

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)
MAR 1d 02h 23m 21.9 \pm 0.05s, SD1.32 / 283											PP	02 31 48.5	3.5		
53.37 N \pm 1.10km, 159.92 E \pm 0.71km, h27 \pm 0.07km											S	02 35 59.0	-0.2		
Off east coast of Kamchatka											LN	$M_s = 5.8$	13.0	8.96	
(219)											LZ	$M_s = 5.7$	18.0	11.3	
$M_s 5.9 / 50, m_b 5.2 / 7, m_b 5.3 / 70$															
MDJ	21.6	258	eP	02 28 09.7	-2.4			NJ2	36.3	251	+P	02 30 28.0	2.8		
			PMZ	$m_b = 5.2$		1.0	0.10				eS	02 36 00.0	-3.6		
			ePcP	02 32 15.5	2.1						LN	$M_s = 5.9$	16.0	11.0	
			epP	02 28 19.2	-0.7						LE		15.0	5.27	
			eS	02 32 00.0	-5.2						LZ	$M_s = 5.5$	18.0	7.16	
			LN	$M_s = 5.6$		16.0	15.7	WHN	39.9	254	P	02 30 54.5	-1.5		
			LZ	$M_s = 5.8$		16.0	31.2				sP	02 31 12.0	4.0		
CN2	24.5	261	-P	02 28 40.0	-0.7						S	02 36 54.0	-4.8		
			PMZ	$m_b = 4.9$		1.0	0.050				LN	$M_s = 5.7$	14.0	5.28	
			PMZ	$m_b = 5.2$		4.0	0.40				LE		16.0	4.29	
			sP	02 28 53.0	0.8						LZ	$M_s = 5.5$	18.0	6.68	
			eS	02 32 53.0	-4.0			XAN	40.6	263	P	02 31 01.0	-0.7		
			LN	$M_s = 5.9$		15.0	12.7				S	02 37 13.5	4.8		
			LE			15.0	18.3				LN	$M_s = 6.2$	17.0	15.4	
			LZ	$M_s = 5.9$		15.0	28.0				LE		16.0	10.7	
SNY	26.8	259	-iP	02 29 01.5	-0.6			QZH	41.9	244	eP	02 31 14.5	2.2		
			pP	02 29 10.0	-0.1						S	02 37 28.0	0.0		
			sP	02 29 14.8	1.0						LN	$M_s = 5.9$	20.0	9.09	
			eS	02 33 34.0	-0.8						LE		20.0	9.62	
			LN	$M_s = 5.9$		15.0	17.5				LZ	$M_s = 5.3$	20.0	3.74	
			LE			16.0	10.8	LZH	42.2	269	eP	02 31 15.0	-0.2		
			LZ	$M_s = 5.8$		18.0	21.0				PMZ	$m_b = 5.0$	2.0	0.047	
DL2	29.8	257	eP	02 29 26.0	-3.2						pP	02 31 23.5	0.2		
			LN	$M_s = 6.0$		14.0	13.7				sP	02 31 28.0	1.1		
			LE			14.0	11.7				PP	02 32 50.0	-6.0		
			LZ	$M_s = 5.6$		16.0	10.8				eS	02 37 30.0	-4.2		
BJI	32.3	264	eP	02 29 50.0	-1.2						sS	02 37 46.0	-1.5		
			ePP	02 30 58.0	-0.3						SS	02 40 32.0	-4.2		
			eS	02 35 00.0	-2.2						ScS	02 41 08.0	-4.3		
			esS	02 35 16.0	0.1						LN	$M_s = 6.0$	13.0	7.88	
			LN	$M_s = 6.0$		12.0	9.80				LE		13.0	6.21	
			LE			13.0	9.35				LZ	$M_s = 5.8$	15.0	8.61	
			LZ	$M_s = 6.0$		16.0	22.2	GTA	42.5	276	-P	02 31 16.8	-0.3		
TIA	34.3	257	eP	02 30 07.6	-0.7						PP	02 33 04.0	5.7		
			LN	$M_s = 5.7$		14.5	8.00				S	02 37 34.0	-2.3		
			LZ	$M_s = 5.6$		21.0	11.9				ScS	02 41 08.0	-5.7		
HHC	34.5	269	eP	02 30 10.0	-0.8						LE	$M_s = 5.9$	12.5	7.65	
			sP	02 30 22.0	-0.4						LZ	$M_s = 5.9$	12.0	9.03	
			S	02 35 34.8	-1.6			GZH	46.3	248	eP	02 31 47.0	-0.4		
			LN	$M_s = 5.8$		14.0	8.48				eS	02 38 26.0	-5.9		
			LE			12.0	2.66				LN	$M_s = 5.8$	16.0	4.03	
			LZ	$M_s = 5.7$		16.0	11.9				LE		14.0	3.60	
BTO	35.6	270	eP	02 30 19.5	-0.6			WMQ	46.8	289	P	02 31 51.0	-0.6		
			pP	02 30 29.5	1.4						S	02 38 38.0	-0.3		
			ePP	02 31 40.0	-0.1						ScS	02 41 40.0	-0.9		
			S	02 35 53.0	-0.1						LN	$M_s = 6.0$	14.0	4.18	
			LN	$M_s = 6.0$		13.0	6.50				LE		14.0	7.00	
			LE			13.0	10.8				LZ	$M_s = 6.1$	17.0	16.6	
			LZ	$M_s = 5.8$		13.0	11.5	GYA	47.5	257	P	02 32 00.6	3.6		
SSE	35.7	247	P	02 30 20.0	-0.3						sP	02 32 10.6	1.9		
			PMZ	$m_b = 5.2$		12.0	0.54				LN	$M_s = 5.9$	18.0	7.50	
			pP	02 30 29.0	0.5						LE		18.0	4.60	
			PP	02 31 46.0	5.4						LZ	$M_s = 5.0$	34.0	2.70	
			eS	02 35 52.0	-2.6						S	02 32 20.5	-2.0		
			esS	02 36 08.0	-0.3						sP	02 32 33.5	-0.5		
			LE	$M_s = 5.7$		14.0	6.73	KMI	50.8	260	-P	02 32 20.5	-2.0		
			LZ	$M_s = 5.5$		20.0	8.40				S	02 39 30.0	-3.9		
TIY	36.0	264	eP	02 30 19.8	-3.6						ScS	02 42 10.0	2.8		
			pP	02 30 35.0	3.5						LN	$M_s = 6.0$	18.0	6.50	
			sP	02 30 35.5	0.5						LE		18.0	5.30	

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				MAR 1d 02h 28m 11.7 ± 0.07s, SD2.90 / 7		7.87 S ± 0.65km, 121.20 E ± 1.09km, h39 ± 0.02km Flores region M _s 5.2 / 41, m _b 5.6 / 9, m _b 5.4 / 55 (286)								
QZN	51.4	248	LZ	M _s = 5.7	20.0	8.20	QZN	29.0	337	eP	16 12 00.0	0.8		
			P	02 32 26.5	-1.0					eS	16 16 50.0	3.9		
			S	02 39 43.0	-0.5					LN	M _s = 5.2	15.0	3.40	
			LE	M _s = 6.0	16.0	7.80	GZH	31.7	346	eP	16 12 26.0	2.6		
LSA	54.3	273	eP	02 32 50.4	1.1					eS	16 17 32.0	2.8		
			PcP	02 33 54.5	2.6					LN	M _s = 4.8	15.0	0.59	
			eS	02 40 25.5	0.9					LE		15.0	1.00	
			LN	M _s = 5.6	12.5	1.50				LZ	M _s = 4.9	16.0	2.00	
			LE		13.0	1.50	QZH	32.7	356	eP	16 12 33.0	0.9		
			LZ	M _s = 5.4	13.0	2.40				S	16 17 48.0	3.9		
MAR 1d 02h 28m 11.7 ± 0.07s, SD2.90 / 7														
30.35 N ± 1.13km, 97.68 E ± 0.72km, h5 ± km														
Tibet (306)														
M _L 3.2 / 1,														
GZH	15.7	114	eP	02 31 57.0	0.9		GYA	36.9	338	+iP	16 13 09.6	1.3		
KSH	20.0	303	eP	02 32 47.5	-1.1					pP	16 13 19.0	0.6		
CN2	25.8	51	+P	02 33 49.0	3.5					S	16 18 53.0	3.8		
MAR 1d 13h 25m 34.1 ± 0.08s, SD1.12 / 152														
51.79 N ± 0.74km, 176.01 W ± 0.44km, h56 ± 0.86km														
Andreasof Islands (7)														
m _b 5.3 / 50,														
MDJ	36.2	281	eP	13 32 32.5	-1.4		KMI	37.4	332	-P	16 13 14.5	2.0		
			PcP	13 34 58.3	0.7					PMZ	m _b = 5.4	1.5	0.10	
CN2	39.2	282	eP	13 32 59.0	0.4					pP	16 13 24.5	1.9		
SNY	41.4	281	-P	13 33 17.6	0.5					sP	16 13 26.0	-1.0		
			PMZ	m _b = 5.4	1.2	0.063	SSE	38.7	360	+P	16 13 23.0	-0.3		
			pP	13 33 32.0	1.2					PMZ	m _b = 5.8	1.4	0.24	
DL2	44.4	279	eP	13 33 41.5	0.4					PMZ	m _b = 5.9	4.0	0.86	
			PMZ	m _b = 5.8	1.0	0.13				pP	16 13 32.5	-1.2		
			eS	13 40 12.0	1.4					S	16 19 18.0	1.2		
BJI	47.0	284	eP	13 34 02.5	0.6					sS	16 19 29.0	-6.1		
			PcP	13 35 33.0	0.0					LN	M _s = 5.1	16.0	1.30	
			LZ	M _s = 4.2	24.0	0.32				LE		14.0	1.10	
TIA	48.8	279	eP	13 34 16.9	0.6		WHN	38.8	351	eP	16 13 25.0	1.6		
HHC	49.2	287	P	13 34 20.8	1.2					PMZ	m _b = 5.5	1.5	0.12	
SSE	49.7	271	+P	13 34 24.5	1.2					sP	16 13 34.5	-3.7		
			PMZ	m _b = 5.7	1.0	0.087				S	16 19 20.0	3.0		
			pP	13 34 38.6	1.5					SME		8.0	0.86	
BTO	50.3	288	eP	13 34 30.0	2.1					LE	M _s = 4.8	12.0	0.59	
NJ2	50.5	274	+P	13 34 29.6	0.2					LZ	M _s = 4.7	20.0	1.25	
			PMZ	m _b = 6.0	0.8	0.16	NJ2	39.8	357	+iP	16 13 32.5	0.7		
			pP	13 34 42.2	-1.0					PMZ	m _b = 6.1	1.0	0.30	
TIY	50.7	284	eP	13 34 30.8	-0.1					pP	16 13 44.0	1.9		
			S	13 41 40.0	0.8					S	16 19 36.5	4.4		
			LZ	M _s = 4.6	20.0	0.63	CD2	42.0	337	+P	16 13 51.0	0.4		
WHN	54.4	276	+iP	13 34 57.5	-0.4					PMZ	m _b = 6.0	1.0	0.22	
			PMZ	m _b = 5.8	1.0	0.11				pP	16 14 01.0	0.2		
			sP	13 35 16.5	-1.5					S	16 20 06.0	0.2		
			PcP	13 36 01.5	1.4					LE	M _s = 5.3	15.0	2.37	
XAN	55.3	283	P	13 35 04.0	-0.7					LZ	M _s = 5.0	17.0	1.80	
LZH	56.9	288	eP	13 35 16.3	-0.4		XAN	43.3	345	-P	16 14 00.9	0.1		
			PMZ	m _b = 5.1	1.0	0.023				S	16 20 26.0	2.0		
			PcP	13 36 11.5	1.4					LN	M _s = 5.2	16.0	1.90	
			LZ	M _s = 4.5	20.0	0.39	TIA	44.0	355	eP	16 14 06.2	-0.5		
GTA	57.0	293	eP	13 35 16.0	-1.3					S	16 20 35.0	0.2		
WMQ	60.6	304	P	13 35 41.2	-0.7					LN	M _s = 5.0	15.0	0.95	
CD2	60.6	283	P	13 35 41.9	0.0					LZ	M _s = 4.8	20.0	1.20	
GYA	62.0	278	+iP	13 35 51.4	-0.2					eP	16 14 22.3	-1.0		
			PMZ	m _b = 4.7	1.2	0.011				S	16 21 04.5	0.1		
			sP	13 36 10.8	-0.8					LN	M _s = 5.3	15.0	1.76	
KMI	65.4	280	+P	13 36 14.0	0.3					LZ	M _s = 5.1	16.0	1.91	
			PMZ	m _b = 5.6	1.2	0.10	TIY	46.1	350	eP	16 14 22.3	-1.0		
QZN	65.5	270	eP	13 36 15.6	1.2					S	16 21 04.5	0.1		
KSH	69.7	308	eP	13 36 40.2	-0.3		DL2	46.5	0	P	16 14 26.0	-0.8		
MAR 1d 16h 06m 00.7 ± 0.04s, SD1.24 / 143														

