
			LN		$M_s = 7.0$											14.0	430	APR 26d 10h 15m $35.2 \pm 0.06s$, SD1.99 / 33						
DL2	17.1	74	eP		09 41	12.4	1.0																	
			PMZ		$m_b = 5.8$		0.9	0.38	35.97 N $\pm 0.58km$, 99.95 E $\pm 0.54km$, h5 $\pm 0.19km$															
			PMZ		$m_b = 6.6$		10.0	29.1	Qinghai Province (325)															
			eS	09 44	20.0	-1.1			$M_L 4.5 / 6$, $m_b 4.5 / 6$,															
			SMN				9.0	15.2	LZH	3.2	87	Pn	10 16	29.5	3.4									
			SME				12.0	40.2				Pg	10 16	35.4	4.4									
GZH	17.2	135	LN	$M_s = 7.1$	12.0	299	GTA	3.4	358	Pn	10 16	33.2	3.4	1.0	1.70									
			LE		14.0	386													Pg	10 16	40.4	4.6		
			+P	09 41	09.0	-2.7												Sg	10 17	14.0	-0.3			
			PMZ		$m_b = 6.5$											5.0	11.2	SMN		$M_L = 4.6$	1.0	1.70		
			S	09 44	25.0	4.0												SME			1.2	2.68		
			LN		$M_s = 7.0$											12.0	263	eP	10 16	33.2	3.4			
SSE	18.1	100	LE		11.0	289	BTO	9.2	57	eP	10 17	50.4	-1.0	0.8	0.25									
			+iP	09 41	22.5	-0.5																		
			PMZ		$m_b = 5.8$											2.0	0.92	TIY	10.2	76	P	10 18	06.0	0.9
			pP	09 41	26.0	-1.5												HHC	10.3	58	-P	10 18	05.4	-2.1
			PP	09 41	37.0	-0.3												WMQ	12.2	314	P	10 18	32.6	-0.7
			LN		$M_s = 7.1$											14.0	476	CN2	21.0	60	eP	10 20	22.0	-0.5
QZN	18.9	151	LE		14.0	235	APR 26d 15h 39m $22.9 \pm 0.03s$, SD1.09 / 174																	
			+iP	09 41	33.5	-0.2			6.29 S $\pm 0.57km$, 154.83 E $\pm 0.76km$, h74 $\pm 0.17km$															
			sP	09 41	45.5	3.9			Solomon Islands (193)															
			S	09 44	59.0	-2.1			$M_s 5.8 / 3$, $m_b 6.0 / 1$, $m_b 5.5 / 29$															
			sS	09 45	14.0	4.9			QZN	51.0	301	P	15 48	20.8	1.2									
			LN		$M_s = 6.6$		10.0	101	DL2	54.5	328	eP	15 48	49.5	3.7									
SNY	19.0	65	LE		11.0	196				PMZ		$m_b = 5.2$	1.0	0.031										
			-iP	09 41	33.7	-0.2											SME			6.0	1.79			
			PMZ		$m_b = 6.1$										1.0	0.95	LN		$M_s = 6.2$	20.0	12.2			
			sP	09 41	42.5	0.6											LE			18.0	7.09			
			PPMZ												9.0	21.4	LZ		$M_s = 5.9$	12.0	7.02			
			iS	09 45	03.0	0.8											CD2	61.2	310	P	15 49	32.6	-0.6	
QZH	19.2	120	LN	$M_s = 7.0$	12.0	188	APR 26d 15h 40m $34.1 \pm 0.03s$, SD1.20 / 193																	
			LE		11.0	196	1.07 N $\pm 0.65km$, 122.87 E $\pm 0.93km$, h23 $\pm 0.07km$																	
			+iP	09 41	36.0	-1.0			Minahassa Peninsula (Celebes) (265)															
			PMZ		$m_b = 6.7$		7.0	27.4	$M_s 5.8 / 57$, $m_b 6.1 / 34$, $m_b 5.7 / 52$															
			sP	09 41	48.0	3.1			QZN	21.9	325	-iP	15 45	27.5	-0.7									
			S	09 45	05.0	-2.5					PMZ		$m_b = 5.9$	5.0	2.53									
KSH	19.6	287	sS	09 45	16.0	0.6				pP	15 45	35.5	0.0											
			SS	09 45	30.0	-3.1				PP	15 45	54.0	0.8											
			LN		$M_s = 6.6$		11.0	112	iS	15 49	23.0	-1.5												
			LZ		$M_s = 6.8$		15.0	294	SMN			9.0	5.19											
			-P	09 41	41.0	-0.3			SME			10.0	19.2											
			PMZ		$m_b = 6.5$		5.0	10.5	APR 26d 15h 40m $34.1 \pm 0.03s$, SD1.20 / 193															
KSH	19.6	287	S	09 45	16.0	0.1																		
			LN		$M_s = 7.2$		11.0	446	1.07 N $\pm 0.65km$, 122.87 E $\pm 0.93km$, h23 $\pm 0.07km$															
			LZ		$M_s = 6.6$		10.0	123	Minahassa Peninsula (Celebes) (265)															
									$M_s 5.8 / 57$, $m_b 6.1 / 34$, $m_b 5.7 / 52$															



				<p>APR 26d 22h 40m $43.7 \pm 0.09s$, SD2.62 / 32 $35.98 N \pm 0.74km$, $100.05 E \pm 0.69km$, $h21 \pm 0.30km$ Qinghai Province (325) $M_s 3.7 / 4$, $M_L 4.0 / 10$,</p>			
LZH	3.1	87	ePn	22 41 33.0	1.2		
			Pg	22 41 38.0	-0.1		
			Sn	22 42 10.0	0.5		
			Sg	22 42 18.5	-1.7		
			SMN	$M_L = 4.3$	0.8	1.18	
			SME		0.8	0.95	
GTA	3.4	357	Pn	22 41 38.4	1.8		
			Pg	22 41 44.2	-0.1		
			Sn	22 42 18.2	0.0		
			Sg	22 42 26.6	-4.6		
			SMN	$M_L = 3.5$	0.6	0.11	
			SME		0.6	0.18	
			LN	$M_s = 3.4$	9.0	0.63	
CD2	5.9	147	Pg	22 42 27.6	-1.0		
			Sg	22 43 54.5	4.9		
			SMN	$M_L = 3.8$	1.2	0.050	
			SME		1.2	0.080	
XAN	7.5	102	Pn	22 42 30.2	-2.7		
			Pg	22 42 58.5	1.9		
			Sg	22 44 37.7	-1.9		
BTO	9.1	57	eP	22 42 58.0	1.0		
			esP	22 43 06.0	-0.5		
			LN	$M_s = 3.7$	13.0	0.30	
			LE		13.0	0.40	
TIY	10.1	76	P	22 43 12.2	1.6		
			LN	$M_s = 3.8$	10.0	0.36	
WMQ	12.3	313	P	22 43 37.5	-3.2		
			eS	22 45 53.5	-4.6		
			LN	$M_s = 4.1$	5.0	0.32	
SNY	19.2	65	eP	22 45 11.2	2.1		
CN2	20.9	60	eP	22 45 30.8	2.9		
				<p>APR 27d 01h 31m $51.5 \pm 0.08s$, SD3.09 / 19 $36.17 N \pm 0.82km$, $100.21 E \pm 0.57km$, $h22 \pm 0.36km$ Qinghai Province (325) $M_s 3.6 / 2$, $M_L 3.9 / 8$,</p>			
LZH	2.9	91	ePn	01 32 36.5	-1.1		
			Pg	01 32 41.5	-2.0		
			Sn	01 33 13.5	-0.3		
			SMN	$M_L = 4.1$	0.8	0.64	
			SME		0.8	0.85	
GTA	3.2	355	Pn	01 32 44.4	2.6		
			Pg	01 32 51.4	2.5		
			Sg	01 33 32.4	-0.9		
				<p>APR 27d 01h 57m $49.6 \pm 0.07s$, SD2.39 / 23 $36.10 N \pm 0.51km$, $100.27 E \pm 0.57km$, $h15 \pm 0.28km$ Qinghai Province (325) $M_s 3.8 / 3$, $M_L 3.8 / 9$,</p>			
LZH	2.9	89	+Pn	01 58 39.0	3.2		
			Pg	01 58 44.0	3.2		
			Sn	01 59 16.5	4.4		
			Sg	01 59 23.6	3.2		
			SMN	$M_L = 4.3$	0.8	1.21	
			SME		0.8	1.38	
GTA	3.3	354	Pn	01 58 44.6	2.9		
			Pg	01 58 50.8	2.5		
			Sg	01 59 33.2	-0.6		
			SMN	$M_L = 3.5$	0.6	0.14	
			SME		0.6	0.16	
XAN	7.4	104	Pn	01 59 37.7	0.3		
			Sn	02 01 03.0	-0.3		
			SMN	$M_L = 3.9$	1.0	0.040	
			SME		1.0	0.040	
BTO	8.9	57	eP	01 59 58.5	-2.2		
			epP	02 00 03.0	-3.0		
			LN	$M_s = 3.7$	12.0	0.30	
			LE		12.0	0.30	
TIY	9.9	77	P	02 00 13.2	-1.3		
			LE	$M_s = 3.8$	7.0	0.28	
HHC	10.0	58	eP	02 00 15.6	-1.2		
WMQ	12.3	312	eP	02 00 46.5	-1.4		
			eS	02 03 01.6	-4.6		
				<p>APR 27d 02h 50m $02.8 \pm 0.04s$, SD0.98 / 153 $13.71 S \pm 0.64km$, $166.74 E \pm 0.85km$, $h55 \pm 0.26km$ Vanuatu (New Hebrides) (186) $M_s 5.2 / 5$, $m_b 5.4 / 46$,</p>			
QZH	60.7	309	eP	03 00 11.2	-0.1		
SSE	62.4	316	+iP	03 00 23.0	-0.2		
			PMZ	$m_b = 5.3$	1.0	0.040	
			pP	03 00 35.0	-2.1		
			LZ	$M_s = 4.8$	14.0	0.44	
NJ2	64.6	316	-P	03 00 37.0	-0.3		
QZN	64.8	299	P	03 00 38.9	0.2		
WHN	66.9	312	-P	03 00 52.5	0.5		
			pP	03 01 06.0	0.0		
MDJ	67.1	332	-P	03 00 53.9	0.2		
			PMZ	$m_b = 5.4$	1.0	0.050	
DL2	67.2	323	P	03 00 53.5	-0.3		
			PMZ	$m_b = 5.8$	0.9	0.11	
SNY	68.1	327	eP	03 00 58.8	-0.7		
CN2	68.5	329	P	03 01 01.8	-0.4		
			PMZ	$m_b = 5.7$	1.0	0.10	
			epP	03 01 17.5	1.3		
			eS	03 09 57.0	-1.6		
			LZ	$M_s = 4.7$	24.0	0.50	

