



Sta.	Δ	Az	Phase	UTC	Resid	T	A	Sta.	Δ	Az	Phase	UTC	Resid	T	A
code	(deg.)	(deg.)		h min s	(s)	(s)	(μm)	code	(deg.)	(deg.)		h min s	(s)	(s)	(μm)
APR 1d 01h 59m 04.6 ± 0.06s, SD1.38 / 151 16.50 S ± 1.26km, 172.60 W ± 0.95km, h33 ± 0.19km Tonga (173) M _S 5.6 / 1, m _B 5.7 / 3, m _b 5.3 / 40															
MDJ	80.4	322	eP	02 11 14.5	-0.4			LZH	21.5	18	eP	03 57 55.0	-0.3		
			LZ		M _S =4.8	20.0	0.47				PMZ		m _B =5.8	2.0	0.79
CN2	82.4	320	+P	02 11 25.0	-0.7						PMZ		m _B =5.9	4.0	2.32
			PMZ		m _B =5.1	1.0	0.020				pP	03 57 59.0	-2.2		
			PMZ		m _B =5.8	5.0	0.50				PP	03 58 22.0	3.4		
			epP	02 11 37.5	2.2						S	04 01 52.0	4.3		
SNY	82.6	317	+P	02 11 25.4	-1.2						sS	04 01 56.0	-2.3		
			PMZ		m _B =5.8	1.8	0.20				PcP	04 01 52.0	-5.2		
			PMZ		m _B =5.7	8.0	0.70				LE		M _S =7.0	15.0	297
			pP	02 11 35.5	-0.8			XAN	21.8	31	P	03 57 55.2	-2.4		
TIA	84.5	310	eP	02 11 36.8	0.5						LE		M _S =6.5	16.0	118
BJI	86.8	313	eP	02 11 47.5	0.0			WHN	22.6	46	eP	03 58 06.0	0.6		
			PMZ		m _B =5.8	1.5	0.14				PMZ		m _B =5.2	2.0	0.20
			PMZ		m _B =5.5	8.0	0.36				PMZ		m _B =5.7	6.0	1.90
			eSKS	02 22 14.0	6.0						LE		M _S =6.7	9.0	92.1
TIY	88.5	310	+P	02 11 56.5	0.4						LZ		M _S =6.0	20.0	50.1
			LZ		M _S =5.0	22.0	0.65	QZH	23.3	63	eP	03 58 10.0	-2.7		
GYA	89.2	298	P	02 12 00.6	1.2						PMZ		m _B =6.1	3.5	2.88
			pP	02 12 08.0	-1.1						pP	03 58 17.0	-1.9		
			SKS	02 22 22.0	-1.4						LN		M _S =6.4	14.0	51.3
			S	02 22 36.0	-7.0						LE			14.0	42.2
XAN	89.9	306	P	02 12 02.9	0.5						LZ		M _S =6.3	12.0	60.2
HHC	90.3	313	eP	02 12 05.0	0.4			GTA	23.9	8	P	03 58 18.6	0.4		
BTO	91.3	312	eP	02 12 09.5	0.2						PMZ		m _B =5.3	1.0	0.11
			epP	02 12 16.0	-2.9						PMZ		m _B =5.7	6.0	1.75
			eSKS	02 22 41.0	5.1						pP	03 58 29.0	4.8		
KMI	92.2	295	+P	02 12 15.0	1.7						PP	03 58 53.0	2.1		
			PMZ		m _B =5.8	1.6	0.090				S	04 02 33.0	3.3		
CD2	93.0	301	eP	02 12 17.8	0.8						LE		M _S =6.5	12.5	77.0
LZH	94.5	306	eP	02 12 24.0	0.3						LZ		M _S =6.4	15.0	85.7
			PMZ		m _B =5.7	2.0	0.061	TIY	26.4	31	P	03 58 42.9	0.4		
			LZ		M _S =4.8	40.0	0.73				LE		M _S =6.4	12.0	54.2
GTA	98.5	309	eP	02 12 41.8	0.0						LZ		M _S =6.1	20.0	53.8
			PMZ		m _B =5.4	1.2	0.010	NJ2	26.6	48	-P	03 58 43.2	-0.8		
APR 1d 03h 53m 04.1 ± 0.04s, SD1.30 / 253 15.74 N ± 0.89km, 95.69 E ± 0.66km, h16 ± 0.15km South Burma (298) M _S 6.6 / 67, m _B 5.7 / 21, m _b 5.3 / 93															
KMI	11.5	34	eP	03 55 51.0	0.2						PMZ		m _B =5.1	1.0	0.040
			PMZ			3.0	1.30				PMZ		m _B =5.7	10.0	1.80
			pP	03 55 59.0	3.1						LN		M _S =7.0	14.0	154
			S	03 58 04.0	5.1						LE			13.0	149
			LZ		M _S =6.1	8.0	71.0				LZ		M _S =6.5	18.0	106
QZN	13.9	74	P	03 56 24.7	1.5			BTO	27.7	24	P	03 58 53.0	-1.5		
			LN		M _S =6.7	11.0	177				sP	03 58 59.0	-4.6		
			LE			13.5	216				PP	03 59 47.0	4.7		
LSA	14.5	344	P	03 56 29.0	-2.6						LN		M _S =6.7	12.0	70.0
			LE		M _S =6.4	14.0	125				LE			12.0	55.8
GYA	14.8	42	P	03 56 35.0	0.2			SSE	27.9	52	+P	03 58 52.0	-3.5		
			PP	03 56 46.0	-0.1						PMZ			16.0	1.80
			S	03 59 14.0	-4.5						sP	03 59 00.0	-4.8		
			LN		M _S =6.4	10.0	71.7				S	04 03 40.0	4.1		
			LE			10.0	76.4				sS	04 03 48.0	0.8		
			LZ		M _S =6.0	14.0	61.1				LN		M _S =6.8	12.0	89.7
CD2	16.8	25	eP	03 56 59.9	-1.0						LE			12.0	48.5
			ipP	03 57 09.0	2.9						LZ		M _S =6.3	18.0	64.5
			iS	04 00 06.2	-0.5						S	04 03 40.0	4.1		
			LE		M _S =6.4	10.0	78.1	TIA	27.9	39	+P	03 58 55.7	-0.6		
											LN		M _S =6.6	12.0	60.8
											LE			14.0	37.8
											LZ		M _S =6.3	12.0	44.2
								HHC	28.6	26	eP	03 59 00.0	-2.0		
											PMZ		m _B =5.1	1.2	0.045
											pP	03 59 07.0	-1.1		

		PP	03 59	54.0	0.8				GZH	46.9	308	-iP	05 33	53.2	2.3		
		SMN			9.0	5.20			QZN	47.9	301	-iP	05 34	00.3	2.0		
		LN		$M_S=6.6$	11.0	41.5			NJ2	48.4	322	+P	05 34	03.4	0.6		
		LE			11.0	38.4						PMZ		$m_b=6.0$	1.6	0.30	
		LZ		$M_S=6.6$	14.0	91.7						PMZ		$m_B=6.1$	6.0	1.50	
WMQ	28.8	348	+iP	03 59	04.2	0.1						pP	05 34	25.0	1.1		
		PMZ			$m_b=5.2$	1.5	0.078					sP	05 34	36.0	1.5		
		LN			$M_S=6.4$	12.0	36.3					LZ		$M_S=4.8$	24.0	1.30	
		LE				12.0	24.2		WHN	50.4	317	+P	05 34	19.0	1.2		
		LZ			$M_S=6.2$	15.0	41.0					PMZ		$m_b=6.1$	1.5	0.40	
KSH	29.3	328	eP	03 59	06.0	-2.8						PMZ		$m_B=6.2$	5.0	1.50	
		S		04 04	02.0	2.5						pP	05 34	41.0	1.9		
BJI	30.1	32	eP	03 59	14.5	-1.0			DL2	51.9	330	-P	05 34	30.0	1.1		
		PMZ			$m_b=5.5$	2.0	0.16					PMZ		$m_b=6.2$	1.2	0.40	
		eS		04 04	12.0	-0.4						LZ		$M_S=4.9$	34.0	2.10	
		LE			$M_S=6.6$	18.0	97.0		TIA	52.3	324	+P	05 34	31.5	-1.0		
DL2	32.4	40	eP	03 59	36.8	0.9						PMZ		$m_b=6.1$	1.8	0.40	
		PMZ			$m_b=5.4$	1.0	0.065		MDJ	53.2	340	eP	05 34	37.2	-2.0		
		LN			$M_S=6.5$	11.0	35.1					PMZ		$m_b=5.6$	1.5	0.12	
		LE				11.0	22.3					PMZ		$m_B=6.0$	4.0	0.82	
		LZ			$M_S=6.1$	14.0	26.1					LN		$M_S=6.3$	12.0	9.07	
SNY	35.4	37	+P	04 00	01.4	-0.3						LE			12.0	6.50	
		PMZ				14.0	0.90					LZ		$M_S=5.8$	12.0	4.98	
		PP		04 01	22.0	1.1			SNY	53.2	334	eP	05 34	35.4	-3.7		
		sS		04 05	44.5	-1.2						PMZ		$m_b=5.4$	1.2	0.058	
		LN			$M_S=6.6$	13.0	43.4					pP	05 35	00.0	-0.6		
		LE				13.0	32.3					LZ		$M_S=5.2$	20.0	2.00	
		LZ			$M_S=6.5$	16.0	65.3		GYA	53.9	308	+P	05 34	44.6	0.8		
CN2	37.7	36	+P	04 00	21.2	0.0						PMZ		$m_b=6.2$	1.8	0.50	
		PMZ			$m_b=5.2$	1.0	0.040					PMZ		$m_B=6.2$	4.0	1.10	
		PMZ			$m_B=5.8$	4.0	0.70		CN2	54.1	336	+P	05 34	43.6	-1.6		
		epP		04 00	30.0	2.4						PMZ		$m_b=5.6$	1.3	0.10	
		PP		04 01	50.0	0.5						PMZ		$m_B=5.9$	5.0	0.70	
		eS		04 06	09.0	-1.6						epP	05 35	05.0	-1.8		
		eSS		04 08	45.0	0.7						LN		$M_S=6.0$	12.0	5.70	
		LN			$M_S=6.6$	12.0	30.0					LE			12.0	1.70	
		LE				12.0	26.0					LZ		$M_S=6.1$	15.0	13.0	
		LZ			$M_S=6.7$	15.0	84.0		BJI	55.6	327	eP	05 34	54.5	-1.5		
MDJ	40.6	38	eP	04 00	46.0	0.8						PMZ		$m_b=6.1$	2.0	0.44	
		PMZ			$m_B=5.5$	12.0	0.90					PMZ		$m_B=6.0$	5.0	0.92	
		SS		04 09	44.0	-4.1						pP	05 35	18.0	0.3		
		LN			$M_S=6.6$	13.0	31.4					LZ		$M_S=5.1$	26.0	2.11	
		LE				13.0	28.5		TIY	56.1	322	+P	05 34	59.5	-0.8		
		LZ			$M_S=6.5$	12.0	36.2					PMZ		$m_b=5.8$	1.5	0.17	
												LZ		$M_S=5.0$	40.0	2.40	
<p>APR 1d 04h 33m $30.5 \pm 0.07s$, SD3.46 / 8 $49.06 N \pm 0.59km$, $122.77 E \pm 0.62km$, $h9 \pm 0.05km$ North-Eastern China (658) $M_L 3.3 / 8$,</p>									XAN	56.2	317	P	05 34	59.0	-1.5		
CN2	5.6	160	Pg	04 35	09.6	0.6			KMI	56.4	304	+P	05 35	03.0	0.5		
		eSg		04 36	26.3	1.2						PMZ		$m_b=6.1$	2.0	0.52	
		SMN			$M_L=3.2$	0.5	0.018		CD2	58.2	311	+iP	05 35	14.4	-0.6		
		SME				0.5	0.023					PMZ		$m_b=6.2$	1.0	0.30	
<p>APR 1d 05h 25m $27.0 \pm 0.03s$, SD1.07 / 380 $4.89 S \pm 0.71km$, $152.05 E \pm 0.81km$, $h89 \pm 0.16km$ New Britain region (192) $M_S 6.0 / 12$, $m_B 6.1 / 16$, $m_b 5.9 / 94$</p>									HHC	58.7	325	eP	05 35	17.3	-0.9		
QZH	44.0	314	+iP	05 33	29.0	1.2						PMZ		$m_b=6.0$	1.3	0.27	
		PMZ			$m_b=6.2$	0.8	0.28		BTO	59.4	324	+iP	05 35	23.0	-0.3		
		LN			$M_S=6.2$	12.0	12.9					pP	05 35	44.5	-0.6		
		LZ			$M_S=5.9$	14.0	10.9		LZH	60.8	316	+iP	05 35	32.5	-0.1		
SSE	46.4	323	+iP	05 33	45.0	-1.4						PMZ		$m_b=6.2$	2.0	0.61	
		PMZ			$m_b=6.0$	1.5	0.33					PMZ		$m_B=6.1$	4.0	1.05	
		PMZ			$m_B=6.3$	4.0	1.70					pP	05 35	55.0	0.6		
		PcP		05 35	19.5	-0.5						sP	05 36	03.0	-1.7		
		LE			$M_S=5.0$	12.0	0.80		GTA	65.2	318	+iP	05 36	01.8	-0.1		
		LZ			$M_S=4.7$	20.0	0.90					LE		$M_S=5.1$	10.0	0.43	
												LZ		$M_S=5.0$	16.0	0.97	
												PMZ		$m_b=5.7$	1.0	0.12	
									LSA	67.7	305	+P	05 36	18.6	0.8		
									WMQ	75.3	318	+iP	05 37	02.7	-0.2		
												PMZ		$m_B=6.1$	5.0	1.22	
												sP	05 36	33.0	-1.2		



		PPMZ		$m_B=6.4$	8.0	1.60				LE	$M_S=6.5$	18.9	4.66
		PKS	03 45	59.0	5.6					LZ	$M_S=6.4$	26.0	7.53
		LN		$M_S=6.5$	20.0	2.80	HHC	144.5	349	+PKP	15 42 55.0	-1.4	
		LE				3.90				PP	15 46 12.0	-2.8	
		LZ		$M_S=6.2$	21.0	4.20				PPMZ		16.0	2.30
NJ2	137.9	338	-PKP	03 42 20.8	0.7					LN	$M_S=6.6$	23.0	5.90
			sPKP	03 42 32.0	-1.0					LE		18.0	3.70
			PP	03 45 16.0	5.2					LZ	$M_S=6.7$	23.0	12.7
			PKS	03 45 55.0	1.5		BTO	145.0	351	+iPKP	15 42 57.0	-0.3	
			LN	$M_S=6.2$	15.0	1.20				pPKP	15 43 09.0	6.6	
			LE			1.20				PP	15 46 13.0	-4.9	
			LZ	$M_S=5.7$	20.0	1.20				LN	$M_S=6.8$	21.0	7.40
WHN	140.8	343	ePKP	03 42 26.0	0.7					LE		21.0	5.00
			sPKP	03 42 40.0	1.8		GTA	146.6	4	+iPKP	15 43 01.2	1.0	
			PP	03 45 30.0	1.9					PKP2	15 43 05.0	1.5	
			PPMZ	$m_B=6.5$	6.0	1.50				PP	15 46 24.0	-3.9	
			LN	$M_S=6.4$	22.0	4.10				PPMZ	$m_B=6.3$	12.0	2.18
			LZ	$M_S=5.9$	22.0	2.20				SKS	15 50 04.0	0.4	
LSA	142.0	15	ePKP	03 42 24.5	-3.5					SKKS	15 53 12.0	-2.5	
			LZ	$M_S=6.3$	13.0	3.56				LN	$M_S=6.7$	18.0	7.10
CD2	142.2	357	ePKP	03 42 24.9	-3.0					LZ	$M_S=6.7$	23.0	12.6
			sPKP	03 42 40.0	-0.7					+PKP	15 43 01.7	0.7	
			PP	03 45 33.8	-3.1		TIA	147.2	338	LN	$M_S=6.5$	18.0	2.90
			eSKKS	03 52 18.5	-4.4					LE		18.0	3.20
			LE	$M_S=6.3$	21.0	3.40				LZ	$M_S=6.5$	22.0	7.00
			LZ	$M_S=5.9$	30.0	2.80	TIY	147.3	346	+PKP	15 43 02.0	0.8	
QZH	144.3	333	-PKP	03 42 30.0	-1.3					PP	15 46 27.5	-4.2	
			pPKP	03 42 42.0	1.5					PPMZ		16.0	2.35
			LZ	$M_S=6.1$	24.0	3.30				SKS	15 50 04.5	0.0	
GYA	146.4	352	+iPKP	03 42 36.0	0.8					SS	16 05 26.0	-3.6	
			sPKP	03 42 48.0	0.2					LN	$M_S=6.7$	24.0	8.60
			PKS	03 46 14.0	6.4					LZ	$M_S=6.5$	24.0	8.10
			LN	$M_S=6.2$	20.0	1.40	SSE	149.7	328	PKP	15 43 05.0	0.0	
			LE			1.60				PKP2	15 43 10.5	-5.3	
			LZ	$M_S=5.8$	32.0	2.50				PP	15 46 40.0	-5.3	
KMI	148.0	359	+PKP	03 42 39.0	1.1					PPMZ		16.0	3.70
			PKS	03 46 15.0	5.0					ePKS	15 46 36.0	-1.1	
			PPMZ	$m_B=6.3$	7.0	1.50				LN	$M_S=6.5$	18.0	2.10
			SS	04 05 16.0	4.5					LE		18.0	3.60
			LZ	$M_S=6.1$	24.0	3.50				LZ	$M_S=6.5$	20.0	7.40
GZH	148.0	340	iPKP	03 42 39.0	1.3		LZH	150.1	358	+PKP	15 43 07.0	1.3	
			PP	03 46 12.0	0.3					PKP2	15 43 12.5	-4.8	
			LZ	$M_S=6.0$	30.0	3.10				PP	15 46 42.0	-5.4	
QZN	152.9	343	+PKP	03 42 47.0	1.8					PPMZ	$m_B=6.2$	6.0	1.07
			sPKP	03 43 00.0	2.0					SKS	15 50 10.0	1.7	
			LE	$M_S=6.7$	28.0	9.80				LZ	$M_S=6.5$	25.0	7.78
<p>APR 4d 15h 10m $08.0 \pm 0.04s$, $SD1.58 / 60$ $55.70 S \pm 1.59km$, $124.33 W \pm 1.04km$, $h9 \pm 0.10km$ Easter Island Cordillera (684) $m_B 5.2 / 6$,</p>							NJ2	150.1	332	-PKP	15 43 05.0	-0.6	
CN2	135.3	285	ePKP	15 29 32.8	3.3					pPKP	15 43 11.2	0.3	
LSA	143.8	239	ePKP	15 29 46.2	0.9					PP	15 46 46.0	-1.7	
GTA	146.7	259	-PKP	15 29 51.0	1.1					PPMZ	$m_B=6.2$	10.0	1.80
			PKP2	15 29 54.0	0.6					SS	16 05 55.0	-5.6	
<p>APR 4d 15h 23m $20.1 \pm 0.03s$, $SD1.21 / 405$ $6.02 S \pm 0.70km$, $77.12 W \pm 0.95km$, $h19 \pm 0.12km$ Northern Peru (111) $M_S 6.6 / 37$, $m_B 6.2 / 15$, $m_B 5.9 / 76$</p>							XAN	151.6	349	PKP	15 43 08.3	0.4	
KSH	138.7	32	ePKP	15 42 47.6	1.2					LN	$M_S=6.9$	21.0	10.8
			LE	$M_S=6.9$	18.0	12.2				LE		21.0	2.20
DL2	143.1	335	PKP	15 42 50.0	-3.9		WHN	153.3	338	+ePKP	15 43 12.0	1.7	
			LN	$M_S=6.7$	20.0	6.20				pPKP	15 43 19.0	3.4	
			LE			4.80				PKP2	15 43 32.0	1.0	
			LZ	$M_S=6.2$	24.0	4.30				PP	15 47 01.0	-5.0	
BJI	144.1	342	ePKP	15 42 53.5	-2.1		LSA	154.0	24	+PKP	15 43 12.7	1.0	
			PPMZ			1.74				PKP2	15 43 31.0	-2.7	
										PP	15 47 07.0	-2.9	



GTA	146.6	4	LN	$M_s=7.5$	21.0	36.1	GYA	159.3	351	LZ	$M_s=7.2$	26.0	47.2		
			LE		21.0	31.4				PKP	04 39 47.0	-0.3			
			+iPKP	04 39 30.0	0.9					PKP2	04 40 23.0	-2.5			
			PKP2	04 39 34.0	1.8					PP	04 44 03.0	-4.5			
			PP	04 42 53.0	-3.4					LN	$M_s=7.5$	20.0	41.4		
			PPMZ			20.0				8.11	LE		20.0	17.6	
			PKS	04 43 04.0	2.6					LZ	$M_s=7.0$	30.0	34.1		
			SKS	04 46 34.0	1.3					GZH	160.2	331	+iPKP	04 39 50.0	1.9
TIA	147.2	339	SKKS	04 49 38.0	-5.2		PKP2	04 40 28.0	-1.5						
			LN	$M_s=7.5$	19.0	41.8	PPMZ	$m_B=6.5$	12.0	4.70					
			LZ	$M_s=7.2$	25.0	45.7	LN	$M_s=7.3$	20.0	27.8					
			PKP	04 39 30.1	0.1		LE		18.0	9.30					
			PPMZ	$m_B=6.8$	7.5	4.40	LZ	$M_s=7.3$	20.0	39.9					
			SS	05 02 00.0	2.2		KMI	160.9	1	+PKP	04 39 50.0	1.0			
			LN	$M_s=7.1$	17.0	14.1	PKP2	04 40 30.0	-2.4						
			LE		17.0	8.60	PP	04 44 15.0	-1.5						
TIY	147.2	346	LZ	$M_s=7.2$	23.0	37.6	PPMZ	$m_B=6.8$	7.0	5.40					
			+PKP	04 39 30.8	0.7		LZ	$M_s=7.2$	28.0	49.9					
			PPMZ			20.0	7.26	QZN	165.4	333	PKP	04 39 55.0	1.8		
			SS	05 01 58.0	-0.2		LN	$M_s=7.2$	20.5	17.2					
			LN	$M_s=7.6$	25.0	67.9	LE		20.5	21.7					
			LZ	$M_s=7.3$	25.0	58.3	APR 5d 05h 01m $10.1 \pm 0.03s$, SD1.22 / 193 $5.74 S \pm 0.88km$, $77.33 W \pm 0.97km$, $h23 \pm 0.10km$ Northern Peru (111) $m_B 5.4 / 56$,								
			+PKP	04 39 35.0	1.1		WMQ	139.9	17	-iPKP	05 20 38.8	1.0			
			PPMZ			23.0	12.1	BJI	143.8	342	ePKP	05 20 43.0	-1.4		
SSE	149.7	328	LN	$M_s=7.2$	19.0	16.3	HHC	144.1	348	ePKP	05 20 44.0	-1.3			
			LE		19.0	16.8	BTO	144.7	350	PKP	05 20 45.0	-1.3			
			LZ	$M_s=7.3$	20.0	41.8	GTA	146.4	4	+PKP	05 20 50.0	0.8			
			PKP	04 39 35.8	1.2		TIY	147.0	346	ePKP	05 20 51.0	0.9			
			pPKP	04 39 41.0	1.7		SSE	149.4	328	PKP	05 20 58.5	4.6			
			PP	04 43 12.0	-4.0		NJ2	149.8	332	ePKP	05 20 55.5	1.0			
			PPMZ	$m_B=6.7$	9.0	4.85	PKP2	05 21 06.6	1.1						
			SKS	04 46 40.0	2.6		LZH	149.8	358	ePKP	05 20 56.5	1.7			
NJ2	150.1	332	SKKS	04 49 56.0	-5.6		XAN	151.3	349	PKP	05 20 57.5	0.6			
			LN	$M_s=7.4$	23.0	43.0	WHN	153.0	337	ePKP	05 21 00.0	0.7			
			LZ	$M_s=7.4$	28.0	69.4	pPKP	05 21 06.7	1.0						
			+PKP	04 39 35.0	0.5		GYA	159.0	350	PKP	05 21 09.0	1.6			
			pPKP	04 39 39.5	0.0		APR 5d 09h 15m $28.5 \pm 0.04s$, SD1.07 / 107 $29.16 N \pm 0.71km$, $51.39 E \pm 0.43km$, $h39 \pm 0.14km$ Persian Gulf (352) $M_s 5.0 / 7$, $m_B 5.1 / 41$,								
			PP	04 43 22.0	5.5		WMQ	32.4	53	P	09 21 57.5	0.5			
			LN	$M_s=7.3$	23.0	31.1	LSA	34.5	79	-P	09 22 15.8	-0.2			
			LE		22.0	12.4	GTA	40.9	62	+iP	09 23 10.4	1.4			
XAN	151.5	350	LZ	$M_s=6.9$	26.0	22.7	PMZ	$m_B=5.6$	1.0	0.10					
			PKP	04 39 37.5	0.7		pP	09 23 15.4	-3.8						
			PKP2	04 39 56.0	3.7		PcP	09 25 04.2	-4.7						
			PP	04 43 24.0	-0.4		ScP	09 28 58.2	4.3						
			LN	$M_s=7.5$	20.0	51.2	S	09 29 23.2	6.7						
			LE		20.0	9.70	SS	09 32 18.0	3.3						
			+iPKP	04 39 40.5	1.3		LE	$M_s=5.0$	14.0	1.00					
			pPKP	04 39 47.5	3.4		LZ	$M_s=4.9$	14.0	1.20					
WHN	153.3	338	PKP2	04 39 57.0	-2.8		LZH	44.3	67	+iP	09 23 37.5	0.7			
			PPMZ	$m_B=6.5$	9.0	3.70	PMZ	$m_B=5.3$	2.0	0.086					
			SS	05 03 00.0	-4.8		sP	09 23 49.5	-1.9						
			LN	$M_s=7.4$	21.0	27.6	LE	$M_s=4.8$	14.0	0.62					
			LE		20.0	29.9	LZ	$M_s=4.6$	20.0	0.73					
			LZ	$M_s=7.0$	26.0	24.3	CD2	45.0	74	eP	09 23 42.4	-0.3			
			iPKP	04 39 42.0	1.4		BTO	48.6	60	P	09 24 12.0	0.9			
			PKP2	04 40 02.0	-0.3		XAN	48.7	69	P	09 24 11.0	-0.6			
LSA	153.9	24	SKKS	04 50 21.0	-2.0		HHC	49.8	60	eP	09 24 20.8	0.9			
			LN	$M_s=7.2$	18.0	13.4	TIY	50.9	63	eP	09 24 28.2	0.0			
			LE		18.0	14.9	S			09 31 38.0	-1.3				
			LZ	$M_s=7.2$	18.5	28.5									
			iPKP	04 39 42.0	1.4										
			PKP2	04 40 02.0	-0.3										
			SKKS	04 50 21.0	-2.0										
			LN	$M_s=7.2$	18.0	13.4									
CD2	155.2	358	LE		18.0	14.9									
			LZ	$M_s=7.2$	18.5	28.5									
			PKP	04 39 43.4	1.6										
			PPMZ			21.0	7.78								
			SS	05 03 27.0	1.6										
			LE	$M_s=7.5$	20.0	44.4									
			LZ	$M_s=7.2$	30.0	53.2									
			+PKP	04 39 44.0	1.3										
QZH	155.9	323	PP	04 43 44.0	-5.3										
			LN	$M_s=7.3$	19.0	25.1									

LSA	160.2	37	PP	16 14 59.0	-5.1	21.0	1.80
			LN	$M_s = 6.1$			
			PKP	16 10 44.0	1.6		
			PKP2	16 11 20.0	-3.3		
			SKKS	16 21 46.0	-1.5		
WHN	161.4	333	LZ	$M_s = 6.4$		16.0	4.00
			ePKP	16 10 45.5	2.4		
			pPKP	16 10 58.0	1.5		
			PKP2	16 11 26.0	-2.4		
			PP	16 15 10.0	-3.0		
QZH	163.0	311	PPMZ	$m_B = 5.7$		9.0	0.60
			SKKS	16 21 52.0	-2.4		
			SS	16 35 18.0	-3.5		
			LN	$M_s = 6.3$			
			LZ	$M_s = 6.0$			
CD2	163.3	2	ePKP	16 10 46.0	1.3	44.0	4.70
			ePP	16 15 18.0	-3.0		
			ePKP	16 10 46.5	1.4		
			PP	16 15 20.5	-2.4		
			eSKKS	16 22 05.0	1.0		
GYA	167.6	351	LZ	$M_s = 6.0$		23.0	3.00
			PKP	16 10 51.0	2.2		
			pPKP	16 11 04.0	1.9		
			PKP2	16 11 54.0	-1.6		
			PP	16 15 42.0	-3.1		
GZH	167.8	318	SKKS	16 22 26.0	0.5	23.0	1.50
			SS	16 36 25.0	-0.8		
			LN	$M_s = 6.3$			
			LE				
			LZ	$M_s = 5.7$			
KMI	169.0	8	ePKP	16 10 52.0	3.2	38.0	2.30
			ePP	16 15 46.0	-0.2		
			SS	16 36 34.0	6.1		
			LZ	$M_s = 6.0$			
			ePKP	16 10 52.0	2.2		
QZN	173.0	314	sPKP	16 11 08.0	-0.3	36.0	3.60
			PKP2	16 12 03.0	1.6		
			PP	16 15 49.0	-2.8		
			PPMZ	$m_B = 5.8$			
			SKKS	16 22 30.0	-2.2		
			LZ	$M_s = 6.2$		24.0	4.20
			ePKP	16 10 52.0	0.1		
			PP	16 16 14.0	2.0		
			LN	$M_s = 6.3$			

LZH	137.6	268	ePP	18 56 48.0	5.4	25.0	1.55			
			LZ	$M_s = 5.6$						
			PKP	18 54 17.5	-0.5					
			sPKP	18 54 24.0	2.8					
			PP	18 57 08.0	1.3					
LSA	140.1	249	SS	19 15 16.0	3.7	40.0	1.17			
			LZ	$M_s = 5.3$						
			ePKP	18 54 20.4	-2.6					
			GTA	142.2	268			ePKP	18 54 21.6	-4.6
			sPKP	18 54 26.0	-3.4					
WMQ	152.0	264	SS	19 16 12.0	5.9	23.0	0.94			
			LZ	$M_s = 5.5$						
			PKP	18 54 45.0	2.7					

APR 5d 20h 29m 46.8 ± 0.04s, SD1.12 / 62
 1.82 S ± 0.53km, 138.82 E ± 1.06km, h33 ± 0.07km
 West Irian (201)
 $m_b 4.8 / 19,$

SSE	36.8	334	P	20 36 54.0	0.5	1.0	0.012
			PMZ	$m_b = 4.7$			
NJ2	38.6	332	+P	20 37 10.0	0.9		
XAN	45.4	324	P	20 38 04.5	-0.1		
BJI	46.5	336	eP	20 38 13.0	-0.3		
CD2	46.6	317	PMZ	$m_b = 5.0$		1.2	0.024
			eP	20 38 14.7	0.7		
CN2	47.0	347	P	20 38 16.8	0.0		
LZH	49.8	323	P	20 38 40.0	0.7		
GTA	54.4	323	PMZ	$m_b = 5.0$		1.5	0.034
			pP	20 38 49.5	0.9		
			sP	20 38 55.5	2.9		
LSA	55.2	308	-P	20 39 13.8	0.1		
			PMZ	$m_b = 4.8$		0.8	0.010
WMQ	64.4	321	-iP	20 40 22.5	0.2		

APR 6d 04h 48m 47.6 ± 0.03s, SD1.02 / 240
 24.16 S ± 0.62km, 179.97 E ± 0.77km, h557 ± 0.23km
 South of Fiji (171)
 $m_b 5.4 / 62,$

QZH	76.9	305	eP	04 59 43.5	-1.2		
SSE	78.6	312	-P	04 59 53.8	-0.2		
QZN	80.7	296	PMZ	$m_b = 5.2$		1.0	0.10
			eS	05 09 06.0	-0.6		
QZN	80.7	296	P	05 00 05.3	0.6		
			eS	05 09 26.0	-1.5		
NJ2	80.8	311	-P	05 00 05.6	0.3		
			PMZ	$m_b = 5.2$		1.0	0.10
MDJ	82.5	326	PP	05 03 16.0	-4.9		
			S	05 09 31.0	4.0		
WHN	83.1	308	-P	05 00 14.0	0.3		
			-P	05 00 18.0	0.9		
SNY	83.8	321	PMZ	$m_b = 5.4$		0.8	0.10
			S	05 09 54.0	4.0		
CN2	84.1	324	+P	05 00 20.2	-0.3		
			-P	05 00 21.5	-0.2		
TIA	84.4	314	PMZ	$m_b = 5.6$		1.0	0.20
			pP	05 02 20.0	-1.3		
TIA	84.4	314	S	05 10 02.0	3.0		
			-P	05 00 23.7	0.4		
GYA	86.9	301	ScS	05 10 07.0	-2.1		
			P	05 00 35.8	0.6		
BJI	87.2	316	eP	05 00 37.5	0.8		
			PMZ	$m_b = 5.1$		2.0	0.072
TIY	88.3	313	epP	05 02 32.0	-5.2		
			eS	05 10 35.0	5.1		
TIY	88.3	313	-P	05 00 43.0	0.8		
			pP	05 02 43.5	0.6		
			SKS	05 10 20.0	3.3		

APR 5d 17h 13m 57.1 ± 0.10s, SD1.59 / 128
 6.07 S ± 0.70km, 77.00 W ± 0.80km, h40 ± 0.84km
 Northern Peru (111)
 $m_b 5.2 / 21,$

WMQ	140.1	17	ePKP	17 33 23.0	0.5
BJI	144.2	343	ePKP	17 33 29.0	-0.5
HHC	144.5	349	ePKP	17 33 30.0	-0.3
BTO	145.0	351	PKP	17 33 31.0	-0.2
GTA	146.7	4	PKP	17 33 35.6	1.6
TIA	147.3	339	ePKP	17 33 36.1	1.2
TIY	147.4	346	-iPKP	17 33 38.8	3.7
SSE	149.8	328	+PKP	17 33 41.5	2.6
LZH	150.1	359	+iPKP	17 33 41.0	1.4
NJ2	150.2	332	+PKP	17 33 41.4	1.9
XAN	151.6	350	PKP	17 33 43.5	1.8
LSA	154.0	24	-PKP	17 33 47.2	1.7
CD2	155.3	358	ePKP	17 33 49.4	2.7

APR 5d 18h 34m 52.3 ± 0.04s, SD1.66 / 53
 54.56 S ± 1.34km, 132.51 W ± 0.99km, h10 ± 0.03km
 South Pacific Cordillera (691)
 $M_s 5.9 / 1, m_b 5.1 / 7,$

TIY	133.7	276	ePKP	18 54 13.6	2.8
-----	-------	-----	------	------------	-----

KMI	89.4	298	+P	05 00	49.0	1.9		
			PMZ		$m_b=5.3$		1.5	0.070
CD2	91.2	303	+iP	05 00	56.8	1.5		
			PMZ		$m_b=5.5$		1.2	0.060
			SKS	05 10	35.5	2.2		
			eS	05 11	07.6	2.0		
LZH	93.5	308	eP	05 01	06.7	0.6		
			PMZ		$m_b=5.1$		1.5	0.028
GTA	97.8	310	eP	05 01	25.2	-0.4		
			PMZ		$m_b=5.1$		0.8	0.010
			pP	05 03	26.6	-0.7		
			sP	05 04	21.6	0.0		
			SKS	05 11	09.4	0.2		