Station	Time	Phase	Ms	Mb	Depth (km)	Location	Time	Phase	Ms	Mb	Depth (km)	Location	
LZH	46.7 341	LZ	Ms=4.6		18.0	0.67	Eastern China ML=3.2/4, GTA 2.5 358 Pg 20 28 49.0 2.6 Sg 20 29 17.8 -2.1 SMN ML=3.4 1.0 0.22 SME 1.0 0.24						
		eP		16 14 29.0	0.9								
		PMZ				1.0	0.098						
		pP		16 14 36.5	-1.8								
		sP		16 14 39.0	-3.6								
		PP		16 16 20.0	3.0								
		eS		16 21 16.0	1.8								
		sS		16 21 32.0	0.6								
		LN				14.0	1.32	MAR 1d 20h 55m 05.4±0.04s, SD0.94 / 260 16.74 N±0.43km, 60.94 W±0.49km, h43±0.25km Leeward Islands (92) mb=5.3/63;					
		LE				14.0	0.94						
		LZ				17.0	1.95						
LSA	47.2 324	P		16 14 34.0	1.3			GTA	121.3	17	ePKP	21 13 56.1	1.1
		pP		16 14 46.0	3.4			BJI	123.5	3	ePKP	21 14 00.5	1.5
		SMN				5.5	0.60	LZH	125.5	15	ePKP	21 14 02.5	-0.7
		sS		16 21 43.0	3.7			XAN	128.6	11	PKP	21 14 10.5	1.5
BJI	47.9 355	eP		16 14 37.0	-0.5			WHN	132.8	6	ePKP	21 14 17.5	0.6
		PMZ				1.5	0.18	GTA	135.4	16	PKP	21 14 23.6	1.7
		esP		16 14 50.0	-2.2			MAR 1d 21h 40m 58.3±0.03s, SD1.35 / 128 30.60 N±0.64km, 131.15 E±0.60km, h59±0.24km Kyushu (235) Ms=4.8/39, mb=5.6/10, mb=5.1/45					
		eS		16 21 32.0	0.8			SSE	8.6	276	P	21 43 01.5	-1.1
HHC	49.3 350	LZ				26.0	0.99						
		P		16 14 48.0	-0.3								
		S		16 21 53.0	3.4								
		LN				17.0	0.63						
		LE				15.0	0.62						
		LZ				28.0	1.78						
BTO	49.3 349	P		16 14 47.5	-1.1								
		sP		16 15 01.0	-2.2								
		ePP		16 16 39.0	-3.1								
		eS		16 21 52.5	1.1								
		LN				15.0	0.70						
		LE				15.0	0.60						
SNY	49.5 2	+iP		16 14 48.4	-1.5			NJ2	10.6	281	-P	21 43 30.0	-0.4
		PMZ				1.4	0.073						
		PMZ				8.0	0.57						
		pP		16 14 57.2	-3.1								
		sP		16 15 01.4	-3.2								
		iS		16 21 53.0	-0.7								
		LE				25.0	3.38	DL2	11.4	319	P	21 43 41.0	0.0
		LZ				19.0	1.38						
GTA	51.1 339	+P		16 15 02.2	0.3								
		pP		16 15 12.5	0.4								
		sP		16 15 19.0	2.5								
		S		16 22 16.0	2.0								
		LE				15.0	1.17	QZH	12.5	246	eP	21 43 58.5	3.3
		LZ				18.0	1.06						
CN2	51.6 4	eP		16 15 05.0	-0.6			SNY	12.8	334	+P	21 44 01.0	1.8
		PMZ				1.0	0.020						
		pP		16 15 16.0	-0.1								
		eS		16 22 20.0	-2.4								
		LN				18.0	1.00						
		LE				18.0	1.00						
		LZ				18.0	1.20						
MDJ	52.8 8	+P		16 15 13.5	-1.3								
		PMZ				1.0	0.070	TIA	13.0	299	eP	21 44 03.5	1.3
		PcP		16 16 28.0	4.9								
		eS		16 22 36.0	-3.0								
		LZ				21.0	2.22						
WMQ	59.7 332	+iP		16 16 04.6	0.1			CN2	13.9	343	+P	21 44 14.0	-0.6
		S		16 24 12.5	2.7								
		LZ				22.0	1.12						
KSH	63.1 322	P		16 16 26.0	-1.1								
		sP		16 16 38.0	-4.0								
		ePP		16 18 48.0	1.6								
		S		16 24 56.0	3.8								
		LZ				20.0	2.50						
MAR 1d 20h 28m 02.7±0.06s, SD2.54 / 8 24.00 N±0.52km, 106.76 E±0.54km, h27±0.32km						MDJ 14.0 355 eP 21 44 16.0 -0.1 pP 21 44 21.6 -4.3 eS 21 46 48.0 -2.2							



Station	Mag	Time	Depth	Phase	Mag	Time	Depth	Phase	Mag	Time	Depth	Phase	Mag	Time	Depth	Phase		
WLN	4.6	22.0	3.34	LE				LZ	5.0	13.0	2.90							
	4.3	24.0	2.50	LZ				GTA	27.0	298		eP	21 46	36.3	-1.2			
WLN				cP								sS	21 51	34.0	1.7			
				sP								LE				4.8	13.0	1.34
				S								LZ				4.8	14.0	1.76
	4.8	11.0	1.01	LN				LSA	34.5	279		eP	21 47	44.6	1.1			
				LE				WMQ	36.6	303		-P	21 48	01.0	-0.4			
	4.5	16.0	2.38	LZ								eS	21 53	41.5	2.2			
BJI	15.4	312		eP								LZ				4.9	20.0	2.16
				PMZ				KSH	45.5	297		P	21 49	15.4	1.3			
				eS				MAR 1d 22h 59m 27.3 ± 0.12s, SD1.58 / 64 15.48 S ± 2.37km, 174.60 W ± 1.21km, h35 ± 0.22km Tonga M _s 5.2 / 4, m _b 4.9 / 11,										
				esS														
				LE														
				LZ														
TIY	17.0	300		P				MDJ	78.4	323		eP	23 11	26.0	-0.8			
				pP								eS	23 21	22.0	2.8			
				sP								SKS	23 21	34.0	1.6			
				S								LZ				5.4	24.0	2.00
				sS								eP	23 11	36.0	-1.7			
				LE				CN2	80.4	321		PMZ				4.7	1.0	0.010
				LZ								epP	23 11	50.0	2.4			
GZH	17.6	249		eP								LN				5.3	18.0	0.70
HHC	18.9	308		P								LE					18.0	0.20
				pP								LZ				5.2	20.0	1.00
				sP								eP	23 11	35.7	-2.8			
				S				SNY	80.6	318		pP	23 11	49.0	0.6			
				SS								eP	23 11	44.5	-2.5			
				LN				WHN	82.2	305		eP	23 11	59.0	-0.7			
				LE				BJI	84.7	314		eP	23 22	20.0	3.6			
				LZ								LZ				5.0	24.0	0.70
XAN	19.1	286		P				TIY	86.4	311		-P	23 12	08.8	0.4			
				sP								eS	23 22	42.0	1.2			
				S								LE				5.0	18.0	0.36
				LN								LZ				5.3	22.0	1.30
				LE				XAN	87.7	306		P	23 12	14.8	0.1			
BTO	19.8	306		P				HHC	88.2	313		eP	23 12	17.3	0.1			
				pP				BTO	89.2	313		P	23 12	23.5	1.6			
				S								pP	23 12	36.5	4.6			
				LN								eSKS	23 22	51.5	5.8			
				LE				KMI	90.0	296		-P	23 12	23.0	-2.7			
				LZ								PMZ				4.7	2.0	0.010
GYA	21.9	265		-P				LZH	92.3	307		eP	23 12	32.0	-4.5			
				pP								LZ				5.1	38.0	1.41
				S				MAR 2d 07h 35m 36.1 ± 0.07s, SD1.01 / 52 18.02 S ± 1.01km, 178.60 W ± 1.12km, h620 ± 0.35km Fiji region (181) m _b 5.1 / 14,										
				LN														
				LE														
				LZ														
QZN	22.5	244		eP				MDJ	78.2	325		eP	07 46	35.0	0.1			
				eS				CN2	80.0	322		+P	07 46	44.8	0.3			
				LN				BJI	83.7	315		eP	07 47	04.0	0.7			
LZH	23.4	291		eP				TIY	85.2	312		-P	07 47	10.6	0.0			
				PMZ				XAN	86.2	307		P	07 47	16.0	0.8			
				PMZ				MAR 2d 09h 46m 36.3 ± 0.06s, SD2.48 / 10 40.70 N ± 0.54km, 122.78 E ± 0.49km, h8 ± 0.22km North-Eastern China (658) M _L 3.2 / 10,										
				pP														
				ePP														
				eS														
				sS				SNY	1.3	28		+iPn	09 46	58.0	-2.8			
				LN								Pg	09 46	59.2	0.3			
				LE								Sg	09 47	16.0	-0.5			
				LZ								SMN				3.0	0.4	0.26
CD2	23.5	278		P								SME					0.4	0.23
				PMZ								Pg	09 47	10.8	-0.7			
				S								Sg	09 47	37.0	-1.8			
				LN								SMN				3.5	0.8	0.23
				LE				DL2	2.0	207		SME					0.8	0.50
				LZ														
KMI	25.7	265		-P														
				LN														
				LE														

CN2	3.7	32	-Pg	09 47 41.6	0.2	0.6	0.093
			Sg	09 48 29.0	-2.6		
MDJ	6.4	50					
			Pg	09 48 31.5	2.6		
			Sg	09 49 52.0	-3.8		
			SMN	$M_L = 3.3$	1.8	0.017	

MAR 2d 22h 06m $24.8 \pm 0.05s$, SD1.13 / 110
 $21.85 S \pm 1.18km$, $174.13 W \pm 0.70km$, $h33 \pm 0.10km$
 Tonga region (174)
 $m_b 5.6 / 1$, $m_b 5.2 / 31$,