SNY	47.8	58	sS	05 45	08.0	4.6			ScS	09 59	14.0	3.3							
			LN		$M_s = 5.7$	16.0	5.20		LN		$M_B = 5.1$	14.0	1.90						
			LE			16.0	0.90		LE			14.0	1.20						
			LZ		$M_s = 5.0$	16.0	1.32		LZ		$M_B = 4.7$	16.0	1.50						
			eP	05 38	02.4	-2.0		WHN	30.2	344	eP	09 48	41.0	0.1					
			S	05 44	52.0	-6.7					pP	09 48	51.0	0.4					
			SS	05 48	16.0	-5.5					S	09 53	36.0	0.1					
			LZ		$M_s = 5.3$	17.0	2.94				LN		$M_B = 5.4$	15.0	4.56				
			+P	05 38	15.0	0.8					LE			14.0	1.73				
			PMZ		$m_b = 4.9$	1.0	0.020		NJ2	30.7	352	LZ		$M_B = 4.9$	16.0	2.38			
PMZ		$m_B = 5.5$	4.0	0.30				-P	09 48	46.0	0.5								
epP	05 38	23.0	2.5					PMZ		$m_b = 5.6$	5.0	0.50							
eS	05 45	15.0	-2.6					sP	09 49	01.5	2.0								
LN		$M_s = 5.6$	12.0	1.20				S	09 53	47.5	3.4								
LE			12.0	2.40				SS	09 55	32.0	4.5								
LZ		$M_s = 5.7$	16.0	6.50				LN		$M_B = 5.0$	16.0	1.43							
eP	05 38	37.5	1.0					LE			10.0	1.00							
LN		$M_s = 5.8$	16.0	4.55				LZ		$M_B = 4.6$	14.0	0.89							
LZ		$M_s = 5.3$	17.0	2.69				-P	09 48	48.0	0.0								
APR 27d 07h 32m $24.8 \pm 0.06s$, $SD2.41 / 14$																			
36.02 N $\pm 0.43km$, 100.23 E $\pm 0.51km$, $h22 \pm 0.22km$																			
Qinghai Province (325)																			
$M_L 3.3 / 7$																			
LZH	2.9	88	Pg	07 33	16.0	-0.9			CD2	34.8	329	eP	09 49	20.4	-0.5				
			Sg	07 33	55.0	-1.8						S	09 54	48.0	0.6				
			SMN		$M_L = 3.8$	0.8	0.34					LN		$M_B = 5.2$	14.0	2.25			
			SME			0.8	0.43					LZ		$M_B = 4.8$	14.0	1.26			
GTA	3.4	355	Pn	07 33	18.8	1.5			TIA	35.1	351	eP	09 49	22.7	-0.6				
			Pg	07 33	25.6	0.6						PMZ		$m_b = 5.5$	1.2	0.10			
			Sg	07 34	09.0	-2.6						S	09 54	50.5	-1.2				
			SMN		$M_L = 3.1$	0.6	0.050					LN		$M_B = 4.8$	12.0	0.40			
			SME			0.6	0.060					LE			12.0	0.60			
CD2	5.9	149	ePg	07 34	07.0	-2.0						LZ		$M_B = 4.6$	18.0	1.00			
XAN	7.4	103	Pn	07 34	11.2	-0.9			XAN	35.2	339	P	09 49	24.2	-0.1				
			Pg	07 34	34.0	-1.4						S	09 54	54.0	0.5				
			Sg	07 36	14.2	-2.4						LN		$M_B = 5.3$	15.0	2.00			
			SMN		$M_L = 3.3$	1.0	0.010					LE			14.0	1.80			
			SME			1.0	0.010					LZ		$M_B = 4.6$	18.0	1.00			
TIY	9.9	77	eP	07 34	48.1	-1.5			DL2	37.3	357	eP	09 49	42.0	0.1				
APR 27d 09h 42m $31.1 \pm 0.03s$, $SD1.20 / 143$																			
1.48 N $\pm 0.59km$, 123.64 E $\pm 0.86km$, $h36 \pm 0.08km$																			
Minahassa Peninsula (Celebes) (265)																			
$M_s 5.1 / 41$, $m_b 5.6 / 7$, $m_p 5.3 / 31$																			
QZN	22.1	323	P	09 47	24.5	-0.3						SME			6.0	0.55			
			pP	09 47	33.0	-1.1						LN		$M_B = 4.8$	13.0	0.78			
			S	09 51	20.0	-0.2						LZ		$M_B = 4.7$	16.0	0.90			
			LN		$M_s = 5.1$	13.0	3.44		TIY	37.5	345	-P	09 49	44.0	0.2				
GZH	23.7	336	-P	09 47	41.0	0.3						PP	09 51	13.0	1.1				
			S	09 51	56.0	6.8						S	09 55	35.0	6.1				
			LN		$M_s = 5.5$	17.0	3.41					LN		$M_B = 5.1$	14.0	1.59			
			LE			15.0	7.63					LZ		$M_B = 5.1$	18.0	2.43			
			LZ		$M_s = 5.0$	17.0	4.05					eP	09 49	56.0	0.0				
QZH	23.8	349	-P	09 47	42.0	0.0			BJI	39.0	351	PMZ		$m_b = 5.3$	1.5	0.084			
			pP	09 47	50.5	-1.0						PMZ		$m_B = 5.2$	12.0	0.48			
			S	09 51	52.0	0.3						ePP	09 51	28.0	-1.5				
			sS	09 52	06.0	-2.0						eS	09 55	52.0	-0.2				
			LN		$M_s = 4.7$	15.0	1.29					eSS	09 58	31.0	-5.0				
			LZ		$M_s = 4.7$	18.0	2.18					LN		$M_B = 4.6$	14.0	0.43			
SSE	29.5	356	P	09 48	35.2	0.3						LZ		$M_B = 4.8$	18.0	1.41			
			PMZ		$m_b = 5.1$	2.0	0.070					LZH	39.0	334	P	09 49	57.5	1.0	
			S	09 53	20.0	-5.3						PMZ		$m_b = 5.3$	2.5	0.13			
			LN		$M_s = 4.8$	12.0	1.12					pP	09 50	04.5	-1.7				
			LZ		$M_s = 4.7$	20.0	1.84					sP	09 50	07.0	-3.5				
GYA	29.7	328	P	09 48	36.6	0.0						PP	09 51	30.0	0.1				
			pP	09 48	46.4	0.2						eS	09 55	55.0	1.8				
			S	09 53	32.0	4.0						SME			11.0	1.47			
												eSS	09 58	40.0	3.0				
												LE		$M_B = 5.0$	15.0	1.28			
												LZ		$M_B = 5.2$	14.0	2.75			
												-P	09 50	04.5	-1.4				
												sP	09 50	18.0	-2.0				