APR 6d 06h 14m $23.1 \pm 0.03s$, SD1.21 / 74
 6.04 S $\pm 0.46km$, 147.64 E $\pm 0.76km$, h78 $\pm 0.14km$
 Eastern New Guinea region (207)
 $m_b 5.2 / 17$,

SSE	44.8	327	+P	06 22	32.7	1.7		
			PMZ		$m_b=4.7$		0.7	0.0080
			pP	06 22	47.7	-2.0		
LZH	58.7	319	eP	06 24	15.0	-0.4		
			PMZ		$m_b=4.8$		1.5	0.020
GTA	63.2	320	eP	06 24	47.3	1.3		
			PMZ		$m_b=4.7$		1.0	0.010

APR 6d 14h 21m $46.5 \pm 0.14s$, SD1.53 / 101
 6.02 S $\pm 0.65km$, 76.99 W $\pm 0.30km$, h31 $\pm 1.24km$
 Northern Peru (111)
 $m_b 5.1 / 27$,

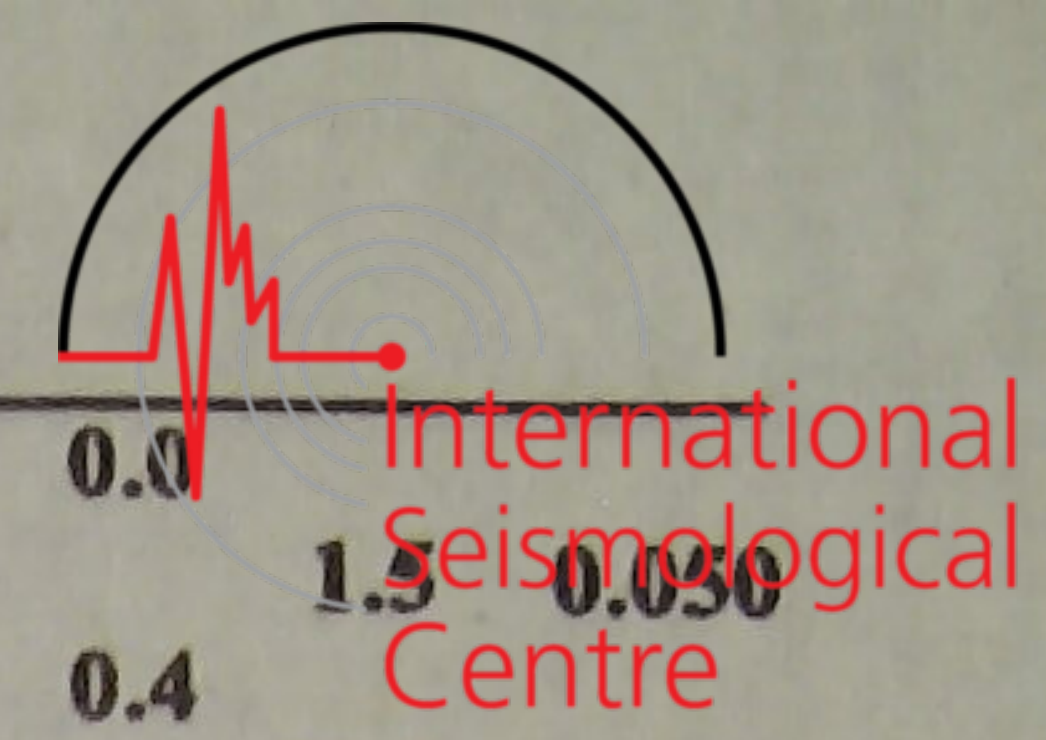
WMQ	140.0	17	ePKP	14 41	14.4	1.2		
BJI	144.1	343	ePKP	14 41	18.0	-2.2		
HHC	144.5	349	ePKP	14 41	19.7	-1.3		
BTO	145.0	351	PKP	14 41	21.8	-0.1		
GTA	146.6	4	ePKP	14 41	25.8	1.0		
			pPKP	14 41	35.0	1.5		
TIA	147.3	339	ePKP	14 41	26.4	0.7		
TIY	147.3	346	+PKP	14 41	27.7	1.9		
SSE	149.8	328	PKP	14 41	30.0	0.4		
NJ2	150.2	332	+PKP	14 41	34.5	4.2		
XAN	151.6	350	PKP	14 41	35.4	2.9		
LSA	153.9	24	ePKP	14 41	37.0	0.8		

APR 6d 14h 34m $20.5 \pm 0.06s$, SD1.34 / 281
 14.95 S $\pm 1.26km$, 175.50 W $\pm 0.92km$, h16 $\pm 0.14km$
 Fiji region (181)
 $M_s 6.7 / 54$, $m_b 6.2 / 32$, $m_b 5.7 / 63$

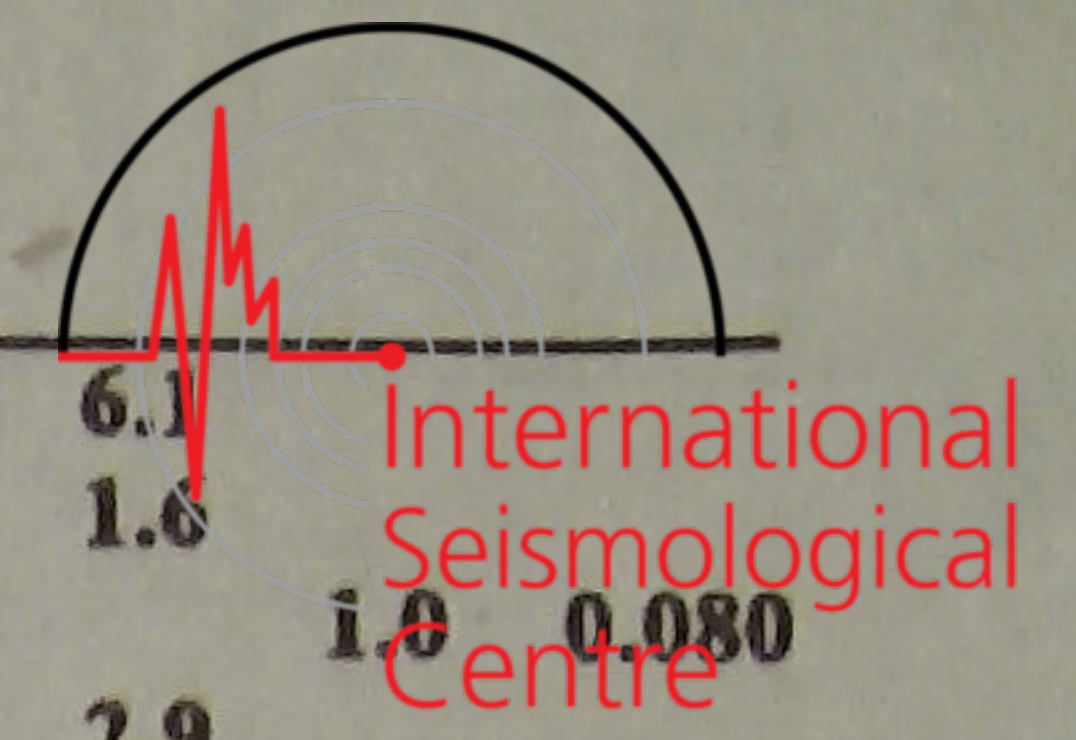
QZH	75.5	301	eP	14 46	06.0	-0.5		
			PMZ		$m_b=6.4$		5.0	2.21
			LN		$M_s=6.4$		18.0	8.70
			LE				18.0	6.20
			LZ		$M_s=6.7$		32.0	60.0
SSE	76.1	308	+P	14 46	09.0	-0.9		
			PMZ		$m_b=5.4$		1.6	0.075
			PcP	14 46	20.0	-1.5		
			PP	14 49	06.0	4.6		
			S	14 55	56.0	5.5		
			LN		$M_s=6.8$		24.0	19.7
			LE				21.0	26.1
			LZ		$M_s=6.6$		24.0	38.5
MDJ	77.4	323	+P	14 46	17.0	-0.6		
			pP	14 46	25.0	0.9		
			sP	14 46	30.0	3.0		
			PP	14 49	14.0	1.3		
			S	14 56	10.0	4.7		
			LN		$M_s=7.3$		22.0	46.6
			LE				22.0	75.5
			LZ		$M_s=7.0$		24.0	86.7

NJ2	78.3	308	+P	14 46	23.0	0.8		
			PMZ		$m_b=6.2$			
			pP	14 46	28.0	-0.7		
			sP	14 46	33.0	1.3		
			PP	14 49	23.0	2.8		
			S	14 56	15.0	0.6		
			SKS	14 56	30.0	0.2		
			LN		$M_s=6.7$		19.0	18.6
			LE				19.0	13.6
			LZ		$M_s=6.4$		28.0	28.7
GZH	79.2	297	P	14 46	27.5	0.3		
			S	14 56	30.0	6.0		
			SS	15 01	28.0	-5.2		
			LN		$M_s=6.6$		14.0	3.40
			LE				19.0	14.5
			LZ		$M_s=6.4$		33.0	29.2
DL2	79.4	315	+P	14 46	29.0	0.5		
			LN		$M_s=6.7$		16.0	18.6
			LE				14.0	4.00
			LZ		$M_s=6.4$		24.0	20.9
CN2	79.5	321	+P	14 46	28.0	-0.6		
			PMZ		$m_b=5.8$		1.8	0.20
			PMZ		$m_b=6.4$		6.0	2.40
			pP	14 46	36.0	0.9		
			eS	14 56	23.0	-5.3		
			LN		$M_s=6.7$		18.0	18.0
			LE				18.0	12.0
			LZ		$M_s=7.0$		25.0	96.0
SNY	79.6	318	+P	14 46	28.8	-0.5		
			PMZ		$m_b=5.9$		2.0	0.30
			PMZ		$m_b=6.4$		5.0	2.40
			pP	14 46	35.0	-0.8		
			PcP	14 46	37.5	0.9		
			SKS	14 56	35.0	-4.1		
			LN		$M_s=6.5$		16.0	5.70
			LE				16.0	9.80
			LZ		$M_s=6.5$		22.0	26.5
QZN	80.9	292	P	14 46	40.0	3.8		
			LN		$M_s=6.8$		26.0	35.3
			LE				21.0	9.30
WHN	81.2	305	+P	14 46	38.5	0.7		
			PMZ		$m_b=6.2$		6.0	1.50
			pP	14 46	48.0	3.8		
			LN		$M_s=6.7$		18.0	11.3
			LE				20.0	17.0
			LZ		$M_s=6.3$		40.0	26.6
TIA	81.4	311	eP	14 46	38.8	-0.1		
			sP	14 46	52.0	3.7		
			LN		$M_s=6.7$		18.0	9.40
			LE				18.0	16.2
			LZ		$M_s=6.5$		26.0	31.1
BJI	83.7	314	eP	14 46	50.0	-0.8		
			PMZ		$m_b=5.5$		1.5	0.078
			PMZ		$m_b=6.4$		6.0	2.10
			eS	14 57	16.0	4.0		
			LE		$M_s=6.6$		18.0	14.9
			LZ		$M_s=6.7$		24.0	37.5
TIY	85.4	311	eP	14 47	00.5	0.9		
			pP	14 47	09.5	3.5		
			SKS	14 57	26.0	6.6		
			LE		$M_s=7.0$		19.0	39.0
			LZ		$M_s=6.7$		26.0	41.3
GYA	86.0	299	P	14 47	03.2	0.5		
			PMZ		$m_b=6.4$		6.0	2.20
			SKS	14 57	30.0	6.4		
			LN		$M_s=6.7$		21.0	14.4
			LE				21.0	10.5
			LZ		$M_s=6.2$		40.0	21.2

		S	19 06	37.0	1.2					PMZ	$m_b = 5.9$	1.5	0.23
		LN		$M_s = 5.4$	13.0	3.20				PMZ	$m_B = 5.7$	7.0	0.97
		LE			13.0	2.50				esP	19 03	50.0	4.7
		LZ		$M_s = 5.1$	32.0	7.20				eS	19 10	04.0	-4.4
SSE	35.1 346	-P	19 02	11.5	-0.8					esS	19 10	26.0	3.3
		PMZ		$m_b = 5.0$	0.8	0.020				eSS	19 13	19.0	-2.2
		sP	19 02	29.2	4.7					LN		$M_s = 5.1$	12.0 1.02
		PcP	19 04	45.0	1.7					LZ		$M_s = 5.0$	24.0 2.16
		S	19 07	42.0	0.4			SNY	45.1 353	-P	19 03	34.0	-1.2
		LN		$M_s = 5.2$	14.0	1.40				PMZ		$m_b = 5.7$	0.8 0.10
		LE			14.0	1.50				S	19 10	07.0	-4.3
		LZ		$M_s = 5.1$	20.0	3.20				SMN			11.0 1.20
NJ2	36.6 343	+P	19 02	25.0	-0.2					SME			13.0 1.50
		PMZ		$m_b = 5.4$	1.4	0.10				LN		$M_s = 5.6$	18.0 3.90
		PMZ		$m_B = 5.5$	7.0	0.60				LE			16.0 1.60
		sP	19 02	35.0	-2.4					LZ		$M_s = 5.6$	21.0 7.10
		PP	19 03	45.0	-4.7			LZH	46.2 330	P	19 03	46.0	2.0
		S	19 08	00.0	-5.0					PMZ		$m_b = 6.1$	1.5 0.44
		LN		$M_s = 5.4$	11.0	1.40				PMZ		$m_B = 5.7$	8.0 0.89
		LE			14.0	2.90				sP	19 03	57.5	1.5
		LZ		$M_s = 4.9$	22.0	2.10				PP	19 05	35.0	3.2
WHN	36.8 337	+iP	19 02	27.5	1.0					S	19 10	27.0	0.3
		PMZ		$m_b = 5.9$	1.5	0.30				sS	19 10	46.0	4.0
		pP	19 02	38.0	3.0					SS	19 13	50.0	5.3
		iS	19 08	10.0	1.6					LN		$M_s = 5.5$	15.0 2.93
		LE		$M_s = 5.2$	16.0	2.40				LZ		$M_s = 5.5$	24.0 6.67
		LZ		$M_s = 4.9$	20.0	1.90				+iP	19 03	48.0	-1.1
GYA	37.3 323	P	19 02	31.0	0.2			CN2	46.9 355	PMZ		$m_b = 5.7$	1.0 0.10
		PcP	19 04	50.0	0.2					PMZ		$m_B = 5.8$	4.0 0.60
		S	19 08	17.0	2.0					eS	19 10	31.0	-6.4
		LN		$M_s = 5.5$	16.0	4.50				eScS	19 13	40.0	1.8
		LE			16.0	2.40				LN		$M_s = 5.2$	16.0 1.50
		LZ		$M_s = 5.0$	20.0	2.30				LE			16.0 0.50
KMI	38.8 318	+P	19 02	45.0	1.1					LZ		$M_s = 5.8$	17.0 8.70
		PMZ		$m_b = 5.9$	1.8	0.39		HHC	47.0 340	+P	19 03	50.0	-0.1
		PMZ		$m_B = 6.1$	4.0	1.20				PMZ		$m_b = 5.8$	1.1 0.16
		pP	19 02	48.0	-4.3					S	19 10	40.5	2.6
		sP	19 02	52.0	-4.0					SME			8.0 1.20
		S	19 08	40.0	1.4					LE		$M_s = 5.7$	26.0 8.60
		LZ		$M_s = 5.2$	22.0	4.10				LZ		$M_s = 5.4$	29.0 6.70
XAN	42.1 333	-iP	19 03	10.0	-0.9			BTO	47.3 339	P	19 03	51.8	-0.8
		pP	19 03	20.0	0.6			MDJ	47.5 359	-P	19 03	53.2	-0.7
		sP	19 03	23.0	-0.1					PMZ		$m_b = 5.4$	1.0 0.050
		PP	19 04	55.0	3.5					eS	19 10	44.0	-2.0
		PcP	19 05	10.0	4.8					LN		$M_s = 5.4$	18.0 2.69
		S	19 09	26.0	-1.5					LE			18.0 1.20
		LN		$M_s = 5.6$	14.0	3.50				LZ		$M_s = 5.3$	25.0 4.60
		LE			13.0	2.40		LSA	49.7 314	iP	19 04	12.5	0.7
CD2	42.3 325	P	19 03	11.8	-0.5					pP	19 04	25.0	5.1
		PMZ		$m_b = 5.7$	1.5	0.20				S	19 11	18.5	2.1
		pP	19 03	19.0	-1.8					LZ		$M_s = 5.2$	22.0 3.00
		PP	19 04	53.3	0.0			GTA	50.8 329	P	19 04	19.3	-0.2
		S	19 09	28.5	-1.6					PMZ		$m_b = 5.8$	1.6 0.23
		LE		$M_s = 5.7$	15.0	5.30				PMZ		$m_B = 5.9$	4.0 0.59
		LZ		$M_s = 5.3$	18.0	3.30				PcP	19 05	38.0	2.4
DL2	42.5 350	-P	19 03	18.0	3.6					S	19 11	32.0	0.9
		PMZ		$m_b = 5.8$	1.2	0.20				ScS	19 14	09.0	4.9
		PMZ		$m_B = 5.5$	6.0	0.50				LE		$M_s = 5.5$	14.5 2.50
		S	19 09	34.0	0.0					LZ		$M_s = 5.3$	23.0 3.80
		LN		$M_s = 5.7$	18.0	4.50		WMQ	60.4 326	P	19 05	28.5	-0.2
		LE			16.0	4.40				PMZ		$m_b = 5.4$	2.0 0.10
		LZ		$M_s = 4.9$	26.0	2.00				S	19 13	42.0	3.2
TIY	43.9 339	-P	19 03	24.6	-0.7					LN		$M_s = 5.8$	16.0 3.00
		PMZ		$m_b = 5.5$	1.2	0.10				LE			14.0 1.70
		S	19 09	52.5	-0.9					LZ		$M_s = 5.1$	24.0 1.90
		LN		$M_s = 5.2$	14.0	1.60		KSH	65.5 316	P	19 06	05.0	2.4
		LZ		$M_s = 5.1$	28.0	3.40				S	19 14	46.0	3.1
BJI	44.8 344	eP	19 03	32.0	-1.0								



<p>APR 7d 23h 16m 26.7 ± 0.04s, SD1.42 / 91 5.95 S ± 1.05km, 77.10 W ± 1.29km, h29 ± 0.42km Northern Peru (111) m_b4.9 / 45,</p>				<p>53.1 324 +iP 01 34 45.0 0.0 PMZ m_b = 5.2 1.5 0.050 eS 01 42 13.0 0.4 LZ M_B = 4.5 28.0 0.60</p>	<p>WMQ</p>	
<p>GTA 146.6 4 ePKP 23 36 07.0 1.7 TIY 147.2 346 +PKP 23 36 09.4 3.2 LZH 150.0 358 +PKP 23 36 09.5 -1.3 LSA 153.9 24 PKP 23 36 19.0 2.2</p>				<p>APR 8d 12h 57m 08.8 ± 0.10s, SD2.03 / 7 24.45 N ± 0.71km, 120.89 E ± 0.71km, h10 ± 0.04km Taiwan (244) M_L3.4 / 6,</p>		
<p>APR 8d 01h 25m 26.6 ± 0.04s, SD1.19 / 155 4.11 N ± 0.64km, 127.97 E ± 0.94km, h26 ± 0.11km Talaud Islands (263) M_S4.4 / 5, m_B5.5 / 2, m_b5.5 / 63</p>				<p>QZH 2.1 284 ePn 12 57 44.5 -0.6 Sn 12 58 09.5 -4.1 SMN M_L = 3.6 0.5 0.61 SME 0.5 0.34</p>	<p>QZH</p>	
<p>QZH 22.6 337 -P 01 30 28.0 1.3 PMZ m_b = 5.8 1.0 0.40 S 01 34 28.0 0.5</p>				<p>APR 8d 13h 34m 03.4 ± 0.04s, SD0.96 / 495 52.48 N ± 0.75km, 157.87 E ± 0.62km, h144 ± 0.08km Near east coast of Kamchatka (218) m_B5.6 / 14, m_b5.7 / 170,</p>		
<p>QZN 23.1 311 P 01 30 32.0 0.3 PMZ m_b = 5.0 0.6 0.040 S 01 34 30.0 -6.4 LN M_S = 4.2 13.0 0.41</p>				<p>MDJ 20.2 258 -iP 13 38 28.5 -0.5 PMZ m_b = 6.0 1.0 0.70 PMZ m_B = 5.6 8.0 2.22 pP 13 38 55.0 -2.5 sP 13 39 09.0 -4.7 ScP 13 46 00.0 1.2 S 13 42 00.0 -2.2 ScS 13 49 43.5 3.1 SS 13 42 42.0 -0.6</p>	<p>MDJ</p>	
<p>GZH 23.6 324 +P 01 30 36.9 0.6 PMZ m_b = 5.0 1.0 0.060 S 01 34 42.0 -3.0</p>				<p>CN2 23.2 261 +iP 13 38 57.0 -1.0 PMZ m_b = 5.8 1.0 0.40 PMZ m_B = 5.6 4.0 0.90 pP 13 39 28.5 1.9 esP 13 39 47.0 2.9 S 13 42 54.0 -0.7 ScS 13 49 49.0 -2.0</p>		
<p>SSE 27.6 347 +P 01 31 14.5 0.3 PMZ m_b = 5.1 1.0 0.037 LZ M_S = 4.1 20.0 0.50</p>				<p>SNY 25.4 259 +iP 13 39 19.0 -0.4 PMZ m_b = 5.8 1.3 0.30 pP 13 39 50.5 1.7 sP 13 40 08.0 2.0 S 13 43 30.0 -2.7 SMN 20.0 1.60 SME 20.0 1.00 sS 13 44 32.0 6.8 ScP 13 46 14.6 2.3 ScS 13 50 03.4 3.3 LN 11.0 0.80 LE 10.0 0.50 LZ 18.0 1.40</p>		
<p>NJ2 29.1 344 +P 01 31 28.0 0.5 GYA 30.2 320 +iP 01 31 39.4 2.1 ScP 01 38 15.6 -1.1</p>				<p>DL2 28.4 256 P 13 39 46.2 -0.4 PMZ m_b = 6.4 1.0 0.90 S 13 44 16.0 -5.0 LN 12.0 0.90 LZ 16.0 0.80</p>		
<p>KMI 32.0 313 eP 01 31 54.0 0.2 PMZ m_b = 5.5 1.0 0.080 sP 01 32 09.5 4.4</p>				<p>BJI 31.0 263 eP 13 40 08.0 -1.4 PMZ m_b = 5.8 1.5 0.29 PMZ m_B = 5.6 4.0 0.47 ePP 13 41 16.0 -0.1 ScP 13 46 32.0 2.5 eScS 13 50 26.0 0.7 LZ 16.0 1.45</p>		
<p>TIA 33.5 344 eP 01 32 05.8 -0.4 PMZ m_b = 5.7 0.8 0.10</p>				<p>TIA 32.9 257 +P 13 40 25.0 -0.9 PMZ m_b = 6.3 1.0 0.60</p>		
<p>XAN 34.7 332 +iP 01 32 16.0 -0.5 PMZ m_b = 5.8 1.0 0.15</p>				<p>HHC 33.3 268 +P 13 40 29.0 -0.7 PMZ m_b = 5.5 1.0 0.10 LN 12.0 0.30 LE 11.0 0.60 LZ 18.0 1.50</p>		
<p>CD2 35.1 322 P 01 32 19.8 -0.4 PMZ m_b = 5.4 0.9 0.060</p>				<p>SSE 34.2 246 +P 13 40 37.5 0.4</p>		
<p>TIY 36.3 339 +P 01 32 31.4 0.6 PMZ m_b = 5.4 0.8 0.050 LE M_S = 4.1 9.0 0.11 LZ M_S = 4.2 20.0 0.38</p>						
<p>BJI 37.3 345 +eP 01 32 39.0 0.0 PMZ m_b = 5.8 1.0 0.19</p>						
<p>SNY 37.8 355 +P 01 32 42.8 0.1 PMZ m_b = 5.3 0.8 0.040</p>						
<p>LZH 38.8 328 +iP 01 32 50.5 -1.2 PMZ m_b = 5.8 1.5 0.27 PMZ m_B = 5.6 4.0 0.45 pP 01 33 05.0 5.3 PP 01 34 26.0 1.7 eS 01 38 45.0 -3.0 LN M_S = 4.6 11.0 0.36 LZ M_S = 4.6 30.0 1.37</p>						
<p>HHC 39.4 340 +P 01 32 57.8 1.0 PMZ m_b = 5.6 1.0 0.10</p>						
<p>CN2 39.6 357 -P 01 32 55.4 -2.5 BTO 39.8 338 eP 01 32 58.8 -0.7 MDJ 40.4 2 -iP 01 33 05.5 1.1 PMZ m_b = 5.5 1.0 0.080</p>						
<p>LSA 43.1 310 P 01 33 29.0 1.4 GTA 43.4 328 +iP 01 33 30.6 1.0 PMZ m_b = 5.6 1.4 0.13 PP 01 35 17.3 4.9 eS 01 39 52.0 -4.2 sS 01 40 13.0 3.5 LE M_S = 4.6 11.0 0.30 LZ M_S = 4.7 32.0 1.50</p>						



		PP	06 26 19.0	-2.2		
		PPMZ	$m_b = 5.8$		4.0	0.40
CD2	158.9	4	+iPKP	06 22 10.3	2.0	
			pPKP	06 22 45.0	4.1	
GYA	163.3	356	+iPKP	06 22 14.0	1.0	
			pPKP	06 22 48.8	3.4	
			PKP2	06 23 05.6	0.4	
			PP	06 26 49.0	-2.0	
KMI	164.5	9	-PKP	06 22 15.5	1.3	
			PP	06 26 53.5	-4.2	
			pPKP	06 22 50.0	3.4	
QZN	169.8	335	PKP	06 22 20.1	2.3	

APR 9d 10h 04m $09.8 \pm 0.06s$, SD1.61 / 69
 21.58 N $\pm 1.03km$, 121.87 E $\pm 0.77km$, $h9 \pm 0.35km$
 Taiwan region (243)
 $M_s 4.3 / 11$, $M_L 4.1 / 4$, $m_b 5.1 / 2$,

QZH	4.5	319	ePn	10 05 20.0	1.5	
			Sn	10 06 10.5	-2.6	
			SMN	$M_L = 4.2$	1.0	0.41
			SME		1.0	0.38
GZH	8.0	282	-P	10 06 11.0	1.4	
			SMN	$M_L = 4.6$	0.8	0.20
			SME		0.8	0.10
NJ2	10.8	346	eP	10 06 44.5	-2.9	
			LN	$M_S = 4.3$	12.0	0.50
			LE		11.0	1.10
			LZ	$M_S = 3.6$	14.0	0.40
QZN	11.6	259	eP	10 06 57.1	-1.3	
			LN	$M_S = 4.3$	14.0	1.30
GYA	14.7	292	P	10 07 40.0	-0.4	
XAN	16.9	320	eP	10 08 08.0	0.0	
			LN	$M_S = 4.1$	10.0	0.40
TIY	18.0	335	eP	10 08 18.8	-3.8	
CD2	18.7	304	P	10 08 32.5	1.7	
			pP	10 08 38.0	2.9	
			LE	$M_S = 4.4$	11.0	0.70
BJI	19.0	346	P	10 08 36.0	1.2	
			LZ	$M_S = 4.0$	16.0	0.58
SNY	20.2	4	+P	10 08 47.8	-0.5	
HHC	21.1	338	eP	10 08 57.0	-0.4	
LZH	21.4	316	+P	10 09 02.0	2.0	
			PMZ	$m_b = 4.9$	2.0	0.096
			PMZ	$m_b = 4.9$	4.0	0.23
			LE	$M_S = 4.1$	10.0	0.30
			LZ	$M_S = 4.0$	20.0	0.63
BTO	21.5	335	eP	10 09 01.0	-0.1	
			LN	$M_S = 4.3$	14.0	0.60
			LE		14.0	0.30
CN2	22.4	7	eP	10 09 10.6	0.7	
			epP	10 09 18.0	3.0	
			eS	10 13 10.0	-0.9	
			LN	$M_S = 4.2$	13.0	0.30
			LE		13.0	0.30
			LZ	$M_S = 4.5$	15.0	1.20
GTA	25.9	318	eP	10 09 44.0	-0.4	
			PMZ	$m_b = 4.5$	1.6	0.020
			PMZ	$m_b = 5.3$	4.0	0.29
			pP	10 09 50.2	0.9	
			LE	$M_S = 4.4$	15.0	0.70
			LZ	$M_S = 4.2$	27.0	1.00
WMQ	35.9	316	eP	10 11 11.5	-1.5	

APR 9d 22h 59m $06.2 \pm 0.05s$, SD1.71 / 71
 26.43 N $\pm 0.73km$, 92.96 E $\pm 0.56km$, $h15 \pm 0.11km$
 India-Bangladesh border region (315)
 $M_S 4.0 / 4$, $m_b 4.5 / 16$,

LSA	3.6	334	iPg	23 00 09.8	-1.1	
-----	-----	-----	-----	------------	------	--

			Sn	23 00 53.0	6.1	
KMI	8.9	96	-P	23 01 19.5	1.6	
			PMZ	$m_b = 5.1$		
			pP	23 01 26.0	2.9	
			sP	23 01 30.0	3.8	
CD2	10.5	62	P	23 01 40.2	0.8	
			eS	23 03 39.0	1.3	
GYA	12.3	87	P	23 02 02.0	-2.0	
LZH	13.4	41	-P	23 02 19.6	0.9	
			PMZ	$m_b = 4.5$	1.2	0.011
			pP	23 02 28.0	4.5	
			LN	$M_S = 4.0$	9.0	0.39
			LZ	$M_S = 3.5$	16.0	0.24
GTA	14.2	22	+iP	23 02 27.6	-1.3	
			PMZ	$m_b = 4.5$	1.0	0.010
			sP	23 02 37.0	-0.6	
			LE	$M_S = 3.8$	11.0	0.30
			LZ	$M_S = 3.7$	16.0	0.40
XAN	15.7	57	P	23 02 47.1	-2.2	
QZN	17.2	112	P	23 03 09.4	1.3	
WMQ	17.9	348	eP	23 03 16.6	0.3	
WHN	19.2	73	-P	23 03 33.5	0.6	
			PMZ	$m_b = 4.7$	0.8	0.030
			eS	23 07 05.0	1.1	
			LN	$M_S = 4.1$	10.0	0.30
TIY	19.9	51	eP	23 03 39.4	-1.4	
BTO	20.0	41	eP	23 03 39.6	-2.0	
HHC	21.1	42	P	23 03 52.5	-0.3	
TIA	22.8	59	eP	23 04 10.5	0.8	
NJ2	23.3	70	eP	23 04 15.0	0.7	
BJI	23.6	49	eP	23 04 19.0	1.3	
CN2	31.5	48	eP	23 05 30.0	0.1	

APR 10d 01h 08m $39.0 \pm 0.04s$, SD1.51 / 316
 37.38 N $\pm 0.62km$, 36.24 E $\pm 0.52km$, $h10 \pm 0.15km$
 Turkey (366)
 $M_S 5.1 / 14$, $m_b 5.4 / 3$, $m_b 5.1 / 96$

KSH	31.0	74	eP	01 15 03.0	3.7	
			LE	$M_S = 5.3$	9.0	2.20
WMQ	39.1	64	-iP	01 16 10.0	1.5	
			PMZ	$m_b = 5.2$	1.0	0.040
			S	01 22 11.5	4.7	
			LN	$M_S = 5.0$	12.0	0.80
			LE		12.0	0.80
			LZ	$M_S = 4.6$	16.0	0.80
LSA	45.9	83	P	01 17 05.6	1.4	
GTA	48.9	67	-iP	01 17 28.4	0.4	
			PMZ	$m_b = 4.9$	1.0	0.020
			PMZ	$m_b = 5.4$	5.0	0.29
			PP	01 19 24.0	3.4	
			PcP	01 18 52.0	0.3	
			LN	$M_S = 4.8$	11.0	0.40
			LZ	$M_S = 4.4$	18.0	0.40
LZH	53.1	69	-P	01 18 01.8	2.1	
			PMZ	$m_b = 5.5$	1.2	0.078
			PMZ	$m_b = 5.4$	8.0	0.42
			pP	01 18 09.5	4.4	
			eS	01 25 32.0	3.2	
			LN	$M_S = 4.8$	11.0	0.31
			LZ	$M_S = 4.7$	18.0	0.68
CD2	55.2	75	P	01 18 15.0	0.1	
			PMZ	$m_b = 5.1$	1.0	0.030
BTO	55.9	62	eP	01 18 19.7	0.0	
HHC	56.8	61	P	01 18 27.0	0.2	
			PMZ	$m_b = 5.4$	1.0	0.050
			pP	01 18 35.0	2.7	
			LN	$M_S = 4.7$	10.0	0.20
			LZ	$M_S = 4.8$	12.0	0.50

GTA	65.2 318	PP	08 25 12.5	4.2		
		eS	08 31 00.0	-4.9		
		SS	08 35 00.0	-4.0		
		LE		$M_s=5.2$	20.0	1.28
		LZ		$M_s=5.1$	24.0	1.76
		eP	08 23 23.5	0.7		
		PMZ		$m_b=4.9$	1.2	0.020
		PMZ		$m_b=5.6$	5.0	0.41
		pP	08 23 35.4	-1.1		
		sP	08 23 43.2	1.0		
LSA	67.6 305	PP	08 25 52.2	4.8		
		LN		$M_s=5.0$	12.0	0.40
		LZ		$M_s=5.2$	26.0	2.00
		eP	08 23 37.0	-1.0		
WMQ	75.3 318	P	08 24 23.5	-0.4		
		PMZ		$m_b=4.9$	2.0	0.040
		LZ		$M_s=5.0$	28.0	1.00

TIA	55.9 286	LZ		$M_s=4.9$	16.9	0.30		
		eP	13 13 11.9	-0.6				
		BTO	56.8 295	P	13 13 19.0	0.2		
		SSE	57.2 279	+P	13 13 22.5	0.7		
		TIY	57.5 291	PMZ		$m_b=5.4$	1.0	0.057
				LE		$M_s=4.8$	11.0	0.30
				LZ		$M_s=4.6$	20.0	0.50
				+P	13 13 23.8	-0.1		
		NJ2	57.9 282	LN		$M_s=5.0$	19.0	0.78
				LZ		$M_s=4.7$	20.0	0.63
+P	13 13 25.5			-1.0				
WHN	61.6 284	PMZ		$m_b=5.7$	1.0	0.10		
		P	13 13 51.6	-0.5				
XAN	62.1 290	+P	13 13 55.2	-0.4				
		GTA	63.0 300	+iP	13 14 00.8	-1.0		
LZH	63.4 295	PMZ		$m_b=5.2$	1.0	0.030		
		sP	13 14 08.0	-2.6				
		LZ		$M_s=5.1$	30.0	2.20		
		+iP	13 14 05.5	1.3				
		PMZ		$m_b=5.6$	1.5	0.11		
		LN		$M_s=5.2$	15.0	0.62		
		LE			17.0	0.68		
		LZ		$M_s=4.9$	15.0	0.67		
		WMQ	65.5 311	P	13 14 18.1	0.3		
		CD2	67.3 291	PMZ		$m_b=4.9$	2.0	0.030
LZ				$M_s=4.5$	18.0	0.30		
LSA	75.0 300	+iP	13 14 29.7	0.2				
		PMZ		$m_b=5.8$	0.6	0.070		
LZH	63.4 295	iP	13 15 17.6	1.2				