NJ2	83.5	308	+P	22 18 51.0	-0.6	1.2	0.030
			PMZ	$m_b = 5.2$			
MDJ	83.7	323	pP	22 18 56.0	-5.2		
			eP	22 18 51.8	-0.8		
			eS	22 29 10.0	-2.2		
			LZ	$M_S = 5.2$	20.0	0.93	
DL2	85.2	315	eP	22 18 59.4	-0.6		
SNY	85.6	318	eP	22 19 01.2	-0.6		
			PMZ	$m_b = 5.1$	1.4	0.027	
CN2	85.6	321	pP	22 19 07.6	-3.8		
			+P	22 19 01.3	-0.6		
			PMZ	$m_b = 5.5$	1.2	0.050	
			PMZ	$m_b = 5.6$	5.0	0.30	
WHN	86.2	305	pP	22 19 08.0	-3.5		
			eS	22 29 30.0	-0.6		
			LZ	$M_S = 4.8$	20.0	0.40	
			-P	22 19 05.4	0.7		
TIA	86.9	311	+P	22 19 07.9	-0.2		
BJI	89.4	314	eP	22 19 20.0	-0.3		
			PMZ	$m_b = 5.2$	1.5	0.026	
			eSKS	22 29 44.0	-0.7		
			eS	22 30 02.0	-4.6		
GYA	90.5	298	P	22 19 26.2	0.8		
XAN	91.8	306	+P	22 19 32.0	0.3		
HHC	92.9	313	eP	22 19 36.2	-0.5		
KMI	93.2	296	+P	22 19 39.5	1.4		
			PMZ	$m_b = 5.9$	1.5	0.10	
			sP	22 19 52.5	1.0		
			P	22 19 41.0	0.1		
BTO	93.8	312	P	22 19 41.0	0.1		
CD2	94.6	301	eP	22 19 43.5	-0.7		
LZH	96.5	306	eP	22 19 53.6	0.6		
			PMZ	$m_b = 5.7$	1.8	0.036	
			LZ	$M_S = 4.6$	20.0	0.20	
			eP	22 20 11.8	0.0		
GTA	100.6	308	eP	22 20 11.8	0.0		
KSH	118.7	304	ePKP	22 25 13.0	2.3		

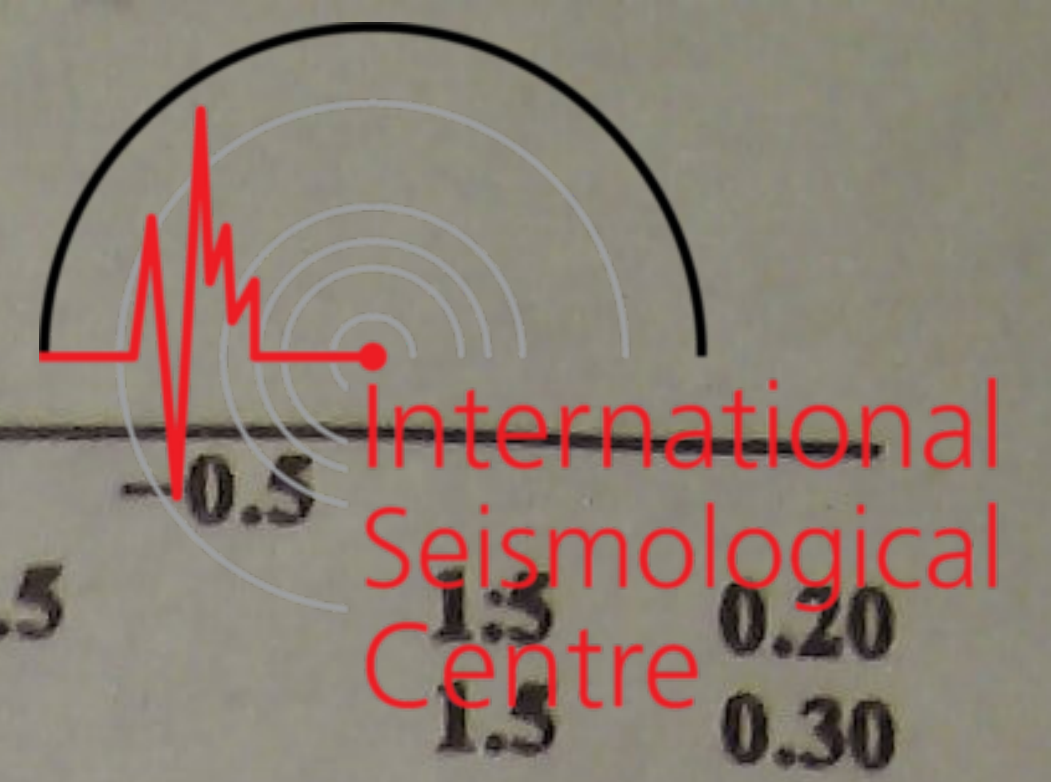
MAR 3d 02h 25m $38.6 \pm 0.04s$, SD0.91 / 52
 $8.42 S \pm 0.41km$, $159.13 E \pm 0.57km$, $h108 \pm 0.22km$
 Solomon Islands (193)
 $m_b 4.9 / 15$,

NJ2	55.7	318	eP	02 35 04.0	-2.3		
WHN	57.8	314	-P	02 35 22.0	0.2		
MDJ	59.1	336	eP	02 35 31.0	0.2		
CN2	60.3	332	eP	02 35 38.8	0.2		
BJI	62.4	324	eP	02 35 53.0	-0.2		
XAN	63.6	315	P	02 36 00.5	-0.4		
LZH	68.2	314	eP	02 36 30.0	-0.5		
			PMZ	$m_b = 5.1$	1.5	0.046	
GTA	72.6	316	+iP	02 36 57.8	0.9		
WMQ	82.7	316	P	02 37 53.0	0.6		

MAR 3d 05h 11m $32.8 \pm 0.03s$, SD1.13 / 229
 $32.13 N \pm 0.70km$, $139.67 E \pm 0.55km$, $h142 \pm 0.35km$
 South of Honshu (211)
 $m_b 5.3 / 5$, $m_b 5.3 / 81$,

MDJ	14.7	331	+P	05 14 56.0	0.4		
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			PMZ	$m_b = 5.4$		0.8	0.060
			eS	05 17 36.0	0.3		
			LE			12.0	0.42
			LZ			16.0	0.45
SSE	15.8	271	-P	05 15 10.0	1.4		
			PMZ	$m_b = 4.9$		1.0	0.056
			PMZ	$m_b = 5.4$		5.0	0.85
			pP	05 15 13.0	2.1		
			ePP	05 15 25.0	-2.1		
			eS	05 18 01.0	1.7		
			LN			12.0	0.30
			LE			12.0	0.30
SNY	16.1	312	-P	05 15 10.0	-2.2		
			PMZ	$m_b = 4.9$		0.8	0.044
			PMZ	$m_b = 4.8$		12.0	0.48
			sP	05 15 54.0	2.8		
			S	05 18 06.0	0.7		
			LN			18.0	0.71
			LZ			15.0	0.47
CN2	16.1	320	-P	05 15 13.3	0.2		
			PMZ	$m_b = 5.0$		1.0	0.060
			sP	05 15 53.0	0.9		
			eS	05 18 08.0	0.5		
DL2	16.2	300	+iP	05 15 16.5	3.2		
			PMZ			3.0	1.10
			eS	05 18 13.0	5.2		
			LN			10.0	0.57
NJ2	17.6	275	+P	05 15 32.0	0.8		
			PMZ	$m_b = 5.7$		2.0	0.74
			S	05 18 40.0	-0.4		
			ScP	05 23 24.5	1.4		
TIA	19.1	288	eP	05 15 47.5	0.4		
			sP	05 16 31.5	2.2		
			eS	05 19 10.0	-1.4		
			LE			11.5	0.48
QZH	19.8	254	P	05 15 57.2	2.4		
BJI	20.5	299	eP	05 16 01.0	-0.8		
			PMZ	$m_b = 4.9$		1.2	0.071
			esP	05 16 45.0	-1.1		
			eS	05 19 38.0	-0.6		
			esS	05 20 20.0	-4.0		
			ScP	05 23 30.0	0.5		
			eScS	05 27 12.0	0.6		
			LN			10.0	0.27
			LZ			20.0	0.60
WHN	21.7	273	eP	05 16 13.5	0.3		
			PMZ	$m_b = 5.4$		0.7	0.12
			pP	05 16 41.5	-0.1		
			S	05 19 56.0	-2.9		
			SS	05 20 44.0	-3.0		
			iScP	05 23 34.5	2.3		
TIY	23.0	292	eP	05 16 26.6	0.6		
			sP	05 17 14.0	2.7		
			S	05 20 27.0	5.5		
			sS	05 21 19.0	0.8		
			LE			10.0	0.41
			LZ			14.0	0.71
HHC	24.1	299	+P	05 16 37.4	0.2		
			PMZ	$m_b = 4.6$		1.0	0.022
BTO	25.2	298	P	05 16 47.0	-0.6		
			pP	05 17 16.0	-0.4		
			PP	05 17 30.0	-2.5		
			eS	05 21 00.0	-0.7		
			sS	05 21 53.0	1.6		
			LN			14.0	0.30
			LE			14.0	0.70
			LZ			14.0	0.80
XAN	25.8	283	P	05 16 51.5	-1.2		



GYA	29.3	267	P	05 17 23.6	-0.6			
			sP	05 18 10.4	-0.2			
			PcP	05 20 28.2	1.2			
			S	05 22 07.4	2.7			
			ScP	05 23 56.8	2.9			
			PcS	05 24 10.0	1.5			
			ScS	05 27 49.0	1.9			
QZN	29.8	251	eP	05 17 29.2	0.4			
LZH	29.8	288	eP	05 17 28.4	-0.8			
			PMZ		$m_b = 4.6$	1.8	0.021	
			PP	05 18 31.0	-0.3			
			PcS	05 24 04.0	-6.3			
			ScS	05 27 52.5	2.8			
			LN			11.0	0.25	
			LE			10.0	0.23	
			LZ			15.0	0.44	
CD2	30.6	277	P	05 17 35.0	-0.6			
GTA	32.9	294	-P	05 17 54.8	-1.6			
			ScP	05 24 07.6	1.4			
WMQ	42.0	301	P	05 19 12.5	0.7			
			PcP	05 21 05.5	1.1			
			PcS	05 24 55.3	0.7			
			S	05 25 17.5	-1.0			
			ScS	05 28 56.5	0.3			
KSH	51.3	297	P	05 20 25.5	0.7			

Sg	11 27 48.5	-0.5		
SMN	$M_L = 3.5$			
SME				
MAR 3d 11h 58m 30.9 ± 0.10s, SD1.50 / 29				
17.12 S ± 1.07km, 172.56 W ± 0.70km, h48 ± 0.65km				
Tonga (173)				
$m_b 5.8 / 1, m_b 4.8 / 9,$				
CN2	82.9 320	-P	12 10 52.4	-0.4
BJI	87.2 313	eP	12 11 14.5	0.3
		PMZ		$m_b = 5.5$
		PMZ		$m_b = 5.8$
		eS	12 21 50.0	1.2
TIY	89.0 310	eP	12 11 23.8	1.1
		S	12 22 06.0	2.7

MAR 3d 06h 22m 26.5 ± 0.06s, SD2.31 / 22
40.31 N ± 0.76km, 106.41 E ± 0.56km, h14 ± 0.24km
Northern China (323)
 $M_L 3.8 / 14, m_b 4.4 / 1,$

BTO	2.8	83	Pg	06 23 16.0	0.4			
			Sg	06 23 54.4	1.1			
			SMN	$M_L = 3.1$		0.5	0.13	
			SME			0.5	0.060	
HHC	4.0	80	Pn	06 23 30.4	2.9			
			Pg	06 23 39.8	3.3			
			Sg	06 24 32.2	1.5			
			SMN	$M_L = 3.8$		0.5	0.25	
			SME			0.5	0.14	
LZH	4.7	206	ePn	06 23 37.7	0.4			
			Pg	06 23 52.5	3.5			
			Sg	06 24 55.0	2.1			
			SMN	$M_L = 4.0$		1.5	0.19	
			SME			1.5	0.23	
GTA	5.2	262	-iPn	06 23 45.6	1.7			
			Pg	06 23 59.6	2.1			
			Sn	06 24 47.4	2.2			
			Sg	06 25 08.0	0.0			
			SMN	$M_L = 3.6$		0.6	0.070	
			SME			0.6	0.053	
TIY	5.4	117	ePn	06 23 43.4	-3.2			
			Pg	06 24 03.7	2.6			
			Sn	06 24 50.0	-0.2			
			Sg	06 25 11.1	-3.3			
			SMN	$M_L = 3.9$		0.8	0.14	
			SME			0.8	0.090	
XAN	6.6	161	ePn	06 24 04.5	1.3			
			Pg	06 24 25.0	2.5			
			Sn	06 25 14.5	-5.7			
			Sg	06 25 47.5	-4.8			
			SMN	$M_L = 3.6$		0.9	0.040	
			SME			0.9	0.020	