WMQ 12.2 312 P 08 19 08.2 -4.2
eS 08 21 22.5 -6.8

APR 28d 08h 37m 13.2 ± 0.07s, SD2.99 / 12
39.58 N ± 0.72km, 118.67 E ± 0.63km, h8 ± 0.26km
North-Eastern China (658)
M_L3.3 / 12,

BJI	2.0 284	Pn	08 37 46.0	-1.3		
		Pg	08 37 47.5	-0.6		
		Sg	08 38 09.0	-6.2		
		SMN	M _L = 2.9	0.5	0.10	
		SME		0.5	0.11	
TIA	3.6 200	ePn	08 38 09.8	0.4		
		Pg	08 38 20.7	4.3		
		Sg	08 39 06.0	0.6		
		SMN	M _L = 3.9	1.0	0.20	
		SME		1.2	0.40	

APR 28d 11h 42m 23.7 ± 0.05s, SD1.67 / 154
26.19 S ± 1.73km, 177.90 W ± 1.07km, h17 ± 0.05km
South of Fiji (171)
M_S5.6 / 12, m_b5.6 / 1, m_b5.5 / 26

QZH	79.6 304	eP	11 54 34.0	1.3		
		eS	12 04 36.0	2.8		
SSE	81.4 311	eP	11 54 45.0	2.9		
		S	12 04 56.0	5.8		
		eSS	12 10 04.0	-5.6		
		LE	M _S = 5.0	12.0	0.24	
		LZ	M _S = 5.6	14.0	1.76	
QZN	83.3 295	eP	11 54 52.0	0.2		
		eS	12 05 10.5	-0.4		
		SKS	12 05 09.0	1.0		
NJ2	83.6 310	eP	11 54 55.0	1.7		
		eS	12 05 15.0	1.2		
		LZ	M _S = 5.1	28.0	1.14	
MDJ	85.2 325	eP	11 55 03.0	1.5		
		LZ	M _S = 5.4	25.0	2.06	
WHN	85.9 307	eP	11 55 06.0	1.2		
		pP	11 55 09.5	-2.0		
		S	12 05 37.0	2.2		
		LN	M _S = 5.9	20.0	1.65	
		LE		22.0	3.06	
		LZ	M _S = 5.5	28.0	2.56	
DL2	85.9 317	eP	11 55 06.0	1.0		
		esP	11 55 17.0	2.4		
		eS	12 05 37.0	0.2		
		SMN		8.0	0.44	
		LZ	M _S = 5.0	18.0	0.60	
SNY	86.6 320	eP	11 55 09.0	0.6		
		S	12 05 40.0	-1.8		
		sS	12 05 50.0	-4.6		
		LZ	M _S = 5.3	26.0	1.55	
CN2	86.9 323	eP	11 55 11.0	1.5		
		PMZ	m _b = 5.5	1.0	0.040	
		pP	11 55 16.0	-0.2		
		eS	12 05 46.0	0.2		
		LN	M _S = 5.3	14.0	0.40	
		LE		14.0	0.40	
		LZ	M _S = 5.5	26.0	2.40	
TIA	87.2 313	eP	11 55 11.0	-0.1		
		LZ	M _S = 5.2	40.0	1.95	
GYA	89.5 300	P	11 55 23.8	1.3		
BJI	90.0 315	eP	11 55 25.0	0.5		
		PMZ	m _b = 5.3	1.5	0.031	
		eSKS	12 05 56.0	4.6		
		eS	12 06 20.0	5.0		
		LZ	M _S = 5.3	36.0	2.09	
TIY	91.1 312	eP	11 55 30.2	0.3		

		pP	11 55 40.0	3.5		
		sS	12 06 35.0	-1.3		
		LN	M _S = 5.7	20.0	1.75	
		LZ	M _S = 5.5	40.0	3.66	
XAN	91.6 307	P	11 55 33.0	0.8		
KMI	92.0 297	-P	11 55 35.5	1.4		
		sP	11 55 42.0	-1.5		
HHC	93.4 314	eP	11 55 43.0	2.7		
		SKS	12 06 08.0	-2.9		
		LZ	M _S = 5.3	28.0	1.48	
CD2	93.9 302	eP	11 55 43.1	0.4		
BTO	94.2 313	eP	11 55 46.0	1.8		
		sP	11 55 52.0	-1.7		
		eSKS	12 06 19.5	3.9		
		S	12 06 56.0	5.4		
		LN	M _S = 5.5	17.0	0.60	
		LE		17.0	0.70	
LZH	96.3 307	eP	11 55 52.0	-1.6		
		sP	11 56 00.5	-2.5		
		LZ	M _S = 5.7	24.0	2.80	
GTA	100.6 309	eP	11 56 15.8	2.6		

APR 28d 17h 43m 00.1 ± 0.07s, SD2.39 / 40
36.23 N ± 0.59km, 100.14 E ± 0.56km, h23 ± 0.29km
Qinghai Province (325)
M_S3.9 / 9, M_L4.0 / 11, m_b4.2 / 1

LZH	3.0 92	Pn	17 43 50.0	3.1		
		Pg	17 43 56.5	3.3		
		Sn	17 44 27.0	3.3		
		Sg	17 44 35.0	0.7		
		SMN	M _L = 4.3	0.8	1.11	
		SME		0.8	1.50	
		LZ		10.0	1.07	
GTA	3.2 355	Pn	17 43 53.0	3.6		
		Pg	17 44 00.0	3.6		
		Sg	17 44 41.8	1.8		
		SMN	M _L = 3.6	0.6	0.18	
		SME		0.6	0.29	
		LE	M _S = 3.4	8.0	0.64	
CD2	6.1 149	Pg	17 44 51.5	3.4		
		Sg	17 46 17.4	5.9		
		SMN	M _L = 3.5	1.2	0.030	
		SME		1.0	0.040	
		LN	M _S = 3.8	9.0	0.72	
XAN	7.5 104	Pn	17 44 49.4	0.5		
		Pg	17 45 14.0	1.2		
		Sg	17 46 57.2	1.5		
		SMN	M _L = 4.2	1.0	0.070	
		SME		1.4	0.10	
BTO	8.9 58	eP	17 45 12.0	1.6		
		epP	17 45 19.0	2.4		
		LN	M _S = 3.7	10.0	0.30	
		LE		10.0	0.30	
TIY	9.9 78	eP	17 45 22.4	-2.6		
		LN	M _S = 4.0	15.0	0.88	
		LZ	M _S = 3.9	12.0	0.72	
HHC	10.1 59	-P	17 45 25.7	-1.0		
		S	17 47 14.9	-4.6		
		SMN		1.2	0.060	
		SME		1.2	0.050	
GYA	11.2 148	P	17 45 45.0	2.5		
		S	17 47 52.0	4.2		
		LN	M _S = 4.0	10.0	0.40	
		LE		10.0	0.30	
WMQ	12.2 312	P	17 45 52.0	-3.3		
		S	17 48 07.5	-3.2		
		LE	M _S = 4.4	4.0	0.45	
WHN	13.2 111	eP	17 46 08.5	0.1		