APR 11d 10h 02m $34.4 \pm 0.06s$, $SD1.53 / 85$
 $7.78 N \pm 0.75km$, $126.53 E \pm 1.02km$, $h81 \pm 0.39km$
 Mindanao
 $m_b 5.0 / 24$,
 (259)

QZN	19.7 306	+P	10 07 00.8	1.0		
		PMZ		$m_b=4.5$	0.7	0.020
GZH	19.8 322	eP	10 07 00.0	-1.0		
		SSE	23.7 349	eP	10 07 44.0	3.9
GYA	26.5 317	eS	10 11 48.0	1.5		
		P	10 08 08.4	2.0		
XAN	30.8 331	pP	10 08 22.6	-1.7		
		P	10 08 42.0	-2.8		
CD2	31.3 320	eP	10 08 48.2	-1.6		
		BJI	33.4 345	eP	10 09 06.5	-1.4
SNY	34.0 356	+P	10 09 11.9	-0.9		
		LZH	35.0 327	eP	10 09 22.5	1.2
MDJ	36.8 4	PMZ		$m_b=4.8$	1.4	0.022
		LZ		$M_s=4.1$	30.0	0.57
GTA	39.6 327	eP	10 09 36.5	0.0		
		PMZ		$m_b=5.3$	1.0	0.050
LSA	39.7 308	pP	10 09 50.5	-4.9		
		eP	10 10 01.2	1.4		
WMQ	49.3 323	PMZ		$m_b=4.9$	0.5	0.010
		PcP	10 12 08.4	2.8		
LZH	35.0 327	eP	10 10 03.4	2.1		
		P	10 11 18.2	0.2		
LZH	35.0 327	eS	10 18 17.0	-0.5		

APR 11d 15h 32m $27.3 \pm 0.05s$, $SD1.24 / 54$
 $12.05 N \pm 0.93km$, $143.94 E \pm 0.91km$, $h32 \pm 0.14km$
 South of the Marianas
 $M_s 3.9 / 1$, $m_b 4.9 / 15$,
 (210)

BJI	37.1 324	eP	15 39 37.0	0.0		
		PMZ		$m_b=4.9$	1.1	0.021
TIY	38.0 318	LZ		$M_s=4.2$	16.0	0.29
		+P	15 39 45.0	0.2		
BTO	41.2 320	LE		$M_s=3.9$	18.0	0.12
		LZ		$M_s=4.4$	18.0	0.49
CD2	41.6 303	eP	15 40 11.6	0.5		
		P	15 40 14.0	0.0		
LZH	43.3 310	+P	15 40 31.0	2.5		
		PMZ		$m_b=4.9$	1.4	0.027
GTA	47.5 313	LZ		$M_s=4.2$	17.0	0.24
		eP	15 41 02.4	0.2		
LZA	51.9 298	PMZ		$m_b=5.0$	0.5	0.010
		pP	15 41 07.0	-4.2		
WMQ	57.5 314	LZ		$M_s=4.3$	16.0	0.30
		P	15 41 37.0	1.0		
LZH	35.0 327	P	15 42 16.9	0.2		
		PMZ		$m_b=5.4$	2.0	0.10

APR 11d 13h 03m $32.1 \pm 0.04s$, $SD0.93 / 208$
 $53.68 N \pm 1.08km$, $163.42 W \pm 0.53km$, $h14 \pm 0.04km$
 Unimak Island region
 $M_s 5.0 / 5$, $m_b 5.3 / 74$,
 (10)

MDJ	43.2 286	eP	13 11 34.0	-1.2		
		CN2	46.1 288	+iP	13 11 57.6	-0.5
SNY	48.4 287	PMZ		$m_b=5.6$	1.0	0.10
		PMZ			3.0	0.20
DL2	51.4 286	eS	13 18 46.0	3.2		
		LN		$M_s=4.6$	15.0	0.30
BJI	53.8 290	LE			15.0	0.20
		LZ		$M_s=4.9$	18.0	1.20
HHC	55.7 294	+P	13 12 11.9	-4.4		
		PMZ		$m_b=5.5$	1.2	0.080
HHC	55.7 294	LZ		$M_s=4.5$	22.0	0.60
		P	13 12 40.6	1.0		
HHC	55.7 294	PMZ		$m_b=5.7$	1.0	0.10
		eP	13 12 57.0	0.1		
HHC	55.7 294	PMZ		$m_b=5.1$	1.0	0.028
		LZ		$M_s=4.6$	20.0	0.60
HHC	55.7 294	P	13 13 11.8	0.3		
		PMZ		$m_b=5.5$	1.1	0.070

APR 11d 17h 51m $14.6 \pm 0.05s$, $SD1.26 / 204$
 $10.93 S \pm 0.95km$, $166.83 E \pm 0.83km$, $h17 \pm 0.14km$
 Santa Cruz Islands
 $M_s 5.4 / 31$, $m_b 5.9 / 16$, $m_b 5.6 / 56$
 (184)

QZH	59.0 308	P	18 01 17.0	0.5		
		LE		$M_s=5.0$	24.0	0.94
SSE	60.5 315	-P	18 01 26.5	-0.3		
		PMZ		$m_b=5.4$	1.5	0.067
SSE	60.5 315	pP	18 01 33.5	0.0		
		sP	18 01 38.0	1.5		
SSE	60.5 315	eScS	18 11 12.0	-0.2		
		LN		$M_s=5.4$	16.0	1.00
SSE	60.5 315	LE			16.0	1.20
		LZ		$M_s=5.1$	20.0	1.40
NJ2	62.7 315	-P	18 01 41.0	-0.5		

		PMZ	$m_b = 5.7$	1.0	0.10			sS	18 12 30.0	3.9		
		pP	18 01 48.0	-0.2				LN	$M_s = 5.4$	17.0	1.00	
		LN	$M_s = 5.4$	16.0	1.20			LE		15.0	0.40	
		LE		16.0	0.80	CD2	73.4 307	P	18 02 48.3	-0.1		
		LZ	$M_s = 4.8$	20.0	0.70			PMZ	$m_b = 5.6$	1.3	0.10	
MDJ	64.7 331	-P	18 01 54.8	-0.2		LZH	75.5 312	+iP	18 03 03.5	2.9		
		PMZ	$m_b = 6.2$	2.0	0.60			PMZ	$m_b = 5.8$	2.2	0.27	
		PMZ		3.0	0.80			PMZ	$m_B = 5.9$	9.0	1.24	
		sP	18 02 08.0	3.2				pP	18 03 10.5	3.5		
		LN	$M_s = 5.5$	12.0	0.78			sP	18 03 15.5	5.4		
		LE		12.0	0.98			PP	18 05 51.5	0.8		
DL2	65.0 322	P	18 01 57.8	1.0				LN	$M_s = 5.3$	15.0	0.62	
		PMZ	$m_b = 6.0$	1.4	0.30			LE		16.0	0.50	
		LN	$M_s = 5.3$	10.0	0.60			LZ	$M_s = 5.3$	20.0	1.55	
		LZ	$M_s = 5.1$	16.0	0.90	GTA	79.7 314	eP	18 03 24.2	-0.1		
WHN	65.1 311	eP	18 01 57.5	0.2				PMZ	$m_b = 5.4$	1.2	0.050	
		pP	18 02 04.5	0.3				PMZ	$m_B = 5.9$	8.0	1.06	
		LE	$M_s = 5.4$	18.0	1.30			pP	18 03 32.0	1.2		
		LZ	$M_s = 5.0$	20.0	0.90			sP	18 03 37.4	3.6		
SNY	65.8 326	-P	18 02 01.1	-0.8				PP	18 06 30.0	4.3		
		PMZ	$m_b = 5.6$	1.4	0.10			LE	$M_s = 5.2$	12.0	0.40	
		PMZ	$m_B = 5.7$	10.0	0.90			LZ	$M_s = 5.1$	20.0	0.90	
		eS	18 10 50.0	3.2		LSA	83.2 302	P	18 03 44.0	1.3		
		LN	$M_s = 5.5$	15.0	0.90			PMZ	$m_b = 6.2$	2.0	0.50	
		LE		18.0	1.20			eS	18 14 05.0	3.3		
		LZ	$M_s = 5.3$	18.0	1.70	WMQ	89.8 315	-iP	18 04 14.0	-0.5		
CN2	66.2 328	eP	18 02 03.0	-1.3				PMZ	$m_b = 5.7$	2.0	0.10	
		PMZ	$m_b = 5.7$	1.0	0.10			pP	18 04 26.3	5.2		
		PMZ	$m_B = 5.8$	6.0	0.80			PP	18 07 52.0	4.0		
		epP	18 02 10.0	-1.0				LZ	$M_s = 4.9$	20.0	0.50	
		eS	18 10 53.0	1.7								
		LN	$M_s = 5.1$	14.0	0.50							
		LE		14.0	0.30							
		LZ	$M_s = 5.5$	20.0	2.80							
TIA	66.2 318	eP	18 02 02.6	-2.0								
		LN	$M_s = 5.4$	16.0	1.00	KMI	2.5 145	-Pn	20 33 04.0	3.6		
		LE		16.0	0.90			Pg	20 33 07.0	3.8		
		LZ	$M_s = 5.2$	18.0	1.50			Sg	20 33 38.0	0.2		
BJI	69.1 321	eP	18 02 22.5	0.2				LN		5.0	19.2	
		PMZ	$m_b = 5.9$	2.0	0.28			LE		5.0	21.1	
		PMZ	$m_B = 5.9$	8.0	1.07			LZ		4.0	19.4	
		eS	18 11 28.0	2.3		CD2	4.3 31	Pn	20 33 27.0	2.0		
		eSKS	18 12 14.0	-2.1				Sg	20 34 36.0	1.8		
		LN	$M_s = 5.1$	16.0	0.60			LE	$M_s = 5.8$	5.0	68.1	
		LZ	$M_s = 5.2$	20.0	1.55	GYA	5.0 98	Pn	20 33 38.6	4.3		
GYA	69.2 304	-iP	18 02 24.0	0.5				Pg	20 33 52.0	5.2		
		pP	18 02 31.0	0.9				Sn	20 34 36.0	1.6		
		LN	$M_s = 5.8$	20.0	1.40			Sg	20 34 59.0	3.7		
		LE		20.0	3.00			LN	$M_s = 5.3$	6.0	8.30	
		LZ	$M_s = 4.9$	30.0	1.10			LE		6.0	18.1	
TIY	70.2 317	-P	18 02 29.8	0.4				LZ	$M_s = 4.8$	6.0	6.00	
		S	18 11 43.0	5.2		LSA	9.1 288	eP	20 34 31.3	-2.7		
		LN	$M_s = 5.5$	17.0	1.40			eS	20 36 22.0	3.7		
		LZ	$M_s = 5.2$	21.0	1.50			LE	$M_s = 4.6$	7.0	1.90	
XAN	70.8 312	P	18 02 32.3	-0.9				LZ	$M_s = 4.9$	8.0	4.90	
		PMZ	$m_b = 5.7$	1.1	0.10	LZH	9.1 14	eP	20 34 38.0	4.1		
		S	18 11 50.0	4.9				PMZ	$m_b = 4.5$	2.5	0.053	
KMI	72.0 301	+P	18 02 41.5	1.3				SS	20 36 33.0	2.9		
		PMZ	$m_b = 5.6$	2.0	0.15			LN	$M_s = 5.3$	9.0	7.59	
		PMZ	$m_B = 6.3$	4.0	1.60			LE		11.0	12.1	
		LZ	$M_s = 5.4$	22.0	2.20			LZ	$M_s = 4.9$	10.0	6.95	
HHC	72.4 319	eP	18 02 43.7	0.8		XAN	9.5 43	P	20 34 37.5	-2.0		
		PMZ	$m_b = 5.6$	1.3	0.10			S	20 36 25.0	-2.8		
		PcP	18 02 57.0	-2.8				LN	$M_s = 5.1$	10.0	7.80	
		SKS	18 12 41.0	0.0				LE		11.0	4.50	
		LN	$M_s = 5.4$	18.0	1.20	QZN	11.4 134	P	20 35 03.8	-1.6		
		LZ	$M_s = 5.1$	22.0	1.20			S	20 37 12.5	-1.6		
BTO	73.3 318	+iP	18 02 49.0	1.0				LN	$M_s = 5.0$	10.0	4.00	

APR 11d 20h 32m $18.5 \pm 0.07s$, $SD1.81 / 78$
 $27.23 N \pm 0.62km$, $101.13 E \pm 0.62km$, $h8 \pm 0.09km$
 Yunnan Province (318)
 $M_s 5.1 / 43$, $M_L 4.7 / 9$, $m_b 4.8 / 22$

SSE	7.3	358	SME	10 23 28.0	1.4	0.7	0.30
			eP	10 24 46.3	-4.0		
			SMN	$M_L=3.5$		1.0	0.020
			SME			1.0	0.020
			LN	$M_S=3.7$		9.0	0.31
			LE			10.0	0.48
NJ2	8.6	344	eP	10 23 44.0	-0.5		
			S	10 25 19.0	-3.2		
			LN	$M_S=3.8$		8.0	0.39

APR 12d 12h 24m $26.4 \pm 0.10s$, SD3.06 / 9
40.38 N $\pm 0.46km$, 79.11 E $\pm 0.49km$, h27 $\pm 0.53km$
Southern Xinjiang Province (321)
 $M_L 3.7 / 7$,

WMQ	7.3	59	Pn	12 26 14.0	2.8		
			Sn	12 27 33.0	-1.7		
			Sg	12 28 17.0	3.3		
			SMN	$M_L=3.7$		1.0	0.030
			SME			0.8	0.030

APR 12d 17h 00m $03.9 \pm 0.06s$, SD1.64 / 102
5.78 S $\pm 1.01km$, 76.98 W $\pm 1.37km$, h27 $\pm 0.46km$
Northern Peru (111)
 $m_b 5.0 / 27$,

WMQ	139.8	17	PKP	17 19 33.2	2.4		
BJI	143.9	343	ePKP	17 19 38.0	0.2		
HHC	144.3	349	ePKP	17 19 36.0	-2.6		
BTO	144.8	351	ePKP	17 19 39.0	-0.5		
GTA	146.4	4	PKP	17 19 44.4	2.1		
TIY	147.1	346	ePKP	17 19 45.5	2.1		
SSE	149.6	328	PKP	17 19 50.0	2.7		
LZH	149.8	359	+PKP	17 19 50.0	2.1		
XAN	151.4	350	PKP	17 19 50.9	0.8		
LSA	153.7	24	PKP	17 19 56.2	2.3		
CD2	155.0	359	ePKP	17 20 00.0	4.8		

APR 13d 01h 09m $34.4 \pm 0.06s$, SD2.07 / 27
24.02 N $\pm 0.90km$, 122.81 E $\pm 0.94km$, h12 $\pm 0.36km$
Taiwan region (243)
 $M_S 3.7 / 3$, $M_L 4.0 / 9$, $m_b 4.4 / 9$

QZH	3.9	284	+iPn	01 10 34.9	-0.4		
			SMN	$M_L=4.0$		0.6	0.34
			SME			0.8	0.27
SSE	7.2	349	-P	01 11 24.0	1.7		
			PMZ	$m_b=4.8$		0.7	0.046
			SMN	$M_L=3.7$		1.0	0.017
			SME			1.0	0.040
			LN	$M_S=3.4$		13.0	0.40
			LZ	$M_S=3.5$		16.0	0.60
NJ2	8.7	337	-P	01 11 42.5	-1.2		
			eS	01 13 24.0	1.0		
			SMN	$M_L=4.2$		1.0	0.060
			SME			1.0	0.040
			LN	$M_S=3.7$		10.0	0.40
			LZ	$M_S=3.5$		12.0	0.30
WHN	9.9	313	eP	01 12 04.5	4.1		
GTA	24.8	314	eP	01 14 58.0	0.2		
			PMZ	$m_b=4.3$		1.0	0.010
			sP	01 15 09.0	2.8		

APR 13d 01h 38m $28.8 \pm 0.07s$, SD1.23 / 163
43.78 N $\pm 0.84km$, 146.42 E $\pm 0.64km$, h73 $\pm 0.34km$
Hokkaido region (224)
 $m_b 4.9 / 70$,

MDJ	12.1	280	-P	01 41 22.0	1.6		
			PMZ	$m_b=5.5$		1.0	0.070
CN2	15.1	277	eP	01 41 59.4	-0.7		

SNY	16.9	271	PMZ	$m_b=4.7$			
			LZ	$M_S=4.4$		1.0	0.030
			eP	01 42 22.4	0.6		
			PMZ	$m_b=4.6$		1.0	0.030
			LZ	$M_S=3.8$		23.0	0.60
DL2	19.2	264	eP	01 42 50.4	0.6		
			PMZ	$m_b=5.3$		1.2	0.20
BJI	22.8	271	eP	01 43 26.0	0.2		
			PMZ	$m_b=4.7$		1.0	0.035
			eS	01 47 20.0	-5.2		
			LZ	$M_S=3.8$		32.0	0.53
SSE	23.6	246	P	01 43 37.5	3.5		
			PMZ	$m_b=4.4$		1.3	0.024
			epP	01 43 49.2	-1.2		
TIA	23.6	261	-P	01 43 34.3	0.3		
NJ2	24.6	251	+P	01 43 45.0	1.5		
			pP	01 43 58.0	-2.0		
TIY	26.3	268	-P	01 44 02.0	1.9		
			S	01 48 23.0	-1.9		
			LZ	$M_S=4.1$		20.0	0.50
BTO	27.0	276	eP	01 44 07.0	0.5		
XAN	30.5	264	P	01 44 33.6	-4.3		
LZH	33.2	271	eP	01 45 01.0	-0.7		
			PMZ	$m_b=5.3$		1.5	0.068
			PP	01 46 09.0	-5.3		
			LZ	$M_S=3.9$		20.0	0.24
CD2	35.9	264	eP	01 45 20.6	-3.5		
GYA	36.4	255	P	01 45 27.2	-1.5		
			sP	01 45 53.0	-1.9		
			S	01 51 04.2	0.7		
WMQ	41.6	291	-iP	01 46 12.5	0.9		
			PMZ	$m_b=4.8$		2.0	0.030
			S	01 52 23.0	1.7		

APR 13d 07h 46m $49.0 \pm 0.04s$, SD1.09 / 346
20.08 S $\pm 0.81km$, 169.08 E $\pm 0.81km$, h32 $\pm 0.14km$
Loyalty Islands (188)
 $M_S 5.4 / 17$, $m_b 6.1 / 25$, $m_b 5.7 / 75$

QZH	66.4	310	+P	07 57 36.0	-1.9		
			PMZ	$m_b=6.0$		4.0	0.87
			pP	07 57 48.0	0.6		
			S	08 06 30.0	6.4		
			LZ	$M_S=5.2$		24.0	2.00
SSE	68.6	317	+P	07 57 50.0	-1.3		
			PMZ	$m_b=5.7$		1.5	0.15
			PMZ	$m_b=5.9$		5.0	0.70
			pP	07 58 00.7	-0.1		
			PcP	07 58 15.0	-0.6		
			S	08 06 50.0	0.7		
			sS	08 07 08.0	1.7		
			LE	$M_S=5.2$		16.0	0.80
			LZ	$M_S=5.0$		20.0	1.00
GZH	69.3	306	+iP	07 57 56.0	0.5		
			LZ	$M_S=5.1$		24.0	1.40
QZN	69.9	300	P	07 58 00.0	0.7		
			eS	08 07 10.0	4.1		
NJ2	70.7	316	+iP	07 58 04.0	-0.4		
			PMZ	$m_b=5.6$		1.2	0.10
			PMZ	$m_b=5.8$		6.0	0.80
			pP	07 58 14.5	0.7		
			S	08 07 14.0	-0.3		
			SS	08 11 45.0	-3.5		
			LZ	$M_S=4.8$		22.0	0.60
WHN	72.8	312	+P	07 58 17.4	0.5		
			PMZ	$m_b=6.0$		1.5	0.30
			PMZ	$m_b=6.0$		4.0	0.70
			S	08 07 41.0	2.5		
			LZ	$M_S=5.0$		24.0	1.00

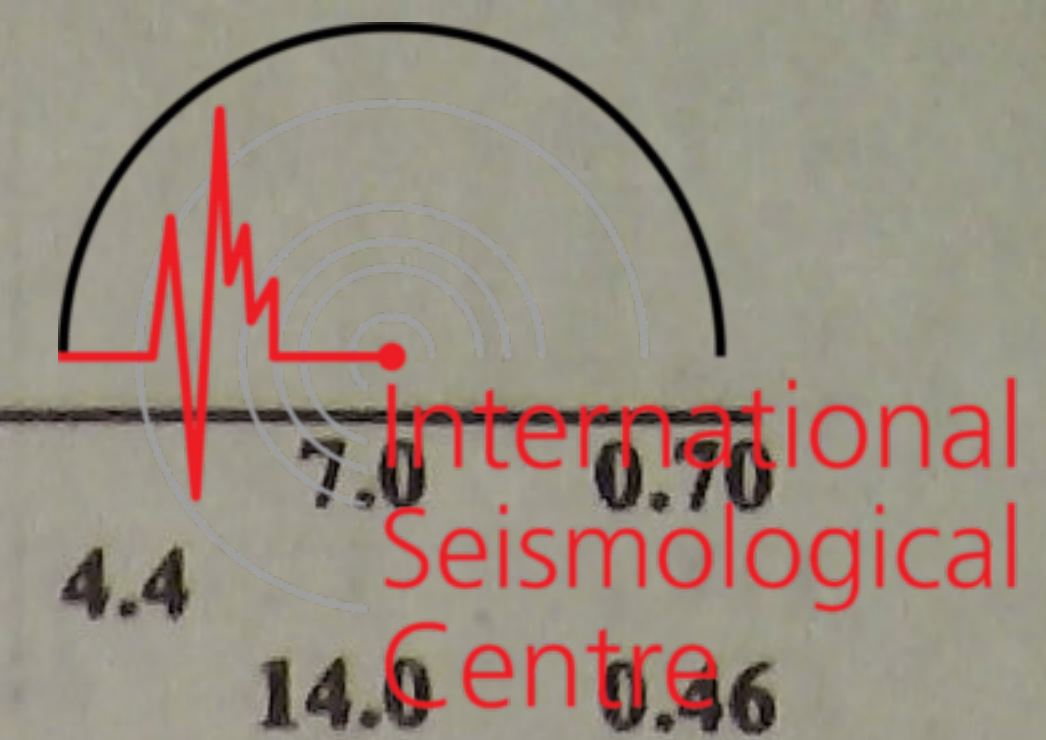
Yunnan Province (318)						PMZ						
M _S 4.1 / 1, M _L 3.6 / 13,						m _B =6.3						
KMI	2.6	143	-Pn	12 28 51.5	1.6	S	08 12 26.0	-3.3	4.0	3.04		
			Pg	12 28 53.5	0.5	LE			M _B =5.1	8.0	8.20	
			Sn	12 29 25.5	2.5	LZ			M _B =5.2	9.0	13.4	
			SME	M _L =3.6	1.2	+P	08 11 06.5	1.8				
			LN		4.0	PMZ			m _B =6.5	1.0	1.10	
			LE		4.0	PMZ			m _B =6.2	8.0	3.90	
CD2	4.4	32	ePn	12 29 16.6	2.2	S	08 12 44.0	-1.3				
			Pg	12 29 26.4	1.8	LN			M _B =5.7	14.0	56.9	
			SMN	M _L =4.1	1.4	LZ			M _B =5.3	11.0	17.6	
			SME		1.0	-P	08 11 48.5	2.7				
GYA	5.1	97	Pn	12 29 28.8	4.6	PMZ			m _B =6.9	1.5	2.70	
			SMN	M _L =3.8	1.2	PMZ			m _B =6.2	9.0	3.20	
			SME		1.2	pP	08 12 02.5	4.3				
XAN	9.6	43	eP	12 30 25.8	-3.2	LN			M _B =5.9	8.0	24.9	
			S	12 32 13.1	-4.7	LE				7.0	15.1	
						LZ			M _B =4.7	20.0	6.30	
APR 13d 19h 54m 21.0 ± 0.04s, SD1.44 / 10						TIA	12.7	318	-P	08 11 56.4	2.6	
34.91 N ± 0.21km, 122.00 E ± 0.07km, h24 ± 0.42km									PMZ	m _B =6.4	1.2	0.80
Yellow Sea (665)									PMZ	m _B =6.7	8.0	10.0
M _L 3.5 / 9,									S	08 14 18.0	5.2	
SSE	3.9	190	ePn	19 55 19.5	0.0	LN			M _B =5.4	9.0	11.1	
			Sn	19 56 05.3	-0.7	+iP	08 11 59.0	4.4				
			SMN	M _L =3.2	0.8	PMZ			m _B =6.8	1.4	2.30	
			SME		1.0	+iP	08 12 08.0	3.4				
NJ2	3.9	224	+Pg	19 55 28.8	-0.8	PMZ			m _B =6.2	10.0	4.10	
			SMN	M _L =3.5	0.8	S	08 14 28.0	-4.6				
			SME		0.6	LN			M _S =5.7	6.0	7.70	
DL2	4.0	356	ePg	19 55 32.0	0.2	LE				6.0	8.40	
			SMN	M _L =3.5	1.0	LZ			M _B =5.2	10.0	7.60	
			SME		1.0	-P	08 12 26.6	2.5				
SNY	7.0	10	ePn	19 56 04.0	1.2	PMZ			m _B =6.2	1.4	1.40	
						PMZ			m _B =6.5	10.0	18.3	
APR 13d 23h 20m 50.9 ± 0.05s, SD1.61 / 92						sP	08 12 55.0	5.1				
7.63 S ± 0.97km, 108.06 E ± 1.14km, h60 ± 0.41km						S	08 15 12.0	4.1				
Java (277)						LE			M _B =6.0	6.0	21.7	
M _S 4.7 / 1, m _B 5.0 / 13,						LZ			M _S =5.4	34.0	39.9	
GYA	33.9	358	P	23 27 32.6	1.9	-iP	08 12 38.5	2.4				
CD2	38.5	354	eP	23 28 09.6	-0.2	PMZ			m _B =6.1	1.0	0.79	
XAN	41.4	1	P	23 28 34.7	0.9	PMZ			m _B =6.5	8.0	16.5	
LZH	43.7	355	eP	23 28 54.5	2.4	eScS	08 24 34.5	2.8				
			PMZ	m _B =4.8	1.5	LN			M _S =5.5	10.0	9.10	
			PcP	23 30 39.0	1.2	LE				10.0	7.60	
			LZ	M _S =4.0	25.0	LZ			M _S =5.5	34.0	40.4	
TIA	44.4	10	eP	23 28 57.1	-1.0	-iP	08 12 46.4	3.0				
TIY	45.3	5	eP	23 29 05.0	0.0	PMZ			m _B =6.3	1.4	1.97	
			LZ	M _S =4.4	20.0	PMZ			m _B =6.3	10.0	14.0	
GTA	47.4	351	eP	23 29 23.0	1.1	LN			M _S =5.6	8.0	10.4	
			LZ	M _S =4.6	16.0	LZ			M _S =5.7	12.0	24.1	
BJI	48.0	8	eP	23 29 26.0	-0.4	-iP	08 12 46.0	0.6				
CN2	53.6	16	eP	23 30 07.0	-1.4	PMZ			m _B =5.9	1.0	0.60	
			LZ	M _S =4.6	22.0	PMZ			m _B =6.7	5.0	16.4	
WMQ	54.4	342	P	23 30 14.0	-0.9	eS	08 15 50.0	2.7				
						-iP	08 12 55.8	1.1				
APR 14d 08h 08m 55.4 ± 0.04s, SD1.31 / 538						PMZ			m _B =6.6	5.0	14.4	
27.15 N ± 0.91km, 127.57 E ± 0.72km, h89 ± 0.31km						S	08 16 09.0	5.6				
Ryukyu Islands (238)						LN			M _S =6.1	7.0	20.3	
M _S 5.8 / 48, m _B 6.2 / 40, m _B 6.1 / 151						LE				6.0	15.6	
SSE	6.8	307	-iP	08 10 37.0	2.2	+P	08 12 56.5	1.2				
			PMZ	m _B =6.3	1.0	PMZ			m _B =5.7	8.0	2.95	
			PMZ	m _B =6.6	4.0	S	08 16 09.0	4.4				
			iS	08 11 48.0	-3.6	sS	08 16 30.0	1.4				
			LN	M _S =5.7	8.0	ScS	08 24 38.0	1.9				
			LE		7.0	LN			M _S =5.6	8.0	6.60	
			LZ	M _S =5.1	20.0	LE				8.0	6.00	
QZH	8.4	257	+P	08 10 57.0	1.1	LZ			M _S =5.3	35.0	25.0	
			PMZ	m _B =6.6	0.5	eP	08 13 04.0	0.4				
						PP	08 13 22.0	0.6				

Hindu Kush region				(718)		$M_s 4.9 / 36, m_b 5.7 / 12, m_b 5.4 / 49$							
KSH	4.7	48	P	10 50 10.0	0.3	QZH	26.0	302	-P	11 36 56.0	1.4	16.0	0.87
			S	10 51 02.0	-1.6				LN	$M_s = 4.8$		10.0	0.41
			LN						LE			20.0	2.50
WMQ	14.5	54	+IP	10 52 16.7	-2.8	SSE	27.2	316	-P	11 37 07.5	1.8	1.0	0.025
			SMN						PMZ	$m_b = 4.9$		4.0	0.40
			SME						PMZ	$m_b = 5.5$			
GTA	22.6	74	-IP	10 53 53.0	2.8				S	11 41 40.0	0.4	13.0	0.90
			PMZ	$m_b = 5.0$					LN	$M_s = 5.0$		13.0	1.60
			LN						LE			21.0	1.90
LZH	26.1	81	eP	10 54 24.5	0.8	NJ2	29.4	315	+P	11 37 27.0	1.9	10.0	0.80
			PMZ	$m_b = 4.8$					S	11 42 20.0	5.8	10.0	0.80
			pP	10 54 50.0	0.9				LN	$M_s = 4.9$		20.0	1.00
			sP	10 55 00.5	-3.5				LE			20.0	1.00
			LE						LZ	$M_s = 4.5$		10.0	0.50
			LZ			GZH	29.9	295	P	11 37 32.0	2.3	1.4	0.10
CD2	27.4	92	P	10 54 36.8	1.2				LE	$M_s = 4.6$		9.0	0.80
			eS	10 59 10.0	4.3	WHN	31.8	309	P	11 37 47.0	0.0	12.0	0.80
BTO	30.4	70	eP	10 55 03.0	1.2				PMZ	$m_b = 5.4$		11.0	0.70
			LN						S	11 42 58.0	4.9	20.0	0.90
			LE						LN	$M_s = 4.9$		10.0	0.40
HHC	31.5	70	eP	10 55 11.6	-0.3				LE			11.0	0.70
			PMZ	$m_b = 4.9$		QZN	32.3	286	eP	11 37 51.0	-0.3	20.0	0.90
			pP	10 55 38.0	0.0				LN	$M_s = 4.6$		13.0	0.60
			sP	10 55 54.5	1.8	DL2	32.3	328	+P	11 37 53.0	1.6	1.4	0.20
			PcP	10 58 03.0	1.8				PMZ	$m_b = 5.8$		11.0	0.50
			LE						eS	11 43 02.0	0.3	20.0	0.90
GYA	31.6	98	P	10 55 12.4	0.1				LN	$M_s = 4.8$		10.0	0.40
			PMZ	$m_b = 5.4$					LE			11.0	0.70
			LE						LZ	$M_s = 4.5$		20.0	0.90
TIY	32.6	75	eP	10 55 22.0	0.6	TIA	33.0	320	+P	11 37 57.4	-0.2	11.0	0.50
			pP	10 55 48.0	0.3				LE	$M_s = 4.6$		20.0	0.80
			S	11 00 33.0	6.6				LZ	$M_s = 4.4$		11.0	0.50
			sS	11 01 16.5	2.8	SNY	33.7	334	+P	11 38 02.0	-1.2	17.0	3.50
			LE						pP	11 38 13.0	-0.1	1.2	0.071
			LZ						PP	11 39 13.0	-2.9	14.0	1.40
BJI	35.1	70	eP	10 55 43.5	0.9				iS	11 43 27.0	4.0	18.0	2.00
			PMZ	$m_b = 5.1$					SMN			10.0	0.80
			eS	11 01 08.0	2.3				SME			7.0	1.10
			eScP	11 01 42.5	-1.7				LN	$M_s = 5.1$		12.0	1.10
WHN	36.1	87	+P	10 55 52.5	1.5				LE			14.0	1.40
			PMZ	$m_b = 5.4$					LZ	$M_s = 4.9$		18.0	2.00
			pP	10 56 22.8	4.8	MDJ	34.0	343	eP	11 38 06.5	1.0	10.0	0.87
			S	11 01 24.0	3.8				LN	$M_s = 5.0$		10.0	0.55
TIA	36.6	76	-P	10 55 56.4	1.2				LE			10.0	0.55
			PMZ	$m_b = 5.4$		CN2	34.6	338	eP	11 38 10.0	-1.0	4.0	0.30
QZN	37.9	107	eP	10 56 06.9	0.6				PMZ	$m_b = 5.5$		4.0	0.30
GZH	38.5	98	P	10 56 12.0	0.9				eS	11 43 31.0	-6.0	15.0	0.80
NJ2	39.2	82	-P	10 56 17.6	0.8				LN	$M_s = 5.0$		15.0	1.40
			S	11 02 11.0	4.0				LE			17.0	3.50
SNY	40.3	66	eP	10 56 26.6	0.3				LZ	$M_s = 5.2$		17.0	3.50
			S	11 02 21.0	-3.2	BJI	36.1	324	+P	11 38 23.5	-0.2	1.2	0.071
			LE						PMZ	$m_b = 5.4$		1.2	0.071
			LZ						eS	11 43 59.0	-1.1	14.0	1.11
SSE	41.4	82	+P	10 56 36.2	1.3				LN	$M_s = 4.9$		18.0	2.05
			PMZ	$m_b = 5.0$					LZ	$M_s = 4.9$		18.0	2.05
			pP	10 57 04.0	1.8	GYA	36.6	298	P	11 38 30.0	1.6	14.0	0.60
			sP	10 57 14.0	-2.6				LN	$M_s = 4.9$		14.0	1.00
			S	11 02 42.0	2.4				LE			14.0	1.00
			sS	11 03 28.0	-0.2	TIY	36.9	318	-P	11 38 31.4	0.5	1.0	0.090
			LZ						PMZ	$m_b = 5.5$		1.0	0.090
MDJ	44.2	61	eP	10 56 57.5	-0.1				LN	$M_s = 4.7$		15.0	0.65
									LZ	$M_s = 4.6$		20.0	1.00
						XAN	37.5	311	P	11 38 35.0	-0.8	10.0	0.80
									S	11 44 24.0	3.0	10.0	0.80
									LN	$M_s = 5.1$		10.0	0.80

APR 15d 11h 31m $23.0 \pm 0.04g$, SD1.45 / 160
 12.47 N $\pm 0.78km$, 142.77 E $\pm 0.89km$, h37 $\pm 0.10km$
 South of the Marianas (210)