MAR 3d 12h 16m 27.9 ± 0.06s, SD1.61 / 350
22.05 S ± 1.29km, 175.15 E ± 1.17km, h34 ± 0.21km
Loyalty Islands region (189)
 $M_S 7.4 / 53, m_b 6.7 / 37, m_b 6.1 / 55$

QZH	72.1	307	eP	12 27 50.0	-1.2			
			pP	12 28 00.0	-0.9			
			PP	12 30 36.0	3.6			
			S	12 37 07.0	-1.7			
			ScS	12 37 49.0	-1.2			
			SS	12 41 52.0	4.2			
			LN	$M_S = 7.9$		29.0	402	
			LE			29.0	360	
			LZ	$M_S = 7.0$		44.0	190	
SSE	73.9	314	+P	12 28 02.0	-0.3			
			PMZ		$m_b = 5.6$	1.5	0.11	
			PMZ		$m_b = 6.0$	4.0	0.86	
			pP	12 28 09.0	-3.0			
			S	12 37 26.0	-3.8			
			SKS	12 37 58.0	-3.1			
			LN	$M_S = 7.6$		21.0	104	
			LE			25.0	184	
GZH	75.0	303	-P	12 28 07.0	-1.6			
			PMZ		$m_b = 6.0$	1.0	0.19	
			PMZ		$m_b = 6.9$	5.0	7.52	
			sP	12 28 18.0	-4.3			
			iS	12 37 44.0	0.5			
			sS	12 37 54.0	-5.6			
			LN	$M_S = 7.8$		23.0	181	
			LE			26.0	380	
			LZ	$M_S = 7.1$		48.0	247	
QZN	75.8	298	-P	12 28 12.0	-0.8			
			PcP	12 28 22.5	-2.3			
			PP	12 31 04.0	0.1			
			S	12 37 49.0	-1.1			
			SKS	12 38 13.0	-1.4			
			SS	12 42 42.0	-3.0			
			LE	$M_S = 7.2$		16.0	59.8	
NJ2	76.1	313	+P	12 28 14.0	-0.7			
			pP	12 28 23.0	-1.3			
			S	12 37 48.0	-5.7			
			LN	$M_S = 7.5$		22.0	130	
			LE			22.0	86.6	
MDJ	78.3	329	eP	12 28 25.7	-1.3			
			PMZ		$m_b = 6.4$	1.8	0.84	
			pP	12 28 36.0	-0.7			
			eS	12 38 24.0	4.9			
			LE	$M_S = 7.9$		32.0	565	
WHN	78.4	310	-eP	12 28 26.5	-0.8			
			PMZ		$m_b = 5.9$	1.0	0.17	
			PMZ		$m_b = 7.0$	5.0	9.64	
			pP	12 28 36.0	-1.0			
			iS	12 38 16.0	-3.6			

MAR 3d 11h 26m 30.6 ± 0.05s, SD2.19 / 12
27.14 N ± 0.37km, 101.06 E ± 0.52km, h9 ± 0.15km
Yunnan Province (318)
 $M_L 3.2 / 8,$

KMI	2.5	142	-Pg	11 27 15.2	0.1			
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DL2	78.6	320	LN	$M_s=7.6$	24.0	221	PMZ	$m_b=5.9$	15.0	47.4			
			LE		28.0	91.9		pP	12 29 18.0	-0.3			
			LZ	$M_s=6.9$	38.0	121		S	12 39 34.0	-5.1			
			+P	12 28 29.5	0.7			LN	$M_s=7.2$				
			PMZ	$m_b=6.0$	8.0	1.40		LZ	$M_s=7.3$	40.0	223		
			S	12 38 20.0	-1.0			P	12 29 10.0	-1.1			
			SMN		14.0	74.7		pP	12 29 19.5	-1.2			
SNY	79.5	323	SME		14.0	59.4	PP	12 32 32.0	-3.3				
			LN	$M_s=6.9$	26.0	30.7	SKS	12 39 32.0	0.5				
			LE		26.0	31.0	S	12 39 40.0	-3.8				
			+iP	12 28 31.0	-2.3		LN	$M_s=7.9$	25.0	179			
			PMZ	$m_b=6.7$	5.5	5.47	LE		27.0	305			
			pP	12 28 40.0	-3.0		-P	12 29 20.4	0.1				
			iS	12 38 30.0	-1.2		PMZ	$m_b=5.5$	1.6	0.066			
TIA	79.8	316	LN	$M_s=7.5$	19.0	86.3	PMZ	$m_b=6.5$	4.0	1.44			
			LE		24.0	120	pP	12 29 30.0	0.0				
			LZ	$M_s=6.9$	23.0	70.9	PP	12 32 52.0	1.4				
			-P	12 28 33.2	-1.7		SKS	12 39 43.0	-0.5				
			S	12 38 27.0	-5.8		S	12 40 00.0	-1.6				
			SMN		15.0	69.8	SMN		16.0	28.8			
			SME		13.0	36.3	sS	12 40 22.0	2.4				
CN2	79.8	326	LN	$M_s=7.7$	24.5	199	SS	12 45 54.0	-2.8				
			LE		18.5	98.0	LN	$M_s=7.8$	28.0	280			
			+iP	12 28 33.0	-2.2		LZ	$M_s=7.2$	34.0	173			
			PMZ	$m_b=5.4$	1.0	0.050	P	12 29 39.6	-1.0				
			PMZ	$m_b=7.1$	6.0	13.0	PMZ	$m_b=6.9$	5.0	2.91			
			pP	12 28 42.0	-2.9		SKS	12 40 07.0	-2.1				
			S	12 38 36.0	2.8		SS	12 47 04.0	4.1				
GYA	82.0	303	SMN		10.0	15.6	LE	$M_s=7.3$	18.0	54.5			
			SME		10.0	25.7	LZ	$M_s=7.2$	22.0	86.6			
			SS	12 43 40.0	-5.5		eP	12 29 52.2	-0.6				
			LN	$M_s=7.5$	20.0	79.0	pP	12 30 03.0	0.8				
			LE		20.0	107	S	12 41 05.2	2.3				
			P	12 28 46.0	-0.8		SMN		7.0	8.00			
			pP	12 28 56.0	-0.3		sS	12 41 27.0	5.8				
BJI	82.6	318	S				SS	12 47 43.0	6.5				
			LN	$M_s=7.3$	20.0	37.0	LN	$M_s=7.0$	22.0	32.0			
			LE		20.0	66.0	eP	12 30 26.5	0.5				
			LZ	$M_s=6.6$	28.0	37.0	PP	12 34 43.0	0.2				
			eP	12 28 49.0	-1.1		SKS	12 41 06.0	5.5				
			PMZ	$m_b=5.7$	1.0	0.087	S	12 42 06.0	0.6				
			PMZ	$m_b=6.9$	5.0	6.45	LN	$M_s=7.4$	20.0	42.6			
TIY	83.7	315	eS				LE		22.0	48.8			
			LE	$M_s=7.3$	20.0	87.7	LZ	$M_s=6.9$	32.0	65.1			
			eP	12 28 57.0	1.5		MAR 3d 12h 34m 58.9±0.03s, SD1.02/98						
			pP	12 29 05.5	0.4		21.51 S±0.56km, 175.74 E±0.59km, h34±0.11km						
			SKS	12 39 16.0	5.5		South of Fiji (171)						
			S	12 39 13.5	0.5		$M_s7.0/1, m_b5.5/23,$						
			sS	12 39 29.5	-1.4		SSE	74.0	313	eP	12 46 34.0	0.5	
XAN	84.1	310	LN	$M_s=7.8$	27.0	230	NJ2	76.1	313	eP	12 46 45.5	-0.4	
			LE		22.0	237	MDJ	78.1	328	PMZ	$m_b=5.2$	1.0	0.030
			P	12 28 57.2	-0.4		WHN	78.4	309	eP	12 46 57.5	0.4	
			S	12 39 23.0	5.8		SNY	79.3	323	-P	12 46 59.0	0.3	
			LN	$M_s=8.0$	38.0	537	eP	12 47 01.2	-2.5				
			LE		37.0	482	PMZ	$m_b=5.0$	1.4	0.027			
			-P	12 29 00.0	0.5		pP	12 47 11.4	-2.1				
KMI	84.5	300	pP				CN2	79.7	326	-iP	12 47 05.7	0.2	
			S				GYA	82.1	302	+iP	12 47 19.4	0.7	
			LN	$M_s=7.7$	26.0	227	BJI	82.6	318	-eP	12 47 22.5	1.6	
			LE		22.0	95.8	PMZ	$m_b=5.6$	1.5	0.11			
			LZ	$M_s=7.0$	40.0	140	eP	12 47 26.4	-0.2				
			P	12 29 06.2	-0.8		KMI	84.7	299	-P	12 47 30.5	-1.1	
			PMZ	$m_b=6.2$	5.0	1.07	CD2	86.5	305	P	12 47 41.2	0.8	
HHC	86.0	317	sP				BTO	86.8	316	eP	12 47 40.0	-2.1	
			S				LZH	88.8	310	P	12 47 51.0	-0.7	
			LN	$M_s=7.3$	20.0	78.8	PMZ	$m_b=5.8$	2.5	0.17			
			LZ	$M_s=7.1$	22.0	85.3	eP	12 48 12.0	0.1				
			eP	12 29 08.4	-0.3								
								GTA	93.2	311			
			CD2	86.3	305								