SNY	19.0	66	+P	17 47 22.6	-0.7		
CN2	20.8	61	eP	17 47 42.4	0.4		
<p>APR 28d 20h 44m 47.0 ± 0.05s, SD2.26 / 79 33.30 N ± 0.68km, 96.77 E ± 0.60km, h10 ± 0.05km Qinghai Province (325) M_S4.4 / 26, M_L4.3 / 5, m_b4.5 / 17</p>							
LSA	6.0	235	-Pn	20 46 21.4	4.9		
			Su	20 47 25.0	-1.9		
			LN		M _S =4.0	6.0	0.86
CD2	6.4	110	Pn	20 46 24.8	3.1		
			Pg	20 46 44.5	4.7		
			Sg	20 48 13.5	6.3		
			SMN		M _L =4.5	1.4	0.36
			SME			1.0	0.19
			LN		M _S =4.5	6.0	2.80
			LZ		M _S =4.4	6.0	1.90
LZH	6.5	63	ePn	20 46 24.5	1.8		
			LN		M _S =4.6	7.0	3.11
			LE			7.0	1.11
			LZ		M _S =4.0	10.0	1.33
GTA	6.6	21	ePn	20 46 26.4	2.1		
			LE		M _S =4.3	7.5	2.04
KMI	9.7	146	-P	20 47 10.0	0.5		
			S	20 49 02.0	3.4		
			LN		M _S =4.4	7.0	1.00
			LE			7.0	0.80
XAN	10.2	82	P	20 47 17.0	0.7		
			S	20 49 10.0	-1.0		
			LN		M _S =4.2	15.0	1.51
GYA	11.0	126	P	20 47 27.6	0.2		
			pP	20 47 35.0	3.0		
			S	20 49 27.0	-3.6		
			LN		M _S =4.2	10.0	0.80
			LE			10.0	0.60
WMQ	12.7	329	-iP	20 47 48.0	-2.4		
			LZ		M _S =4.0	12.0	0.71
BTO	12.9	52	eP	20 47 50.0	-3.0		
			epP	20 47 57.5	0.3		
			LN		M _S =4.3	12.0	0.80
			LE			12.0	0.60
TIY	13.5	67	eP	20 47 58.6	-2.9		
			LE		M _S =4.5	18.0	2.14
			LZ		M _S =4.0	22.0	1.04
HHC	14.0	53	eP	20 48 04.8	-3.4		
WHN	15.2	96	eP	20 48 23.0	-0.5		
			pP	20 48 31.0	3.0		
			LN		M _S =4.6	14.0	1.54
			LE			10.0	1.05
BJI	16.9	61	eP	20 48 50.0	3.9		
KSH	17.9	296	P	20 49 01.0	3.1		
			eS	20 52 18.5	3.4		
			LN		M _S =4.7	8.0	1.30
QZN	18.4	137	eP	20 49 03.9	-0.4		
NJ2	18.6	88	eP	20 49 11.0	3.9		
			LN		M _S =4.5	8.0	0.41
			LE			8.0	0.47
SSE	20.8	89	P	20 49 33.0	2.0		
DL2	20.8	67	eP	20 49 35.0	3.5		
			LN		M _S =4.4	12.0	0.68
			LZ		M _S =4.0	12.0	0.38
CN2	24.6	56	eP	20 50 10.0	0.6		

<p>APR 28d 22h 09m 59.4 ± 0.05s, SD2.10 / 62 36.20 N ± 0.67km, 100.12 E ± 0.55km, h8 ± 0.05km Qinghai Province (325) M_S3.9 / 8, M_L4.0 / 11, m_b4.3 / 18</p>							
LZH	3.0	91	ePn	22 10 49.5	1.5		

			Pg	22 10 54.0	1.3		
			Sg	22 11 32.5	-1.5		
			SMN		M _L =4.5	1.5	1.36
			SME			1.0	2.31
GTA	3.2	356	Pn	22 10 55.0	4.3		
			Pg	22 11 02.4	6.2		
			Sg	22 11 46.0	5.9		
			SMN		M _L =3.8	0.8	0.25
			SME			0.8	0.34
			LN		M _S =3.7	9.0	1.48
CD2	6.1	149	ePn	22 11 34.6	4.5		
			Pg	22 11 50.3	3.4		
			Sg	22 13 05.2	-4.9		
			SMN		M _L =3.7	1.2	0.050
			SME			1.0	0.060
			LN		M _S =4.0	8.0	1.05
			LZ		M _S =3.9	10.0	0.95
XAN	7.5	104	Pn	22 11 50.5	0.6		
			Pg	22 12 16.7	4.4		
			Sg	22 13 50.5	-4.8		
			SMN		M _L =4.5	1.2	0.15
			SME			1.2	0.16
BTO	8.9	58	eP	22 12 14.0	2.1		
			epP	22 12 19.0	2.7		
			LN		M _S =3.7	10.0	0.30
			LE			10.0	0.30
LSA	9.9	232	eP	22 12 26.6	0.4		
TIY	10.0	78	eP	22 12 25.5	-0.9		
			LN		M _S =4.0	12.0	0.84
			LZ		M _S =4.1	10.0	0.89
HHC	10.1	59	eP	22 12 26.6	-1.5		
			S	22 14 19.0	-3.2		
			SMN			1.2	0.060
			SME			1.2	0.050
GYA	11.2	148	P	22 12 45.0	1.7		
WMQ	12.2	312	P	22 12 55.0	-1.4		
			S	22 15 11.0	-1.9		
			LZ		M _S =4.0	12.0	0.71
WHN	13.2	111	eP	22 13 09.0	-0.5		
			LE		M _S =3.8	10.0	0.29
SSE	18.3	100	eP	22 14 18.0	2.9		
			eS	22 17 33.0	-3.3		
			LN		M _S =3.9	11.0	0.25
			LZ		M _S =4.0	12.0	0.45

<p>APR 29d 05h 43m 40.1 ± 0.06s, SD1.52 / 134 4.06 S ± 0.78km, 151.95 E ± 1.28km, h26 ± 0.08km New Britain region (192) M_S5.2 / 30, m_b5.7 / 7, m_b5.5 / 36</p>							
QZH	43.4	313	-P	05 51 42.5	-0.1		
			pP	05 51 48.0	-2.8		
			S	05 58 09.0	1.2		
			sS	05 58 19.0	-3.3		
			LN		M _S =5.3	18.0	2.00
			LE			18.0	1.41
			LZ		M _S =4.8	20.0	1.25
SSE	45.6	322	P	05 51 56.0	-4.8		
			pP	05 52 03.5	-5.4		
			S	05 58 42.0	1.5		
			sS	05 58 51.0	-4.0		
			LN		M _S =5.2	16.0	1.56
			LE			16.0	0.63
			LZ		M _S =4.7	22.0	0.95
GZH	46.3	307	eP	05 52 09.2	2.9		
			S	05 58 56.0	5.5		
			LN		M _S =5.2	16.0	1.38
QZN	47.4	300	eP	05 52 14.5	0.1		
			PP	05 54 04.5	0.0		