HHC	39.3	322	LE		10.0	0.70	DL2	39.6	71	eP	10 03 29.3	2.1		
			+P	11 38 52.0	1.1		SNY	40.4	66	+P	10 03 34.6	0.0		
			SMN			6.0	0.60			PMZ	$m_b = 5.0$	0.8	0.020	
			SME			10.0	0.50	CN2	41.5	62	+P	10 03 43.0	-0.1	
			LN	$M_s = 5.0$		10.0	0.40			PMZ	$m_b = 4.6$	1.0	0.010	
			LE			12.0	0.80	SSE	41.5	82	+iP	10 03 45.0	1.9	
			LZ	$M_s = 4.8$		18.0	1.20			PMZ	$m_b = 5.0$	1.0	0.025	
BTO	40.1	320	P	11 38 58.0	0.4					pP	10 04 12.0	0.9		
			LN	$M_s = 4.9$		11.0	0.40			sP	10 04 24.5	-1.4		
			LE			15.0	0.80			LZ		16.0	0.50	
CD2	40.4	303	P	11 38 59.4	0.0			MDJ	44.3	61	eP	10 04 05.5	-0.3	
			PMZ	$m_b = 5.8$		1.2	0.20			PMZ	$m_b = 5.0$	1.5	0.036	
			LE	$M_s = 5.1$		10.0	1.10							
LZH	42.2	311	-P	11 39 14.5	0.2			APR 16d 11h 33m $50.2 \pm 0.05s$, SD1.89 / 51 $36.92 N \pm 0.75km$, $73.01 E \pm 0.78km$, $h17 \pm 0.13km$ Afghanistan-USSR border region (717) $M_L 4.6 / 4$, $m_b 4.5 / 13$,						
			PMZ	$m_b = 5.4$		1.5	0.088	KSH	3.5	41	Pg	11 34 51.0	-0.5	
			PMZ	$m_b = 5.8$		5.0	0.73			SMN	$M_L = 4.9$	1.0	4.10	
			S	11 45 34.0	3.5					SME		1.0	3.10	
			LE	$M_s = 5.0$		18.0	1.34	WMQ	13.1	54	P	11 36 57.6	-1.6	
			LZ	$M_s = 4.9$		20.0	1.55			PMZ	$m_b = 4.9$	2.0	0.050	
LSA	50.7	298	eP	11 40 22.2	0.1					sP	11 37 11.5	3.4		
WMQ	56.4	315	P	11 41 03.0	-1.0					S	11 39 30.7	5.3		
			LZ	$M_s = 4.7$		24.0	0.80			PP	11 38 58.6	-1.7		
APR 15d 20h 39m $47.1 \pm 0.08s$, SD2.08 / 52 $56.19 S \pm 1.40km$, $26.67 W \pm 2.05km$, $h31 \pm 0.41km$ South Sandwich Islands region (153) $m_b 5.1 / 6$,							GTA	21.2	75	+iP	11 38 38.4	0.7		
NJ2	146.0	121	+PKP	20 59 25.0	0.9					PMZ	$m_b = 4.3$	0.8	0.010	
SSE	146.3	125	+PKP	20 59 26.0	1.4					pP	11 38 45.0	1.2		
TIY	147.2	107	+PKP	20 59 27.9	1.8					sP	11 38 52.2	5.0		
HHC	148.9	102	ePKP	20 59 32.8	3.8			LZH	24.7	83	eP	11 39 14.0	1.2	
BJI	150.9	108	ePKP	20 59 34.0	2.1					PMZ	$m_b = 4.4$	2.0	0.025	
										pP	11 39 20.0	1.0		
APR 16d 09h 56m $06.6 \pm 0.04s$, SD1.36 / 179 $36.37 N \pm 0.94km$, $71.26 E \pm 0.55km$, $h126 \pm 0.06km$ Hindu Kush region (718) $m_b 5.1 / 76$,							CD2	26.1	94	eP	11 39 26.6	0.8		
WMQ	14.6	54	-iP	09 59 25.7	-2.7			APR 16d 14h 51m $46.9 \pm 0.06s$, SD2.45 / 16 $27.72 N \pm 0.50km$, $101.01 E \pm 0.51km$, $h13 \pm 0.17km$ Yunnan Province (318) $M_s 3.4 / 1$, $M_L 3.3 / 8$,						
			PMZ	$m_b = 5.5$		1.0	0.10	KMI	3.0	148	ePn	14 52 37.0	2.1	
			sP	10 00 04.7	1.9					Pg	14 52 41.5	1.6		
			SMN			1.0	0.30			Sn	14 53 16.0	3.6		
			SME			0.6	0.20			SMN	$M_L = 3.4$	1.5	0.18	
LSA	17.9	106	-iP	10 00 07.5	-2.5					SME		1.0	0.10	
			SMN			3.5	0.30	CD2	4.0	36	ePg	14 52 57.8	0.4	
GTA	22.7	74	P	10 01 00.0	1.5					Sg	14 53 49.1	-2.6		
			PMZ	$m_b = 4.9$		1.0	0.060			SMN	$M_L = 3.4$	1.0	0.090	
			PP	10 01 37.0	4.0					SME		1.0	0.090	
			LN			8.0	0.60			LE	$M_s = 3.4$	9.0	0.50	
			LE			8.0	0.70			LZ	$M_s = 3.4$	11.0	0.55	
			LZ			12.0	0.80	GYA	5.2	103	Pg	14 53 16.0	-2.9	
LZH	26.2	81	+P	10 01 33.0	1.0					Sn	14 54 08.6	1.8		
			PMZ	$m_b = 4.9$		1.6	0.053			SMN	$M_L = 3.3$	1.0	0.020	
CD2	27.5	92	eP	10 01 44.3	0.6					SME		1.0	0.040	
			S	10 06 13.5	0.3			APR 16d 14h 55m $36.1 \pm 0.08s$, SD2.80 / 16 $27.62 N \pm 0.73km$, $101.13 E \pm 0.85km$, $h8 \pm 0.28km$ Yunnan Province (318) $M_s 3.6 / 1$, $M_L 3.5 / 9$,						
BTO	30.5	70	P	10 02 10.5	0.4			CD2	4.0	34	ePn	14 56 40.6	2.6	
XAN	30.7	83	P	10 02 12.3	-0.1					ePg	14 56 45.4	-1.3		
HHC	31.6	69	P	10 02 21.0	0.9					Sg	14 57 36.4	-5.0		
GYA	31.6	98	P	10 02 20.4	0.0					SMN	$M_L = 3.8$	0.8	0.20	
TIY	32.7	75	+P	10 02 30.2	0.6					SME		0.8	0.20	
			LE			13.0	0.32			LE	$M_s = 3.6$	7.5	0.80	
BJI	35.2	70	P	10 02 52.0	1.2					LZ	$M_s = 3.6$	10.0	0.70	
			PMZ	$m_b = 5.2$		0.7	0.034	GYA	5.1	102	Pn	14 56 55.2	2.4	
			epP	10 03 22.0	3.6					Sn	14 57 56.6	3.0		
			eS	10 08 14.0	-0.4					SMN	$M_L = 3.8$	1.2	0.10	
			ScP	10 08 51.5	0.0									
WHN	36.2	86	-P	10 03 01.0	1.8									
TIA	36.7	76	eP	10 03 04.5	1.0									
NJ2	39.3	82	-P	10 03 26.2	1.2									

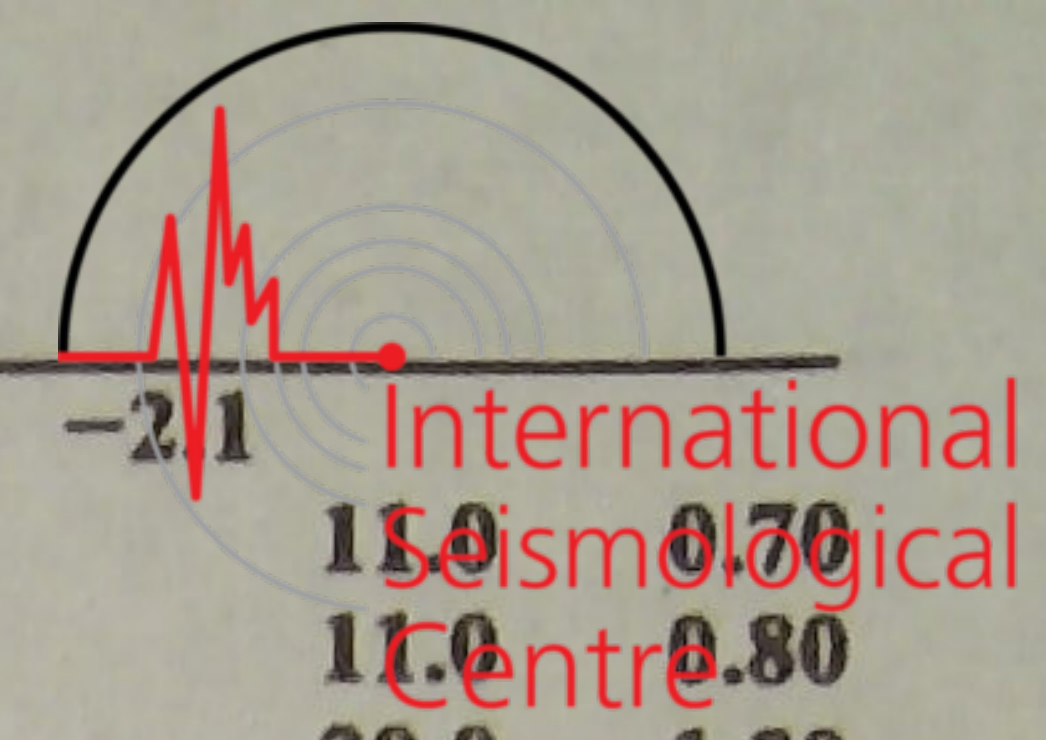
<p>APR 16d 15h 29m 58.8 ± 0.04s, SD1.11 / 220 37.31 N ± 0.53km, 116.40 W ± 0.47km, h2 ± 0.10km California-Nevada border region (40) M_s5.3 / 3, m_b5.4 / 75,</p>							<p>60.78 N ± 0.83km, 166.91 E ± 0.51km, h20 ± 0.14km Eastern Siberia (671) M_s5.2 / 29, m_b5.5 / 2, m_b5.2 / 80</p>								
TIY	13.8	41	eP	14 58 58.0	2.7	1.2	0.10	MDJ	27.3	251	eP	05 37 54.2	-1.4		
CN2	25.4	44	eP	15 01 07.5	1.9						LN		M _g = 5.1	16.0	2.40
<p>APR 17d 01h 55m 48.5 ± 0.04s, SD1.83 / 11 40.63 N ± 0.39km, 108.58 E ± 0.32km, h9 ± 0.08km Northern China (323) M_L3.5 / 13,</p>							<p>APR 17d 03h 57m 48.1 ± 0.48s, SD1.58 / 10 23.84 N ± 3.56km, 121.06 E ± 2.47km, h5 ± km Taiwan (244) M_L3.5 / 8, m_b4.3 / 1,</p>								
MDJ	79.0	318	eP	15 42 05.5	-1.3			CN2	29.9	254	P	05 38 18.0	-0.6		
CN2	81.7	320	eP	15 42 20.0	-1.3	1.0	0.020				PMZ		m _b = 4.9	1.0	0.020
SNY	84.1	319	-P	15 42 34.2	0.8	1.6	0.050				eS	05 43 15.0	1.5		
BJI	89.2	322	eP	15 42 58.0	-0.2	1.2	0.014	SNY	32.3	254	+P	05 38 39.6	-0.1		
HHC	90.7	326	P	15 43 05.8	0.4						S	05 43 54.0	3.7		
BTO	91.6	327	P	15 43 10.0	0.5						LN		M _g = 5.0	14.0	1.10
TIA	91.6	319	eP	15 43 09.6	-0.1						LE			12.0	1.00
TIY	92.8	323	P	15 43 15.9	0.8						LZ		M _g = 5.2	14.0	3.60
			LN		M _s = 5.7	8.0	0.67	BJI	37.2	260	P	05 39 22.0	0.1		
			LZ		M _s = 5.1	16.0	0.60				PMZ		m _b = 5.3	1.2	0.068
SSE	93.2	314	+iP	15 43 17.5	0.4	1.0	0.024				eS	05 45 08.0	0.7		
NJ2	93.9	316	+P	15 43 20.5	0.6	16.0	0.50				LN		M _g = 5.0	12.0	0.70
WMQ	96.3	343	eP	15 43 30.8	-0.7						LE			12.0	0.72
GTA	96.7	333	eP	15 43 32.8	-0.3			HHC	38.8	265	P	05 39 36.8	1.2		
			PMZ		m _b = 5.4	1.4	0.010				S	05 45 30.0	-1.0		
XAN	97.4	323	eP	15 43 35.6	-0.7						LN		M _s = 5.1	10.0	0.60
<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>							<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>								
BTO	1.1	91	Pg	01 56 07.1	-0.9						LE			7.0	0.60
			Pn	01 56 09.6	-0.8						LZ		M _g = 4.9	12.0	1.20
			Sg	01 56 22.2	-0.7			BTO	39.7	266	eP	05 39 44.5	1.0		
			Sn	01 56 26.8	-0.7			TIY	40.8	261	eP	05 39 52.8	0.5		
			SMN		M _L = 3.2	0.4	0.38				LN		M _s = 5.0	12.0	0.90
			SME			0.4	0.51				LZ		M _s = 4.9	14.0	1.31
			SMZ		M _L = 3.2	0.4	0.31	SSE	42.1	246	+P	05 40 03.5	0.6		
HHC	2.3	84	Pg	01 56 28.2	-0.7						PMZ		m _b = 4.9	1.1	0.020
			Sg	01 56 59.2	-0.7						eS	05 46 26.0	4.4		
			SMN		M _L = 3.8	0.6	0.58				LN		M _s = 5.1	14.0	1.10
			SME			0.6	0.60				LE			14.0	0.40
			SMZ		M _L = 3.8	0.4	0.46				LZ		M _s = 4.6	20.0	0.90
TIY	4.2	133	ePn	01 56 56.0	3.1			NJ2	42.4	250	-P	05 40 05.5	0.5		
			Sn	01 57 48.0	4.2						S	05 46 29.0	4.6		
			SMN		M _L = 3.0	0.6	0.040				LN		M _s = 5.3	15.0	0.80
			SME			0.6	0.020				LE			16.0	2.30
GTA	6.8	263	ePn	01 57 29.6	0.1						LZ		M _s = 4.5	20.0	0.70
			SMN		M _L = 3.1	1.0	0.010	XAN	45.5	261	eP	05 40 29.2	-0.8		
			SME			0.6	0.010	GTA	45.7	274	-iP	05 40 32.4	0.7		
<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>							<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>								
QZH	2.5	296	Pn	03 58 30.2	0.4						PMZ		m _b = 5.1	1.0	0.030
			SMN		M _L = 3.6	0.7	0.34				pP	05 40 37.6	-1.1		
			SME			0.7	0.31				SS	05 50 30.0	1.9		
SSE	7.2	1	eP	03 59 38.0	0.8						LN		M _s = 5.2	11.0	1.20
			SMN		M _L = 3.5	1.0	0.020				LZ		M _s = 4.8	23.0	1.40
NJ2	8.4	347	eP	03 59 56.5	2.8			WHN	45.7	253	eP	05 40 33.7	1.6		
			eS	04 01 34.0	4.0						eS	05 47 19.0	5.0		
<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>							<p>APR 17d 05h 32m 09.8 ± 0.05s, SD0.99 / 185</p>								
											LN		M _s = 5.1	16.0	0.90
											LE			14.0	0.70
											LZ		M _s = 4.6	16.0	0.60
								LZH	46.3	267	-iP	05 40 37.5	0.8		
											PMZ		m _b = 5.3	2.0	0.10
											LE		M _s = 5.2	15.0	1.45
								WMQ	48.1	287	P	05 40 51.5	0.5		
											PMZ		m _b = 4.8	2.0	0.030
											pP	05 40 57.7	-0.3		
											LN		M _s = 5.7	7.0	1.70
											LE			6.0	0.90
											LZ		M _s = 4.8	16.0	0.80
								CD2	50.5	264	eP	05 41 09.0	-0.4		
											PMZ		m _b = 5.0	1.0	0.020
											eS	05 48 21.5	0.0		
											LE		M _s = 5.3	12.0	1.22



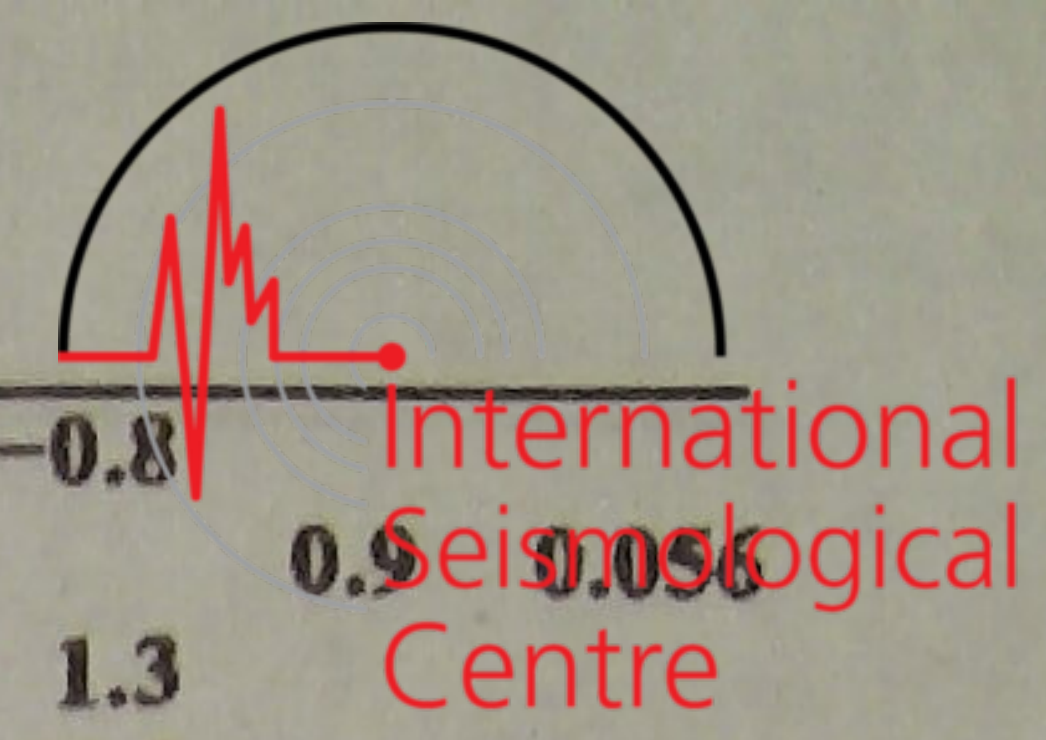
GYA	52.8 258	LZ	$M_s=4.7$	15.0	0.62	TIY	15.9 334	LE	08 40 55.2	4.4	BJI	16.8 346	eP	08 41 06.5	3.5			
		P	05 41 26.8	0.0	LE			$M_g=4.0$	14.9	eP			08 41 31.2	2.0				
		S	05 48 55.0	3.3	LZ			$M_s=5.3$	15.0	eP			08 42 22.3	1.0				
		LN			15.0			0.80	GTA	24.0 316			eP					
KMI	55.8 260	-P	05 41 48.5	-0.3			PMZ	$m_b=4.1$	1.4	0.010								
		PMZ	$m_b=5.2$	1.2	0.040	<p>APR 17d 09h 14m $15.1 \pm 0.03s$, SD1.23 / 47 12.77 N $\pm 0.58km$, 124.43 E $\pm 0.86km$, h75 $\pm 0.08km$ Luzon (249) $M_s4.6 / 2$, $m_b4.8 / 1$, $m_b5.0 / 14$</p>												
QZN	57.7 250	eP	05 42 03.0	1.1		NJ2	19.9 346	-P	09 18 43.0	0.0	WHN	20.0 334	eP	09 18 45.6	1.2			
		LN	$M_s=5.4$	16.0	0.70			LN	$M_g=4.9$	15.0			0.80	sP	09 19 06.0	-3.6		
		LE		16.0	1.30			LE	$M_s=4.0$	20.0	0.60							
<p>APR 17d 08h 04m $45.1 \pm 0.04s$, SD2.04 / 31 30.38 N $\pm 0.46km$, 110.97 E $\pm 0.39km$, h9 $\pm 0.03km$ Eastern China (664) $M_s3.7 / 6$, $M_L4.0 / 23$, $m_b4.1 / 1$</p>											<p>LE</p>					$M_s=4.4$	10.0	0.60
WHN	2.9 86	Pn	08 05 33.5	1.4		GYA	21.5 312	P	09 19 03.0	2.8	XAN	25.4 329	P	09 19 37.0	-1.0			
		Pg	08 05 41.0	4.2				LN	$M_s=4.4$	10.0			0.60	CD2	26.3 317	eP	09 19 42.0	-3.6
		Sn	08 06 11.0	1.7				SME		0.9			0.20			BJI	28.1 346	eP
		Sg	08 06 22.5	5.7				LN	$M_s=3.7$	6.0			0.70	PMZ	$m_b=4.8$	1.1	0.021	
XAN	4.0 335	SMN	$M_L=3.9$	1.0	0.60	SNY	29.0 359	+P	09 20 09.8	-0.2	MDJ	32.0 7	eP	09 20 37.0	-0.2			
		SME		0.7	0.30			CD2	26.3 317	eP			09 19 42.0	-3.6				
		Pn	08 05 47.5	0.0						BJI			28.1 346	eP	09 20 02.0	-0.5		
		Pg	08 05 56.5	0.1				LN	$M_s=3.7$	6.0			0.70					
CD2	6.2 277	SMN	$M_L=3.9$	0.8	0.30	APR 17d 09h 23m $52.6 \pm 0.04s$, SD2.23 / 34 35.13 N $\pm 0.35km$, 111.01 E $\pm 0.39km$, h11 $\pm 0.10km$ Eastern China (664) $M_s3.6 / 3$, $M_L4.0 / 25$, $m_b4.4 / 1$	XAN	2.0 238	-iPn	09 24 28.5	1.1	WHN	5.4 148	ePn	09 25 15.5	2.5		
		SME		0.9	0.20				Pg	09 24 32.0	3.3			Sg	09 26 44.0	3.3		
		LN	$M_s=3.7$	8.0	0.60				SMN	$M_L=3.5$	0.9						0.54	
		ePn	08 06 18.0	0.3					SME		0.7			0.30				
NJ2	7.0 74	ePg	08 06 37.0	1.8		LN	9.0	0.60	LE	11.0	0.70	TIY	2.8 24	ePg	09 24 42.3	-0.3		
		SMN	$M_L=4.4$	1.0	0.20									Sg	09 25 15.3	-5.7		
		SME		1.0	0.30									SMN	$M_L=4.0$	0.8	0.64	
		LN	$M_s=3.7$	8.0	0.60									SME		0.7	0.68	
GZH	7.6 163	-Pn	08 06 29.5	1.9		LN	9.0	0.60	LE	11.0	0.70	TIA	5.1 76	ePg	09 25 24.1	1.5		
		eSn	08 07 52.5	3.3										Sg	09 26 26.5	-5.6		
		SMN	$M_L=4.2$	1.0	0.10									SMN	$M_L=3.9$	1.2	0.10	
		SME		1.0	0.10									SME		1.0	0.20	
GZH	7.3 267	LN	$M_s=3.7$	8.0	0.40	SMZ		0.9	0.10	WHN	5.4 148	ePn	09 25 15.5	2.5				
		LE		7.0	0.20							Sn	09 26 17.5	0.6				
		ePn	08 06 37.4	1.5								Sg	09 26 44.0	3.3				
		SMN	$M_L=4.3$	0.9	0.10							SMN	$M_L=4.1$	1.0	0.20			
SSE	7.4 359	SME		1.0	0.10	SME		1.2	0.20	BTO	5.5 352	ePn	09 25 15.8	0.6				
		LN	$M_s=3.7$	8.0	0.40							ePg	09 25 26.4	-3.6				
		LE		7.0	0.20							Sg	09 26 41.2	-4.2				
		ePn	08 06 37.4	1.5								SMN	$M_L=4.0$	1.0	0.10			
QZH	2.7 297	+Pn	08 37 48.9	-0.5		SME		1.0	0.092	HHC	5.7 4	Pg	09 25 34.6	0.6				
		iSn	08 38 23.0	-1.8								Sg	09 26 45.4	-6.6				
		SMN	$M_L=4.1$	0.8	0.90							SMN	$M_L=4.3$	0.8	0.20			
		SME		0.8	0.82							SME		1.2	0.30			
GZH	7.3 267	LN		6.0	0.84	LZH	5.9 281	ePn	09 25 24.0	3.2	WHN	5.4 148	ePn	09 25 15.5	2.5			
		LE		6.0	0.79			Sn	09 26 17.5	0.6								
		eP	08 38 52.0	-2.7				Sg	09 26 44.0	3.3								
		S	08 40 24.0	5.3				SMN	$M_L=4.1$	1.0			0.20					
SSE	7.4 359	SMN	$M_L=4.5$	0.9	0.30	SME		1.2	0.20	BTO	5.5 352	ePn	09 25 15.8	0.6				
		SME		0.9	0.10							ePg	09 25 26.4	-3.6				
		P	08 38 54.0	-1.4								Sg	09 26 41.2	-4.2				
		S	08 40 15.5	-4.6								SMN	$M_L=4.0$	1.0	0.10			
NJ2	8.6 346	SMN	$M_L=4.1$	1.1	0.058	SME		1.0	0.20	HHC	5.7 4	Pg	09 25 34.6	0.6				
		SME		1.0	0.092							Sg	09 26 45.4	-6.6				
		LZ	$M_s=3.5$	12.0	0.40							SMN	$M_L=4.3$	0.8	0.20			
		eP	08 39 09.0	-3.5								SME		1.2	0.30			
GYA	13.5 285	SMN	$M_L=4.5$	1.0	0.10	LZH	5.9 281	ePn	09 25 24.0	3.2	WHN	5.4 148	ePn	09 25 15.5	2.5			
		SME		1.0	0.10			Pg	09 25 42.0	4.9								
		LE	$M_g=3.8$	12.0	0.60			Sn	09 26 30.0	-0.7								
		P	08 40 20.0	0.1				Sg	09 26 56.5	-1.5								
GYA	13.5 285	SMN		1.8	0.10	SMN		1.5	0.53	SME		1.5	0.44					
		SME		1.8	0.10													
		LN	$M_g=4.7$	7.0	1.20													

BTO	32.3	71	LE	$M_S=5.1$	13.0	1.80	SNY	42.1	66	+P	09 26	20.0	-1.4						
			LZ	$M_S=5.1$	28.0	5.90					pP	09 26	27.6	-3.2					
			P	09 24	59.5	0.7					S	09 32	32.0	-6.2					
			ePP	09 26	10.0	3.8					SS	09 35	42.0	0.5					
			S	09 30	15.0	6.4					LZ		$M_S=5.5$	15.0	4.50				
XAN	33.0	84	ScS	09 35	28.0	4.8	CN2	43.1	63	eP	09 26	28.5	-0.5						
			LN	$M_S=5.6$	12.0	4.00				PMZ		$m_b=4.9$	1.0	0.020					
			LE		12.0	4.50				epP	09 26	37.0	-1.4						
			P	09 25	02.8	-1.5				eS	09 32	54.0	1.5						
			S	09 30	22.0	3.5				eSS	09 36	00.0	1.3						
HHC	33.4	71	LN	$M_S=5.6$	11.0	4.00	SSE	43.7	82	LN	$M_S=5.7$	11.0	2.20						
			LE		13.0	2.70				LE			11.0	3.00					
			eP	09 25	10.0	1.4				LZ		$M_S=6.0$	15.0	15.0					
			PMZ		$m_B=5.9$	4.0				0.70	-P	09 26	35.0	1.0					
			sP	09 25	21.5	-0.1					PMZ		$m_b=5.3$	1.0	0.050				
GYA	34.2	98	PP	09 26	20.0	-0.5	QZH	44.3	92	PMZ		$m_B=6.1$	4.0	1.27					
			S	09 30	23.6	-2.5				LN		$M_S=5.4$	14.0	2.14					
			LN	$M_S=5.6$	8.0	1.90				LE			14.0	1.10					
			LE		6.0	2.10				LZ		$M_S=5.2$	20.0	2.75					
			LZ		$M_S=5.7$	9.0				6.00	eP	09 26	39.0	-0.1					
TIY	34.7	76	P	09 25	15.0	0.3	MDJ	45.8	61	eS	09 33	12.0	1.1						
			S	09 30	38.0	1.0				LN		$M_S=5.2$	15.0	1.70					
			sS	09 30	49.0	-4.2				LZ		$M_S=5.3$	20.0	3.70					
			LN	$M_S=5.4$	12.0	3.10				eP	09 26	50.5	-0.4						
			LE		12.0	1.50				PMZ		$m_b=6.0$	4.0	0.82					
BJI	37.1	71	LZ	$M_S=5.0$	24.0	3.10	QZH	76.7	304	eS	09 33	30.0	-2.0						
			LZ	$M_S=5.3$	16.0	4.50				LN		$M_S=5.8$	13.0	2.90					
			eP	09 25	40.0	0.8				LE			13.0	3.70					
			ePP	09 27	08.0	2.2				LZ		$M_S=5.0$	30.0	2.90					
			eS	09 31	20.0	-2.7													
WHN	38.5	86	LN	$M_S=5.5$	14.0	3.83	APR 18d 09h 41m $19.9 \pm 0.03s$, $SD0.99 / 423$ $22.89 S \pm 0.77km$, $179.31 W \pm 0.74km$, $h471 \pm 0.29km$ South of Fiji (171) $m_B 5.9 / 17$, $m_b 5.6 / 87$,												
			LZ	$M_S=5.4$	21.0	6.70	QZH	78.3	311	iP	09 52	23.0	-0.6						
			+P	09 25	52.5	1.3				PMZ		$m_b=5.9$	1.0	0.48					
			PMZ		$m_b=5.4$	1.5				0.10	PMZ		$m_B=5.8$	4.0	1.50				
			PMZ		$m_B=5.9$	4.0				0.90	+iP	09 52	31.9	-0.2					
LN	$M_S=5.6$	13.0	4.00	PMZ		$m_b=4.9$				1.0	0.049								
TIA	38.7	77	LE		13.0	1.70	GZH	79.8	300	+P	09 52	40.0	-0.2						
			LZ	$M_S=5.0$	20.0	2.50				NJ2	80.5	311	+P	09 52	43.8	0.2			
			eP	09 25	54.5	1.2				PMZ				$m_b=5.6$	1.0	0.20			
			PMZ		$m_B=6.0$	4.0				1.00			PMZ		$m_B=5.6$	5.0	1.20		
			PP	09 27	25.0	-1.0							S	10 02	10.0	0.4			
eS	09 31	52.5	4.2		P	09 52	45.0	0.1											
QZN	40.6	105	LN	$M_S=5.5$	11.0	2.10	QZN	80.7	295	S	10 02	14.0	1.8						
			LE		11.0	2.60				MDJ	81.8	326	-P	09 52	48.0	-2.3			
			LZ	$M_S=5.0$	24.0	2.90							PMZ		$m_b=5.5$	1.2	0.21		
			eP	09 26	08.5	-0.1							PMZ		$m_B=5.9$	4.0	1.50		
			LN	$M_S=5.3$	17.0	1.70							S	10 02	22.0	-0.7			
LE		15.0	1.70	P	09 52	55.0	0.4												
GZH	41.1	97	P	09 26	11.0	-1.8	DL2	82.6	318	PMZ		$m_b=5.6$	1.5	0.30					
			eS	09 32	22.0	-1.5					WHN	82.9	307	+iP	09 52	57.0	1.1		
			LN	$M_S=5.6$	8.0	0.90				PMZ				$m_b=5.9$	2.0	0.70			
			LE		7.0	2.00				S	10 02			37.0	3.3				
			LZ	$M_S=5.2$	20.0	3.10				SNY	83.3			321	+iP	09 52	57.2	-0.5	
P	09 26	18.0	2.5	PMZ		$m_b=5.2$	1.0	0.070											
PMZ		$m_B=5.9$	4.0	0.80	pP	09 54	37.6	-4.0											
S	09 32	32.0	4.5		+iP	09 52	58.5	-0.2											
LN	$M_S=5.5$	7.0	1.40	CN2	83.5	323	PMZ		$m_b=5.6$			1.0	0.20						
LE		7.0	1.10				PMZ		$m_B=5.9$	4.0	1.40								
LZ	$M_S=5.3$	20.0	3.70				pP	09 54	44.0	1.4									
-P	09 26	17.6	1.6				eS	10 02	42.0	1.1									
PMZ		$m_b=5.6$	1.0				0.10	TIA	84.0	313	+P	09 53	01.6	0.2					
PMZ		$m_B=6.0$	4.0	1.00	PMZ		$m_b=5.8$				1.1	0.30							
LN	$M_S=5.5$	11.0	1.60	PMZ		$m_B=5.8$	6.0				1.70								
LE		13.0	2.80	eS	10 02	48.0	1.8												
LZ	$M_S=5.0$	16.0	1.80	BJI	86.7	316	+iP				09 53	14.5	-0.2						