Station	Time	M _s	M _b	Depth (km)	Region	Station	Time	M _s	M _b	Depth (km)	Region			
LE		M _s =7.0	18.0	29.3		TIA	79.6 316	eP	18 44	55.6	-0.9			
LZ		M _s =6.3	22.0	10.5		GYA	81.9 302	P	18 45	08.6	-0.3			
<p>MAR 3d 12h 44m 22.2 ± 0.04s, SD1.17 / 181 22.35 S ± 0.72km, 174.17 E ± 0.77km, h34 ± 0.14km Loyalty Islands region (189) M_s6.9 / 7, m_b5.9 / 1, m_b6.0 / 32</p>														
SSE	73.5 314	P	12 55	53.4	-0.7	BJI	82.5 318	eP	18 45	11.0	-0.6			
		PMZ		m _b =5.8	1.8	0.19				m _b =5.0	1.5	0.026		
		pP	12 56	04.0	0.2	TIY	83.5 315	-P	18 45	17.6	0.5			
NJ2	75.7 314	-P	12 56	06.5	0.0					M _s =5.2	12.0	0.42		
WHN	77.9 310	-P	12 56	18.0	-0.9					M _s =5.1	20.0	0.75		
		PMZ		m _b =5.6	1.6	0.11	XAN	84.0 310	P	18 45	19.0	-0.4		
		pP	12 56	29.0	0.4	KMI	84.4 300	+P	18 45	22.5	0.8			
		PP	12 59	14.5	-1.3						pP	18 45	32.5	1.3
		S	13 06	08.0	0.9	HHC	85.8 317	P	18 45	28.4	-0.2			
		LN		M _s =6.8	14.0	12.7	CD2	86.3 305	eP	18 45	31.2	0.5		
		LE			14.0	13.1	BTO	86.7 316	P	18 45	32.5	-0.3		
		LZ		M _s =6.6	16.0	22.0	LZH	88.6 310	+P	18 45	42.5	0.3		
MDJ	78.1 329	-P	12 56	20.0	-0.2					PMZ	m _b =5.7	1.5	0.091	
DL2	78.3 321	eP	12 56	20.8	-0.5					LN	M _s =5.2	16.0	0.43	
SNY	79.2 324	+P	12 56	28.8	2.8					LZ	M _s =5.0	20.0	0.59	
		PMZ		m _b =6.3	1.8	0.76	GTA	93.0 311	P	18 46	02.6	0.2		
TIA	79.3 316	eP	12 56	26.5	-0.6	<p>MAR 3d 19h 29m 01.3 ± 0.03s, SD1.18 / 111 21.60 S ± 1.14km, 175.55 E ± 0.79km, h32 ± 0.08km South of Fiji (171) m_b5.0 / 14,</p>								
CN2	79.5 326	+P	12 56	27.0	-1.2	NJ2	76.1 313	eP	19 40	46.2	-1.9			
		PMZ		m _b =5.7	1.0	0.10	MDJ	78.1 328	eP	19 41	00.5	0.9		
		pP	12 56	37.0	-0.9	WHN	78.4 309	eP	19 40	58.5	-2.4			
		eS	13 06	32.0	5.4	CN2	79.6 326	eP	19 41	08.0	0.1			
		LN		M _s =7.0	15.0	16.7					PMZ	m _b =5.0	1.0	0.020
		LE			15.0	31.0					pP	19 41	17.0	-0.3
		LZ		M _s =6.6	20.0	31.0					eS	19 51	14.0	6.9
BJI	82.3 319	eP	12 56	42.0	-0.5					LZ	M _s =4.8	20.0	0.50	
		PMZ		m _b =5.6	2.0	0.14	TIA	79.7 316	eP	19 41	07.3	-1.0		
TIY	83.3 315	eP	12 56	47.5	-0.2	GYA	82.1 302	P	19 41	20.4	-0.4			
LZH	88.2 310	eP	12 57	12.0	-0.3	BJI	82.6 318	eP	19 41	23.0	-0.2			
		PMZ		m _b =5.9	3.5	0.37	TIY	83.6 315	eP	19 41	29.4	0.5		
GTA	92.6 312	eP	12 57	32.0	-0.8	XAN	84.1 310	P	19 41	31.5	0.3			
		LE		M _s =6.8	16.0	17.8	KMI	84.6 300	eP	19 41	35.5	1.8		
		LZ		M _s =6.6	18.0	21.8	HHC	85.9 317	P	19 41	40.2	0.0		
<p>MAR 3d 12h 53m 23.8 ± 0.64s, SD3.17 / 11 22.84 N ± 5.46km, 99.87 E ± 1.31km, h10 ± km Burma-China border region (297) M_L4.4 / 4,</p>														
KMI	3.5 48	+Pg	12 54	27.5	1.7	TIA	79.7 316	eP	19 41	07.3	-1.0			
		Sg	12 55	15.0	1.7	GYA	82.1 302	P	19 41	20.4	-0.4			
		SMN		M _L =4.5	1.5	1.00	BJI	82.6 318	eP	19 41	23.0	-0.2		
		SME			2.0	1.50	TIY	83.6 315	eP	19 41	29.4	0.5		
GYA	7.2 58	Pg	12 55	33.0	2.6	XAN	84.1 310	P	19 41	31.5	0.3			
<p>MAR 3d 17h 03m 16.3 ± 0.05s, SD1.55 / 34 21.21 S ± 1.31km, 175.10 E ± 0.92km, h36 ± 0.44km Vanuatu (New Hebrides) region (185) m_b4.9 / 2,</p>														
CN2	79.1 326	eP	17 15	19.6	0.1	KMI	84.6 300	eP	19 41	35.5	1.8			
XAN	83.5 310	P	17 15	43.0	0.1	HHC	85.9 317	P	19 41	40.2	0.0			
CD2	85.8 305	eP	17 15	55.0	0.7	CD2	86.4 305	eP	19 41	42.4	-0.1			
LZH	88.2 310	eP	17 16	03.7	-2.1	BTO	86.8 316	eP	19 41	44.0	-0.4			
		PMZ		m _b =5.2	1.5	0.029	LZH	88.7 310	eP	19 41	54.5	0.5		
<p>MAR 3d 18h 32m 50.2 ± 0.03s, SD0.88 / 136 21.67 S ± 0.51km, 175.35 E ± 0.59km, h34 ± 0.09km Loyalty Islands region (189) M_s5.2 / 3, m_b5.3 / 21,</p>														
NJ2	76.0 313	-P	18 44	36.2	-0.1					PMZ	m _b =5.4	1.5	0.042	
MDJ	78.1 328	eP	18 44	48.2	0.1					LZ	M _s =4.7	20.0	0.30	
WHN	78.3 310	-P	18 44	48.5	-0.6	<p>MAR 3d 19h 44m 26.3 ± 0.04s, SD1.44 / 108 22.48 S ± 0.70km, 174.23 E ± 0.94km, h34 ± 0.16km Loyalty Islands region (189) M_s5.3 / 1, m_b5.0 / 11,</p>								
CN2	79.6 326	eP	18 44	56.0	-0.4	NJ2	75.8 314	eP	19 56	11.0	-0.3			
						WHN	78.0 310	eP	19 56	26.0	2.3			
						MDJ	78.2 329	eP	19 56	26.5	1.4			
						DL2	78.4 321	eP	19 56	29.5	3.3			
										eS	20 06	20.0	1.1	
						SNY	79.3 324	eP	19 56	32.9	2.0			
						TIA	79.5 316	eP	19 56	31.3	-0.6			
						CN2	79.7 326	eP	19 56	33.0	0.0			
						GYA	81.5 303	P	19 56	43.0	0.3			
						BJI	82.4 319	eP	19 56	46.5	-0.8			
						TIY	83.4 315	+P	19 56	50.0	-2.4			
										S	20 07	10.0	1.4	
										LZ	M _s =4.9	20.0	0.50	
						XAN	83.7 311	P	19 56	52.0	-2.2			
						KMI	83.9 300	eP	19 56	55.5	0.1			
						CD2	85.9 306	eP	19 57	04.4	-0.6			
						BTO	86.6 317	eP	19 57	12.0	3.7			
						LZH	88.4 310	eP	19 57	20.0	3.0			
										PMZ	m _b =5.0	2.0	0.023	

	pP	19 57 28.5	1.9			
	sP	19 57 33.0	2.4			
	LZ	M _S =4.7		20.0	0.30	
GTA	92.7 312 eP	19 57 35.0	-2.5			

LZH	40.5 319 +iP	06 43 09.6	0.8			
		PMZ	m _b =5.5	1.2	0.090	
		LZ	M _S =4.1	20.0	0.30	
GTA	45.0 320 +iP	06 43 45.2	-0.5			
LSA	47.2 303 P	06 44 04.2	1.4			
WMQ	55.1 319 +iP	06 45 01.7	-0.7			
KSH	61.9 311 eP	06 45 51.0	0.7			

MAR 3d 21h 26m 24.3±0.07s, SD1.17 / 55
22.13 S±1.64km, 174.09 W±0.79km, h34±0.70km
Tonga region (174)
M_S5.4 / 1, m_b5.0 / 13,

MAR 4d 11h 51m 10.6±0.04s, SD1.53 / 88
34.74 N±0.64km, 79.92 E±0.57km, h32±0.06km
Kashmir-Tibet border region (304)
M_S4.6 / 17, M_L4.8 / 1, m_b4.6 / 28

NJ2	83.7 308 -P	21 38 52.0	0.0			
MDJ	84.0 323 eP	21 38 53.0	-0.3			
SNY	85.8 318 eP	21 39 01.4	-1.0			
CN2	85.8 321 eP	21 39 01.8	-0.7			
WHN	86.3 305 eP	21 39 05.5	0.5			
TIA	87.1 311 eP	21 39 08.7	0.1			
BJI	89.6 314 eP	21 39 20.0	-0.7			
	PMZ	m _b =5.4		2.0	0.055	
TIY	91.1 310 eP	21 39 28.3	0.6			
XAN	92.0 306 P	21 39 32.0	0.0			
HHC	93.1 313 eP	21 39 37.2	0.1			
KMI	93.3 296 eP	21 39 40.0	1.8			
	pP	21 39 45.0	-2.9			
BTO	94.0 312 eP	21 39 42.0	0.7			
LZH	96.7 306 eP	21 39 52.0	-1.3			

LSA	10.8 115 -P	11 53 47.4	1.3			
		eS	11 55 50.0	3.0		
		LN	M _S =4.6	10.0	2.10	
		LE		8.0	1.00	
		LZ	M _S =4.3	10.0	1.30	
WMQ	10.9 31 eP	11 53 45.5	-1.9			
		eS	11 55 50.0	0.8		
		LN	M _S =4.8	5.0	0.99	
		LE		5.0	1.75	
		LZ	M _S =4.2	12.0	1.42	
GTA	16.5 68 eP	11 54 59.8	-2.3			
		LN	M _S =4.6	10.0	1.31	
		LZ	M _S =4.6	14.0	2.23	

MAR 4d 01h 12m 58.7±0.04s, SD1.43 / 36
21.82 S±1.06km, 175.28 E±1.06km, h31±0.41km
Loyalty Islands region (189)
m_b4.6 / 3,

LZH	19.5 79 eP	11 55 38.5	-0.2			
		PMZ	m _b =4.7	2.0	0.070	
		eS	11 59 11.5	-1.0		
		LN	M _S =4.6	12.0	0.94	
		LE		10.0	0.41	
		LZ	M _S =4.0	22.0	0.65	
CD2	20.4 94 eP	11 55 46.7	-0.9			
		LN	M _S =4.6	13.0	1.17	
		LZ	M _S =4.5	10.0	0.95	
KMI	21.9 110 +P	11 56 04.2	0.6			
		sP	11 56 17.5	1.4		
		S	12 00 04.5	6.4		
		LN	M _S =4.9	10.0	1.30	
		LE		10.0	1.00	

XAN	84.1 310 eP	01 25 27.5	-1.1			
LZH	88.7 310 eP	01 25 49.0	-2.3			
	PMZ	m _b =5.1		2.0	0.033	

MAR 4d 06h 35m 30.7±0.04s, SD1.04 / 110
7.84 N±0.66km, 135.82 E±0.84km, h33±0.12km
Western Caroline Islands (209)
M_S4.2 / 2, m_b5.0 / 29,

SSE	26.9 331 P	06 41 10.2	-0.5			
		PMZ	m _b =4.8	1.0	0.020	
		pP	06 41 18.5	-1.3		
		eS	06 45 44.0	0.6		
		esS	06 46 02.0	3.5		
		LZ	M _S =4.1	20.0	0.55	
NJ2	28.8 329 eP	06 41 27.0	-1.1			
		sP	06 41 38.8	-2.5		
		LZ		2.0	1.12	
WHN	30.2 321 -P	06 41 41.0	0.2			
TIA	33.0 332 P	06 42 05.0	-0.2			
GYA	33.3 307 +iP	06 42 09.0	1.0			
DL2	33.5 340 eP	06 42 08.7	-0.5			
		S	06 47 27.5	0.6		
		LN	M _S =4.1	20.0	0.30	
SNY	35.5 344 eP	06 42 28.0	1.0			
		LZ	M _S =4.4	17.0	0.53	
KMI	35.9 303 +P	06 42 32.0	1.4			
		PMZ	m _b =5.5	1.2	0.10	
XAN	36.0 320 +P	06 42 30.3	-0.5			
TIY	36.5 328 eP	06 42 35.0	-0.3			
		S	06 48 16.0	2.0		
		LZ	M _S =4.4	20.0	0.63	
BJI	36.6 334 +eP	06 42 36.0	0.4			
		PMZ	m _b =5.3	1.0	0.048	
		LZ	M _S =4.4	20.0	0.60	
CN2	36.9 347 -P	06 42 39.3	0.4			
MDJ	37.0 353 eP	06 42 39.5	-0.1			
CD2	37.7 312 eP	06 42 46.2	0.7			
HHC	39.3 331 P	06 42 59.6	0.7			
BTO	39.9 329 P	06 43 04.0	0.3			