NJ2	47.7 321	S	05 59 06.5	1.5				SMN	10.0	0.44	
		LN		$M_s=5.2$	14.0	1.30		SME	10.0	0.39	
		-P	05 52 18.0	0.6			SS	06 05 23.5	1.6		
		S	05 59 15.0	4.6			LN		$M_s=5.2$	16.0	0.76
		LN		$M_s=5.1$	15.0	0.81		LE			17.0
WHN	49.7 316	LE			15.0	0.76	LZ		$M_s=5.1$	34.0	2.88
		LZ		$M_s=4.6$	18.0	0.66	BTO	58.7 323	P	05 53 38.0	-0.7
		eP	05 52 32.5	-0.3			sP	05 53 47.0	-3.2		
		pP	05 52 36.5	-4.4			eS	06 01 41.0	0.4		
		S	05 59 40.0	1.6			LN		$M_s=5.3$	17.0	0.80
DL2	51.1 330	LE		$M_s=5.0$	16.0	0.94	LE			17.0	1.10
		LZ		$M_s=4.9$	18.0	1.21	LZH	60.1 316	P	05 53 49.0	0.5
		eP	05 52 43.0	-0.3			PMZ		$m_b=5.5$	2.0	0.13
		PMZ		$m_b=5.6$	1.0	0.080	pP	05 53 52.5	-4.0		
		pP	05 52 48.0	-3.3			sP	05 53 57.5	-2.4		
TIA	51.6 324	eS	06 00 00.0	1.6			PcP	05 54 34.0	1.1		
		SMN			20.0	0.91	PP	05 56 04.0	2.0		
		SME			25.0	1.58	LZ		$M_s=4.8$	20.0	0.73
		LE		$M_s=5.0$	16.0	0.76	GTA	64.5 317	P	05 54 18.4	0.4
		LZ		$M_s=4.7$	20.0	0.73	PMZ		$m_b=5.6$	1.4	0.12
MDJ	52.4 340	eP	05 52 45.7	-1.4			LSA	67.1 304	eP	05 54 35.4	0.6
		S	06 00 05.0	0.6			WMQ	74.6 317	P	05 55 20.0	0.3
		LZ		$M_s=4.7$	30.0	1.15	S	06 04 55.5	4.0		
		+P	05 52 52.5	-0.8			LZ		$M_s=4.9$	28.0	0.84
		PMZ		$m_b=5.8$	1.2	0.14	KSH	81.8 311	P	05 55 59.8	0.2
SNY	52.5 333	pP	05 52 58.0	-3.4			eS	06 06 12.0	1.3		
		LZ		$M_s=5.0$	36.0	2.71	APR 29d 08h 20m $17.5 \pm 0.09s$, SD1.39 / 124				
		-P	05 52 52.6	-0.9			48.15 N $\pm 1.93km$, 154.12 E $\pm 0.76km$, h36 $\pm 0.16km$				
		pP	05 52 57.8	-3.8			Kurile Islands (221)				
		S	06 00 19.0	3.0			$M_s 4.1 / 2$, $m_b 4.9 / 50$,				
GYA	53.3 307	SMN			24.0	1.81	MDJ	17.3 267	eP	08 24 21.0	3.4
		SME			26.0	1.72	pP	08 24 30.0	4.5		
		LZ		$M_s=4.9$	24.0	1.42	CN2	20.3 268	eP	08 24 51.0	-2.6
		+iP	05 53 04.0	4.4			PMZ		$m_b=4.4$	1.0	0.020
		pP	05 53 10.0	2.3			pP	08 25 03.0	0.5		
CN2	53.3 336	S	06 00 32.0	5.1			LZ		$M_s=4.0$	20.0	0.60
		LN		$M_s=5.5$	20.0	2.90	DL2	25.1 261	eP	08 25 42.5	1.4
		LE			20.0	1.60	pP	08 25 54.0	3.5		
		LZ		$M_s=4.9$	20.0	1.20	XAN	36.3 264	P	08 27 20.2	-0.1
		+P	05 52 59.0	-0.6			LZH	38.5 271	eP	08 27 39.5	0.6
BJI	54.8 327	PMZ		$m_b=5.5$	1.0	0.070	GTA	39.4 278	P	08 27 45.4	-1.0
		PMZ		$m_b=5.8$	5.0	0.70	CD2	41.7 264	eP	08 28 02.4	-2.5
		eS	06 00 26.0	-2.2			GYA	42.7 257	P	08 28 12.0	-1.2
		LE		$M_s=5.1$	18.0	1.00	APR 29d 08h 53m $59.5 \pm 0.06s$, SD2.74 / 12				
		LZ		$M_s=5.0$	22.0	1.70	36.37 N $\pm 0.76km$, 100.34 E $\pm 0.51km$, h13 $\pm 0.31km$				
TIY	55.4 322	eP	05 53 09.0	-1.8			Qinghai Province (325)				
		PMZ		$m_b=5.9$	2.0	0.31	$M_s 3.5 / 4$, $M_L 3.7 / 5$,				
		PMZ		$m_b=5.4$	10.0	0.52	LZH	2.8 95	Pg	08 54 48.5	-1.6
		S	06 00 50.0	2.3			Sn	08 55 18.5	-2.6		
		LN		$M_s=5.1$	20.0	1.15	Sg	08 55 26.5	-2.3		
XAN	55.5 317	LZ		$M_s=4.8$	36.0	1.67	SMN		$M_L=4.2$	0.5	0.54
		eP	05 53 14.0	-1.4			SME			0.8	1.39
		S	06 00 57.5	1.6			GTA	3.1 352	Pn	08 54 50.2	2.0
		LN		$M_s=5.4$	16.0	1.30	Pg	08 54 55.6	1.9		
		LE			17.0	1.06	Sg	08 55 32.8	-2.8		
KMI	55.9 304	LZ		$M_s=5.1$	19.0	1.48	SMN		$M_L=4.1$	0.8	0.50
		P	05 53 15.0	-0.9			SME			0.6	0.80
		+P	05 53 22.0	3.2			LE		$M_s=3.3$	8.0	0.47
		PMZ		$m_b=5.4$	2.5	0.14	XAN	7.4 106	Pn	08 55 47.5	-0.2
		sP	05 53 31.0	0.8			Pg	08 56 12.0	1.9		
CD2	57.6 311	sS	06 01 20.0	3.3			Sg	08 57 45.9	-5.5		
		LN		$M_s=5.3$	15.0	1.00	BTO	8.7 58	eP	08 56 10.4	2.3
		LE			15.0	0.80	TIY	9.8 78	eP	08 56 23.6	0.6
		LZ		$M_s=5.0$	22.0	1.40	LN		$M_s=3.6$	8.0	0.23
		eP	05 53 30.1	-0.9			WMQ	12.2 311	eP	08 56 53.0	-3.2
HHC	58.0 325	P	05 53 33.2	-0.2			S	08 59 13.0	0.5		
		PcP	05 54 24.5	0.1							
		eS	06 01 35.0	4.2							