<p>APR 18d 13h 16m 00.7 ± 0.03s, SD0.98 / 137 3.42 N ± 0.51km, 122.30 E ± 0.66km, h615 ± 0.24km Celebes Sea (262) m_b5.2 / 51,</p>					<p>LZ M_g=4.7 13.0 1.20 BJI 37.2 260 eP 20 01 08.5 0.9 PMZ m_b=5.0 1.0 0.027 HHC 38.8 265 eP 20 01 22.4 1.1 LE M_g=4.4 10.0 0.20 BTO 39.8 266 eP 20 01 30.2 1.0 TIY 40.8 261 eP 20 01 39.0 1.0 GTA 45.7 274 eP 20 02 17.4 0.0 PMZ m_b=4.5 1.2 0.010 LE M_g=4.7 9.0 0.30 LZ M_g=4.4 20.0 0.40 LZH 46.3 267 +iP 20 02 22.8 0.4 PMZ m_b=5.1 2.0 0.054 pP 20 02 30.8 2.5 sP 20 02 34.8 3.6 LE M_g=4.8 15.0 0.62 WMQ 48.1 287 P 20 02 37.2 0.6 CD2 50.5 263 eP 20 02 54.9 -0.2 GYA 52.8 258 P 20 03 13.0 0.4</p>				
<p>QZN 19.7 323 eP 13 19 51.2 -1.8 S 13 22 57.0 -2.1 GYA 27.4 328 P 13 21 02.0 0.8 SSE 27.6 358 +iP 13 21 03.0 0.5 PMZ m_b=4.8 1.0 0.024 WHN 28.0 345 -P 13 21 08.5 2.1 PMZ m_b=4.8 0.7 0.020 KMI 28.6 321 +P 13 21 13.5 1.3 NJ2 28.7 354 -P 13 21 13.2 1.1 PMZ m_b=5.4 1.0 0.10 ScP 13 26 46.2 0.6 CD2 32.5 329 eP 13 21 44.4 0.0 TIA 33.0 352 eP 13 21 48.7 0.1 TIY 35.3 346 +P 13 22 08.0 0.0 LZH 36.7 335 eP 13 22 19.8 0.2 PMZ m_b=4.6 2.0 0.036 BJI 36.9 352 eP 13 22 20.5 -0.2 PMZ m_b=4.7 1.2 0.028 S 13 27 24.5 0.0 ScS 13 31 23.5 0.3 SNY 38.3 2 +iP 13 22 31.6 -0.5 PMZ m_b=4.5 0.8 0.010 pP 13 24 06.2 0.0 HHC 38.5 347 eP 13 22 32.4 -1.8 LSA 39.4 315 iP 13 22 42.3 0.4 SME 3.0 0.23 CN2 40.3 4 eP 13 22 47.3 -1.3 GTA 41.2 333 -P 13 22 56.7 0.6 PMZ m_b=4.4 1.0 0.010 MDJ 41.5 8 +P 13 22 58.0 -0.3 PMZ m_b=5.5 0.8 0.11 WMQ 50.5 328 P 13 24 06.5 -0.2</p>					<p>APR 19d 02h 55m 06.3 ± 0.05s, SD0.93 / 115 60.93 N ± 0.83km, 166.88 E ± 0.51km, h11 ± 0.14km Eastern Siberia (671) M_g4.8 / 4, m_b4.9 / 55, CN2 29.9 254 eP 03 01 16.7 0.1 PMZ m_b=4.6 1.0 0.010 epP 03 01 23.0 0.8 LZ M_g=4.7 15.0 1.20 SNY 32.3 254 -P 03 01 38.0 0.3 LZ M_g=4.3 18.0 0.50 BJI 37.2 259 eP 03 02 20.5 0.8 HHC 38.8 265 eP 03 02 34.2 0.9 BTO 39.7 266 eP 03 02 42.0 0.8 TIY 40.8 261 eP 03 02 50.8 0.7 LN M_g=4.5 10.0 0.27 LZ M_g=4.6 11.0 0.49 GTA 45.6 274 P 03 03 30.0 0.7 PMZ m_b=4.8 1.2 0.020 LN M_g=4.7 10.0 0.30 LZ M_g=4.8 12.0 0.60 LZH 46.3 267 +iP 03 03 34.6 0.2 PMZ m_b=5.3 1.0 0.050 WMQ 48.1 287 P 03 03 49.0 0.7 LN M_g=5.3 6.0 0.60 LE 6.0 0.40 CD2 50.5 263 eP 03 04 06.6 -0.6 GYA 52.8 258 P 03 04 25.0 0.3</p>				
<p>APR 18d 16h 44m 44.6 ± 0.08s, SD1.98 / 22 39.62 N ± 0.96km, 73.84 E ± 0.58km, h23 ± 1.01km Tadzhikistan-Xinjiang border region (719) M_g4.1 / 2, M_L4.4 / 4, m_b4.4 / 1 KSH 1.6 93 iPg 16 45 14.5 1.0 Sg 16 45 40.0 4.5 SMN M_L=3.8 1.0 1.20 SME 1.0 1.10 WMQ 11.2 64 P 16 47 25.4 -1.1 S 16 49 38.0 6.7 LN M_g=4.4 8.0 0.95 LE 8.0 0.42 LZ M_g=3.9 10.0 0.55 LSA 17.3 120 eP 16 48 46.8 -0.4 GTA 20.0 82 eP 16 49 18.2 -1.0 pP 16 49 21.2 -4.7 sP 16 49 25.4 -4.3 LZH 23.9 89 eP 16 50 01.0 2.9 PMZ m_b=4.4 2.0 0.030 pP 16 50 05.0 -0.2</p>					<p>APR 19d 04h 51m 40.0 ± 0.03s, SD1.17 / 161 13.80 N ± 0.57km, 120.83 E ± 0.76km, h172 ± 0.18km Mindoro (250) m_b5.6 / 9, m_b5.3 / 68, QZH 11.3 350 -iP 04 54 17.5 0.2 PMZ m_b=6.1 0.7 0.45 PMZ m_b=5.7 4.0 1.20 S 04 56 19.0 -1.4 LZ 13.0 8.30 GZH 11.6 324 P 04 54 21.6 -0.4 LN 10.0 1.10 LE 9.0 1.10 LZ 14.0 1.50 QZN 11.7 298 -iP 04 54 23.5 0.1 PMZ m_b=5.6 1.4 0.30 PMZ m_b=5.6 5.0 1.10 SSE 17.2 1 -P 04 55 32.5 0.9 PMZ m_b=5.1 1.0 0.074 IS 04 58 40.0 4.0 LZ 12.0 0.45</p>				
<p>APR 18d 19h 53m 54.5 ± 0.06s, SD1.22 / 100 60.80 N ± 1.07km, 166.92 E ± 0.67km, h13 ± 0.13km Eastern Siberia (671) M_g4.8 / 6, m_b5.0 / 49, CN2 29.9 254 eP 20 00 04.0 -0.4 PMZ m_b=4.6 1.0 0.010 epP 20 00 12.0 1.6 LN M_g=4.4 13.0 0.30 LE 13.0 0.30</p>									

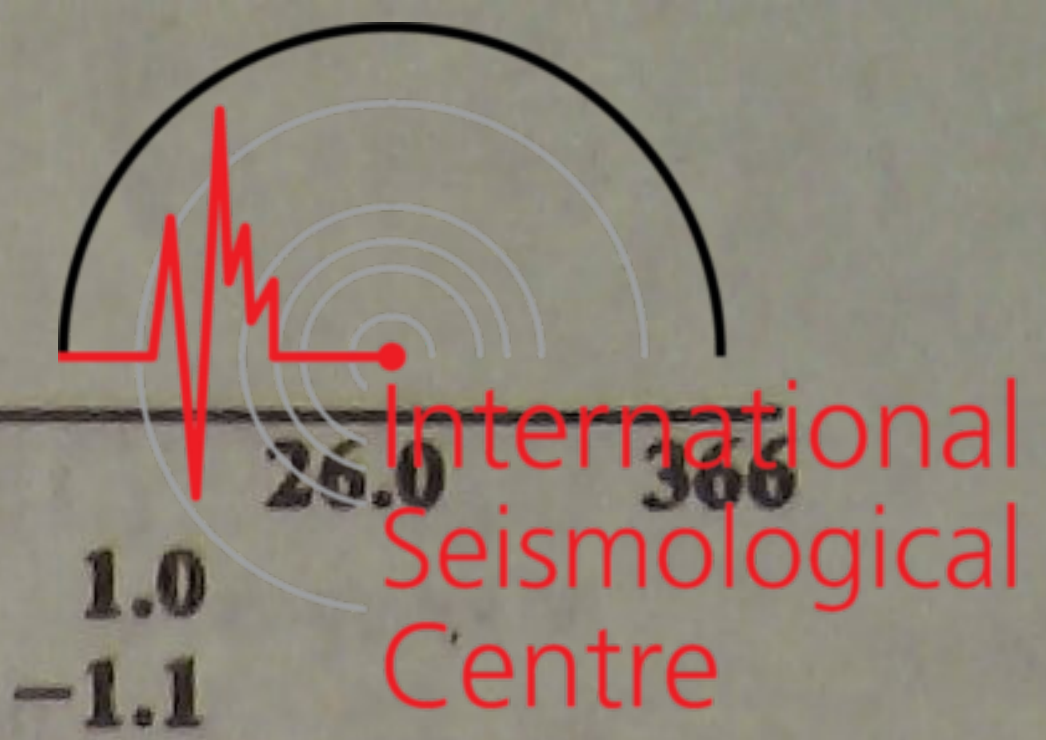


Station	Mag	Time	Phase	Time	Mag	Time	Phase	Time	Mag	Time	Phase	Time	Mag	Time	Phase	Time	Mag	Time	Phase	Time	
GYA	72.2	292	P	18 30 34.2	0.0																
APR 19d 21h 48m 35.7 ± 0.03s, SD1.16 / 359 6.84 S ± 0.81km, 129.57 E ± 1.07km, h126 ± 0.10km Banda Sea (280) m _b 6.2 / 42, m _b 5.9 / 90,																					
QZN	32.2	323	+iP	21 54 54.0	-0.5																
			PMZ		m _b = 5.8	1.1	0.20														
			PMZ		m _B = 6.0	5.0	1.40														
			sP	21 55 36.0	-0.7																
			iS	21 59 54.5	-3.1																
			sS	22 00 42.0	-3.3																
QZH	33.4	342	+iP	21 55 03.5	-0.6																
			PMZ		m _b = 6.3	0.7	0.38														
			PMZ		m _B = 6.3	3.5	1.90														
			sP	21 55 46.5	0.1																
			iS	22 00 12.0	-2.9																
			sS	22 00 58.5	-4.2																
			LN			10.0	0.78														
			LZ			14.0	1.70														
GZH	33.7	332	P	21 55 06.0	-1.2																
			eS	22 00 17.0	-3.5																
			LN			13.0	1.80														
			LE			13.0	2.10														
SSE	38.6	348	-P	21 55 47.5	-0.6																
			PMZ		m _b = 5.8	1.0	0.16														
			PMZ		m _B = 6.1	4.0	1.30														
			iS	22 01 32.0	-2.6																
			ScP	22 01 33.0	0.1																
			sS	22 02 20.0	-3.3																
			LN			14.0	1.10														
			LE			13.0	1.10														
			LZ			20.0	1.80														
GYA	39.9	327	iP	21 55 59.4	0.4																
			PMZ		m _b = 5.8	1.2	0.20														
			PP	21 57 38.0	2.2																
			PcP	21 58 03.6	1.3																
			ScP	22 01 40.0	2.0																
			S	22 01 48.0	-5.3																
			sS	22 02 41.0	-2.0																
			ScS	22 05 53.0	3.0																
			LN			15.0	2.40														
			LE			15.0	2.00														
			LZ			18.0	1.30														
WHN	39.9	339	+P	21 56 00.0	0.6																
			PMZ		m _b = 6.3	1.5	0.90														
			pP	21 56 30.0	2.6																
			ScP	22 01 40.0	1.8																
			S	22 01 54.0	-0.2																
			sS	22 02 46.0	2.0																
			LE			11.0	0.90														
NJ2	40.0	346	+P	21 56 00.8	0.8																
			PMZ		m _b = 5.9	1.0	0.20														
			PMZ		m _B = 6.2	4.0	1.90														
			pP	21 56 29.0	1.0																
			sP	21 56 43.0	0.2																
			PcP	21 58 04.0	1.3																
			ScP	22 01 39.4	0.9																
			S	22 01 55.5	0.3																
			sS	22 02 44.2	-0.8																
			ScS	22 05 52.0	1.3																
			LN			7.0	0.40														
			LE			11.0	0.90														
KMI	41.1	322	+iP	21 56 10.5	0.9																
			PMZ		m _b = 6.1	2.0	0.75														
			PMZ		m _B = 6.2	4.0	1.70														
			PP	21 57 49.0	0.5																
			ScP	22 01 45.5	2.5																
			S																		
			LN																		
			LE																		
			LZ																		
			S																		
			sS																		
			ScS																		
			LN																		
			LE																		
			LZ																		
			S																		
			sS																		
			ScS																		
			LN																		
			LE																		
			LZ																		
			S																		
			sS																		
			ScS																		
			LN																		
			LE																		
			LZ																		
			S																		
			sS																		
			ScS																		
			LN																		
			LE																		
			LZ																		
			S																		



Station	ML	Mb	Phase	Time	Depth (km)	Distance (km)	Delta T (s)	ML	Mb	Phase	Time	Depth (km)	Distance (km)	Delta T (s)	ML	Mb	Phase	Time	Depth (km)	Distance (km)	Delta T (s)	
SMN	3.1																					
SME																						
<p>APR 21d 01h 41m 25.8 ± 0.06s, SD3.42 / 6 22.71 N ± 0.47km, 100.52 E ± 0.77km, h10 ± 0.92km Burma-China border region (297) ML 3.3 / 4,</p>																						
KMI	3.2	40	ePg	01 42	21.0		-1.0															
			Sg	01 43	07.0		2.0															
			SMN			ML = 3.1		1.5	0.070													
			SME					2.0	0.070													
<p>APR 21d 11h 17m 46.0 ± 0.03s, SD1.07 / 224 4.35 S ± 0.57km, 143.83 E ± 0.79km, h102 ± 0.05km New Guinea (202) mb 5.6 / 7, mb 5.5 / 60,</p>																						
QZH	38.1	321	+iP	11 24	57.5		0.8															
			PMZ			mb = 5.7		0.8	0.10													
			pP	11 25	25.0		5.1															
			S	11 30	42.0		1.1															
GZH	40.4	314	P	11 25	17.5		1.8															
			eS	11 31	12.0		-4.2															
QZN	40.7	306	eP	11 25	20.7		2.0															
SSE	41.3	330	+P	11 25	24.0		0.3															
			PMZ			mb = 5.9		0.9	0.18													
			PMZ			mb = 5.6		4.0	0.40													
			pP	11 25	49.0		2.0															
			S	11 31	32.0		2.2															
			LN					14.0	0.40													
			LZ					20.0	0.50													
NJ2	43.3	328	+P	11 25	41.0		1.3															
			PMZ			mb = 5.6		1.0	0.10													
			pP	11 26	06.0		2.9															
			ScP	11 31	09.5		2.2															
			S	11 32	02.0		3.6															
			SS	11 35	15.0		5.7															
WHN	44.7	323	+P	11 25	53.0		2.0															
			PMZ			mb = 5.6		1.0	0.10													
			S	11 32	25.0		6.4															
GYA	47.2	312	P	11 26	12.6		1.4															
			pP	11 26	38.0		3.3															
			S	11 33	00.0		5.2															
TIA	47.5	330	+P	11 26	12.4		-0.4															
			PMZ			mb = 5.8		0.8	0.10													
			pP	11 26	37.5		1.1															
			S	11 33	00.0		2.1															
DL2	47.7	336	+P	11 26	15.0		0.4															
			pP	11 26	40.5		2.3															
			S	11 33	04.0		3.0															
			SME					5.0	0.30													
SNY	49.5	340	+iP	11 26	28.2		-0.6															
			PMZ			mb = 5.8		0.8	0.10													
			PMZ			mb = 5.9		4.0	0.60													
			pP	11 26	55.3		2.8															
			S	11 33	29.0		2.3															
			SME					6.0	0.50													
			sS	11 34	12.5		3.2															
MDJ	50.4	347	eP	11 26	34.5		-0.9															
			PMZ			mb = 5.5		0.7	0.040													
XAN	50.4	322	+P	11 26	35.3		-0.5															
			S	11 33	41.0		1.8															
CN2	50.7	343	+P	11 26	36.0		-1.9															
			PMZ			mb = 5.5		5.0	0.30													
			pP	11 27	02.0		0.3															
			sP	11 27	15.0		1.4															
			ePP	11 28	36.0		0.1															
			eS	11 33	43.0		-1.3															
			esS	11 34	30.0		4.1															
BJI	51.0	333	eP	11 26	39.0		-0.8															
			PMZ			mb = 5.5		0.9	0.056													
			epP	11 27	05.0		1.3															
			eS	11 33	48.0		0.3															
			LZ					20.0	0.30													
TIY	51.0	328	-iP	11 26	40.0		-0.2															
			pP	11 27	06.0		1.9															
			sP	11 27	18.0		2.0															
			S	11 33	52.0		4.7															
			LN					14.0	0.26													
			LZ					20.0	0.63													
CD2	51.9	315	P	11 26	46.4		-0.3															
			PMZ			mb = 5.9		0.7	0.10													
			pP	11 27	12.4		1.8															
			S	11 34	02.0		2.8															
HHC	53.8	330	P	11 27	00.0		-1.1															
			PMZ			mb = 5.7		1.0	0.10													
			pP	11 27	27.0		2.0															
			S	11 34	28.0		2.7															
BTO	54.4	329	P	11 27	05.0		-0.5															
			pP	11 27	31.0		1.5															
			S	11 34	37.0		3.6															
LZH	54.9	321	+P	11 27	09.5		0.2															
			PMZ			mb = 5.4		1.2	0.065													
			PMZ			mb = 5.6		4.0	0.30													
			pP	11 27	35.0		1.7															

18.19 S ± 1.10km, 46.41 E ± 0.97km, h16 ± 0.15km Madagascar (583) M _S 5.5 / 19, m _B 5.9 / 12, m _b 5.7 / 114									
KSH	63.7	25	-P	23 22	56.9	1.2			
LSA	64.2	43	P	23 23	00.0	0.3			
			eS	23 31	37.5	1.7			
			LZ		M _S = 5.5	20.0	3.40		
KMI	69.7	54	-P	23 23	33.5	-0.6			
			PMZ		m _b = 5.5	1.7	0.11		
			PMZ		m _B = 5.6	5.0	0.40		
			pP	23 23	40.0	-0.5			
			eS	23 32	44.0	2.3			
			LZ		M _S = 5.1	20.0	1.10		
WMQ	72.4	30	-iP	23 23	50.0	0.1			
			PMZ		m _b = 5.6	1.5	0.10		
			LZ		M _S = 5.0	18.0	0.80		
QZN	72.4	63	eP	23 23	50.3	0.0			
			LN		M _S = 5.6	15.0	1.40		
GYA	73.4	54	-iP	23 23	56.6	0.4			
			PMZ		m _b = 5.7	1.2	0.10		
			PP	23 26	41.0	0.2			
			S	23 33	26.0	3.6			
			LN		M _S = 5.6	20.0	1.90		
			LE			20.0	1.20		
			LZ		M _S = 5.0	24.0	0.90		
CD2	73.6	49	eP	23 23	56.0	-1.2			
			PMZ		m _b = 6.1	1.2	0.30		
			S	23 33	27.0	2.6			
GTA	75.9	40	-iP	23 24	11.0	0.2			
			PMZ		m _b = 5.8	1.4	0.17		
			PMZ		m _B = 5.9	4.0	0.63		
			pP	23 24	17.4	0.3			
			S	23 33	54.0	3.6			
			sS	23 34	04.0	1.2			
			SKS	23 34	13.0	-1.3			
			SS	23 38	48.0	2.2			
			LE		M _S = 5.6	17.0	1.50		
			LZ		M _S = 5.4	18.0	1.90		
LZH	76.5	45	-iP	23 24	13.5	-0.8			
			PMZ		m _b = 5.9	2.0	0.27		
			PMZ		m _B = 5.9	4.0	0.61		
			pP	23 24	21.0	0.5			
			sP	23 24	27.0	3.5			
			PP	23 27	09.0	2.4			
			eS	23 34	00.0	1.0			
			SKS	23 34	19.0	0.2			
			LN		M _S = 5.2	13.0	0.32		
			LE			13.0	0.41		
XAN	79.0	49	-iP	23 24	27.0	-0.5			
			PMZ		m _b = 5.9	1.4	0.20		
WHN	81.3	54	-iP	23 24	40.8	0.9			
			PMZ		m _b = 5.6	1.5	0.10		
			PMZ		m _B = 6.0	4.0	0.60		
			pP	23 24	47.5	1.1			
			LE		M _S = 5.5	18.0	1.30		
			LZ		M _S = 5.1	20.0	0.80		
BTO	83.1	43	-iP	23 24	50.0	0.8			
			pP	23 24	56.0	0.4			
			eS	23 35	12.0	4.6			
TIY	83.3	47	-P	23 24	50.4	0.3			
			PMZ		m _b = 5.6	1.4	0.090		
			LN		M _S = 5.5	13.0	0.44		
			LE			16.0	0.95		
HHC	84.2	44	-iP	23 24	56.5	1.5			
			PMZ		m _b = 6.1	1.0	0.20		
			PMZ		m _B = 5.2	4.0	0.10		
			SKS	23 35	09.0	-3.8			
			S	23 35	23.0	6.2			
NJ2	85.4	54	-P	23 25	01.0	0.0			
			PMZ		m _b = 5.7	1.4	0.10		
			pP	23 25	06.5	-1.0			
			LZ		M _S = 4.9	22.0	0.60		
TIA	85.9	50	-P	23 25	03.4	0.1			
			PMZ		m _b = 5.8	1.2	0.10		
			pP	23 25	09.8	0.0			
			S	23 35	35.0	1.6			
			LN		M _S = 5.7	20.0	1.50		
			LE			20.0	1.20		
			LZ		M _S = 5.3	20.0	1.20		
SSE	86.9	56	+P	23 25	08.0	0.0			
			PMZ		m _b = 5.7	1.4	0.10		
			sP	23 25	14.0	-3.4			
			eSKS	23 35	33.0	2.5			
			S	23 35	48.0	5.3			
			LE		M _S = 5.4	18.0	0.90		
			LZ		M _S = 5.3	20.0	1.10		
BJI	86.9	46	eP	23 25	08.5	0.2			
			PMZ		m _b = 5.7	1.6	0.11		
			PMZ		m _B = 5.4	10.0	0.32		
			ePP	23 28	34.0	1.3			
			eS	23 35	46.0	1.1			
SNY	92.8	47	+iP	23 25	35.4	-0.4			
			PMZ		m _b = 6.0	1.4	0.10		
			pP	23 25	41.6	-0.7			
CN2	94.8	46	P	23 25	43.5	-1.4			
			epP	23 25	49.0	-2.5			
			ePP	23 29	38.0	3.4			
			eS	23 36	58.0	2.7			
			LZ		M _S = 5.7	16.0	2.00		
MDJ	97.8	46	eP	23 25	57.0	-2.0			
APR 22d 04h 26m 33.2 ± 0.03s, SD0.90 / 33 0.99 S ± 0.58km, 127.31 E ± 1.19km, h33 ± 0.08km Molucca Sea (269) m _b 5.1 / 6,									
WHN	33.7	340	eP	04 33	15.0	1.2			
CD2	38.8	327	P	04 33	57.5	0.2			
XAN	38.9	335	eP	04 33	57.9	0.1			
TIY	40.9	342	eP	04 34	12.6	-1.8			
BJI	42.1	347	eP	04 34	23.5	-0.6			
LZH	42.9	332	+P	04 34	31.5	0.7			
			PMZ		m _b = 5.2	1.5	0.060		
			pP	04 34	39.5	-0.5			
GTA	47.4	331	P	04 35	07.2	-0.1			
			pP	04 35	13.0	-3.5			
WMQ	56.9	327	P	04 36	17.5	-0.6			
			pP	04 36	25.5	-2.1			
			S	04 44	06.0	-1.1			
APR 22d 12h 41m 40.6 ± 0.05s, SD2.97 / 21 35.51 N ± 0.51km, 110.59 E ± 0.53km, h27 ± 0.18km Eastern China (664) M _L 3.4 / 14,									
TIY	2.7	34	-Pg	12 42	25.2	-2.6			
TIA	5.4	81	ePg	12 43	14.5	-0.9			
			SMN		M _L = 3.8	1.0	0.10		
HHC	5.4	8	ePn	12 43	03.4	3.6			
			Pg	12 43	16.2	0.5			
			SMN		M _L = 3.8	1.0	0.10		
LZH	5.5	278	ePg	12 43	18.0	-0.2			
			Sg	12 44	28.0	-5.3			
			SMN		M _L = 3.9	1.5	0.13		
			SME			1.5	0.089		
WHN	5.9	146	iPg	12 43	29.0	4.4			
CD2	7.3	233	Pn	12 43	26.4	-0.1			



GTA	9.4	298	eP	12 43 56.0	-1.7			
			SMN			1.0	0.010	
			SME			0.8	0.0030	
GYA	9.6	201	P	12 43 58.6	-2.2			

APR 22d 19h 16m $01.7 \pm 0.06s$, SD2.39 / 16
 $36.64 N \pm 0.71km$, $72.89 E \pm 0.86km$, $h36 \pm 0.16km$
 Afghanistan-USSR border region (717)

KSH	3.7	39	eP	19 17 00.5	1.7			
			SMN			1.0	0.44	
			SME			1.0	0.40	
WMQ	13.4	53	eP	19 19 10.0	-2.1			
GTA	21.4	74	eP	19 20 51.4	2.8			

APR 22d 19h 18m $43.4 \pm 0.03s$, SD0.83 / 18
 $11.47 S \pm 0.34km$, $166.21 E \pm 0.29km$, $h66 \pm 0.34km$
 Santa Cruz Islands (184)
 $m_b 5.0 / 4$,

TIY	70.2	317	eP	19 29 52.1	0.3			
XAN	70.7	312	eP	19 29 54.8	-0.4			
GTA	79.7	314	P	19 30 46.6	0.1			
WMQ	89.7	315	P	19 31 36.2	-0.3			

APR 22d 21h 56m $51.4 \pm 0.07s$, SD1.53 / 465
 $9.73 N \pm 0.97km$, $83.05 W \pm 0.87km$, $h10 \pm 0.21km$
 Costa Rica (78)
 $M_s 8.1 / 47$, $m_b 7.2 / 30$, $m_b 6.1 / 48$

MDJ	118.4	334	PKP	22 15 38.0	-2.3			
			PPMZ			22.0	14.5	
			LN			$M_s = 8.2$	18.0	205
			LE				18.0	182
			LZ			$M_s = 7.1$	60.0	143
CN2	120.8	336	PKP	22 15 41.0	-3.9			
			PPMZ			$m_b = 7.3$	9.0	8.70
			LN			$M_s = 8.1$	18.0	207
			LE				18.0	67.0
SNY	123.2	336	PKP	22 15 48.0	-1.5			
			PP	22 17 28.0	-4.9			
			PPMZ			$m_b = 7.4$	8.0	9.19
			SKS	22 22 56.0	-1.8			
			SS	22 34 10.0	-4.8			
			LE			$M_s = 8.1$	20.0	252
			LZ			$M_s = 7.3$	20.0	72.1
WMQ	126.1	8	PKP	22 15 55.0	-0.2			
			PP	22 17 55.0	2.9			
			PPMZ			$m_b = 7.3$	8.0	8.10
			LE			$M_s = 8.4$	18.0	433
DL2	126.4	336	PKP	22 16 00.0	4.2			
			PP	22 17 59.0	4.6			
			PPMZ			$m_b = 7.4$	10.0	13.3
			LN			$M_s = 8.1$	24.0	150
			LE				20.0	160
KSH	127.3	20	-PKP	22 16 02.0	4.4			
			LE			$M_s = 8.3$	18.0	300
BJI	127.4	341	ePKP	22 15 58.0	0.3			
			ePP	22 18 00.0	-0.2			
			PPMZ			$m_b = 7.2$	10.0	8.28
			ePKS	22 19 33.0	1.4			
			eSKKS	22 24 52.0	1.1			
			eSS	22 35 06.0	-1.4			
			LN			$M_s = 8.4$	19.0	401
HHC	127.9	346	-PKP	22 16 00.2	1.3			
			PP	22 18 00.0	-4.0			
			PPMZ			$m_b = 7.5$	10.0	14.9
			SKS	22 23 08.0	1.4			
			LN			$M_s = 8.2$	20.0	223
			LE				17.0	97.8

BTO	128.5	347	LZ			$M_g = 8.0$	25.0	366
			PKP	22 16 01.0	1.0			
			PP	22 18 07.0	-1.1			
			PPMZ			$m_b = 7.5$	8.0	14.1
			SS	22 35 15.0	-6.0			
			LN			$M_g = 8.2$	19.0	217
			LE				19.0	165
TIY	130.6	344	ePKP	22 16 03.8	-0.2			
			PPMZ			$m_b = 7.2$	9.0	9.40
			PKS	22 19 37.0	-0.7			
			SKKS	22 25 10.5	-1.6			
			LN			$M_g = 8.1$	22.0	111
			LE				20.0	177
GTA	131.0	357	ePKP	22 16 05.4	0.5			
			PP	22 18 20.0	-5.0			
			PPMZ			$m_b = 7.4$	8.5	14.9
			SKS	22 23 11.0	-1.2			
			LN			$M_g = 8.2$	18.0	238
			LZ			$M_g = 7.8$	30.0	291
NJ2	133.5	334	ePKP	22 16 09.0	-0.3			
			PP	22 18 43.0	3.1			
			PPMZ			$m_b = 7.2$	9.0	9.40
			SS	22 36 18.0	-4.3			
			LN			$M_s = 8.0$	17.0	103
			LE				18.0	95.0
XAN	135.0	346	ePKP	22 16 08.0	-4.3			
			PP	22 18 46.0	-3.8			
			PPMZ			$m_b = 7.1$	8.0	7.40
			LN			$M_s = 8.2$	22.0	137
			LE				22.0	254
WHN	136.6	338	+PKP	22 16 15.0	-0.1			
			PP	22 18 55.0	-4.2			
			PPMZ			$m_b = 6.9$	12.0	7.20
			iSS	22 37 02.0	2.3			
			LE			$M_s = 7.8$	18.0	95.6
			LZ			$M_s = 7.7$	20.0	127
LSA	140.4	8	PKP	22 16 21.8	-0.7			
			LN			$M_s = 8.0$	18.0	89.6
			LE				20.0	94.0
GYA	142.8	345	PKP	22 16 26.0	-0.4			
			LN			$M_s = 8.2$	24.0	194
			LE				24.0	230
			LZ			$M_s = 7.3$	38.0	105
GZH	143.7	334	PKP	22 16 27.0	-0.6			
			PPMZ			$m_b = 7.4$	9.0	18.1
			LN			$M_s = 8.1$	17.0	152
			LE				16.0	50.7
			LZ			$M_s = 8.0$	18.0	195
KMI	144.9	351	ePKP	22 16 28.0	-2.1			
			PKP2	22 16 31.5	2.0			
			SS	22 38 40.0	4.1			
			LE			$M_s = 8.2$	18.0	207
QZN	148.7	336	ePKP	22 16 38.0	1.8			
			ePKP2	22 16 41.5	-3.1			
			LN			$M_s = 8.1$	18.0	146
			LE				18.0	86.6

APR 22d 22h 19m $25.3 \pm 0.04s$, SD1.35 / 119
 $9.98 N \pm 1.00km$, $83.36 W \pm 1.20km$, $h9 \pm 0.14km$
 Costa Rica (78)
 $m_b 5.3 / 41$,

TIY	130.3	344	ePKP	22 38 40.0	2.5			
GYA	142.5	345	PKP	22 39 04.2	4.3			
QZN	148.4	336	ePKP	22 39 11.5	1.8			

APR 22d 22h 51m $35.0 \pm 0.07s$, SD1.45 / 102
 $9.78 N \pm 0.75km$, $82.48 W \pm 1.00km$, $h12 \pm 0.25km$
 Panama-Costa Rica border region (80)

$m_b 5.1 / 42,$ BJI 127.5 342 ePKP 23 10 45.0 3.7 HHC 128.0 346 ePKP 23 10 43.6 1.2 TIY 130.7 344 ePKP 23 10 50.2 2.6 SSE 133.4 332 ePKP 23 10 55.2 2.6 GYA 142.9 346 PKP 23 11 08.0 -1.9						PMZ $m_b = 5.9$ 8.0 1.40 S 03 07 51.0 2.0 SS 03 11 54.0 -0.4 LN $M_s = 6.0$ 16.0 4.60 LE 16.0 4.00 LZ $M_s = 5.4$ 20.0 2.90 KSH 68.1 315 eP 03 00 02.2 1.0 LE $M_s = 6.3$ 12.0 6.70					
APR 23d 01h 00m $44.1 \pm 0.02s, SD1.49 / 7$ $43.23 N \pm 0.12km, 88.47 E \pm 0.15km, h19 \pm 0.24km$ Northern Xinjiang Province (332) $M_L 3.4 / 7,$ WMQ 0.8 316 +IPg 01 00 59.0 0.3 Sg 01 01 12.0 2.2 SMN $M_L = 3.1$ 0.4 0.88 SME 0.4 0.41						APR 23d 02h 50m $22.5 \pm 0.04s, SD1.38 / 99$ $13.04 N \pm 0.96km, 123.32 E \pm 0.85km, h48 \pm 0.74km$ Luzon (249) $M_S 5.2 / 40, m_b 5.4 / 9, m_b 5.2 / 26$ QZN 14.3 296 P 02 53 43.0 -0.5 LN $M_s = 4.8$ 15.0 2.10 LE 14.0 2.70 SSE 18.1 354 P 02 54 32.0 -0.1 LN $M_s = 5.2$ 12.0 2.10 LE 12.0 4.90 LZ $M_s = 5.1$ 20.0 9.20 WHN 19.3 336 P 02 54 47.5 1.1 PMZ $m_b = 5.4$ 5.0 0.90 LE $M_s = 5.0$ 13.0 3.70 LZ $M_s = 4.7$ 20.0 3.00 NJ2 19.4 348 -P 02 54 47.6 0.4 GYA 20.6 313 P 02 55 00.2 0.1 LN $M_s = 5.2$ 15.0 4.90 LE 15.0 2.70 LZ $M_s = 4.8$ 18.0 3.60 KMI 22.8 305 -P 02 55 24.0 1.0 PMZ $m_b = 5.3$ 2.5 0.36 LN $M_s = 5.0$ 14.0 1.50 LE 14.0 2.70 LZ $M_s = 5.1$ 24.0 7.40 TIA 23.7 347 eP 02 55 31.6 0.1 PMZ $m_b = 5.5$ 2.5 0.50 LN $M_s = 5.1$ 11.0 2.90 LZ $M_s = 4.9$ 22.0 3.90 XAN 24.7 330 eP 02 55 39.9 -0.7 LN $M_s = 5.2$ 10.0 2.60 LE 12.0 1.80 CD2 25.3 318 P 02 55 46.3 -0.6 LE $M_s = 5.4$ 13.0 5.33 LZ $M_s = 5.1$ 16.0 4.64 TIY 26.4 340 eP 02 55 57.0 -0.1 LN $M_s = 5.1$ 12.0 2.70 LZ $M_s = 5.2$ 14.0 4.50 BJI 27.6 348 eP 02 56 08.0 0.0 LN $M_s = 5.1$ 12.0 2.23 SNY 28.7 0 +P 02 56 16.8 -0.7 PMZ $m_b = 5.2$ 2.0 0.10 LE $M_s = 5.2$ 14.0 2.90 LZ $M_s = 5.2$ 22.0 5.80 LZH 28.9 326 eP 02 56 18.5 -0.9 PMZ $m_b = 5.3$ 2.0 0.13 PMZ $m_b = 5.4$ 4.0 0.30 pP 02 56 33.0 2.1 LN $M_s = 5.1$ 11.0 2.04 LZ $M_s = 5.0$ 23.0 4.05 HHC 29.6 342 eP 02 56 25.2 -0.3 PMZ $m_b = 5.4$ 1.4 0.10 BTO 29.8 339 eP 02 56 26.9 -1.0 CN2 30.7 3 eP 02 56 35.0 -0.6 eS 03 01 37.0 3.5 LN $M_s = 5.3$ 13.0 1.50 LE 13.0 3.30 MDJ 31.9 8 -P 02 56 46.5 0.2 PMZ $m_b = 5.5$ 1.0 0.080					
APR 23d 02h 48m $58.4 \pm 0.03s, SD1.31 / 182$ $2.72 S \pm 0.78km, 134.44 E \pm 1.14km, h10 \pm 0.01km$ West Irian region (196) $M_S 5.7 / 18, m_b 6.0 / 14, m_b 5.7 / 35$ QZH 31.5 332 +P 02 55 22.0 -1.2 PMZ $m_b = 5.7$ 0.8 0.10 PMZ $m_b = 6.0$ 8.0 1.94 LN $M_s = 5.3$ 14.0 3.80 LZ $M_s = 5.4$ 15.0 6.50 QZN 32.4 313 eP 02 55 29.3 -2.1 PMZ $m_b = 6.0$ 7.0 1.60 LN $M_s = 5.6$ 14.0 3.30 LE 13.0 5.60 GZH 32.9 322 P 02 55 37.0 1.8 WHN 38.2 331 P 02 56 22.5 1.7 PMZ $m_b = 6.0$ 1.2 0.30 PMZ $m_b = 6.1$ 6.0 2.00 GYA 39.5 319 P 02 56 29.0 -2.7 PP 02 58 08.0 2.0 LN $M_s = 5.6$ 15.0 3.70 LE 15.0 2.70 LZ $M_s = 5.3$ 22.0 4.70 XAN 43.8 329 P 02 57 06.0 -0.4 PMZ $m_b = 5.8$ 1.1 0.20 CN2 47.0 351 +P 02 57 30.0 -2.3 PMZ $m_b = 5.1$ 1.0 0.030 PMZ $m_b = 6.0$ 6.0 1.30 eS 03 04 20.0 -3.4 LN $M_s = 5.7$ 18.0 5.60 LE 18.0 2.20 MDJ 47.3 355 -P 02 57 34.2 -0.6 LZH 48.0 326 P 02 57 39.0 -1.5 PMZ $m_b = 5.9$ 1.5 0.31 PMZ $m_b = 6.0$ 6.5 1.41 HHC 48.1 337 P 02 57 41.6 0.3 PMZ $m_b = 5.5$ 1.2 0.10 PMZ $m_b = 5.5$ 7.0 0.50 PP 02 59 33.0 1.0 PcS 03 03 00.0 -2.6 S 03 04 34.0 -4.2 LN $M_s = 5.6$ 14.0 2.70 LE 15.0 2.20 LZ $M_s = 5.5$ 24.0 6.30 BTO 48.6 335 P 02 57 43.0 -1.5 LN $M_s = 5.6$ 13.0 2.20 LE 13.0 1.70 GTA 52.6 326 P 02 58 15.6 0.0 PMZ $m_b = 5.5$ 1.2 0.080 LN $M_s = 5.8$ 18.0 5.50 LZ $M_s = 5.5$ 22.0 5.30 WMQ 62.4 324 -IP 02 59 24.2 -0.5 PMZ $m_b = 5.7$ 1.0 0.10											