XAN	23.9 83 eP	11 56 23.0	0.2			
GYA	24.4 102 P	11 56 28.6	0.9			
		pP	11 56 37.6	1.2		
BTO	24.5 67 eP	11 56 30.0	1.8			
		pP	11 56 39.0	2.1		
		ePP	11 57 07.0	3.4		
		eS	12 00 46.0	2.1		
		LN	M _S =4.5	11.0	0.30	
		LE		11.0	0.50	
		LZ	M _S =4.3	11.0	0.50	
HHC	25.7 67 eP	11 56 42.5	2.9			
		S	12 01 05.4	2.7		
		SMN		11.0	0.77	
TIY	26.3 74 eP	11 56 47.4	1.6			
		S	12 01 17.5	3.7		
		LN	M _S =4.5	11.0	0.63	
		LZ	M _S =4.6	12.0	0.96	
BJI	29.2 69 eP	11 57 16.0	4.7			
		PMZ	m _b =4.6	1.0	0.012	
		eS	12 02 04.0	3.8		
		esS	12 02 20.0	4.7		
		LE	M _S =4.3	10.0	0.31	
		LZ	M _S =4.2	20.0	0.60	
WHN	29.2 89 eP	11 57 11.0	-0.8			
		eS	12 02 00.0	-1.1		
		LN	M _S =4.7	9.0	0.47	
		LE		10.0	0.46	
QZN	30.8 113 eP	11 57 26.0	0.1			
		eS	12 02 25.0	-1.2		

CN2	36.0	62	P	11 58 13.0	2.0				LZH	79.0	312	+iP	17 33 51.0	1.0											
MDJ	39.0	60	eP	11 58 35.0	-0.7							PMZ	$m_b=5.7$												
												PMZ	$m_b=5.7$												
<p>MAR 4d 15h 49m $17.1 \pm 0.06s$, $SD2.50 / 15$ $40.73 N \pm 0.58km$, $122.64 E \pm 0.50km$, $h11 \pm 0.15km$ North-Eastern China (658) $M_L 3.3 / 16$,</p>									<p>MAR 4d 18h 43m $48.7 \pm 0.10s$, $SD3.11 / 6$ $40.95 N \pm 0.59km$, $106.77 E \pm 0.52km$, $h25 \pm 0.85km$ Northern China (323) $M_L 3.1 / 4$,</p>																
SNY	1.3	33	+Pn	15 49 40.4	-1.3				BTO	2.5	97	Pg	18 44 32.2	-0.9											
			Pg	15 49 42.0	1.7							Sg	18 45 07.3	0.1											
			Sg	15 49 59.6	1.4							SMN	$M_L=2.9$	0.4	0.070										
			SMN	$M_L=3.3$		0.4	0.64					SME		0.4	0.050										
DL2	2.0	203	Pg	15 49 53.0	0.8							SMN	$M_L=3.2$	0.5	0.16										
			Sg	15 50 19.5	0.2				TIY	5.5	125	ePn	18 45 07.1	-2.0											
			SMN	$M_L=3.2$		0.5	0.16					SMN	$M_L=3.3$	0.5	0.030										
			SME			0.5	0.21					SME		0.5	0.030										
CN2	3.7	33	ePn	15 50 13.6	-1.2				GTA	5.5	256	ePg	18 45 25.0	-1.9											
			+Pg	15 50 24.8	2.2							Sn	18 46 10.4	-4.7											
			Sg	15 51 13.6	0.2							SMN	$M_L=2.8$	0.6	0.011										
			SMN	$M_L=3.4$		0.7	0.12					SME		0.5	0.0080										
			SME			0.7	0.083																		
MDJ	6.4	51	ePg	15 51 13.2	2.4				<p>MAR 4d 19h 46m $19.0 \pm 0.03s$, $SD1.23 / 363$ $28.99 N \pm 1.13km$, $66.34 E \pm 0.52km$, $h9 \pm 0.12km$ Pakistan (710) $M_S 6.4 / 60$, $m_b 5.8 / 7$, $m_b 5.8 / 94$</p>																
			Sg	15 52 40.5	2.0				KSH	13.1	34	P	19 49 28.0	-1.1											
			SME	$M_L=3.8$		1.0	0.060					sP	19 49 35.0	-1.6											
<p>MAR 4d 17h 21m $59.0 \pm 0.05s$, $SD1.04 / 249$ $15.52 S \pm 0.70km$, $167.54 E \pm 0.82km$, $h141 \pm 0.27km$ Vanuatu (New Hebrides) (186) $m_b 5.6 / 6$, $m_b 5.3 / 57$,</p>									<p>LSA</p>									21.6	82	P	19 51 13.6	1.2			
SSE	64.3	316	-P	17 32 19.5	-2.5							pP	19 51 20.0	3.0											
			PMZ	$m_b=5.3$		1.2	0.059					iS	19 55 07.0	-0.7											
QZN	66.3	299	eP	17 32 36.0	0.6							LN	$M_S=5.9$	9.0	13.1										
NJ2	66.4	316	+P	17 32 35.2	-0.6							LE		10.0	13.1										
			PMZ	$m_b=5.4$		1.0	0.062					LZ	$M_S=6.0$	8.0	23.0										
WHN	68.7	312	+iP	17 32 49.5	-0.2				WMQ	22.6	43	+iP	19 51 23.0	1.4											
			PMZ	$m_b=5.4$		1.0	0.070					PMZ		3.0	6.64										
DL2	69.1	323	eP	17 32 52.0	-0.3							S	19 55 30.0	6.2											
MDJ	69.1	332	+P	17 32 51.9	-0.5							LN	$M_S=6.5$	13.0	61.3										
SNY	70.0	326	+iP	17 32 58.0	0.0							LE		11.0	50.7										
			PMZ	$m_b=4.7$		1.0	0.013					LZ	$M_S=6.0$	18.0	49.2										
			S	17 41 58.0	3.3				GTA	29.4	60	P	19 52 25.6	0.0											
			LE			30.0	0.43					sS	19 57 32.0	4.7											
CN2	70.5	329	+iP	17 32 59.7	-1.0							LN	$M_S=6.4$	13.0	44.9										
			PMZ	$m_b=5.6$		1.0	0.10					LZ	$M_S=6.1$	20.0	39.0										
			PMZ	$m_b=5.8$		6.0	1.00		LZH	32.3	68	+P	19 52 51.0	0.3											
			eS	17 42 04.0	2.8							PMZ	$m_b=6.0$	2.5	0.63										
GYA	72.4	305	+iP	17 33 12.4	0.1							PMZ		3.0	1.07										
			PMZ	$m_b=5.5$		1.2	0.10					pP	19 52 56.5	0.8											
BJI	73.0	321	+P	17 33 16.0	0.0							sP	19 52 59.0	0.5											
			PMZ	$m_b=5.4$		1.0	0.061					PP	19 53 59.5	2.5											
			PMZ	$m_b=5.6$		4.0	0.40					eS	19 58 02.0	-1.3											
			eS	17 42 32.0	1.3							sS	19 58 14.0	2.2											
			LZ			40.0	0.46					PcS	19 59 24.0	2.1											
TIY	74.0	317	+P	17 33 22.0	0.2							SS	19 59 59.5	3.5											
			PMZ	$m_b=5.7$		1.2	0.15					LN	$M_S=6.6$	15.0	71.2										
			PMZ			3.0	0.58					LZ	$M_S=6.4$	28.0	99.4										
			S	17 42 40.5	0.3				CD2	32.4	77	P	19 52 51.0	-0.7											
			LZ			14.0	0.48					S	19 58 10.0	5.9											
XAN	74.4	313	+iP	17 33 23.8	-0.3							LN	$M_S=6.5$	16.5	55.5										
KMI	74.9	302	+P	17 33 28.5	1.2							LZ	$M_S=5.9$	18.0	20.0										
			PMZ	$m_b=5.7$		1.5	0.20					eP	19 52 53.0	-0.4											
			PMZ	$m_b=5.9$		3.5	0.70		KMI	32.6	88	PMZ	$m_b=5.7$	1.5	0.20										
			PcP	17 33 42.5	2.9							PP	19 53 58.0	-3.2											
HHC	76.4	320	+iP	17 33 35.3	0.2							S	19 58 08.0	1.0											
			PMZ	$m_b=5.5$		5.0	0.52					sS	19 58 18.0	1.4											
CD2	76.7	308	+iP	17 33 37.0	0.0							LN	$M_S=6.2$	14.0	10.6										
BTO	77.2	319	P	17 33 39.5	-0.3																				