<p>APR 29d 17h 55m 28.3 ± 0.17s, SD2.60 / 37 33.19 N ± 1.13km, 93.46 E ± 1.18km, h21 ± 0.41km Tibet (306) M_s4.3 / 19, m_b4.1 / 3,</p>					XAN	10.3	33	P	01 07 51.2	-2.1		
LSA	4.0	210	-Pg	17 56 38.6	-1.1							
			LN		M _s =3.7	4.5	0.58					
GTA	8.0	38	eP	17 57 23.2	-4.0							
			LE		M _s =4.0	12.0	1.06					
LZH	9.0	68	eP	17 57 41.5	0.7							
			LN		M _s =4.3	10.0	1.17					
			LE			8.0	0.48					
			LZ		M _s =3.9	8.0	0.59					
CD2	9.0	102	eP	17 57 43.5	2.8							
			eS	17 59 21.0	-1.8							
			LN		M _s =4.6	8.0	2.48					
WMQ	11.5	339	P	17 58 12.0	-3.0							
XAN	12.9	82	P	17 58 36.8	3.0							
GYA	13.3	117	P	17 58 36.8	-1.8							
BTO	15.2	56	eP	17 59 03.0	-0.2							
			LN		M _s =4.3	8.0	0.30					
			LE			8.0	0.50					
TIY	16.1	68	+P	17 59 15.2	-0.2							
			LN		M _s =4.3	10.0	0.71					
			LZ		M _s =4.4	8.0	0.84					
HHC	16.3	57	eP	17 59 14.2	-4.2							
			LN		M _s =4.7	9.0	0.26					
			LE			10.0	0.42					
			LZ		M _s =4.3	12.0	0.98					
WHN	17.9	93	eP	17 59 39.5	1.1							
			pP	17 59 44.0	-0.6							
			LN		M _s =4.4	9.0	0.70					
BJI	19.4	63	eP	17 59 53.0	-3.5							
			PMZ		m _b =4.1	1.0	0.010					
QZN	20.3	130	eP	18 00 09.0	2.7							
			LN		M _s =4.5	15.0	1.08					
NJ2	21.4	86	eP	18 00 16.2	-1.0							
			LN		M _s =4.3	10.0	0.35					
			LE			10.0	0.24					
SNY	25.3	61	eP	18 00 55.4	0.1							
CN2	27.0	58	eP	18 01 11.0	-0.4							
			eS	18 05 43.0	-3.2							
			LZ		M _s =4.2	12.0	0.40					
<p>APR 29d 23h 20m 26.8 ± 0.34s, SD3.67 / 7 39.99 N ± 0.76km, 75.98 E ± 3.48km, h15 ± km Southern Xinjiang Province (321) M_s4.0 / 1, M_L3.6 / 3,</p>												
KSH	0.5	185	-iPg	23 20 35.8	0.0							
			Sg	23 20 45.0	2.7							
WMQ	9.5	63	P	23 22 50.5	3.4							
			LN		M _s =4.0	5.0	0.32					
<p>APR 30d 01h 05m 22.3 ± 0.07s, SD2.57 / 26 25.55 N ± 0.50km, 102.20 E ± 0.50km, h9 ± 0.18km Yunnan Province (318) M_s4.0 / 5, M_L3.7 / 7,</p>												
KMI	0.6	129	-Pg	01 05 34.5	0.6							
			Sg	01 05 44.0	1.7							
			LN			3.0	11.3					
			LE			3.0	9.90					
CD2	5.5	14	-iPn	01 06 47.4	2.4							
			Pg	01 07 04.6	5.0							
			Sg	01 08 16.0	1.0							
			SMN		M _L =4.5	1.6	0.54					
			SME			1.0	0.29					
			LE		M _s =4.0	9.0	1.54					
QZN	9.6	131	eP	01 07 43.0	-0.9							
<p>APR 30d 01h 38m 59.5 ± 0.06s, SD1.88 / 88 17.17 S ± 1.10km, 72.71 W ± 1.30km, h30 ± 0.07km Off coast of Peru (114) m_b5.0 / 33,</p>												
KSH	144.8	44	PKP	01 58 39.0	4.2							
MDJ	146.8	330	ePKP	01 58 41.0	2.9							
WMQ	148.7	28	PKP	01 58 43.5	2.3							
SNY	151.7	334	ePKP	01 58 49.7	3.9							
GTA	156.9	15	ePKP	01 58 57.2	4.2							
LZH	160.9	9	ePKP	01 59 01.5	3.8							
<p>APR 30d 01h 55m 55.9 ± 0.07s, SD2.52 / 20 26.53 N ± 0.92km, 93.80 E ± 1.10km, h19 ± 0.30km Eastern India (317) M_L4.1 / 3, m_b5.0 / 4,</p>												
CD2	9.8	61	+iP	01 58 19.7	0.8							
GYA	11.5	87	P	01 58 40.0	-3.0							
LZH	12.8	40	eP	01 59 01.5	1.0							
XAN	15.0	57	P	01 59 27.4	-2.3							
<p>APR 30d 02h 30m 55.3 ± 0.03s, SD1.12 / 183 39.98 N ± 0.95km, 142.83 E ± 0.57km, h39 ± 0.37km Near east coast of Honshu (228) M_s4.4 / 17, m_b4.9 / 73,</p>												
MDJ	10.8	300	-P	02 33 33.0	1.8							
			PMZ		m _b =5.3	1.5	0.090					
			sP	02 33 43.0	-1.0							
			S	02 35 36.0	4.4							
			SMN			6.0	0.65					
			SS	02 35 50.0	4.4							
			LE		M _s =4.4	16.0	2.25					
			LZ		M _s =4.1	25.0	2.06					
CN2	13.5	292	eP	02 34 08.0	1.2							
			PMZ		m _b =5.1	1.0	0.030					
			epP	02 34 17.0	2.5							
			eS	02 36 40.0	3.7							
			LN		M _s =4.4	12.0	1.00					
			LE			12.0	0.50					
			LZ		M _s =4.4	18.0	2.30					
SNY	14.7	283	eP	02 34 23.0	0.8							
			eS	02 37 06.0	1.8							
			LZ		M _s =4.5	19.0	2.52					
DL2	16.4	273	eP	02 34 45.0	0.4							
			esP	02 34 57.0	-0.8							
			S	02 37 46.0	1.9							
			SMN			12.0	0.63					
			LZ		M _s =4.1	18.0	0.91					
SSE	19.7	250	P	02 35 25.0	0.9							
			PMZ		m _b =4.6	1.0	0.030					
			pP	02 35 35.0	1.9							
			sS	02 39 16.0	4.1							
			LN		M _s =4.2	12.0	0.45					
			LZ		M _s =4.0	18.0	0.63					
BJI	20.4	279	eP	02 35 28.5	-3.2							