		LN	$M_s = 5.5$	12.0	2.10		
		LE		12.0	4.10		
GTA	33.5 326	eP	02 56 59.2	-0.7			
		PMZ	$m_b = 5.2$	2.0	0.070		
LSA	34.1 304	P	02 57 05.4	0.0			
		pP	02 57 15.0	-1.8			
		SME			6.0	1.00	
WMQ	43.3 322	P	02 58 22.5	0.8			

APR 23d 05h 37m $04.8 \pm 0.04s$, SD1.58 / 145							
9.56 N $\pm 0.75km$, 82.77 W $\pm 0.86km$, h10 $\pm 0.15km$							
Costa Rica (78)							
$M_s 5.1 / 1$, $m_b 5.0 / 39$							
WHN	136.9 338	-PKP	05 56 24.3	-4.7			
GYA	143.0 346	PKP	05 56 39.8	-0.3			
		pPKP	05 56 48.0	5.7			
KMI	145.1 351	ePKP	05 56 43.5	-0.3			
		pPKP	05 56 50.0	4.1			
QZN	149.0 336	ePKP	05 56 45.6	-4.4			
		LN	$M_s = 5.1$	20.0	0.17		

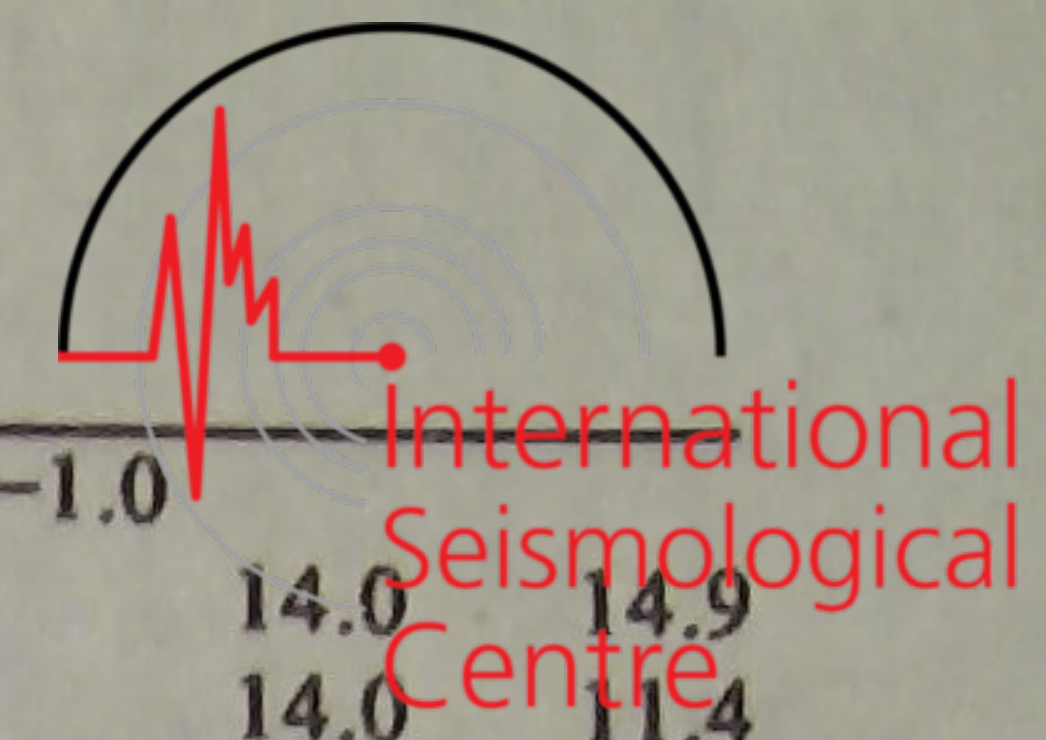
APR 23d 06h 34m $05.0 \pm 0.09s$, SD1.65 / 271							
14.03 N $\pm 0.61km$, 91.63 W $\pm 0.73km$, h60 $\pm 0.90km$							
Off coast of Chiapas, Mexico (68)							
$M_s 6.0 / 15$, $m_b 5.8 / 5$, $m_b 5.3 / 75$							
BJI	120.3 335	ePKP	06 52 54.0	3.7			
		LZ	$M_s = 6.0$	20.0	3.28		
HHC	121.3 340	ePKP	06 52 54.9	2.5			
		LZ	$M_s = 6.0$	20.0	3.10		
WMQ	122.4 1	PKP	06 52 56.5	2.0			
TIA	123.1 332	ePKP	06 52 54.8	-1.0			
		LN	$M_s = 5.8$	15.0	0.80		
		LZ	$M_s = 5.7$	18.0	1.50		
TIY	123.8 337	ePKP	06 52 58.0	0.9			
		LN	$M_s = 5.8$	15.0	0.81		
		LZ	$M_s = 5.8$	14.0	1.40		
SSE	125.2 325	PKP	06 53 04.0	4.4			
		LN	$M_s = 5.7$	16.0	0.50		
		LE		16.0	0.50		
NJ2	125.7 328	-PKP	06 53 04.2	3.6			
		LN	$M_s = 5.9$	17.0	1.10		
		LZ	$M_s = 5.3$	20.0	0.60		
GTA	125.8 349	ePKP	06 53 03.0	2.0			
		ePP	06 54 58.6	1.5			
		PPMZ			1.4	0.020	
		LN	$M_s = 6.1$	19.0	1.90		
		LZ	$M_s = 5.7$	29.0	2.30		
LZH	128.1 344	ePKP	06 53 07.5	2.0			
		LE	$M_s = 6.2$	20.0	2.56		
		LZ	$M_s = 5.9$	24.0	3.26		
XAN	128.3 338	ePKP	06 53 07.6	1.7			
		PP	06 55 14.0	0.0			
		LN	$M_s = 6.0$	18.0	1.60		
WHN	129.1 331	ePKP	06 53 10.5	3.2			
		LN	$M_s = 5.8$	20.0	1.20		
		LZ	$M_s = 5.4$	20.0	0.80		
CD2	132.9 342	ePKP	06 53 18.0	3.4			
		PP	06 55 41.0	-2.2			
		LZ	$M_s = 6.0$	20.0	2.69		
LSA	136.4 356	-iPKP	06 53 25.0	3.4			
KMI	138.6 340	PKP	06 53 30.0	4.7			
		PP	06 56 18.0	-1.3			
		PPMZ	$m_b = 6.1$	5.0	0.60		
		LN	$M_s = 6.2$	18.0	2.20		
		LZ	$M_s = 6.0$	20.0	2.40		

APR 23d 10h 13m $03.2 \pm 0.11s$, SD2.75 / 7							
35.95 N $\pm 0.24km$, 80.83 E $\pm 0.70km$, h33 $\pm 0.97km$							

		Kashmir-Tibet border region (304)					
		$M_L 3.7 / 4$					
WMQ	9.5 32	eP	10 15 20.0	-0.2			
		SMN			1.0	0.020	
		SME			1.0	0.020	

APR 23d 16h 51m $13.4 \pm 0.07s$, SD2.66 / 13							
40.15 N $\pm 0.53km$, 78.14 E $\pm 0.40km$, h26 $\pm 0.38km$							
Southern Xinjiang Province (321)							
$M_L 3.9 / 9$							
KSH	1.8 250	Pg	16 51 45.0	-1.0			
		Sg	16 52 11.0	0.2			
		SMN	$M_L = 3.4$		0.5	0.37	
		SME			0.2	0.34	
WMQ	8.0 60	P	16 53 10.5	-0.7			
		S	16 54 42.7	1.2			
		SMN	$M_L = 3.9$		0.8	0.030	
		SME			0.8	0.040	
GTA	16.7 86	eP	16 55 05.4	-1.9			

APR 24d 00h 32m $01.4 \pm 0.06s$, SD1.08 / 357							
42.72 N $\pm 0.84km$, 144.75 E $\pm 0.65km$, h63 $\pm 0.28km$							
Hokkaido region (224)							
$M_s 4.5 / 27$, $m_b 5.5 / 7$, $m_b 5.5 / 110$							
MDJ	11.1 285	eP	00 34 40.5	0.0			
		PMZ	$m_b = 5.4$		1.5	0.10	
		sP	00 34 55.0	-3.5			
		S	00 36 45.0	2.0			
		LN	$M_s = 4.4$		14.0	1.20	
		LE			14.0	1.30	
CN2	14.1 281	eP	00 35 18.8	-1.0			
		PMZ	$m_b = 5.1$		1.0	0.030	
		PMZ	$m_b = 5.7$		4.0	0.50	
		epP	00 35 28.0	-2.0			
		LN	$M_s = 4.5$		11.0	1.30	
		LE			11.0	0.50	
SNY	15.7 274	+P	00 35 40.2	-0.1			
		S	00 38 31.0	0.0			
		LN	$M_s = 4.4$		12.0	0.80	
		LE			10.0	0.50	
		LZ	$M_s = 4.4$		27.0	2.60	
BJI	21.6 273	eP	00 36 47.5	-0.2			
		PMZ	$m_b = 5.2$		1.5	0.19	
		eS	00 40 38.0	0.6			
		LN	$M_s = 4.4$		14.0	0.85	
SSE	22.1 246	eP	00 36 55.2	2.7			
		pP	00 37 09.5	3.1			
		S	00 40 52.0	6.4			
		LN	$M_s = 4.5$		12.0	0.50	
		LE			12.0	0.60	
		LZ	$M_s = 4.4$		20.0	1.40	
TIA	22.2 262	-P	00 36 54.1	-0.3			
		S	00 40 53.0	4.0			
		LE	$M_s = 4.5$		14.0	1.00	
		LZ	$M_s = 4.2$		26.0	1.00	
NJ2	23.1 251	-P	00 37 05.6	3.0			
		pP	00 37 16.0	-0.6			
		LN	$M_s = 4.7$		15.0	1.10	
		LE			13.0	0.90	
		LZ	$M_s = 4.3$		20.0	1.00	
HHC	24.7 277	eP	00 37 19.4	0.7			
		PMZ	$m_b = 5.1$		1.2	0.10	
		S	00 41 35.0	2.6			
		LE	$M_s = 4.5$		9.0	0.50	
		LZ	$M_s = 4.2$		28.0	1.00	
TIY	25.1 269	+P	00 37 23.7	1.6			
		PMZ	$m_b = 4.9$		1.1	0.040	
		S	00 41 45.0	6.6			



		S	05 07	56.0	1.0			S	05 09	45.0	-1.0			
		LN		$M_s = 6.0$	12.0	17.3		LN		$M_s = 6.1$	14.0	14.9		
		LZ		$M_s = 5.9$	20.0	27.4		LE			14.0	11.4		
XAN	29.8 329	eP	05 03	20.3	-2.8			LZ		$M_s = 5.7$	17.0	10.8		
		S	05 08	19.0	1.9		GTA	38.6 326	eP	05 04	39.6	0.1		
		LN		$M_s = 6.2$	14.0	20.8		PMZ		$m_b = 5.0$	0.8	0.020		
		LE			15.0	19.4		PMZ		$m_B = 5.9$	10.0	2.38		
DL2	30.0 352	+iP	05 03	26.0	0.5			S	05 10	36.0	1.6			
		PMZ		$m_b = 5.9$	1.5	0.30		ScS	05 14	52.0	5.0			
		S	05 08	20.0	-1.4			LE		$M_s = 6.3$	15.0	26.9		
		LN		$M_s = 6.1$	14.0	18.7		LZ		$M_s = 6.2$	16.0	32.6		
		LE			11.0	9.00	WMQ	48.4 322	P	05 05	57.3	-1.6		
		LZ		$M_s = 5.8$	18.0	20.8		PMZ		$m_B = 6.0$	10.0	2.20		
CD2	30.5 319	eP	05 03	28.0	-1.8			PP	05 07	47.4	-2.8			
		PP	05 04	27.0	-2.0			PcS	05 11	24.0	4.8			
		S	05 08	27.0	-2.0			S	05 12	57.0	-0.4			
		LN		$M_s = 6.3$	13.0	35.8		ScS	05 15	50.0	2.3			
		LZ		$M_s = 6.2$	18.0	52.7		LN		$M_s = 6.7$	18.0	47.3		
TIY	31.3 338	eP	05 03	36.6	-0.1			LE			15.0	15.6		
		PMZ		$m_B = 6.1$	10.0	3.00		LZ		$M_s = 6.2$	16.0	22.1		
		S	05 08	42.5	1.3		KSH	54.4 312	P	05 06	44.0	-0.1		
		LE		$M_s = 6.0$	13.0	17.5		LE		$M_s = 6.7$	15.0	34.5		
		LZ		$M_s = 5.9$	16.0	20.1								
BJI	32.2 345	eP	05 03	43.5	-1.3		APR 24d 05h 13m 09.2 ± 0.04s, SD1.18 / 290							
		PMZ		$m_b = 6.2$	2.0	0.80	2.59 N ± 0.97km, 79.73 W ± 0.80km, h22 ± 0.17km							
		PMZ		$m_B = 6.1$	8.0	2.56	South of Panama (83)							
		LN		$M_s = 6.0$	16.0	20.3	$m_b 5.7 / 69,$							
SNY	32.7 356	+P	05 03	47.8	-1.2		WMQ	132.4 12	PKP	05 32	24.0	0.6		
		PMZ		$m_b = 5.5$	1.2	0.10	BJI	135.1 343	ePKP	05 32	28.0	-0.3		
		PMZ		$m_B = 6.2$	9.0	3.30	HHC	135.6 348	PKP	05 32	30.6	1.4		
		PcP	05 06	34.0	-0.1		TIY	138.3 345	ePKP	05 32	34.6	0.3		
		iS	05 09	04.0	-0.3		SSE	141.0 331	ePKP	05 32	36.5	-2.6		
		SMN			18.0	8.00	LZH	141.4 355	+PKP	05 32	37.0	-2.9		
		SME			15.0	10.5	XAN	142.7 348	+PKP	05 32	37.0	-4.9		
		LN		$M_s = 6.2$	17.0	17.9	WHN	144.4 339	ePKP	05 32	44.0	-0.9		
		LE			16.0	20.4	CD2	146.5 355	PKP	05 32	50.0	1.4		
		LZ		$M_s = 6.0$	17.0	24.0	LSA	146.7 15	+iPKP	05 32	51.5	2.1		
LZH	34.0 326	eP	05 03	59.0	-1.6		QZH	147.4 328	ePKP	05 32	50.0	0.1		
		PMZ		$m_b = 5.2$	2.0	0.071	GYA	150.5 348	PKP	05 32	56.6	1.6		
		PMZ		$m_B = 5.6$	9.0	0.85	KMI	152.3 355	ePKP	05 33	00.0	2.1		
		PP	05 05	17.0	3.4		APR 24d 10h 06m 54.6 ± 0.05s, SD1.47 / 143							
		S	05 09	22.0	-1.7		9.07 N ± 0.83km, 126.76 E ± 1.02km, h32 ± 0.04km							
		SME			16.0	5.41	Mindanao (259)							
		LN		$M_s = 6.5$	20.0	60.0	$M_s 5.3 / 53, m_b 5.7 / 30, m_b 5.2 / 44$							
		LE			20.0	42.9	QZH	17.6 335	+P	10 10	58.0	-1.1		
		LZ		$M_s = 6.0$	22.0	30.5		PMZ		$m_b = 4.9$	0.8	0.050		
HHC	34.4 339	+iP	05 04	04.5	0.9			PMZ		$m_B = 5.7$	8.0	2.90		
		PMZ		$m_b = 6.0$	1.2	0.30		LN		$M_s = 4.9$	9.0	1.90		
		PMZ		$m_B = 5.9$	7.0	1.30		LZ		$M_s = 5.0$	20.0	8.10		
		S	05 09	34.0	4.7		GZH	19.0 319	+P	10 11	14.0	-2.0		
		LN		$M_s = 6.1$	14.0	10.1		S	10 14	48.0	5.8			
		LE			13.5	12.8		LN		$M_s = 5.4$	13.0	4.70		
		LZ		$M_s = 6.0$	14.0	21.6		LE			14.0	7.50		
CN2	34.6 358	+P	05 04	06.0	0.8			LZ		$M_s = 5.1$	18.0	7.30		
		PMZ		$m_b = 5.6$	1.0	0.10		QZN	19.1 303	eP	10 11	15.0	-3.1	
		PMZ		$m_B = 6.2$	5.0	1.80		PMZ		$m_B = 5.4$	7.5	1.40		
		eS	05 09	28.0	-5.3			S	10 14	44.0	-2.3			
		LN		$M_s = 6.2$	15.0	17.0		LN		$M_s = 5.1$	15.0	4.00		
		LE			15.0	14.7		LE			17.0	4.30		
BTO	34.7 337	P	05 04	07.0	0.4		SSE	22.5 347	+P	10 11	54.0	0.9		
		PMZ		$m_B = 6.2$	8.0	2.80		PMZ		$m_b = 5.5$	1.5	0.30		
		ePP	05 05	24.0	1.2			PMZ		$m_B = 5.7$	6.0	2.00		
		iS	05 09	36.0	0.3			LN		$M_s = 5.3$	10.0	2.70		
		LN		$M_s = 6.2$	13.0	12.2		LE			9.0	2.70		
		LE			13.0	16.9		LZ		$M_s = 5.1$	20.0	6.90		
MDJ	35.5 3	-P	05 04	12.5	-0.3		NJ2	24.0 343	+P	10 12	08.4	0.7		
		PMZ		$m_b = 6.2$	1.5	0.60		PMZ		$m_b = 5.7$	1.0	0.30		
		PMZ		$m_B = 6.3$	5.0	2.97								



WHN	24.3	333	PMZ	$m_B = 6.1$	6.0	4.30	HHC	34.4	339	LZ	$M_S = 5.3$	1.6	1.49
			pP	10 12 20.5	4.0					P	10 13 43.0	1.6	0.10
			LN	$M_S = 5.4$	9.0	2.20				PMZ	$m_b = 5.5$		
			LE		10.0	3.40				PMZ	$m_B = 5.8$	6.0	1.00
			LZ	$M_S = 4.8$	20.0	2.70				pP	10 13 53.0	2.6	
			+P	10 12 12.0	1.5					S	10 19 10.0	4.5	
GYA	25.7	315	PMZ	$m_b = 5.0$	1.7	0.10	CN2	34.6	358	LN	$M_S = 5.2$	11.0	1.50
			PMZ	$m_B = 5.6$	7.0	1.50				LE		11.0	1.30
			LN	$M_S = 5.4$	11.0	3.10				LZ	$M_S = 5.3$	14.0	3.60
			LE		11.0	3.80				eP	10 13 43.0	-0.1	
			LZ	$M_S = 4.8$	18.0	3.00				PMZ	$m_b = 4.9$	1.0	0.020
			+iP	10 12 24.0	-0.2					PMZ	$m_B = 5.9$	4.0	0.70
KMI	27.9	308	S	10 16 54.0	6.2		BTO	34.7	337	epP	10 13 52.0	-0.3	
			LN	$M_S = 5.3$	15.0	2.90				eS	10 19 05.0	-4.8	
			LE		15.0	4.60				LN	$M_S = 5.2$	11.0	1.10
			LZ	$M_S = 5.0$	16.0	3.50				LE		11.0	1.60
			+P	10 12 44.0	-0.2					LZ	$M_S = 5.4$	18.0	6.10
			PMZ	$m_b = 5.0$	2.0	0.070				P	10 13 44.0	-0.3	
TIA	28.4	343	PMZ	$m_B = 5.3$	8.0	0.50	MDJ	35.5	3	PMZ	$m_B = 5.9$	6.0	1.10
			pP	10 12 51.0	-1.9					pP	10 13 56.0	2.6	
			sP	10 12 57.0	0.1					PP	10 15 05.0	3.7	
			SS	10 18 44.0	-1.0					iS	10 19 13.5	1.5	
			LN	$M_S = 5.1$	12.0	0.80				ScS	10 23 56.0	-4.5	
			LE		12.0	2.20				LN	$M_S = 5.3$	16.0	2.20
XAN	29.8	329	LZ	$M_S = 5.1$	20.0	4.60	GTA	38.6	326	LE		13.0	2.10
			-P	10 12 48.6	0.0					-P	10 13 51.4	0.7	
			PMZ	$m_B = 5.5$	9.0	0.90				PMZ	$m_b = 5.9$	1.7	0.40
			S	10 17 33.0	1.6					pP	10 14 01.0	1.2	
			SS	10 18 58.0	1.0					S	10 19 20.0	-2.5	
			LN	$M_S = 5.2$	10.5	1.80				LN	$M_S = 5.2$	11.0	1.20
DL2	30.1	352	LE		10.5	1.80	LSA	39.1	307	LE		13.0	1.80
			LZ	$M_S = 5.0$	19.0	3.60				LZ	$M_S = 4.9$	20.0	1.90
			eP	10 12 58.5	-2.3					eP	10 14 16.4	-0.8	
			S	10 17 56.0	2.8					PMZ	$m_b = 5.5$	1.2	0.10
			LN	$M_S = 5.4$	12.0	3.40				PMZ	$m_B = 5.9$	4.5	0.96
			LE		11.0	1.20				PP	10 15 52.0	2.6	
CD2	30.5	319	P	10 13 05.0	1.7		WMQ	48.4	322	S	10 20 14.0	3.5	
			PMZ	$m_b = 5.2$	1.5	0.060				ScS	10 24 22.0	-0.2	
			S	10 18 00.0	2.2					LE	$M_S = 5.5$	15.0	3.80
			LN	$M_S = 5.2$	10.0	1.40				LZ	$M_S = 5.5$	16.0	6.40
			LE		12.0	2.00				P	10 14 23.0	1.5	
			LZ	$M_S = 4.9$	16.0	2.10				S	10 20 20.0	2.2	
TIY	31.3	338	eP	10 13 12.3	4.8		KSH	54.4	312	ScS	10 24 30.0	5.0	
			LN	$M_S = 5.5$	14.0	6.20				LZ	$M_S = 5.2$	20.0	3.80
			LZ	$M_S = 5.3$	17.0	5.90				P	10 15 36.5	0.0	
			-P	10 13 14.4	-0.1					PMZ	$m_b = 5.5$	8.0	0.50
			S	10 18 20.0	2.6					PP	10 17 31.5	3.5	
			LN	$M_S = 5.5$	9.0	3.30				S	10 22 36.5	3.2	
BJI	32.3	345	eP	10 13 23.0	0.3		LZH	34.0	326	ScS	10 25 27.8	4.9	
			PMZ	$m_b = 5.7$	1.5	0.21				LN	$M_S = 5.9$	15.0	4.90
			PMZ	$m_B = 6.0$	4.0	0.94				LE		16.0	4.80
			eS	10 18 34.0	1.0					LZ	$M_S = 5.5$	17.0	4.50
			LN	$M_S = 4.9$	11.0	1.15				eP	10 16 25.0	3.4	
			+iP	10 13 26.8	-0.2					LN	$M_S = 5.7$	13.0	2.90
SNY	32.7	356	PMZ	$m_b = 5.7$	1.8	0.20	<p>APR 24d 19h 11m $45.4 \pm 0.04s$, SD2.08 / 31 $31.81 N \pm 0.36km$, $104.51 E \pm 0.35km$, $h31 \pm 0.18km$ Sichuan Province (307) $M_S 3.7 / 2$, $M_L 3.9 / 15$, $m_b 4.5 / 3$</p>						
			sP	10 13 38.6	-1.4		CD2	1.1	216	Pg	19 12 04.7	-0.8	
			iS	10 18 42.0	1.3		LZH	4.3	353	Sg	19 12 20.5	-0.4	
			SME		12.0	2.10	ePn	19 12 50.0	0.6				
			LN	$M_S = 5.3$	18.0	3.80	Pg	19 13 01.5	0.0				
			LE		14.0	1.90	Sn	19 13 40.0	0.0				
LZH	34.0	326	LZ	$M_S = 5.2$	16.0	3.80	Sg	19 13 56.0	-4.5				
			eP	10 13 36.0	-2.3		SMN	$M_L = 4.0$	1.5	0.19			
			PMZ	$m_b = 4.9$	2.0	0.036	SME		1.5	0.32			
			PMZ	$m_B = 5.5$	9.0	0.71	LN	$M_S = 3.6$	7.0	0.67			
			pP	10 13 43.0	-4.3								
			sP	10 13 50.0	-1.2								
LN	$M_S = 5.5$	13.0	3.55										
LE		12.0	2.21										

NJ2	86.3	310	+P	01 27 26.2	0.1		
MDJ	88.5	325	eP	01 27 37.0	0.0		
CN2	90.1	323	eP	01 27 43.4	-0.8		
			PMZ	$m_b=5.3$		1.0	0.020
BJI	92.9	315	eP	01 27 58.5	1.1		
			PMZ	$m_b=5.1$		0.7	0.0080
TIY	93.9	312	-P	01 28 04.6	2.7		
XAN	94.2	307	eP	01 28 04.5	1.3		

APR 25d 10h 55m $36.3 \pm 0.07s$, SD2.27 / 14
40.16 N $\pm 0.51km$, 78.25 E $\pm 0.62km$, h23 $\pm 0.23km$
Southern Xinjiang Province (321)
 $M_L 4.3 / 7$,

KSH	1.9	251	Pn	10 56 07.5	-0.6		
			Sn	10 56 34.0	1.1		
			SMN	$M_L=4.6$		0.5	5.49
			SME			0.3	4.69
WMQ	7.9	59	P	10 57 33.8	0.5		
			S	10 59 05.2	2.3		
			SMN	$M_L=4.2$		1.0	0.060
			SME			0.8	0.070
GTA	16.6	86	eP	10 59 30.2	0.7		
			SMN			1.0	0.030
			SME			1.2	0.010

APR 25d 18h 07m $51.3 \pm 0.05s$, SD1.37 / 102
13.49 N $\pm 0.86km$, 90.68 W $\pm 0.85km$, h22 $\pm 0.43km$
Off coast of Central America (76)
 $m_b 4.8 / 17$,

TIY	124.6	338	ePKP	18 26 52.2	1.7		
GTA	126.5	350	ePKP	18 26 54.0	-0.1		
XAN	129.2	339	ePKP	18 27 00.1	0.9		
LSA	137.0	358	ePKP	18 27 15.8	1.4		

APR 25d 18h 35m $43.1 \pm 0.03s$, SD1.10 / 85
25.50 S $\pm 0.52km$, 179.88 E $\pm 0.64km$, h479 $\pm 0.21km$
South of Fiji (171)
 $m_b 5.0 / 27$,

WHN	83.9	308	eP	18 47 24.0	0.7		
CN2	85.1	324	+P	18 47 30.0	0.7		
			eS	18 57 19.0	0.3		
TIY	89.2	313	eP	18 47 48.6	-0.2		
XAN	89.6	308	+P	18 47 51.3	0.5		
CD2	91.9	303	P	18 48 02.0	1.0		

APR 25d 23h 12m $18.9 \pm 0.05s$, SD2.32 / 18
32.98 N $\pm 0.45km$, 104.54 E $\pm 0.43km$, h5 $\pm 0.18km$
Sichuan Province (307)
 $M_S 3.3 / 1$, $M_L 3.7 / 13$,

CD2	2.2	198	Pn	23 12 58.0	2.0		
			Pg	23 12 59.0	1.8		
			Sg	23 13 28.0	1.2		
			SMN	$M_L=3.6$		0.8	0.44
			SME			0.9	0.45
LZH	3.2	350	ePg	23 13 15.0	0.1		
			Sn	23 13 47.5	-2.0		
			Sg	23 13 56.5	-1.3		
			SMN	$M_L=3.7$		1.5	0.25
			SME			1.5	0.34
			LE	$M_S=3.3$		6.0	0.42
XAN	3.8	73	Pn	23 13 17.0	-1.6		
			Pg	23 13 27.5	1.3		
			Sg	23 14 13.0	-5.3		
			SMN	$M_L=3.7$		0.5	0.17
			SME			0.5	0.15
GYA	6.8	164	Pn	23 14 00.2	1.1		
			Sn	23 15 16.4	-2.2		
			SMN	$M_L=3.8$		1.2	0.050

GTA	7.5	331	ePn	23 14 12.4	3.4		
			SMN	$M_L=3.9$			
			SME				
TIY	8.0	52	eP	23 14 18.8	0.1		

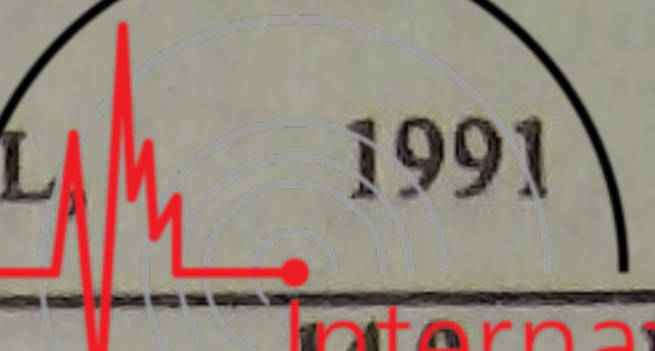
APR 25d 23h 30m $46.4 \pm 0.06s$, SD3.24 / 23
33.12 N $\pm 0.67km$, 104.69 E $\pm 0.57km$, h19 $\pm 0.19km$
Sichuan Province (307)
 $M_S 3.7 / 5$, $M_L 4.0 / 12$, $m_b 4.1 / 1$

CD2	2.3	200	Pn	23 31 25.0	0.6		
			Pg	23 31 27.0	-0.8		
XAN	3.7	74	Pn	23 31 38.7	-3.8		
			SMN	$M_L=4.1$		0.8	0.50
			SME			0.8	0.40
GYA	6.9	165	Pn	23 32 27.8	1.2		
			Sn	23 33 44.6	-1.6		
			Sg	23 34 23.0	1.8		
			SMN	$M_L=4.3$		1.2	0.10
			SME			1.2	0.20
GTA	7.4	329	ePn	23 32 30.0	-4.2		
			LN	$M_S=3.6$		10.0	0.30
			LE			10.0	0.30
			LZ	$M_S=4.0$		4.0	0.40
WHN	8.6	105	eP	23 32 48.5	-4.7		
			SMN	$M_L=4.5$		0.8	0.10
			LE	$M_S=3.8$		6.0	0.30

APR 26d 00h 24m $11.3 \pm 0.04s$, SD1.40 / 123
24.04 N $\pm 0.67km$, 122.58 E $\pm 0.71km$, h31 $\pm 0.25km$
Taiwan region (243)
 $M_S 4.9 / 48$, $M_L 5.0 / 7$, $m_b 5.2 / 4$,

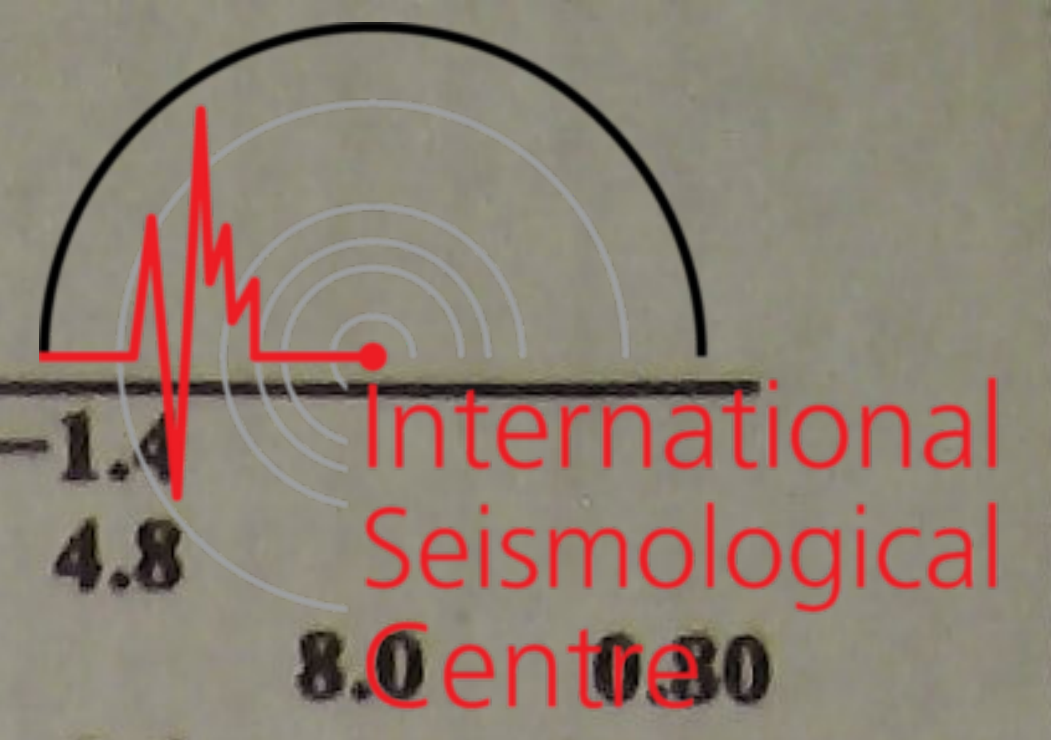
QZH	3.7	285	+Pn	00 25 07.2	-0.2		
			LE	$M_S=4.3$		10.0	5.40
			LZ	$M_S=4.6$		14.0	10.6
SSE	7.1	350	-iP	00 25 56.5	0.2		
			PMZ	$m_b=4.9$		0.7	0.050
			pP	00 26 01.5	-1.3		
			SMN	$M_L=4.8$		1.0	0.25
			SME			1.0	0.58
			LZ	$M_S=4.5$		20.0	6.40
GZH	8.5	265	eP	00 26 15.0	-0.7		
			S	00 27 46.8	-4.9		
			SMN	$M_L=5.0$		0.8	0.50
			SME			1.0	0.20
			LN	$M_S=4.7$		12.0	3.80
			LE			10.0	2.90
			LZ	$M_S=4.5$		12.0	3.60
NJ2	8.6	338	+P	00 26 15.8	-1.3		
			PMZ	$m_b=5.5$		0.6	0.10
			sP	00 26 24.0	-4.5		
			SMN	$M_L=5.3$		1.0	0.60
			SME			1.0	0.60
			LN	$M_S=4.9$		10.0	5.40
			LE			10.0	4.00
			LZ	$M_S=4.6$		13.0	5.00
WHN	9.8	313	eP	00 26 30.0	-2.9		
			pP	00 26 36.0	-3.7		
			SMN			1.0	0.50
			SME			1.0	0.30
			LN	$M_S=4.8$		12.0	4.30
			LE			12.0	3.20
			LZ	$M_S=4.5$		16.0	3.60
QZN	12.9	250	eP	00 27 16.0	1.1		
			S	00 29 37.0	-0.5		
			LN	$M_S=4.3$		14.0	1.00
			LE			13.0	0.80
TIA	13.0	340	eP	00 27 15.8	-1.1		