GYA	35.7	84	LE			16.0	24.0	DL2	46.3	63	LZ	$M_s=5.7$	22.0	10.7	
			LZ	$M_s=6.2$	14.0	33.6	eP				19 54 46.0	-1.4			
			P	19 53 19.6	-0.5		PMZ					$m_b=6.1$	1.1	0.35	
			S	19 58 52.0	-3.1		eS				20 01 33.0	-1.1			
XAN	36.5	71	LN	$M_s=6.4$		15.0	38.7	QZH	46.4	82	SME		18.0	2.98	
			LE			15.0	6.90				LN	$M_s=6.4$	15.0	16.2	
			LZ	$M_s=5.7$		18.0	12.2				LE		15.0	16.0	
			P	19 53 25.0	-1.7		LZ				$M_s=6.1$	18.0	21.8		
BTO	37.3	60	S	19 59 09.0	1.7			SSE	47.1	73	eP	19 54 49.0	0.5		
			LN	$M_s=6.5$		12.0	22.1				eS	20 01 32.0	-4.0		
			LE			16.0	35.9				SS	20 04 52.0	-1.3		
			P	19 53 34.5	0.3		LN				$M_s=6.5$	16.0	29.4		
HHC	38.5	60	PP	19 55 01.0	-0.1			SNY	47.6	58	LZ	$M_s=6.1$	18.0	17.4	
			S	19 59 20.0	-0.9		+P				19 54 54.5	0.7			
			sS	19 59 35.0	4.4		PMZ				$m_b=6.1$	1.4	0.42		
			LN	$M_s=6.5$		13.0	26.2				S	20 01 46.0	1.3		
TIY	39.1	65	LE			13.0	28.9	CN2	48.8	56	LN	$M_s=6.8$	18.0	65.3	
			LZ	$M_s=6.2$		13.0	22.4				LE		18.0	12.4	
			P	19 53 44.6	0.4		LZ				$M_s=5.8$	20.0	10.6		
			sP	19 53 57.0	4.8		-iP				19 54 57.0	-0.4			
QZN	40.8	94	S	19 59 40.0	1.1			MDJ	51.8	54	PMZ	$m_b=5.6$	0.8	0.071	
			SMN			11.0	1.50				PMZ		14.0	0.71	
			SME			11.0	3.33				pP	19 55 08.0	5.2		
			LN	$M_s=6.4$		15.0	28.0				PcP	19 56 30.0	3.0		
WHN	41.5	76	LE			14.0	11.5	GZH	42.4	87	S	20 01 47.5	-3.6		
			+P	19 53 49.0	-0.3		SMN					11.0	0.85		
			PMZ	$m_b=5.8$		1.2	0.23				SME		11.0	1.21	
			PMZ			3.0	0.70				sS	20 02 08.0	6.9		
BJI	42.0	61	PP	19 55 25.0	2.5			NJ2	25.0	302	LN	$M_s=6.4$	14.0	20.7	
			S	19 59 48.0	-0.2		LE					18.0	9.50		
			LN	$M_s=6.4$		14.0	28.5				LZ	$M_s=6.2$	18.0	26.6	
			LZ	$M_s=6.4$		16.0	44.7				+P	19 55 07.0	-0.3		
GZH	42.4	87	eP	19 54 02.0	-0.6			DL2	26.3	318	PMZ	$m_b=5.6$	1.0	0.10	
			eS	20 00 12.0	-1.4		PMZ				$m_b=5.9$	6.0	1.00		
			SS	20 03 03.0	-5.2		pP				19 55 17.0	4.4			
			LE	$M_s=6.3$		15.0	25.4				eS	20 02 06.0	-4.0		
TIA	43.0	67	-P	19 54 08.5	0.3			SNY	27.1	325	LN	$M_s=6.6$	13.0	17.0	
			PMZ	$m_b=6.0$		1.0	0.24				LE		13.0	21.0	
			PMZ			3.0	1.13				LZ	$M_s=6.4$	20.0	44.0	
			sP	19 54 20.0	3.7						eP	19 55 28.7	-0.9		
NJ2	45.0	72	S	20 00 23.0	0.3			SSE	22.8	301	sP	19 55 43.2	5.6		
			LN	$M_s=6.7$		16.0	54.5				iS	20 02 50.0	-0.4		
			LE			13.0	9.78				SMN		7.0	0.77	
			LZ	$M_s=6.1$		18.0	21.9				LN	$M_s=6.7$	16.0	37.4	
TIA	43.0	67	eP	19 54 13.0	0.0			QZH	23.7	285	LZ	$M_s=6.4$	20.0	36.4	
			PMZ	$m_b=5.8$		1.5	0.24				LN	$M_s=6.7$	16.0	37.4	
			ePP	19 55 54.0	0.9						LZ	$M_s=6.4$	20.0	36.4	
			eS	20 00 31.0	-1.2										
GZH	42.4	87	LN	$M_s=6.4$		16.0	28.3	MAR 5d 06h 13m 06.3±0.05s, SD1.34 / 114							
			LZ	$M_s=6.3$		20.0	37.7	20.79 N±0.93km, 143.89 E±0.71km, h22±0.10km							
			P	19 54 16.2	0.0			Marianas region (215)							
			S	20 00 34.0	-3.0			$M_s4.4 / 5, m_b4.9 / 26,$							
TIA	43.0	67	LN	$M_s=6.3$		15.0	20.5	SSE	22.8	301	P	06 18 10.0	0.8		
			LE			15.0	10.0				PMZ	$m_b=4.9$	1.5	0.072	
			LZ	$M_s=5.9$		18.0	13.4				eS	06 22 16.0	3.2		
			-P	19 54 21.4	0.6						sS	06 22 26.0	1.7		
NJ2	45.0	72	PcP	19 56 15.2	4.1			QZH	23.7	285	LE	$M_s=4.7$	10.0	1.00	
			S	20 00 45.0	-0.2						LZ	$M_s=4.0$	20.0	0.50	
			ScS	20 04 24.5	5.7						eP	06 18 17.5	0.0		
			LN	$M_s=6.5$		14.0	31.4				eP	06 18 29.5	-1.1		
NJ2	45.0	72	LE			13.0	10.1	NJ2	25.0	302	eS	06 22 50.0	-0.9		
			LZ	$M_s=6.2$		22.0	33.7				LZ	$M_s=3.9$	16.0	0.29	
			+P	19 54 37.0	0.1						eP	06 18 42.0	-0.8		
			PMZ	$m_b=5.9$		1.1	0.22				S	06 23 11.0	-0.8		
NJ2	45.0	72	sP	19 54 49.0	4.0			MDJ	26.6	337	eP	06 18 44.0	-1.0		
			S	20 01 14.0	-0.1						eP	06 18 48.7	-1.3		
			LN	$M_s=6.6$		15.0	36.3				PMZ	$m_b=4.9$	1.2	0.030	
			LE			13.0	11.8				sP	06 18 56.4	-4.1		
											eS	06 23 23.0	-2.3		
											sS	06 23 34.0	-3.3		



Station	Mag	Time	Type	Ms	Mb	Depth (km)	Region	Station	Mag	Time	Type	Ms	Mb	Depth (km)	Region
CN2	27.6	330	LN	Ms=4.4	16.0	0.59	Eastern New Guinea region (207)	GZH	67.4	305	PMZ	m _b =6.7	11.0	11.0	Vanuatu (New Hebrides) (186)
			LZ	Ms=4.2	22.0	0.62					sP	16 49 17.5	2.9	11.0	
			eP	06 18 55.0	0.3	S					16 57 55.0	3.1	11.0		
			epP	06 19 00.0	-1.9	sS					16 58 10.0	4.6	11.0		
			eS	06 23 31.0	-2.7	ScS					16 58 56.0	0.7	11.0		
			LN	Ms=4.4	14.0	0.40					LN	M _s =7.0	20.0	49.7	
			LE	14.0	0.40	LE					M _s =6.6	20.0	42.6		
TIA	28.0	309	LZ	Ms=4.3	14.0	0.50	GZH	67.4	305	+P	16 49 10.0	0.6	11.0	16.5	
			eP	06 18 58.2	0.2	PMZ				m _b =6.9	11.0	16.5			
			-P	06 19 02.5	1.9	S				16 58 07.0	5.2	11.0			
WHN	28.3	296	S	06 23 46.0	2.6	GZH	67.4	305	ScS	16 59 07.0	5.3	19.0	18.8		
			LN	Ms=4.5	10.0				0.49	LN	M _s =7.1	19.0	18.8		
BJI	30.5	315	eP	06 19 19.0	-1.1	GZH	67.4	305	LE	22.0	78.2				
			LZ	Ms=4.0	20.0				0.30	LZ	M _s =6.8	24.0	70.4		
TIY	32.0	309	eP	06 19 34.9	0.9	QZN	68.1	300	P	16 49 14.5	0.6	11.5	28.1		
			S	06 24 42.5	-0.1				eS	16 58 11.5	-0.2	10.5	9.10		
XAN	33.6	301	LZ	Ms=4.4	17.0	0.72	QZN	68.1	300	SMN		11.5	28.1		
			eP	06 19 47.5	0.1	SME					10.5	9.10			
HHC	33.9	313	eP	06 19 50.0	-0.7	QZN	68.1	300	SS	17 02 34.0	-0.3	19.0	48.1		
GYA	34.5	287	P	06 19 57.2	1.7				LE	M _s =6.9	19.0	48.1			
BTO	34.9	312	pP	06 20 03.0	0.3	NJ2	68.7	316	+P	16 49 17.0	-0.6	10.0	13.0		
			eP	06 19 58.0	-0.9				PMZ	m _b =6.8	10.0	13.0			
CD2	37.3	294	eP	06 20 19.2	-0.2	NJ2	68.7	316	iS	16 58 22.0	3.2	19.0	41.3		
KMI	38.0	285	eP	06 20 27.5	2.0				LN	M _s =6.9	19.0	41.3			
LZH	38.1	302	pP	06 20 33.5	0.8	NJ2	68.7	316	LE	19.0	17.2				
			LZ	Ms=4.3	20.0				0.50	LZ	M _s =6.5	26.0	39.4		
GTA	41.9	306	eP	06 20 26.5	0.5	WHN	70.9	313	+iP	16 49 30.0	-0.7	10.0	12.9		
			PMZ	m _b =4.6	1.8				0.021	PMZ	m _b =6.8	10.0	12.9		
LSA	48.2	292	+P	06 21 48.6	0.5	WHN	70.9	313	pP	16 49 39.5	1.6	16.0	32.6		
WMQ	51.7	310	+iP	06 22 14.5	0.2				LE	19.0	28.8				
MAR 5d 15h 57m 18.0±0.03s, SD0.75 / 68								DL2	71.6	323	LZ	M _s =6.6	24.0	42.3	
5.32 S±0.38km, 146.46 E±0.62km, h188±0.41km											+iP	16 49 35.0	0.2	10.0	13.3
Eastern New Guinea region (207)								DL2	71.6	323	PMZ	m _b =6.9	10.0	13.3	
m _b 4.8 / 20,											S	16 58 52.0	1.3	18.0	22.4
QZH	40.5	319	eP	16 04 41.2	0.9	DL2	71.6	323	SMN		18.0	22.4			
SSE	43.5	328	P	16 05 05.5	0.6				SME		18.0	17.7			
NJ2	45.5	327	PMZ	m _b =4.9	1.2	0.047	DL2	71.6	323	LN	M _s =6.9	18.0	28.6		
			-P	16 05 22.0	1.2	LN				M _s =6.9	18.0	21.5			
WHN	47.1	321	+P	16 05 34.5	1.5	DL2	71.6	323	LE	18.0	21.5				
SNY	51.4	338	eP	16 06 05.4	-0.3				LZ	M _s =6.6	25.0	47.4			
MDJ	52.0	345	eP	16 06 09.5	-0.8	MDJ	71.7	332	+P	16 49 35.2	-0.7	1.0	0.037		
CN2	52.4	341	eP	16 06 13.0	-0.8				PMZ	m _b =5.3	15.0	25.7			
XAN	52.8	321	P	16 06 16.0	-0.6	MDJ	71.7	332	PMZ		15.0	25.7			
BJI	53.1	331	eP	16 06 18.0	-0.3				S	16 58 57.0	4.4	19.0	33.3		
TIY	53.2	326	PMZ	m _b =4.5	1.2	0.013	MDJ	71.7	332	sS	16 59 10.0	3.9	30.0	81.2	
			eP	16 06 19.2	-0.6	LN				M _s =6.8	19.0	33.3			
CD2	54.4	314	P	16 06 28.4	0.1	MDJ	71.7	332	LZ	M _s =6.8	30.0	81.2			
BTO	56.6	327	eP	16 06 44.0	-0.1				+P	16 49 39.0	-1.3	11.0	14.3		
LZH	57.3	319	eP	16 06 50.0	0.7	TIA	72.5	319	PMZ	m _b =6.9	11.0	14.3			
GTA	61.9	320	PMZ	m _b =4.6	1.5				0.020	PcP	16 50 01.1	3.8	17.0	22.6	
			-iP	16 07 20.4	0.1	S	16 59 03.0	1.9	18.0	25.6					
WMQ	71.9	319	eP	16 08 23.5	0.2	TIA	72.5	319	LE	M _s =6.7	18.0	25.6			
MAR 5d 16h 38m 12.4±0.05s, SD1.38 / 364									LZ	M _s =6.6	22.0	34.4			
18.26 S±1.04km, 168.07 E±0.94km, h20±0.13km								SNY	72.6	327	eP	16 49 39.5	-1.2	1.0	0.041
Vanuatu (New Hebrides) (186)											PMZ	m _b =5.4	11.0	14.2	
M _s 6.9 / 55, m _b 6.9 / 41, m _b 5.6 / 58								SNY	72.6	327	PMZ	m _b =6.8	11.0	14.2	
QZH	64.5	310	+iP	16 48 50.0	-0.9	sP	16 49 55.8				4.6	16.0	32.6		
SSE	66.6	317	PMZ	m _b =6.9	11.0	15.7	SNY	72.6	327	PP	16 52 20.0	-3.3	13.0	17.2	
			S	16 57 25.5	-1.2	S				16 59 00.0	-2.0	13.0	12.4		
			LN	M _s =6.8	19.0	22.1				SMN		13.0	17.2		
			LE	19.0	30.3	SME					13.0	12.4			
			LZ	M _s =6.5	32.0	47.5				SS	17 03 50.0	6.7	18.0	17.4	
			+iP	16 49 03.0	-1.1	LN				M _s =6.8	18.0	17.4			
PMZ	m _b =5.1	1.5	0.036	LE	20.0	30.5									