			PMZ	$m_b=4.7$	1.2	0.044				LZ	$M_s=5.5$	20.0	1.02			
			LN	$M_s=4.1$	14.0	0.43	XAN	126.8	81	PKP	06 13 46.0	0.4				
			LZ	$M_s=4.4$	16.0	1.17				PPMZ	$m_b=6.3$	8.0	0.72			
TIA	20.6	268	+P	02 35 31.4	-2.0		WHN	127.4	88	ePKP	06 13 47.0	0.2				
NJ2	20.9	255	-P	02 35 36.4	-0.6		NJ2	131.1	91	-PKP	06 13 55.5	1.6				
			PMZ	$m_b=4.9$	1.0	0.056				ePP	06 16 12.0	-2.7				
			sP	02 35 56.0	4.8					LZ	$M_s=5.4$	18.0	0.60			
			eS	02 39 26.0	3.1		TIY	131.4	80	-PKP	06 13 54.9	0.4				
			LN	$M_s=4.5$	13.0	0.64				PP	06 16 12.0	-4.0				
			LE		13.0	0.55				PPMZ	$m_b=6.4$	6.0	0.98			
			LZ	$M_s=4.1$	18.0	0.60				LE	$M_s=5.6$	14.0	0.46			
TIY	23.7	274	eP	02 36 04.0	-1.1					LZ	$M_s=5.5$	20.0	1.00			
			eS	02 40 13.0	-1.5		SSE	131.8	93	-PKP	06 13 56.0	0.8				
			LN	$M_s=4.3$	14.0	0.56				LE	$M_s=5.4$	10.0	0.21			
			LZ	$M_s=4.5$	18.0	1.34	BTO	131.9	76	PKP	06 13 56.0	0.4				
HHC	23.8	282	eP	02 36 04.9	-0.6					PP	06 16 19.0	-0.2				
BTO	25.0	282	eP	02 36 16.0	-1.1					PKS	06 17 24.0	-5.2				
			sP	02 36 29.0	-2.3					LN	$M_s=5.7$	17.0	0.60			
			eS	02 40 33.0	-2.7					LE		15.0	0.40			
			LN	$M_s=4.7$	13.0	0.30	HHC	133.0	77	ePKP	06 14 00.0	2.4				
			LE		15.0	1.30				LE	$M_s=5.4$	15.0	0.32			
WHN	25.0	257	eP	02 36 17.0	-0.3					LZ	$M_s=5.4$	27.0	0.87			
			PMZ	$m_b=5.2$	1.0	0.060	TIA	133.1	85	PKP	06 13 57.4	-0.2				
			pP	02 36 28.5	1.3		BJI	135.1	81	PKP	06 14 00.0	-1.4				
			eS	02 40 36.0	0.0					PP	06 16 34.0	-5.2				
			LE	$M_s=4.4$	18.0	0.79				PKS	06 17 33.0	-2.0				
			LZ	$M_s=4.1$	20.0	0.63	DL2	137.5	86	LZ	$M_s=5.3$	26.0	0.66			
XAN	27.6	268	P	02 36 41.4	-0.2					ePKP	06 14 06.0	0.2				
GZH	30.1	245	-P	02 37 05.0	1.6					ePP	06 16 54.0	-0.5				
LZH	30.8	275	eP	02 37 09.5	-0.5		SNY	140.5	84	+iPKP	06 14 07.0	-4.3				
			PMZ	$m_b=5.0$	1.5	0.041				LZ	$M_s=5.6$	20.0	0.91			
			pP	02 37 21.0	1.1		CN2	142.8	83	-PKP	06 14 12.0	-3.3				
			LZ	$M_s=4.3$	20.0	0.70				ePP	06 17 24.0	-2.7				
GTA	32.9	283	-iP	02 37 28.8	0.5					PPMZ	$m_b=6.1$	5.0	0.50			
			PMZ	$m_b=5.1$	1.0	0.030				LN	$M_s=5.7$	17.0	0.40			
			LE	$M_s=4.8$	15.0	1.00				LE		17.0	0.40			
			LZ	$M_s=4.9$	18.0	2.35				LZ	$M_s=5.5$	18.0	0.70			
CD2	32.9	266	eP	02 37 27.6	-0.6		MDJ	145.7	85	ePKP	06 14 20.0	-0.3				
GYA	32.9	257	P	02 37 28.6	0.1		APR 30d 12h 28m $38.5 \pm 0.05s$, $SD2.22 / 90$ $36.16 N \pm 0.74km$, $100.10 E \pm 0.62km$, $h32 \pm 0.08km$ Qinghai Province (325) $M_s4.3 / 17$, $M_L4.4 / 12$, $m_b4.7 / 20$									
			PMZ	$m_b=5.5$	1.0	0.080	LZH	3.0	90	+iPn	12 29 28.5	3.6				
			pP	02 37 41.6	3.2					Pg	12 29 34.0	1.8				
			S	02 42 45.0	3.6					Sn	12 30 07.0	5.6				
QZN	35.2	243	eP	02 37 47.0	-1.2					Sg	12 30 13.0	-0.8				
			eS	02 43 17.0	-1.1					SMN	$M_L=4.6$	0.8	2.22			
KMI	36.6	258	+P	02 38 00.0	0.1					SME		0.8	2.56			
WMQ	40.6	294	+P	02 38 34.1	0.8		GTA	3.3	356	Pn	12 29 31.3	3.3				
			PMZ	$m_b=5.1$	1.2	0.040				Pg	12 29 37.8	1.6				
			pP	02 38 44.0	0.5					Sg	12 30 21.2	0.4				
LSA	43.1	273	eP	02 38 56.0	1.5					SMN	$M_L=3.7$	0.8	0.23			
KSH	50.3	292	eP	02 39 51.9	1.1					SME		0.8	0.26			
APR 30d 05h 54m $40.4 \pm 0.04s$, $SD1.46 / 149$ $54.21 S \pm 1.62km$, $1.32 E \pm 1.19km$, $h10 \pm 0.07km$ Bouvet Island region (412) $M_s5.6 / 10$, $m_b6.1 / 12$, $m_b5.8 / 12$																
KSH	113.1	54	ePKP	06 13 22.0	2.9					LE	$M_s=4.0$	6.0	1.93			
KMI	116.6	83	PKP	06 13 27.2	1.1					LZ	$M_s=4.1$	10.0	2.87			
GYA	119.9	85	PKP	06 13 34.2	1.9		CD2	6.1	149	ePn	12 30 10.2	3.7				
CD2	121.5	80	ePKP	06 13 36.2	0.8					Pg	12 30 26.8	1.2				
WMQ	122.1	59	PKP	06 13 37.5	0.9					Sg	12 31 49.0	0.4				
			PP	06 15 16.0	1.5					SMN	$M_L=4.3$	1.0	0.080			
			PPMZ	$m_b=6.5$	7.0	0.96				SME		1.4	0.30			
			LZ	$M_s=5.6$	24.0	1.55				LN	$M_s=4.0$	10.0	1.59			
LZH	125.3	76	PKP	06 13 44.0	1.1					LZ	$M_s=4.2$	8.0	1.69			
			PP	06 15 35.0	-0.7		XAN	7.5	104	Pn	12 30 26.9	0.2				
			PPMZ		15.0	0.48				Pg	12 30 55.0	3.5				
			LZ	$M_s=5.3$	26.0	0.80				Sn	12 31 50.5	-2.4				
GTA	125.4	70	PKP	06 13 43.8	0.8					Sg	12 32 32.0	-2.6				
										SMN	$M_L=4.8$	1.4	0.30			



GTA	3.2	355	SME			0.8	1.80			S	18 11	18.0	-1.8			
			Pn	17 20	55.6	4.5				LN		$M_g=5.8$	14.0	8.90		
			Sg	17 21	46.2	4.8				LE			14.0	7.64		
			SMN		$M_L=3.5$	0.6	0.090	LZH	30.0	16	eP	18 06	26.0	-0.6		
			SME			0.6	0.23				PMZ		$m_b=5.2$	2.5	0.10	
			LN		$M_s=3.4$	9.0	0.63				pP	18 06	33.0	-0.7		
XAN	7.5	104	Pg	17 22	12.5	0.2					PP	18 07	23.0	-0.8		
			Sg	17 23	51.4	-3.0					eS	18 11	20.0	-2.6		
			SMN		$M_L=3.9$	1.2	0.080				SME			7.0	0.44	
			SME			1.2	0.010				sS	18 11	31.0	-3.4		
BTO	8.9	57	eP	17 22	10.5	-1.1					SS	18 12	58.0	-0.5		
			epP	17 22	14.0	-2.7					LN		$M_g=5.5$	12.0	3.03	
TIY	9.9	78	eP	17 22	24.8	-1.1					LE			12.0	4.62	
			LE		$M_s=3.7$	6.0	0.22				LZ		$M_g=5.4$	15.0	5.80	
HHC	10.1	59	eP	17 22	26.0	-1.8			GTA	32.4	8	+iP	18 06	46.8	-0.8	
WMQ	12.2	312	eP	17 22	56.5	-0.6					PMZ		$m_b=5.4$	1.2	0.070	
			S	17 25	14.0	0.2					S	18 11	56.0	-2.8		
			LE		$M_s=4.3$	5.0	0.44				LE		$M_g=5.2$	11.0	2.16	
CN2	20.8	61	eP	17 24	42.6	-0.8					LZ		$M_g=5.1$	22.0	4.32	
<p>APR 30d 18h 00m $16.6 \pm 0.04s$, SD1.17 / 245 $7.27 N \pm 0.78km$, $94.21 E \pm 0.65km$, $h22 \pm 0.11km$ Nicobar Islands region (704) $M_s 5.7 / 55$, $m_b 5.7 / 4$, $m_b 5.3 / 86$</p>								NJ2	33.7	40	+P	18 07	00.0	1.3		
QZN	19.2	51	eP	18 04	41.5	-0.2					pP	18 07	07.0	1.0		
			sP	18 04	51.5	-0.3					S	18 12	24.5	5.6		
			PP	18 04	57.5	-0.6					LN		$M_s=5.7$	12.0	2.82	
			eS	18 08	10.0	-1.5					LE			12.0	6.28	
			sS	18 08	20.5	-0.9					LZ		$M_s=5.2$	17.0	3.56	
			LN		$M_s=6.2$	12.0	53.3	TIY	34.5	26	eP	18 07	05.0	-1.0		
KMI	19.6	24	-P	18 04	47.5	1.2					pP	18 07	13.0	-0.2		
			pP	18 04	55.0	2.4					S	18 12	31.0	-0.9		
			sP	18 04	56.0	-0.4					sS	18 12	44.0	-0.9		
			PP	18 05	07.5	4.0					LN		$M_s=5.8$	14.0	8.32	
			LN		$M_s=5.5$	11.0	7.40				LZ		$M_s=5.7$	16.0	11.4	
			LE			11.0	5.40	SSE	34.6	43	P	18 07	05.5	-1.1		
			LZ		$M_s=5.4$	16.0	12.2				S	18 12	40.0	6.8		
GYA	22.5	30	P	18 05	17.6	1.4					sS	18 12	50.0	3.7		
			LN		$M_s=5.8$	14.0	8.10				LN		$M_s=5.9$	14.0	9.02	
			LE			14.0	14.8				LE			13.0	6.11	
			LZ		$M_s=5.0$	18.0	5.20				LZ		$M_s=5.5$	15.0	6.25	
LSA	22.5	353	-iP	18 05	15.8	-1.1			TIA	35.6	33	eP	18 07	15.7	0.4	
			sP	18 05	23.0	-3.9					S	18 12	51.1	2.3		
			S	18 09	17.0	0.3					LN		$M_s=5.9$	12.0	2.02	
			sS	18 09	30.0	1.1					LE			13.0	9.90	
			LE		$M_s=5.6$	14.0	10.6				LZ		$M_s=5.3$	16.0	4.30	
GZH	24.2	47	+P	18 05	34.9	1.9			BTO	36.1	21	eP	18 07	19.5	0.3	
			LN		$M_s=5.9$	13.0	15.8				sP	18 07	28.0	-1.7		
			LE			14.0	12.0				PP	18 08	40.5	-0.2		
			LZ		$M_s=5.3$	15.0	6.67				eS	18 12	57.0	0.1		
CD2	25.2	20	-P	18 05	42.7	0.4			KSH	36.1	336	eP	18 07	16.7	-2.5	
			pP	18 05	49.5	0.1					pP	18 07	25.7	-0.7		
			S	18 10	00.0	-2.9					eS	18 12	53.0	-3.9		
			sS	18 10	16.0	0.6					LE		$M_s=5.5$	14.0	3.90	
			LN		$M_s=5.5$	10.0	5.80				LZ		$M_s=5.3$	16.0	4.20	
			LZ		$M_s=5.1$	16.0	4.64			WMQ	36.8	352	P	18 07	26.0	0.3
QZH	29.2	50	eP	18 06	19.0	-0.1					pP	18 07	32.0	-0.9		
			sP	18 06	28.0	-1.7					sP	18 07	34.5	-1.8		
			S	18 11	10.0	1.6					S	18 13	07.5	-0.2		
			LN		$M_s=5.8$	14.0	11.9				SME			5.0	0.66	
			LZ		$M_s=5.2$	16.0	4.99				sS	18 13	18.0	-2.8		
WHN	29.9	37	+P	18 06	26.2	1.0					ScS	18 17	40.0	3.1		
			pP	18 06	34.0	1.4					LN		$M_s=5.0$	14.0	1.44	
			S	18 11	20.0	0.7					LZ		$M_s=5.2$	16.0	3.46	
			LN		$M_s=5.8$	11.0	4.70			HHC	36.8	22	eP	18 07	26.5	0.7
			LE			12.0	9.22				sP	18 07	33.5	-2.8		
			LZ		$M_s=5.4$	12.0	5.43				PP	18 08	47.0	-4.0		
XAN	29.9	25	P	18 06	24.7	-0.9					S	18 13	05.0	-2.7		
											sS	18 13	15.0	-5.9		
											LN		$M_s=5.7$	13.0	4.88	