		LN	$M_s=4.8$	12.0	2.90			LZ	$M_s=4.7$	16.0	2.20
		LE		11.0	1.60	GTA	24.6 314	P	00 29 30.8	0.4	
		LZ	$M_s=4.8$	15.0	4.70			PMZ	$m_b=4.9$		1.0 0.50
GYA	14.6 283	P	00 27 38.8	0.8				PMZ	$m_b=5.3$		4.0 0.42
		S	00 30 15.4	-3.8				pP	00 29 41.8	3.0	
		LN	$M_s=4.8$	10.0	1.10			sP	00 29 48.0	5.3	
		LE		10.0	2.20			LE	$M_s=5.0$	15.0	2.70
DL2	14.8 357	eP	00 27 44.0	3.1				LZ	$M_s=4.9$	15.0	2.60
		sP	00 27 56.0	3.6		LSA	28.5 288	P	00 30 08.8	1.5	
		eS	00 30 30.0	4.8		WMQ	34.7 313	-P	00 31 01.0	0.4	
		LN	$M_s=4.8$	12.0	2.70			PMZ	$m_b=5.6$	1.0	0.10
		LZ	$M_s=4.5$	18.0	2.70			sP	00 31 10.5	-2.6	
XAN	15.5 313	P	00 27 51.2	1.1				LN	$M_s=5.4$	12.0	1.80
		LN	$M_s=4.8$	11.0	1.10			LE		12.0	2.40
		LE		12.0	2.30			LZ	$M_s=4.8$	13.0	1.10
TIY	16.2 330	eP	00 28 00.4	2.4							
		pP	00 28 10.0	5.0							
		LN	$M_s=5.0$	13.0	4.00						
		LZ	$M_s=5.0$	16.0	6.90						
BJI	16.8 343	eP	00 28 08.5	2.0							
		PMZ	$m_b=4.7$	1.5	0.058	MDJ	1.7 180	-Pg	00 46 00.5	-0.4	
		PMZ	$m_b=5.0$	6.0	0.46			Sg	00 46 24.0	-0.5	
		LN	$M_s=4.7$	11.0	1.72			SMN	$M_L=3.5$	0.7	0.40
SNY	17.8 2	+P	00 28 19.0	1.0				SME		0.7	0.50
		PMZ	$m_b=4.3$	1.4	0.020	CN2	3.9 231	ePg	00 46 37.8	-1.3	
		PMZ	$m_b=5.1$	10.0	1.00			eSn	00 47 15.4	-2.7	
		pP	00 28 27.0	1.7				Sg	00 47 28.0	-4.3	
		LN	$M_s=4.8$	12.0	2.20			SMN	$M_L=3.4$	0.6	0.10
		LE		12.0	0.90			SME		0.6	0.070
		LZ	$M_s=4.8$	14.0	3.10						
CD2	18.0 296	P	00 28 21.2	-0.4							
		PMZ	$m_b=4.9$	0.8	0.050						
		S	00 31 44.0	5.5							
		LE	$M_s=5.1$	5.0	2.00						
		LZ	$M_s=4.7$	15.0	2.70						
KMI	18.1 278	+P	00 28 24.0	1.8		MDJ	47.8 288	eP	06 25 13.5	-0.6	
		PMZ	$m_b=4.7$	2.0	0.070			PMZ	$m_b=5.2$	1.0	0.030
		sP	00 28 38.5	4.8				pP	06 25 29.0	0.2	
HHC	19.1 334	P	00 28 36.0	1.0		CN2	50.3 290	+P	06 25 32.0	-1.5	
		sP	00 28 46.0	-0.6				PMZ	$m_b=5.6$	1.0	0.070
		LN	$M_s=5.0$	14.0	3.30			epP	06 25 48.0	-0.2	
		LE		15.0	2.00			esP	06 25 54.0	-0.6	
		LZ	$M_s=5.0$	16.0	5.70			eS	06 32 40.0	0.1	
BTO	19.6 330	P	00 28 40.0	-0.1		SNY	52.7 290	+iP	06 25 51.0	-0.6	
		pP	00 28 47.0	-0.7				PMZ	$m_b=5.8$	0.8	0.10
		LN	$M_s=5.2$	14.0	5.10	BJI	57.4 295	eP	06 26 25.5	-0.5	
		LE		14.0	3.20			PMZ	$m_b=5.1$	1.0	0.026
CN2	19.8 6	eP	00 28 42.0	-0.8				pP	06 26 40.0	-1.0	
		PMZ	$m_b=4.8$	1.0	0.050	HHC	58.7 299	eP	06 26 35.0	-0.4	
		epP	00 28 48.0	-2.7				PMZ	$m_b=5.0$	1.0	0.020
		LN	$M_s=4.9$	12.0	2.20	BTO	59.6 300	eP	06 26 40.0	-1.3	
		LE		12.0	1.40	TIY	61.0 296	-P	06 26 50.0	-0.7	
		LZ	$M_s=5.3$	15.0	9.30			LN	$M_s=4.8$	13.0	0.29
LZH	20.1 311	+P	00 28 46.0	0.0				LZ	$M_s=4.9$	14.0	0.59
		PMZ	$m_b=5.1$	1.5	0.16	SSE	62.6 285	eP	06 27 00.7	-0.5	
		PMZ		14.0	0.48			pP	06 27 16.5	0.1	
		pP	00 28 52.5	-1.4				LZ	$M_s=4.7$	20.0	0.50
		sP	00 28 56.5	-1.7		NJ2	62.8 287	-P	06 27 02.0	-1.0	
		PP	00 29 05.0	-0.3				PMZ	$m_b=5.8$	0.9	0.10
		eS	00 32 30.0	3.9				pP	06 27 18.0	-0.2	
		sS	00 32 39.0	1.6		GTA	64.7 306	P	06 27 15.4	-0.2	
		LN	$M_s=4.7$	11.0	1.22			PMZ	$m_b=5.0$	1.0	0.020
		LZ	$M_s=4.8$	19.0	3.44			pP	06 27 30.4	-0.3	
MDJ	21.3 14	eP	00 29 00.5	2.6				LN	$M_s=5.1$	8.0	0.30
		PMZ	$m_b=4.8$	1.0	0.050	WMQ	65.2 317	P	06 27 18.5	-0.1	
		sP	00 29 13.5	3.2		XAN	65.6 296	P	06 27 19.5	-1.6	
		LN	$M_s=5.0$	12.0	1.30	LZH	66.0 301	+P	06 27 22.5	-1.2	
		LE		12.0	2.20						



		PMZ	$m_b = 5.1$	1.5	0.040				LN	$M_g = 5.0$	14.0	1.50		
		pP	06 27 37.5	-1.3					LE		14.0	1.40		
		LN	$M_g = 5.0$	15.0	0.45				LZ	$M_g = 4.5$	20.0	1.30		
		LZ	$M_g = 5.0$	20.0	0.97	KMI	28.7	310	-P	17 42 48.5	1.1			
WHN	66.2	290	-P	06 27 24.5	-0.1				PMZ	$m_b = 5.6$	1.2	0.14		
			pP	06 27 39.2	-0.7				pP	17 43 03.5	-0.6			
CD2	70.5	299	P	06 27 51.0	-0.6				ScP	17 49 29.4	0.6			
GYA	73.1	294	-iP	06 28 07.2	0.0				S	17 47 32.0	2.8			
			pP	06 28 22.8	0.4				LN	$M_g = 5.0$	8.0	0.30		
			S	06 37 29.0	1.9				LE		8.0	1.00		
			sS	06 37 58.0	2.8				LZ	$M_g = 4.7$	18.0	1.60		
LSA	76.6	308	P	06 28 29.8	1.9	TIA	29.8	344	eP	17 42 56.5	-0.4			
QZN	78.1	288	P	06 28 35.8	0.1				S	17 47 43.5	-3.0			
									ScP	17 49 32.3	0.1			
APR 26d 16h 02m $40.3 \pm 0.04s$, SD1.25 / 26									LE	$M_g = 4.5$	11.0	0.50		
9.41 S $\pm 0.55km$, 119.72 E $\pm 0.68km$, h31 $\pm 0.12km$									LZ	$M_g = 4.2$	20.0	0.60		
Sumba region (287)									eP	17 43 05.8	-1.7			
$m_b 4.9 / 13$									PMZ	$m_b = 5.6$	0.9	0.10		
NJ2	41.2	359	-P	16 10 26.0	1.5				S	17 48 05.0	-0.2			
CD2	42.9	340	P	16 10 39.0	0.6				LN	$M_g = 4.0$	12.0	0.10		
			PMZ	$m_b = 5.1$	0.6	0.020			LE		11.0	0.10		
XAN	44.4	347	eP	16 10 51.0	0.6				DL2	31.6	353	eP	17 43 12.0	0.0
APR 26d 17h 36m $54.2 \pm 0.04s$, SD1.24 / 229									eS	17 48 13.0	-1.4			
7.54 N $\pm 0.72km$, 126.62 E $\pm 0.97km$, h74 $\pm 0.06km$									sS	17 48 44.0	-0.2			
Mindanao (259)									LE	$M_g = 4.7$	13.0	0.80		
$M_g 4.8 / 39$, $m_b 5.2 / 4$, $m_b 5.4 / 68$									LZ	$M_g = 4.4$	18.0	0.70		
QZH	18.9	337	eP	17 41 14.5	2.5				CD2	31.6	320	P	17 43 11.5	-0.9
			S	17 44 36.0	-0.7				PMZ	$m_b = 5.6$	1.0	0.10		
			LN	$M_g = 5.0$	8.0	1.40			S	17 48 13.0	-1.1			
			LE		8.0	1.50			LE	$M_g = 5.2$	14.0	2.70		
			LZ	$M_g = 4.5$	24.0	2.70			LZ	$M_g = 4.5$	24.0	1.20		
QZN	19.9	307	-iP	17 41 23.5	1.0			TIY	32.7	339	+P	17 43 21.2	-0.8	
			PMZ	$m_b = 6.0$	1.5	1.10			S	17 48 31.0	-0.1			
			PMZ	$m_b = 5.8$	3.5	1.70			LN	$M_g = 4.6$	10.0	0.44		
			PP	17 41 43.5	-0.7				LZ	$M_g = 4.6$	20.0	1.20		
			S	17 45 02.0	5.0				BJI	33.7	345	eP	17 43 30.0	-0.6
			SS	17 45 30.0	1.4				PMZ	$m_b = 5.0$	1.0	0.026		
			LE	$M_g = 4.8$	12.0	1.80			ePcP	17 46 09.0	0.5			
GZH	20.0	322	P	17 41 24.0	0.0				eS	17 48 45.0	-2.6			
			S	17 45 04.0	4.1				eScP	17 49 46.0	0.7			
			LN	$M_g = 4.7$	9.0	0.70			eScS	17 53 49.0	3.7			
			LE		9.0	0.80			SNY	34.3	356	-P	17 43 34.5	-0.9
			LZ	$M_g = 4.4$	30.0	2.50			PMZ	$m_b = 5.3$	1.2	0.060		
SSE	24.0	348	eP	17 42 04.0	1.0				iS	17 48 56.0	-0.4			
			PMZ	$m_b = 4.9$	7.0	0.40			sS	17 49 26.0	-0.3			
			pP	17 42 18.0	-1.6				LE	$M_g = 4.7$	13.0	0.70		
			sP	17 42 25.0	-3.8				LZ	$M_g = 4.7$	22.0	1.60		
			S	17 46 12.0	0.9				LZH	35.2	327	eP	17 43 42.0	-1.9
			sS	17 46 38.0	-2.4				PMZ	$m_b = 5.6$	1.2	0.13		
			ScP	17 49 16.5	1.8				pP	17 43 58.5	-2.7			
			LN	$M_g = 4.7$	11.0	0.60			sP	17 44 09.5	-0.7			
			LE		12.0	1.00			PP	17 45 00.0	-3.7			
			LZ	$M_g = 4.5$	20.0	1.40			PcP	17 46 14.5	1.6			
NJ2	25.4	345	+P	17 42 19.8	2.8				S	17 49 05.0	-5.5			
			ScP	17 49 20.0	1.2				ScP	17 49 50.0	-0.7			
			iScS	17 53 10.0	3.5				ScS	17 53 54.0	0.5			
			LZ	$M_g = 4.1$	18.0	0.50			LE	$M_g = 4.7$	12.0	0.67		
WHN	25.6	335	eP	17 42 20.5	1.9				LZ	$M_g = 4.9$	15.0	1.68		
			PcP	17 45 49.5	1.6				HHC	35.8	340	eP	17 43 48.8	0.2
			LE	$M_g = 4.7$	10.0	0.80			S	17 49 20.0	0.9			
			LZ	$M_g = 4.4$	20.0	1.10			LE	$M_g = 4.7$	10.0	0.50		
GYA	26.7	317	-iP	17 42 31.0	1.9				LZ	$M_g = 4.5$	28.0	1.20		
			sP	17 42 55.0	0.1				BTO	36.1	338	eP	17 43 52.0	0.7
			PcP	17 45 52.0	1.5				pP	17 44 13.0	4.3			
			S	17 47 00.0	3.3				iS	17 49 24.0	-1.1			
			ScP	17 49 23.6	1.1				LN	$M_g = 4.6$	13.0	0.30		
			ScS	17 53 14.0	2.1				LE		14.0	0.40		
									CN2	36.1	359	eP	17 43 52.0	0.5

			PP	22 33 18.0	-0.6				CD2	50.5 263	eP	00 45 17.5	-0.9			
			PcP	22 33 43.0	-0.3				GYA	52.8 258	P	00 45 36.0	0.2			
			eS	22 37 48.0	0.9						S	00 53 03.0	3.3			
			eSS	22 40 43.0	1.2						LN		$M_g=5.4$	17.0	1.00	
			LN		$M_s=5.3$	10.0	1.00				LE			17.0	2.00	
			LE			10.0	1.20									
			LZ		$M_s=5.4$	18.0	5.40									
SSE	41.4	85	+P	22 31 50.3	1.3											
			pP	22 32 00.0	-0.1											
			PP	22 33 31.0	3.2											
			LN		$M_s=5.1$	13.0	0.70		BTO	2.3 279	Pn	02 30 17.6	4.3			
			LE			13.0	1.10				Pg	02 30 20.0	3.9			
			LZ		$M_s=4.9$	20.0	1.60				Sg	02 30 52.5	5.3			
QZH	42.3	95	+P	22 31 56.0	-0.2						SMN		$M_L=3.7$	0.8	0.50	
			PMZ		$m_b=5.7$	0.8	0.090				SME			0.8	0.40	
			LN		$M_s=5.2$	12.0	1.03		BJI	2.5 95	Pn	02 30 15.0	-1.0			
			LE			12.0	1.00				Pg	02 30 17.5	-2.4			
			LZ		$M_s=5.2$	16.0	2.37				Sg	02 30 49.5	-4.3			
MDJ	43.2	63	+P	22 32 03.5	-0.3						SMN		$M_L=3.7$	1.0	0.29	
			pP	22 32 14.5	-0.5						SME			1.0	0.48	
			LN		$M_s=5.5$	11.0	1.60		TIY	2.6 189	Pn	02 30 17.6	-0.3			
			LE			11.0	2.00				Pg	02 30 20.6	-1.6			
			LZ		$M_s=5.1$	14.0	1.70				Sn	02 30 50.7	-0.2			
											SMN		$M_L=3.9$	0.9	0.39	
											SME			0.9	0.86	
									TIA	5.2 140	ePn	02 30 53.2	-0.7			
											Pg	02 31 10.5	2.1			
											SMN		$M_L=3.4$	1.0	0.040	
											SME			1.0	0.050	
MDJ	27.3	250	eP	00 42 07.8	2.8				XAN	7.0 209	ePn	02 31 18.7	0.1			
CN2	29.9	254	eP	00 42 27.0	-0.8						SMN		$M_L=3.8$	0.9	0.040	
			PMZ		$m_b=4.6$	1.0	0.010				SME			1.0	0.040	
			epP	00 42 35.0	-2.0				GTA	10.1 269	P	02 32 05.8	1.4			
			eS	00 47 24.0	2.2						SMN			1.0	0.20	
			LN		$M_s=4.9$	15.0	1.20				SME			1.0	0.20	
			LE			15.0	1.00		GYA	14.8 203	P	02 33 06.2	0.0			
			LZ		$M_s=5.1$	15.0	3.20									
SNY	32.3	254	eP	00 42 48.5	-0.5											
			S	00 48 02.0	3.4											
			LN		$M_s=5.0$	14.0	1.30									
			LE			13.0	1.00									
			LZ		$M_s=4.6$	18.0	1.10									
BJI	37.2	259	eP	00 43 31.5	0.5				TIY	130.1 344	ePKP	06 01 55.2	2.4			
			PMZ		$m_b=5.0$	1.5	0.039				LN		$M_s=5.4$	15.0	0.30	
			LN		$M_s=4.7$	11.0	0.57				LZ		$M_s=5.1$	20.0	0.38	
BTO	39.7	266	eP	00 43 52.0	-0.4				GTA	130.5 357	PKP	06 01 53.8	0.1			
			LN		$M_s=5.2$	14.0	1.00		GYA	142.2 345	PKP	06 02 13.0	-2.2			
			LE			14.0	1.40				LN		$M_s=5.6$	15.0	0.20	
SSE	42.2	246	+P	00 44 13.0	0.8						LE			15.0	0.40	
			PMZ		$m_b=4.8$	1.2	0.017		KMI	144.3 351	-PKP	06 02 17.5	-1.4			
			eS	00 50 32.0	1.9						pPKP	06 02 24.0	3.3			
			LN		$M_s=4.8$	18.0	0.70		QZN	148.1 336	ePKP	06 02 29.0	3.8			
			LE			18.0	0.50									
			LZ		$M_s=4.5$	20.0	0.60									
NJ2	42.4	249	-P	00 44 15.0	0.7											
			eS	00 50 36.0	2.3											
			LN		$M_s=5.1$	13.0	1.10									
			LE			13.0	0.60									
			LZ		$M_s=4.3$	20.0	0.40									
XAN	45.5	261	eP	00 44 38.8	-0.2				LSA	3.2 267	Pg	10 05 51.0	-2.6			
			LN		$M_s=5.1$	15.0	0.80				Sg	10 06 38.4	1.0			
			LE			15.0	0.80				LE		$M_s=4.4$	4.0	3.40	
LZH	46.3	267	eP	00 44 45.5	-0.1				CD2	7.7 80	ePn	10 06 52.0	4.5			
			PMZ		$m_b=4.9$	1.6	0.029				eSn	10 08 13.0	-3.5			
			pP	00 44 57.5	2.6						LE		$M_s=4.7$	6.0	2.80	
			eS	00 51 36.0	6.0						LZ		$M_s=4.3$	10.0	2.00	
			LN		$M_s=5.3$	15.0	1.33		LZH	9.7 48	eP	10 07 16.0	-1.6			
			LE			14.0	1.03				PMZ		$m_b=4.8$	1.0	0.030	
			LZ		$M_s=4.5$	20.0	0.53		GYA	11.0 105	P	10 07 34.0	-0.5			
											LN		$M_s=4.5$	8.0	1.30	



			LE			8.0	0.60
TIY	16.5	57	eP	10 08 50.0		2.2	
			LE		$M_s=4.2$	12.0	0.56
			LZ		$M_s=4.3$	14.0	1.19
WHN	16.9	83	-eP	10 08 52.0		0.2	
			PMZ		$m_b=4.6$	1.5	0.040
			sP	10 09 06.0		3.4	
			LN		$M_s=4.5$	10.0	1.00
QZN	17.4	125	eP	10 08 59.5		0.8	
			LN		$M_s=4.1$	11.0	0.30
			LE			11.0	0.30
HHC	17.4	47	eP	10 08 56.4		-2.6	
BJI	20.1	54	eP	10 09 33.5		2.6	
			PMZ		$m_b=4.2$	1.0	0.011
CN2	27.9	52	eP	10 10 48.0		1.4	

APR 27d 12h 12m 19.9±0.04s, SD1.09 / 71
 4.50 S±0.61km, 102.82 E±0.88km, h107±0.50km
 Southern Sumatera (274)
 $m_b=5.0/25,$

QZN	24.4	16	P	12 17 32.0		2.3	
GYA	31.0	7	P	12 18 31.0		1.0	
CD2	35.2	1	eP	12 19 05.0		-1.3	
WHN	36.5	17	eP	12 19 19.0		1.6	
XAN	38.8	8	P	12 19 35.3		-0.6	
LZH	40.4	1	eP	12 19 49.5		0.0	
			PMZ		$m_b=5.1$	1.0	0.035
			LE			10.0	0.26
			LZ			15.0	0.24
TIY	42.9	11	eP	12 20 10.0		-0.3	
GTA	43.8	357	+iP	12 20 17.5		0.3	
			PMZ		$m_b=4.9$	1.0	0.020
HHC	45.8	9	P	12 20 34.5		0.9	
BJI	46.0	14	eP	12 20 35.0		0.3	
WMQ	50.0	346	+iP	12 21 05.5		-0.3	
			PMZ		$m_b=5.7$	1.0	0.10
CN2	52.2	21	+P	12 21 21.0		-1.7	
			PMZ		$m_b=5.0$	1.0	0.020

APR 27d 17h 33m 48.6±0.11s, SD4.47 / 6
 40.43 N±0.50km, 79.04 E±0.54km, h12±0.57km
 Southern Xinjiang Province (321)
 $M_L=3.3/6,$

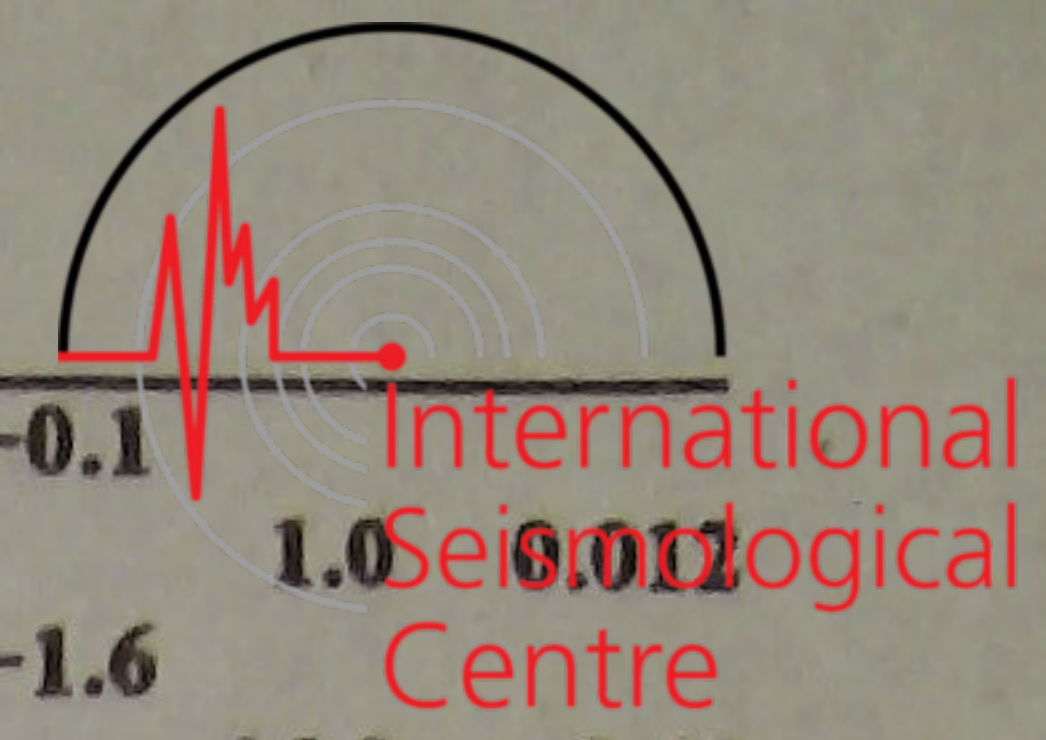
WMQ	7.3	59	Pn	17 35 36.6		1.3	
			Sn	17 37 01.3		1.2	
			SMN		$M_L=3.2$	1.0	0.010
			SME			1.0	0.010

APR 27d 18h 21m 08.0±0.05s, SD0.89 / 282
 60.84 N±0.69km, 166.86 E±0.51km, h33±0.12km
 Eastern Siberia (671)
 $M_s=5.7/53, m_b=5.5/13, m_b=5.4/103$

MDJ	27.3	251	eP	18 26 50.5		-1.4	
			PP	18 27 43.0		4.1	
			LN		$M_s=5.7$	16.0	8.20
			LE			14.0	7.40
			LZ		$M_s=5.5$	13.0	8.00
CN2	29.9	254	+P	18 27 14.0		-0.8	
			PMZ		$m_b=4.9$	1.0	0.020
			PMZ		$m_b=5.4$	4.0	0.30
			pP	18 27 24.0		-0.1	
			eS	18 32 11.0		2.4	
			LN		$M_s=5.6$	15.0	5.50
			LE			15.0	5.00
			LZ		$M_s=5.7$	15.0	14.0
SNY	32.3	254	+iP	18 27 36.0		0.0	
			PMZ		$m_b=5.4$	1.6	0.10
			pP	18 27 43.2		-2.0	

			sP	18 27 47.8		-1.4	
			IS	18 32 51.0		4.8	
			SMN				8.0
			sS	18 32 56.0		-5.6	
			LN		$M_s=5.4$	14.0	2.60
			LE			13.0	3.60
			LZ		$M_s=5.2$	18.0	4.50
DL2	35.5	253	eP	18 28 04.5		0.8	
			S	18 33 38.5		3.3	
			LN		$M_s=5.7$	16.0	5.10
			LE			16.0	5.70
			LZ		$M_s=5.2$	14.0	2.90
BJI	37.2	259	eP	18 28 18.0		0.0	
			PMZ		$m_b=5.6$	1.2	0.12
			PMZ		$m_b=5.7$	4.0	0.47
			ePP	18 29 44.0		-1.1	
			eS	18 34 04.0		1.8	
			LN		$M_s=5.6$	13.0	2.91
			LE			13.0	3.70
HHC	38.8	265	P	18 28 32.3		0.6	
			pP	18 28 39.0		-1.9	
			sS	18 34 40.0		-2.3	
			LN		$M_s=5.8$	10.0	2.20
			LE			11.0	5.10
			LZ		$M_s=5.4$	14.0	4.30
BTO	39.7	266	P	18 28 40.0		0.5	
			ePP	18 30 19.0		4.0	
			S	18 34 44.0		3.9	
			LN		$M_s=5.7$	12.0	2.80
			LE			12.0	3.70
TIA	39.8	255	eP	18 28 40.2		0.6	
			S	18 34 45.5		5.0	
			sS	18 35 02.0		5.0	
			LN		$M_s=5.6$	14.0	3.50
			LE			14.0	2.80
			LZ		$M_s=5.1$	20.0	2.60
TIY	40.8	261	eP	18 28 49.4		1.0	
			LN		$M_s=5.6$	13.0	3.80
			LZ		$M_s=5.4$	14.0	3.80
SSE	42.1	246	+P	18 29 00.0		0.8	
			PMZ		$m_b=5.0$	1.0	0.025
			eS	18 35 14.0		-2.7	
			LN		$M_s=5.5$	16.0	1.50
			LE			16.0	3.10
			LZ		$M_s=5.0$	20.0	2.00
NJ2	42.4	249	+P	18 29 01.5		0.2	
			PMZ		$m_b=5.4$	6.0	0.40
			S	18 35 24.0		4.5	
			LN		$M_s=5.9$	13.0	6.20
			LE			13.0	2.80
			LZ		$M_s=5.5$	14.0	4.20
XAN	45.4	261	P	18 29 26.0		-0.1	
			LN		$M_s=5.8$	13.0	3.20
			LE			13.0	3.60
GTA	45.6	274	+P	18 29 28.0		0.3	
			PMZ		$m_b=5.3$	1.2	0.050
			pP	18 29 34.2		-2.8	
			S	18 36 13.0		6.5	
			LN		$M_s=5.9$	11.5	5.50
WHN	45.7	253	+P	18 29 28.7		0.4	
			PMZ		$m_b=5.6$	5.0	0.40
			pP	18 29 37.2		-0.6	
			LN		$M_s=5.7$	15.0	2.70
			LE			15.0	3.20
			LZ		$M_s=5.3$	15.0	2.40
LZH	46.3	267	+iP	18 29 33.5		0.7	
			PMZ		$m_b=5.6$	1.4	0.13
			PMZ		$m_b=5.4$	6.0	0.36

	pP	18 29 44.0	1.9		LSA	64.2 307 P	19 37 35.0	-0.1	
	sP	18 29 48.0	2.0		WMQ	72.7 319 eP	19 38 29.0	1.6	
	PP	18 31 22.0	1.2						
	S	18 36 16.0	0.4						
	sS	18 36 33.0	0.7						
	LN	$M_s = 6.0$	14.0	5.79					
	LE		14.0	6.43					
	LZ	$M_s = 5.3$	18.0	3.09					
WMQ	48.1 287 P	18 29 47.2	0.3						
	PMZ	$m_b = 5.2$	1.5	0.050					
	LN	$M_s = 6.1$	9.0	5.01					
	LE		6.0	3.06					
	LZ	$M_s = 5.2$	16.0	2.25					
QZH	48.6 245 eP	18 29 48.0	-2.7						
	LN	$M_s = 5.4$	14.0	1.60					
	LE		14.0	1.30					
	LZ	$M_s = 5.2$	18.0	2.40					
CD2	50.5 263 +P	18 30 05.0	-0.5						
	PMZ	$m_b = 5.4$	1.0	0.050					
	S	18 37 20.0	5.0						
	LE	$M_s = 6.0$	13.0	6.10					
	LZ	$M_s = 5.3$	16.0	2.20					
GYA	52.8 258 +iP	18 30 23.0	0.1						
	pP	18 30 32.8	0.5						
	S	18 37 52.0	5.4						
	LN	$M_s = 5.8$	18.0	3.60					
	LE		18.0	4.40					
	LZ	$M_s = 4.9$	18.0	1.10					
KMI	55.8 260 +P	18 30 43.5	-1.4						
	PMZ	$m_b = 5.6$	1.0	0.080					
	pP	18 30 51.0	-3.2						
	eS	18 38 32.0	3.5						
	LN	$M_s = 5.6$	13.0	0.90					
	LE		13.0	2.10					
	LZ	$M_s = 5.7$	8.0	2.50					
KSH	56.9 293 eP	18 30 54.0	1.3						
	LE	$M_s = 6.5$	10.0	13.8					
LSA	57.7 274 P	18 30 57.8	-0.7						
QZN	57.7 250 P	18 30 57.8	-0.3						
	LN	$M_s = 5.8$	16.0	1.80					
	LE		16.0	3.20					
<p>APR 27d 19h 27m 05.0 ± 0.03s, SD0.91 / 109 5.89 S ± 0.40km, 147.06 E ± 0.64km, h77 ± 0.20km Eastern New Guinea region (207) $M_s 4.8 / 1, m_b 5.5 / 1, m_b 5.0 / 25$</p>									
QZH	41.3 319 eP	19 34 45.0	0.1						
QZN	44.2 305 eP	19 35 09.9	1.1						
SSE	44.3 328 +P	19 35 10.3	0.9						
	PMZ	$m_b = 5.0$	1.0	0.022					
	pP	19 35 26.3	-1.6						
	LZ	$M_s = 4.4$	20.0	0.50					
NJ2	46.3 326 +P	19 35 26.0	0.6						
WHN	47.9 321 +P	19 35 39.0	1.4						
	pP	19 35 54.5	-1.7						
SNY	52.1 338 eP	19 36 09.2	-0.7						
	pP	19 36 26.8	-2.0						
CN2	53.2 341 eP	19 36 17.2	-0.7						
XAN	53.6 320 +iP	19 36 20.4	-0.9						
BJI	53.8 331 eP	19 36 21.5	-1.2						
	PMZ	$m_b = 4.7$	1.0	0.0090					
TIY	54.0 326 eP	19 36 24.0	-0.4						
LZH	58.2 319 eP	19 36 52.5	-1.4						
	PMZ		15.0	23.0					
	pP	19 37 09.0	-3.9						
	sP	19 37 25.0	3.0						
GTA	62.7 320 P	19 37 24.2	-0.6						
	PMZ	$m_b = 4.9$	0.6	0.010					
<p>APR 27d 20h 08m 28.1 ± 0.04s, SD1.40 / 127 9.23 N ± 0.71km, 126.46 E ± 1.04km, h58 ± 0.25km Mindanao (259) $M_s 4.5 / 16, m_b 5.3 / 1, m_b 5.3 / 43$</p>									
QZH	17.3 335 eP	20 12 27.0	-0.7						
	eS	20 15 38.0	1.8						
	sS	20 15 48.0	-5.5						
	SS	20 15 55.0	-3.2						
	LN	$M_s = 4.4$	16.0	1.30					
	LZ	$M_s = 4.5$	16.0	1.90					
GZH	18.6 319 eP	20 12 43.0	-0.8						
	LZ	$M_s = 4.6$	19.0	2.30					
QZN	18.8 303 eP	20 12 41.0	-4.8						
	eS	20 16 07.0	-2.5						
	LN	$M_s = 4.5$	15.0	0.70					
	LE		15.0	0.90					
SSE	22.3 348 +P	20 13 23.0	0.9						
	PMZ	$m_b = 5.1$	1.0	0.086					
	sS	20 17 36.0	-4.5						
	LE	$M_s = 4.2$	13.0	0.40					
	LZ	$M_s = 4.2$	20.0	0.80					
NJ2	23.8 344 +P	20 13 37.6	1.1						
	PMZ	$m_b = 5.3$	0.7	0.10					
	sP	20 13 50.5	-5.5						
	LZ	$M_s = 4.0$	18.0	0.40					
WHN	24.0 334 eP	20 13 40.5	1.6						
	LN	$M_s = 4.6$	10.0	0.80					
KMI	27.6 308 +P	20 14 13.5	1.2						
XAN	29.5 329 P	20 14 26.8	-2.6						
DL2	29.9 352 eP	20 14 33.5	0.9						
CD2	30.2 319 eP	20 14 36.0	0.3						
TIY	31.1 338 -P	20 14 43.0	-0.3						
	LN	$M_s = 4.6$	16.0	0.72					
	LZ	$M_s = 4.3$	20.0	0.63					
BJI	32.0 345 eP	20 14 51.0	-0.7						
	PMZ	$m_b = 5.2$	1.0	0.044					
SNY	32.6 356 +iP	20 14 51.8	-4.6						
	PMZ	$m_b = 5.6$	1.0	0.10					
	S	20 20 11.0	5.5						
	LE	$M_s = 4.3$	12.0	0.30					
	LZ	$M_s = 4.6$	18.0	1.00					
LZH	33.7 326 eP	20 15 07.5	0.8						
	PMZ	$m_b = 4.7$	1.2	0.013					
	sP	20 15 21.0	-5.4						
	LE	$M_s = 4.5$	15.0	0.48					
	LZ	$M_s = 4.6$	17.0	0.97					
HHC	34.2 340 P	20 15 10.0	-0.2						
CN2	34.5 359 +P	20 15 12.5	-0.2						
	PMZ	$m_b = 4.6$	1.0	0.010					
	epP	20 15 25.0	-1.5						
	LN	$M_s = 4.3$	16.0	0.30					
	LE		16.0	0.10					
	LZ	$M_s = 4.8$	16.0	1.30					
MDJ	35.4 4 eP	20 15 21.5	1.1						
GTA	38.3 326 P	20 15 45.0	-0.6						
	PMZ	$m_b = 4.7$	0.8	0.010					
	sP	20 16 01.2	-4.4						
	LE	$M_s = 4.8$	16.0	0.90					
LSA	38.8 307 P	20 15 50.8	1.1						
WMQ	48.1 323 P	20 17 04.5	-0.5						
<p>APR 28d 03h 47m 28.9 ± 0.01s, SD1.53 / 5 22.82 N ± 0.11km, 101.00 E ± 0.16km, h14 ± 0.34km Burma-China border region (297) $M_s 3.0 / 4,$</p>									