			LE		12.0	2.81				Sg	23 34	18.5	1.1		
			LZ	$M_s = 5.5$	20.0	7.20				SMN		$M_L = 4.6$	0.8	1.85	
BJI	38.1	28	eP	18 07 37.5	1.3					SME			0.8	3.04	
			PMZ	$m_b = 5.1$	1.0	0.030	GTA	3.3	354	Pn	23 33	40.6	3.1		
			eS	18 13 32.0	4.2					Pg	23 33	48.6	5.4		
			LN	$M_s = 5.3$	11.0	1.75				Sg	23 34	32.4	4.6		
			LZ	$M_s = 5.4$	14.0	4.40				SMN		$M_L = 3.6$	0.6	0.20	
DL2	40.0	34	eP	18 07 53.0	0.8					SME			0.6	0.18	
			PMZ	$m_b = 5.7$	1.0	0.12	CD2	6.0	150	LE		$M_s = 3.5$	8.0	0.83	
			pP	18 07 59.0	-0.6					ePp	23 34	35.1	3.3		
			sP	18 08 02.5	-0.4					Sg	23 35	50.4	-3.4		
			S	18 14 00.0	4.1					SMN		$M_L = 3.7$	1.0	0.050	
			LN	$M_s = 5.6$	13.0	2.34				SME			1.0	0.060	
			LE		13.0	3.84				LN		$M_s = 4.0$	8.0	1.10	
			LZ	$M_s = 5.2$	16.0	3.00	XAN	7.4	104	Pn	23 34	34.3	-0.4		
SNY	43.1	32	-P	18 08 18.2	0.4					Pg	23 35	00.0	3.2		
			PMZ	$m_b = 4.9$	1.6	0.030				Sg	23 36	35.5	-3.0		
			pP	18 08 24.0	-1.2					SMN		$M_L = 4.2$	1.0	0.10	
			sP	18 08 27.2	-1.3					SME			1.0	0.070	
			S	18 14 40.0	-1.9		BTO	8.9	57	eP	23 34	57.0	-0.3		
			SMN			15.0				epP	23 35	00.0	-1.8		
			SME			21.0				LN		$M_s = 3.9$	11.0	0.50	
			LN	$M_s = 5.7$	14.0	2.13				LE			11.0	0.50	
			LE		15.0	4.27	TIY	9.9	77	eP	23 35	12.0	0.5		
			LZ	$M_s = 5.5$	18.0	5.04				LN		$M_s = 3.9$	11.0	0.63	
CN2	45.5	32	-P	18 08 37.0	0.2					LZ		$M_s = 4.0$	11.0	0.74	
			PMZ	$m_b = 5.5$	1.0	0.080	HHC	10.0	59	eP	23 35	12.8	-0.7		
			PMZ	$m_b = 5.8$	4.0	0.60				LN		$M_s = 3.9$	8.0	0.33	
			pP	18 08 44.0	-0.2					LE			8.0	0.31	
			PP	18 10 25.0	1.7					LZ		$M_s = 3.9$	12.0	0.70	
			S	18 15 18.0	2.0		GYA	11.1	149	P	23 35	27.2	-1.1		
			SMN			10.0	WMQ	12.3	312	P	23 35	42.5	-1.3		
			SME			10.0				S	23 38	02.0	0.8		
			LN	$M_s = 5.5$	12.0	2.20				LE		$M_s = 4.3$	10.0	0.90	
			LE		12.0	1.00	WHN	13.1	111	eP	23 35	53.5	-0.9		
			LZ	$M_s = 5.5$	15.0	4.50				LN		$M_s = 4.4$	8.0	0.55	
MDJ	48.3	34	+P	18 09 00.0	1.4					LE			8.0	0.60	
			PMZ	$m_b = 5.8$	1.5	0.21	BJI	13.1	68	eP	23 35	54.0	-1.5		
			pP	18 09 06.0	0.0					PMZ		$m_b = 4.5$	1.5	0.016	
			sP	18 09 09.0	-0.2		SNY	19.0	66	-P	23 37	09.9	-0.3		
			S	18 16 00.0	4.7		CN2	20.7	61	-P	23 37	29.5	0.2		
			LE	$M_s = 5.5$	14.0	2.82									
			LZ	$M_s = 5.4$	18.0	4.08									

APR 30d 18h 08m $30.4 \pm 0.05s$, SD1.88 / 75
 $24.86 S \pm 1.70km$, $112.36 W \pm 1.39km$, $h5 \pm 0.25km$
 Easter Island region (685)

$M_s 6.0 / 2$, $m_b 5.0 / 12$,

MDJ	126.7	308	ePKP	18 27 35.5	-0.7		
BJI	136.9	303	ePKP	18 27 52.0	-3.4		
TIY	140.0	300	ePKP	18 28 01.0	-0.2		
			LE	$M_s = 6.1$	22.0	1.94	
			LZ	$M_s = 5.8$	22.0	1.83	
XAN	143.1	294	PKP	18 28 04.0	-2.6		
GYA	144.9	281	PKP	18 28 08.8	-1.0		
LZH	147.0	298	ePKP	18 28 14.2	0.7		
CD2	147.6	289	ePKP	18 28 14.5	0.2		
GTA	149.3	306	PKP	18 28 20.4	3.2		
WMQ	155.0	324	ePKP	18 28 29.0	3.7		
KSH	163.8	336	ePKP	18 28 38.0	2.5		

APR 30d 23h 32m $45.6 \pm 0.05s$, SD2.03 / 55
 $36.16 N \pm 0.69km$, $100.22 E \pm 0.57km$, $h9 \pm 0.10km$
 Qinghai Province (325)

$M_s 3.9 / 11$, $M_L 4.0 / 11$, $m_b 4.4 / 17$

LZH	2.9	90	Pn	23 33 36.0	3.1		
			Pg	23 33 41.5	4.2		
			Sn	23 34 13.0	3.0		