KMI	2.8	34	ePg	03 48 17.5	-1.5		
			Sg	03 49 02.5	5.2		
			SMN		$M_L = 2.8$	1.5	0.050
			SME			1.5	0.030

APR 28d 14h 52m 16.6 ± 0.10s, SD1.96 / 39
 23.96 N ± 0.93km, 121.95 E ± 1.05km, h11 ± 0.21km
 Taiwan (244)

$M_S 4.1 / 15, M_L 4.1 / 9, m_b 4.2 / 6$

QZH	3.2	288	Pn	14 53 06.5	-1.0		
			Sn	14 53 50.0	2.3		
			SMN		$M_L = 3.9$	0.9	0.48
			SME			0.9	0.37
			LN		$M_S = 4.0$	6.0	1.10
			LE			7.0	2.00
			LZ		$M_S = 4.2$	8.0	3.10

SSE	7.1	355	eP	14 54 04.5	0.7		
			SMN		$M_L = 4.0$	1.5	0.073
			SME			1.2	0.058
			LN		$M_S = 4.0$	6.0	0.40
			LE			5.0	0.50
			LZ		$M_S = 3.6$	12.0	0.50

GZH	7.9	265	P	14 54 13.8	-1.3		
			S	14 55 39.8	-5.8		
			SMN		$M_L = 4.7$	1.0	0.20
			LE		$M_S = 4.2$	6.0	0.80

NJ2	8.5	342	-P	14 54 20.5	-2.5		
			S	14 56 00.0	0.2		
			SMN		$M_L = 4.5$	1.0	0.10
			SME			1.2	0.10
			LN		$M_S = 4.0$	8.0	0.40
			LE			8.0	0.60

GYA	14.1	283	P	14 55 40.0	1.5		
			SMN			1.8	0.20
			SME			1.8	0.10
			sS	14 58 27.0	4.1		
			LN		$M_S = 4.5$	8.0	0.60
			LE			8.0	0.90

XAN	15.2	314	eP	14 55 53.7	0.7		
			LN		$M_S = 4.3$	9.0	0.40
			LE			8.0	0.40

CD2	17.6	297	eP	14 56 23.0	-0.4		
LZH	19.8	312	eP	14 56 52.0	2.1		
			PMZ		$m_b = 4.3$	1.5	0.023
			sP	14 57 02.0	3.9		
			LN		$M_S = 4.3$	7.0	0.32
			LZ		$M_S = 4.1$	10.0	0.43

APR 28d 17h 24m 24.0 ± 0.05s, SD2.53 / 11
 41.05 N ± 0.54km, 107.45 E ± 0.41km, h17 ± 0.13km
 Northern China (323)

$M_L 3.6 / 10,$

BTO	2.0	102	Pn	17 24 55.8	-1.9		
			Pg	17 24 57.1	-2.3		
			Sg	17 25 21.1	-5.8		
			SMN		$M_L = 3.6$	0.4	0.56
			SME			0.4	0.37
			SMZ		$M_L = 3.6$	0.4	0.37

GTA	6.1	257	Pn	17 25 55.2	1.6		
			Sn	17 27 03.5	-1.2		
			SMN		$M_L = 3.0$	0.9	0.010
			SME			0.4	0.010

XAN	7.1	170	ePn	17 26 12.2	4.6		
-----	-----	-----	-----	------------	-----	--	--

APR 29d 06h 54m 53.7 ± 0.06s, SD1.15 / 90
 20.75 S ± 0.91km, 174.09 W ± 0.99km, h39 ± 0.21km
 Tonga (173)

$m_b 5.6 / 1, m_b 5.2 / 36,$

SSE	80.7	308	P	07 07 05.0	-0.1		
			PMZ		$m_b = 4.8$	1.0	0.012
			pP	07 07 14.2	-1.6		
			LZ		$M_S = 4.9$	16.0	0.40

MDJ	82.9	323	eP	07 07 16.0	-0.4		
			PMZ		$m_b = 4.8$	1.0	0.010
			pP	07 07 26.5	-0.7		

CN2	84.8	321	+P	07 07 26.0	0.0		
			PMZ		$m_b = 4.8$	1.0	0.010
			PMZ		$m_b = 5.6$	5.0	0.30
			pP	07 07 35.0	-1.8		
			LZ		$M_S = 5.0$	20.0	0.60

WHN	85.6	305	eP	07 07 30.7	0.8		
			PMZ		$m_b = 5.4$	1.4	0.050
			pP	07 07 41.0	0.2		

BJI	88.7	314	eP	07 07 45.0	0.0		
			PMZ		$m_b = 5.5$	2.0	0.080

GYA	90.0	298	P	07 07 52.6	1.3		
			pP	07 08 02.4	0.3		

TIY	90.2	311	-P	07 07 53.2	0.9		
XAN	91.2	306	+P	07 07 57.5	0.4		

HHC	92.2	313	eP	07 08 02.0	0.5		
KMI	92.7	296	+P	07 08 06.0	1.7		
			PMZ		$m_b = 5.6$	1.5	0.050
			pP	07 08 15.5	0.6		

LZH	95.8	306	eP	07 08 17.5	-0.8		
			PMZ		$m_b = 5.8$	1.5	0.042
			pP	07 08 28.0	-1.0		
			LZ		$M_S = 5.0$	15.0	0.39

APR 29d 09h 12m 47.4 ± 0.04s, SD1.17 / 553
 42.49 N ± 0.80km, 43.69 E ± 0.44km, h18 ± 0.16km
 Turkey-USSR border region (367)

$M_S 7.1 / 64, m_b 6.6 / 40, m_b 5.9 / 91$

KSH	24.4	86	P	09 18 09.0	2.3		
			LN		$M_S = 7.2$	9.0	279

WMQ	31.9	72	+iP	09 19 14.5	0.3		
			PMZ		$m_b = 6.7$	6.0	7.10
			PcS	09 25 44.0	-3.5		
			LN		$M_S = 7.6$	15.0	699

LSA	39.9	93	P	09 20 24.0	0.8		
			pP	09 20 28.5	-1.0		
			eS	09 26 27.0	-1.0		
			LE		$M_S = 7.1$	16.0	156

GTA	41.8	75	+P	09 20 39.0	0.3		
			PMZ		$m_b = 6.2$	1.6	0.70
			PMZ		$m_b = 6.6$	5.0	4.97
			S	09 27 00.0	5.4		
			LE		$M_S = 6.8$	13.0	68.6

LZH	46.1	77	+iP	09 21 14.0	0.5		
			PMZ		$m_b = 6.6$	1.5	1.54
			PMZ		$m_b = 6.8$	4.0	6.32
			pP	09 21 23.0	3.0		
			PP	09 23 05.0	4.0		
			S	09 27 56.0	-0.9		
			SME			10.0	11.9
			sS	09 28 13.0	3.7		
			SS	09 31 16.0	1.4		
			LE		$M_S = 7.1$	15.0	113

BTO	48.5	69	+iP	09 21 32.0	0.0		
			PMZ		$m_b = 6.5$	8.0	6.00
			PP	09 23 21.0	-2.6		
			ScS	09 31 21.5	1.4		
			LN		$M_S = 7.2$	13.0	80.1
			LE			13.0	72.8

CD2	48.6	83	P	09 21 32.5	-0.1		
			LN		$M_S = 7.1$	15.0	103
			LZ		$M_S = 6.6$	24.0	84.9

				43.57 N ± 0.56km, 132.34 E ± 0.21km, h503 ± 0.49km E. Russia-N.E. China border region (657)			
BTO	48.3	69	LZ	M _S = 5.5	16.0	4.00	
			P	14 51 51.0	0.8		
			esP	14 52 02.0	3.6		
			LN	M _S = 5.5	16.0	2.10	MDJ 2.2 299 +iP 16 52 33.8 -0.6
			LE		16.0	1.70	CN2 5.0 275 -iP 16 52 55.0 -0.2
CD2	48.4	83	P	14 51 50.6	-0.3		eS 16 54 04.5 -0.2
			PMZ	m _b = 5.4	1.0	0.060	SNY 6.7 258 -iP 16 53 11.8 0.4
HHC	49.3	68	P	14 51 58.0	0.4		PMZ m _b = 4.9 1.0 0.10
XAN	50.6	77	+iP	14 52 07.7	0.2		DL2 9.3 244 eP 16 53 39.3 0.6
			PMZ	m _b = 5.6	1.0	0.10	IS 16 55 26.0 2.8
			LN	M _S = 5.3	12.0	1.00	BJI 12.6 259 eP 16 54 12.5 -0.3
			LE		14.0	1.00	PMZ m _b = 5.3 1.0 0.090
KMI	50.8	90	+P	14 52 09.0	-0.6		SSE 15.3 219 +P 16 54 40.5 0.1
			PMZ	m _b = 5.7	2.0	0.23	PMZ m _b = 5.2 0.7 0.056
			pP	14 52 13.0	-1.8		eS 16 57 16.0 -0.6
TIY	51.3	71	+iP	14 52 13.0	0.0		HHC 15.6 267 -P 16 54 44.4 0.2
			LN	M _S = 5.2	17.0	1.30	NJ2 15.7 227 +P 16 54 44.0 -0.2
			LZ	M _S = 5.0	21.0	1.50	PMZ m _b = 5.3 1.0 0.10
BJI	52.8	67	eP	14 52 24.0	0.0		TIY 16.2 256 eP 16 54 50.5 0.8
			PMZ	m _b = 5.4	1.0	0.050	BTO 16.8 268 P 16 54 57.0 1.0
GYA	53.0	86	P	14 52 25.4	-0.2		WHN 19.3 234 +P 16 55 20.8 0.8
			PcP	14 53 36.0	2.6		PMZ m _b = 5.0 0.7 0.030
			S	14 59 56.0	3.4		XAN 20.5 250 -P 16 55 31.0 -0.5
TIA	55.3	70	eP	14 52 42.8	0.2		QZH 21.7 216 eP 16 55 41.9 -0.7
			LN	M _S = 5.2	15.0	1.00	LZH 23.0 261 -P 16 55 52.5 -2.3
			LZ	M _S = 4.8	24.0	1.00	PMZ m _b = 5.0 1.8 0.064
WHN	56.3	78	-P	14 52 50.5	0.6		GTA 24.6 272 -iP 16 56 09.3 0.3
			PMZ	m _b = 5.3	0.7	0.030	PMZ m _b = 4.9 1.0 0.030
			sP	14 53 03.5	5.2		CD2 25.9 250 P 16 56 19.8 -0.3
			LZ	M _S = 4.9	16.0	0.80	GYA 26.9 239 P 16 56 28.4 -1.0
SNY	56.9	61	-P	14 52 55.0	1.4		WMQ 32.0 286 P 16 57 13.6 0.6
			eS	15 00 50.0	4.4		
			LN	M _S = 5.4	13.0	1.00	
			LE		12.0	0.90	
			LZ	M _S = 5.3	14.0	1.80	
DL2	57.0	65	eP	14 52 54.8	-0.1		APR 29d 18h 12m 22.6 ± 0.05s, SD1.31 / 291
			PMZ	m _b = 5.2	1.2	0.040	11.23 S ± 0.83km, 77.66 W ± 0.85km, h56 ± 0.51km
			eS	15 00 53.0	5.0		Off coast of Peru (114)
			LN	M _S = 5.2	12.0	0.70	M _S 6.3 / 6, m _b 6.1 / 1, m _b 5.6 / 71
CN2	57.1	59	eP	14 52 54.0	-1.2		CN2 141.9 333 ePKP 18 31 47.4 -1.6
			PMZ	m _b = 4.7	1.0	0.010	SNY 144.3 332 -PKP 18 31 52.2 -0.8
			PMZ	m _b = 5.8	5.0	0.60	pPKP 18 32 09.0 0.4
			epP	14 52 57.0	-3.8		sPKP 18 32 15.5 0.0
			eS	15 00 53.0	4.4		WMQ 145.1 19 -iPKP 18 31 55.5 0.8
			LN	M _S = 5.4	12.0	0.90	pPKP 18 32 12.5 2.3
			LE		12.0	1.00	DL2 147.5 331 ePKP 18 32 01.2 2.6
			LZ	M _S = 5.4	12.0	1.80	BJI 148.8 339 ePKP 18 32 02.0 1.4
NJ2	58.7	74	+P	14 53 05.5	-1.4		HHC 149.4 346 +PKP 18 32 04.0 2.3
			PMZ	m _b = 5.5	1.0	0.060	BTO 150.0 348 PKP 18 32 00.7 -2.0
			S	15 01 15.0	5.7		TIA 151.8 334 ePKP 18 32 07.4 2.2
			LN	M _S = 5.3	13.0	0.70	GTA 151.8 4 -iPKP 18 32 10.1 4.6
			LE		14.0	0.80	LN M _S = 6.7 12.5 5.20
			LZ	M _S = 4.8	16.0	0.60	LZ M _S = 6.2 14.0 2.60
MDJ	59.2	56	eP	14 53 08.0	-2.4		TIY 152.1 343 -iPKP 18 32 08.4 2.6
			PMZ	m _b = 5.7	5.0	0.48	pPKP 18 32 24.5 2.9
			LN	M _S = 5.6	12.0	1.04	XAN 156.5 346 PKP 18 32 13.4 1.6
			LE		12.0	1.31	GZH 164.2 320 PKP 18 32 25.0 4.8
			LZ	M _S = 5.3	12.0	1.36	GYA 164.3 346 ePKP 18 32 22.4 2.0
QZN	59.8	91	eP	14 53 12.8	-1.2		KMI 166.1 358 -PKP 18 32 19.0 -3.3
SSE	60.9	73	+P	14 53 21.7	-0.2		
			PMZ	m _b = 5.0	1.2	0.027	APR 29d 18h 23m 14.8 ± 0.05s, SD1.32 / 292
			PMZ	m _b = 5.7	5.0	0.50	42.62 N ± 0.78km, 43.76 E ± 0.52km, h10 ± 0.16km
			S	15 01 44.0	6.6		Western Caucasus (362)
			LN	M _S = 5.2	9.0	0.40	M _S 5.8 / 4, m _b 5.5 / 1, m _b 5.4 / 79
			LE		7.0	0.30	KSH 24.4 86 P 18 28 37.0 2.4
			LZ	M _S = 4.9	20.0	0.90	LE M _S = 6.5 6.0 31.5
							LSA 39.9 93 P 18 30 52.4 1.0
							GTA 41.8 75 eP 18 31 07.2 0.6
							PMZ m _b = 5.5 7.0 0.59
							LN M _S = 5.6 10.5 3.00
							LZ M _S = 5.3 17.0 3.45
APR 29d 16h 51m 27.1 ± 0.03s, SD0.95 / 141							



			PMZ	$m_b = 6.3$	7.5	2.80	KMI	51.3	90	eP	20 42 00.0	-0.7		
			PcP	18 41 37.0	3.0					PMZ	$m_b = 5.6$	2.0	0.19	
			PP	18 43 02.0	0.7		TIY	51.7	71	-P	20 42 04.0	0.2		
			S	18 48 56.0	-0.5					LN	$M_s = 5.4$	18.0	2.30	
			sS	18 49 10.0	1.8					LZ	$M_s = 5.3$	22.0	2.90	
			LN	$M_s = 6.1$	15.0	3.60	BJI	53.2	66	eP	20 42 14.5	-0.2		
			LE		16.0	6.30				LN	$M_s = 5.7$	14.0	3.40	
GZH	59.9	85	+P	18 40 50.0	0.9		GYA	53.4	86	P	20 42 16.4	-0.2		
			PMZ	$m_b = 6.4$	6.0	3.30	TIA	55.7	70	eP	20 42 33.7	0.4		
			LN	$M_s = 6.2$	15.0	5.40				LE	$M_s = 5.3$	15.0	1.40	
			LE		14.0	7.60				LZ	$M_s = 5.2$	22.0	2.30	
			LZ	$M_s = 5.9$	18.0	9.10	WHN	56.8	77	+P	20 42 41.0	0.2		
SSE	60.9	73	+P	18 40 56.0	-0.2					PMZ	$m_b = 5.5$	1.5	0.10	
			PMZ	$m_b = 5.9$	1.7	0.28				LN	$M_s = 5.4$	12.0	1.00	
			PMZ	$m_b = 6.4$	6.0	2.90				LE		12.0	0.60	
			PP	18 43 12.0	0.2					LZ	$M_s = 5.0$	16.0	1.00	
			S	18 49 16.0	4.7		SNY	57.2	61	-P	20 42 43.2	-0.8		
			LN	$M_s = 6.1$	12.0	4.60				LE	$M_s = 5.8$	13.0	3.60	
			LE		13.0	3.50				LZ	$M_s = 5.8$	16.0	6.80	
			LZ	$M_s = 6.0$	20.0	10.2	DL2	57.4	65	eP	20 42 45.0	-0.4		
QZH	62.6	80	+P	18 41 06.5	-1.1					PMZ	$m_b = 5.9$	1.0	0.16	
			PMZ	$m_b = 6.1$	7.0	1.85				S	20 50 46.0	6.3		
			PP	18 43 28.0	1.7					LE	$M_s = 5.6$	13.0	1.90	
			LN	$M_s = 6.3$	14.0	9.26				LZ	$M_s = 5.4$	18.0	2.70	
			LZ	$M_s = 6.2$	15.0	11.3	CN2	57.4	58	eP	20 42 44.0	-1.5		
<p>APR 29d 20h 32m 53.7 ± 0.04s, SD1.13 / 303 42.58 N ± 0.70km, 43.33 E ± 0.39km, h10 ± 0.13km Western Caucasus (362) $M_s 5.5 / 30, m_b 5.6 / 5, m_b 5.3 / 96$</p>														
KSH	24.7	86	P	20 38 20.5	3.9					PMZ	$m_b = 5.0$	1.0	0.020	
			LE	$M_s = 6.2$	8.0	21.6	NJ2	59.1	73	+P	20 42 56.5	-1.0		
WMQ	32.1	72	+iP	20 39 24.2	0.6					PMZ	$m_b = 5.5$	1.4	0.10	
			PMZ	$m_b = 5.3$	2.0	0.10				LN	$M_s = 5.4$	11.0	0.80	
			sP	20 39 32.5	0.7					LE		13.0	0.80	
			LN	$M_s = 5.7$	11.0	3.80				LZ	$M_s = 4.8$	22.0	0.90	
			LE		10.0	4.90	MDJ	59.6	56	eP	20 42 57.5	-3.1		
			LZ	$M_s = 5.2$	20.0	5.30				eS	20 51 13.0	3.7		
LSA	40.2	93	P	20 40 33.8	0.9					LN	$M_s = 5.7$	12.0	1.00	
GTA	42.1	75	+P	20 40 49.2	1.2					LE		12.0	2.20	
			PMZ	$m_b = 5.5$	2.0	0.15				LZ	$M_s = 5.1$	20.0	1.40	
			PMZ		3.2	0.25	QZN	60.2	91	eP	20 43 01.0	-3.8		
			S	20 47 08.0	1.8					LE	$M_s = 5.4$	14.0	1.20	
			LE	$M_s = 5.4$	11.0	2.20	GZH	60.3	85	P	20 43 05.8	0.3		
			LZ	$M_s = 5.3$	18.0	3.80	SSE	61.3	73	+P	20 43 12.0	-0.5		
LZH	46.4	77	eP	20 41 23.5	0.8					PMZ	$m_b = 5.6$	1.5	0.12	
			PMZ	$m_b = 5.8$	1.5	0.23				PMZ	$m_b = 5.7$	4.0	0.40	
			pP	20 41 33.0	4.9					LN	$M_s = 5.3$	13.0	0.60	
			sP	20 41 35.0	4.1					LE		13.0	0.60	
			S	20 48 10.0	1.5					LZ	$M_s = 5.1$	20.0	1.50	
			sS	20 48 17.0	-1.9									
			LN	$M_s = 5.4$	11.0	1.83	<p>APR 29d 22h 05m 57.5 ± 0.04s, SD1.52 / 156 5.66 N ± 0.77km, 125.47 E ± 1.06km, h35 ± 0.11km Mindanao (259) $M_s 4.8 / 16, m_b 5.3 / 2, m_b 5.1 / 44$</p>							
BTO	48.7	68	P	20 41 42.0	0.9		QZN	20.2	312	+iP	22 10 33.4	1.0		
			ePP	20 43 35.0	1.8					PMZ	$m_b = 5.2$	0.9	0.10	
			eS	20 48 46.0	2.9					eS	22 14 16.5	3.9		
			eSS	20 52 07.0	-0.4					LE	$M_s = 4.6$	15.0	1.60	
			LN	$M_s = 5.2$	15.0	1.10								
			LE		15.0	0.80	QZH	20.3	342	eP	22 10 33.5	0.4		
CD2	48.9	83	eP	20 41 42.2	0.2					LN	$M_s = 4.9$	21.0	3.60	
			PMZ	$m_b = 5.6$	1.2	0.10				LZ	$M_s = 4.8$	25.0	4.90	
			LZ	$M_s = 5.2$	18.0	2.10	GZH	20.9	327	P	22 10 41.0	1.4		
HHC	49.7	68	eP	20 41 49.0	0.6					PMZ	$m_b = 5.1$	1.0	0.10	
			sP	20 41 57.0	0.4					LZ	$M_s = 4.6$	20.0	2.50	
			PP	20 43 40.0	-2.8		SSE	25.6	351	+P	22 11 26.0	0.2		
			LN	$M_s = 5.6$	12.0	1.20				PMZ	$m_b = 5.4$	6.0	0.60	
			LE		15.0	2.50				sP	22 11 41.0	1.8		
			LZ	$M_s = 5.6$	16.0	4.80								

WHN	26.9	338	LN	$M_s=4.4$	12.0	0.50	GYA	146.5	345	PKP	02 36 15.4	1.3			
			LZ	$M_s=4.6$	20.0	1.60	GZH	147.2	332	PKP	02 36 18.0	2.9			
			P	22 11 39.6	2.2	KMI	148.6	351	ePKP	02 36 19.5	1.8				
			pP	22 11 48.0	1.3	QZN	152.3	334	ePKP	02 36 25.1	2.1				
NJ2	27.0	348	LZ	$M_s=4.7$	20.0	1.80	APR 30d 06h 41m $12.6 \pm 0.06s$, SD2.24 / 10								
			eP	22 11 37.0	-1.3	22.28 N $\pm 0.74km$, 121.98 E $\pm 0.81km$, $h_6 \pm 0.22km$									
GYA	27.4	321	P				Taiwan region (243)								
			sP	22 12 00.0	4.5	$M_L 3.5 / 4$, $m_b 4.2 / 1$,									
KMI	29.1	314	LN	$M_s=4.8$	18.0	1.30	QZH	4.1	311	ePn	06 42 14.6	-1.3			
			LE		18.0	1.20				SMN	$M_L=3.4$	0.8			0.11
			eP	22 11 58.5	0.4	SME					0.8	0.060			
			PMZ	$m_b=5.1$	1.5	0.060									
TIA	31.4	347	pP				APR 30d 12h 36m $50.5 \pm 0.04s$, SD1.30 / 256								
			LZ	$M_s=4.6$	20.0	1.50	6.36 S $\pm 0.65km$, 147.21 E $\pm 0.84km$, $h_{59} \pm 0.28km$								
XAN	32.1	334	eP				Eastern New Guinea region (207)								
			LN	$M_s=4.9$	21.5	2.30	$M_s 5.3 / 32$, $m_b 5.7 / 4$, $m_b 5.4 / 55$								
CD2	32.4	324	LZ	$M_s=4.7$	22.0	1.80	QZH	41.8	319	eP	12 44 37.2	1.1			
			+iP	22 12 23.0	-1.4	S				12 50 49.5	1.9				
TIY	34.0	341	PMZ	$m_b=5.7$	0.8	0.10	QZN	44.6	305	LE	$M_s=4.9$	17.0	0.95		
			LZ	$M_s=4.8$	20.0	1.80				LZ	$M_s=5.1$	30.0	3.58		
BJI	35.2	348	-P				SSE	44.8	328	eP	12 45 01.5	2.1			
			LN	$M_s=5.2$	25.0	4.00				S	12 51 32.5	3.1			
SNY	36.1	358	LZ	$M_s=4.9$	24.0	2.90	WHN	48.3	321	LN	$M_s=5.1$	13.0	0.80		
			eP	22 12 50.0	-1.1	LE					10.0	0.60			
LZH	36.2	330	PMZ	$m_b=5.2$	0.5	0.020	TIA	50.9	328	+P	12 45 00.8	0.1			
			-iP	22 12 57.4	-0.6	PMZ				$m_b=5.3$	1.0	0.044			
HHC	37.2	342	PMZ	$m_b=5.4$	0.8	0.050	GYA	51.1	311	pP	12 45 15.0	-0.1			
			LZ	$M_s=4.9$	12.0	1.30				sP	12 45 20.0	-1.4			
CN2	38.0	360	LZ	$M_s=4.9$	12.0	1.30	SNY	52.6	338	sP	12 45 20.0	-1.4			
			+P	22 13 00.0	0.4	ScS				12 54 54.0	5.2				
MDJ	39.0	5	PMZ	$m_b=5.4$	1.5	0.093	TIA	50.9	328	LN	$M_s=5.6$	20.0	3.79		
			sP	22 13 15.0	2.0	LE					20.0	2.90			
LSA	40.2	311	LN	$M_s=4.9$	15.0	0.89	WHN	48.3	321	LZ	$M_s=5.4$	20.0	5.10		
			LE		15.0	0.81				+P	12 45 16.5	0.0			
GTA	40.8	329	LZ	$M_s=4.8$	20.0	1.46	TIA	50.9	328	PMZ	$m_b=5.3$	1.0	0.040		
			eP	22 13 07.2	-0.5	sP				12 45 36.6	-0.6				
WMQ	50.4	325	P				GYA	51.1	311	S	12 52 04.0	3.8			
			+P	22 13 24.4	1.9	LN				$M_s=5.5$	20.0	3.00			
HHC	131.6	346	PMZ	$m_b=5.5$	0.7	0.060	SNY	52.6	338	LE		20.0	1.70		
			P	22 13 35.2	1.8	LZ				$M_s=5.1$	20.0	2.10			
TIA	134.2	338	P				SNY	52.6	338	LZ	$M_s=5.1$	20.0	2.10		
			P	22 13 37.6	-0.3	LN				$M_s=4.9$	20.0	1.30			
GTA	134.8	357	PMZ	$m_b=4.7$	0.8	0.010	SNY	52.6	338	PMZ	$m_b=5.0$	1.0	0.020		
			pP	22 13 44.2	-3.1	S				12 52 27.0	4.8				
NJ2	137.0	333	sP				SNY	52.6	338	LN	$M_s=5.3$	20.0	2.10		
			S	22 19 52.0	6.6	LZ				$M_s=4.9$	20.0	1.30			
WHN	140.2	337	LN	$M_s=5.0$	19.0	1.50	SNY	52.6	338	LN	$M_s=5.3$	20.0	2.10		
			LZ	$M_s=5.0$	20.0	1.90				LZ	$M_s=4.9$	20.0	1.30		
CD2	142.8	351	P				SNY	52.6	338	S	12 52 59.0	1.5			
			+P	22 14 53.5	-0.8	LN				$M_s=5.6$	22.0	3.20			
APR 30d 02h 16m $32.6 \pm 0.04s$, SD1.39 / 259							SNY	52.6	338	LE		20.0	2.30		
5.96 N $\pm 0.92km$, 82.59 W $\pm 0.90km$, $h_9 \pm 0.08km$															
Off coast of Central America (76)							SNY	52.6	338	LZ	$M_s=5.4$	21.0	3.60		
$M_s 5.9 / 4$, $m_b 5.9 / 2$, $m_b 5.4 / 59$															
WMQ	129.7	9	PKP	02 35 42.5	-1.1		SNY	52.6	338	eP	12 45 53.0	3.2			
HHC	131.6	346	ePKP	02 35 48.0	0.7					SNY	52.6	338			sP
TIA	134.2	338	LZ	$M_s=5.8$	24.0	2.00	SNY	52.6	338				S	12 53 05.0	5.0
TIY	134.4	343	ePKP	02 35 53.0	1.1					SNY	52.6	338	sS	12 53 23.0	-3.3
GTA	134.8	357	ePKP	02 35 56.8	4.4		SNY	52.6	338				LN	$M_s=5.1$	20.0
			PP	02 38 26.0	-3.8					SNY	52.6	338	LE		20.0
			SS	02 56 16.0	-3.6		SNY	52.6	338				LZ	$M_s=4.8$	28.0
			LE	$M_s=5.8$	18.0	0.90				SNY	52.6	338	PMZ	$m_b=5.3$	1.0
			LZ	$M_s=5.7$	26.0	1.70	SNY	52.6	338				pP	12 46 13.2	-2.4
NJ2	137.0	333	ePKP	02 35 56.0	-1.2					SNY	52.6	338	sP	12 46 20.2	-1.7
			PP	02 38 42.0	-1.2		SNY	52.6	338				PcP	12 47 05.7	-3.8
			LZ	$M_s=5.3$	24.0	0.60				SNY	52.6	338	S	12 53 20.0	-0.9
WHN	140.2	337	ePKP	02 36 07.0	3.9		SNY	52.6	338				SMN		7.0
CD2	142.8	351	ePKP	02 36 06.7	-0.9					SNY	52.6	338	SME		7.0
							SNY	52.6	338				sS	12 53 41.0	-6.3
										SNY	52.6	338	LN	$M_s=5.5$	20.0
							SNY	52.6	338				LE		20.0

MDJ	53.2 344	LZ	$M_s = 5.5$	22.0	4.90	APR 30d 15h 00m $22.2 \pm 0.05s$, SD1.04 / 59 $25.36 S \pm 0.64km$, $179.60 E \pm 0.76km$, $h523 \pm 0.76km$ South of Fiji (171) $m_b 5.0 / 1$, $m_b 4.9 / 18$,					
		-P	12 46 04.7	-0.6							
		PMZ	$m_b = 5.2$	1.0	0.030						
		pP	12 46 20.0	0.1							
		S	12 53 30.0	1.4							
KMI	53.4 308	LE	$M_s = 5.0$	16.0	0.85	SSE	79.2 312	eP	15 11 34.5	0.0	
		LZ	$M_s = 5.1$	25.0	2.00	NJ2	81.3 311	-P	15 11 46.0	0.3	
		-P	12 46 08.0	0.8		SNY	84.6 321	+iP	15 12 01.8	0.1	
		PMZ	$m_b = 5.3$	1.6	0.060			PMZ	$m_b = 5.3$	1.0	0.10
		pP	12 46 22.5	1.0		CN2	84.8 324	-P	15 12 02.9	-0.3	
CN2	53.7 341	sP	12 46 27.5	-0.3				PMZ	$m_b = 5.2$	1.2	0.10
		S	12 53 30.0	-1.6				PMZ	$m_b = 5.0$	4.0	0.20
		LZ	$M_s = 5.2$	32.0	3.60	TIA	85.0 314	-P	15 12 04.7	0.9	
		+P	12 46 07.2	-1.8		BJI	87.8 317	eP	15 12 18.0	0.6	
		PMZ	$m_b = 5.2$	1.0	0.030			PMZ	$m_b = 5.0$	1.1	0.031
		PMZ	$m_b = 5.6$	4.0	0.30	TIY	88.9 313	eP	15 12 23.0	0.5	
		epP	12 46 18.0	-5.6				-iP	15 12 23.4	2.0	
		PcP	12 47 13.0	-0.5				PMZ	$m_b = 5.4$	0.9	0.060
		ScP	12 51 08.4	4.0		XAN	89.4 308	-P	15 12 27.5	2.9	
		eS	12 53 34.0	-2.6		HHC	91.2 315	eP	15 12 34.0	0.9	
XAN	54.1 321	LN	$M_s = 5.3$	18.0	1.50	CD2	91.6 304	P	15 12 35.4	0.6	
		LE		18.0	0.80	LZH	94.0 308	eP	15 12 45.0	-1.0	
		LZ	$M_s = 5.6$	18.0	4.70			PMZ	$m_b = 5.2$	1.2	0.026
BJI	54.3 331	-P	12 46 11.2	-1.0		APR 30d 20h 04m $50.4 \pm 0.06s$, SD1.36 / 36 $7.08 S \pm 0.54km$, $129.41 E \pm 0.84km$, $h119 \pm 0.33km$ Banda Sea (280) $m_b 5.5 / 9$,					
		S	12 53 44.0	2.8							
TIY	54.5 326	eP	12 46 12.0	-1.7		XAN	45.3 336	P	20 12 57.5	-0.8	
		PMZ	$m_b = 5.4$	1.2	0.061	LSA	51.9 317	P	20 13 49.8	0.2	
		eS	12 53 46.0	0.7							
CD2	55.7 314	LN	$M_s = 5.5$	19.0	2.93						
		-P	12 46 14.4	-0.9							
		S	12 53 46.0	-0.9							
HHC	57.2 328	LN	$M_s = 5.4$	20.0	2.20						
		LZ	$M_s = 5.4$	22.0	3.30						
BTO	57.9 327	eP	12 46 22.4	-1.3							
		LZ	$M_s = 5.1$	20.0	1.80						
LZH	58.6 319	eP	12 46 33.5	-1.5							
		S	12 54 29.0	5.9							
		LE	$M_s = 5.1$	15.0	0.80						
		LZ	$M_s = 5.3$	26.0	3.50						
		P	12 46 39.0	-0.5							
		S	12 54 34.0	2.5							
		LN	$M_s = 5.7$	21.0	3.10						
		LE		21.0	3.10						
		eP	12 46 42.5	-2.1							
		PMZ	$m_b = 5.2$	2.0	0.061						
GTA	63.2 320	pP	12 46 57.0	-2.2							
		sP	12 47 04.5	-0.9							
		PcP	12 47 32.0	-0.7							
		S	12 54 43.0	1.9							
		sS	12 55 04.0	-3.8							
		ScS	12 56 27.5	3.7							
		SS	12 58 30.0	-6.2							
		LN	$M_s = 5.2$	18.0	1.03						
		LZ	$M_s = 5.3$	28.0	3.72						
		+P	12 47 14.8	-0.6							
LSA	64.6 307	PMZ	$m_b = 4.9$	0.6	0.010						
		PMZ	$m_b = 6.0$	4.0	0.70						
		pP	12 47 29.2	-0.9							
		S	12 55 40.0	1.2							
		LN	$M_s = 5.0$	13.0	0.40						
WMQ	73.2 319	LZ	$M_s = 5.0$	34.0	1.60						
		eP	12 47 25.6	0.3							
WMQ	73.2 319	LZ	$M_s = 5.4$	30.0	3.90						
		P	12 48 17.3	-0.4							
		PP	12 51 01.0	-1.0							
		S	12 57 41.0	2.7							
		sS	12 58 06.0	0.2							
LN	$M_s = 5.4$	16.0	1.10								