CN2	73.1 329	LZ	$M_s=6.9$	21.0	70.3	sS	17 00 32.0	-0.3	18.0	38.7				
		+iP	16 49 42.7	-1.0		LN	$M_s=7.1$		20.0	33.5				
		PMZ	$m_b=6.2$	1.0	0.30	LE								
		PMZ	$m_b=7.0$	6.0	12.0	LZ	$M_s=6.6$		18.0	28.8				
		S	16 59 05.0	-2.6		LZH	81.3 312	+iP	16 50 30.0	0.3				
		SMN			10.0	8.00	PMZ	$m_b=7.0$		10.0	16.6			
		SME			10.0	13.0	pP	16 50 40.0	3.4					
		SS	17 03 57.0	6.0		sP	16 50 45.0	5.2						
		LN	$M_s=7.0$	18.0	41.0	PP	16 53 41.0	4.8						
		LE			18.0	18.0	S	17 00 38.0	1.7					
GYA	74.4 305	LZ	$M_s=6.9$	20.0	68.0	SMN			13.0	32.8				
		+iP	16 49 51.8	0.4		SME			13.0	22.7				
		PMZ	$m_b=6.8$	7.0	7.30	LN	$M_s=6.9$		22.0	14.9				
		pP	16 50 02.0	3.5		LE			22.0	37.9				
		sP	16 50 05.4	3.7		LZ	$M_s=6.9$		25.0	63.3				
		S	16 59 27.0	4.8		GTA	85.7 314	+iP	16 50 52.0	0.0				
		LN	$M_s=6.9$	20.0	14.6	sP	16 51 03.0	0.8						
		LE			20.0	37.7	sS	17 01 39.0	4.9					
		LZ	$M_s=6.5$	24.0	28.2	SS	17 06 56.0	-4.1						
		+eP	16 49 56.5	-1.3		LE	$M_s=6.9$		20.0	27.7				
BJI	75.5 321	PMZ	$m_b=5.9$	2.2	0.34	LZ	$M_s=6.7$		20.0	32.7				
		PMZ	$m_b=6.9$	10.0	14.0	LSA	88.1 302	+P	16 51 04.6	0.5				
		ePP	16 52 50.0	1.9		SKS	17 01 31.5	4.0						
		eS	16 59 35.0	-1.3		S	17 01 47.0	3.6						
		eSS	17 04 29.0	1.2		LN	$M_s=6.9$		17.0	18.7				
		LN	$M_s=6.8$	18.0	28.6	LE			17.0	14.1				
		LZ	$M_s=6.6$	30.0	50.5	LZ	$M_s=6.8$		17.0	34.0				
		P	16 50 02.4	-0.5		WMQ	95.7 314	+iP	16 51 39.0	-0.2				
		PMZ	$m_b=6.6$	10.0	8.17	PMZ	$m_b=7.2$		10.0	7.10				
		pP	16 50 13.0	3.0		PP	16 55 29.0	-2.9						
TIY	76.4 318	S	16 59 45.5	1.0		SKS	17 02 13.0	1.4						
		LE	$M_s=6.9$	18.0	34.6	LN	$M_s=7.3$		18.0	10.9				
		LZ	$M_s=6.9$	22.0	72.2	LE			20.0	57.1				
		+P	16 50 04.0	-0.4		LZ	$M_s=6.8$		28.0	47.3				
		PMZ	$m_b=5.9$	1.0	0.15	KSH	103.0 308	+P	16 52 16.0	3.9				
		S	16 59 46.0	-1.4		ePP	16 56 28.0	-0.1						
		LN	$M_s=7.0$	20.0	33.0	eSKS	17 02 52.0	4.1						
		LE			20.0	31.6	LN	$M_s=7.1$		18.0	26.3			
		+P	16 50 06.5	0.9		LZ	$M_s=7.0$		24.0	49.6				
		PMZ	$m_b=6.1$	2.0	0.44	MAR 5d 17h 10m $39.4 \pm 0.05s$, SD1.44 / 147 $18.32 S \pm 0.91km$, $167.99 E \pm 0.90km$, $h33 \pm 0.16km$ Vanuatu (New Hebrides) (186) $m_b 5.2 / 11$,								
PMZ	$m_b=6.8$	8.0	9.40	NJ2	68.7 316							eP	17 21 43.0	0.5
PcP	16 50 17.5	1.6		WHN	70.9 313							eP	17 21 55.0	-0.5
iS	16 59 56.0	4.6		MDJ	71.8 332							+P	17 22 00.0	-0.9
LN	$M_s=6.9$	16.0	8.40	SNY	72.6 327							eP	17 22 03.7	-2.0
LE			20.0	33.6								pP	17 22 16.8	1.4
LZ	$M_s=6.7$	24.0	44.9	CN2	73.1 329							+iP	17 22 07.4	-1.3
+P	16 50 17.0	0.8		GYA	74.3 305							P	17 22 18.0	1.8
PMZ	$m_b=6.8$	11.0	12.7	BJI	75.5 321							eP	17 22 21.5	-1.2
pP	16 50 27.4	4.1			PMZ							$m_b=5.2$		2.2 0.075
HHC	78.8 320	sP	16 50 31.3	4.8		TIY	76.4 318	P	17 22 27.8	0.0				
		PP	16 53 17.3	2.1		XAN	76.6 313	P	17 22 28.5	-0.8				
		PPMZ			12.0	4.85	CD2	78.7 308	eP	17 22 38.6	-2.5			
		S	17 00 11.1	0.9		HHC	78.8 320	P	17 22 40.6	-0.6				
		SMN			13.0	27.9	BTO	79.6 319	eP	17 22 45.2	-0.4			
		SME			12.0	13.7	LZH	81.2 312	+P	17 22 55.0	0.4			
		sS	17 00 28.4	4.5			PMZ	$m_b=5.5$		2.5 0.15				
		LN	$M_s=7.0$	17.0	15.0	GTA	85.6 314	+P	17 23 16.6	-0.3				
		LE			20.0	35.2	LSA	88.0 302	P	17 23 29.2	0.3			
		LZ	$M_s=6.9$	22.0	58.7	WMQ	95.7 314	eP	17 24 03.5	-0.5				
CD2	78.8 308	eP	16 50 16.0	-0.2		MAR 5d 20h 47m $01.3 \pm 0.03s$, SD1.10 / 453 $36.95 N \pm 0.85km$, $73.00 E \pm 0.44km$, $h20 \pm 0.01km$ Afghanistan-USSR border region (717) $M_s 6.4 / 55$, $M_L 5.5 / 2$, $m_b 6.1 / 32$,								
		PMZ	$m_b=6.6$	10.0	7.97									
		S	17 00 12.0	1.7										
		LE	$M_s=7.0$	22.0	43.8									
		LZ	$M_s=6.7$	22.0	38.5									
BTO	79.6 319	+iP	16 50 20.5	-0.1										
		PMZ	$m_b=6.9$	10.0	13.9									
		sP	16 50 35.5	4.6										
S	17 00 21.0	2.2												

SSE	40.0	84	LZ	$M_s = 6.4$	15.0	43.0	PP	23 10	18.0	-1.4	CD2	26.1	94	eP	23 09	57.4	0.8	LN	$M_s = 5.0$	12.0	1.71
			P	20 54	37.5	0.3		eS	23 14	04.0				1.6	LE	13.0	1.55				
			PMZ		$m_b = 5.8$	-1.2		0.18	sS	23 14				18.0	4.8	LZ	$M_s = 4.7$		20.0	2.26	
			PMZ		$m_B = 6.1$	6.0		2.10	LN							eP	23 14		28.0	3.0	
			S	21 00	43.0	1.9			LN							eS	23 14		28.0	3.0	
			sS	21 00	52.0	-1.8			LZ							LN					
			LN		$M_s = 6.5$	14.0		36.0	eP	23 10				12.5	-0.6	LZ	$M_s = 5.2$		12.0	3.16	
			LE			14.0		10.9	eS	23 14				55.0	0.6	LZ	$M_s = 4.5$		14.0	0.99	
QZH	40.5	94	LZ	$M_s = 5.8$	20.0	13.4	KMI	27.9	106	eP	23 10	12.5	-0.6	LN	$M_s = 4.8$	13.0	1.10				
			eP	20 54	42.5	1.0															
			S	21 00	51.0	2.2															
			LN		$M_s = 6.3$	14.0												22.5			
MDJ	42.8	61	LZ	$M_s = 5.8$	17.0	12.8	BTO	29.0	71	eP	23 10	24.0	1.6	LE		12.0	0.50				
			-P	20 55	00.0	0.1															
			S	21 01	18.0	-3.8															
LN		$M_s = 6.4$	14.0	25.9	eP	23 10	24.0	1.6	LZ	$M_s = 4.7$	14.0	1.50									
					epP	23 10	33.0	3.8	eS	23 15	13.0	1.8									
MAR 5d 20h 51m $14.2 \pm 0.04s$, SD1.40 / 78											LN	$M_s = 5.4$	16.0	2.80							
36.83 N $\pm 1.24km$, 73.05 E $\pm 0.58km$, h19 $\pm 0.03km$																					
Afghanistan-USSR border region (717)																					
$M_s 6.2 / 4$, $m_B 5.6 / 2$, $m_b 5.5 / 23$																					
LZH	24.7	82	+iP	20 56	37.5	1.3	XAN	29.3	85	P	23 10	24.0	-1.1	LN	$M_s = 5.0$	10.0	1.10				
			PMZ		$m_b = 5.6$	2.5												0.57			
WHN	34.7	88	P	20 58	05.5	0.0	HHC	30.1	70	P	23 10	33.0	0.3	LE		10.0	0.90				
			PMZ		$m_b = 5.5$	1.4												0.11			
			pP	20 58	10.5	-2.0															
DL2	38.0	72	eP	20 58	33.7	0.1	GYA	30.3	100	P	23 10	34.0	-0.5	LN	$M_s = 5.2$	11.0	1.46				
SNY	38.9	67	eP	20 58	42.2	1.1															
PMZ		$m_b = 5.2$	0.8	0.035																	
CN2	40.0	63	P	20 58	51.0	1.2															
SSE	40.0	84	P	20 58	50.2	0.4	TIY	31.2	76	eP	23 10	44.8	2.4	LE		14.0	1.20				
			PMZ		$m_b = 5.4$	1.2												0.079			
			S	21 04	56.0	2.5															
			LN		$M_s = 6.4$	14.0												26.3			
MDJ	42.8	61	LE			12.0	10.6	BJI	33.7	71	eP	23 11	04.5	0.5	LN	$M_s = 5.1$	16.0	2.09			
			LZ		$M_s = 5.8$	18.0	11.2														
			eP	20 59	12.0	-0.9															
MAR 5d 23h 04m $21.6 \pm 0.04s$, SD1.47 / 166											LE		15.0	1.78							
36.85 N $\pm 1.03km$, 73.04 E $\pm 0.52km$, h20 $\pm 0.04km$																					
Afghanistan-USSR border region (717)																					
$M_s 5.2 / 33$, $M_L 5.1 / 3$, $m_B 5.1 / 1$,																					
KSH	3.5	40	Pn	23 05	20.0	4.3	WHN	34.7	88	P	23 11	11.0	-2.0	LN	$M_s = 5.2$	18.0	4.10				
			Sn	23 06	03.0	4.7															
WMQ	13.2	54	LN		$M_s = 5.5$	4.0	32.4	QZN	36.8	109	eP	23 11	29.5	-0.7	LN	$M_s = 5.2$	13.0	1.98			
			+iP	23 07	28.6	-2.0															
			S	23 09	55.0	-2.0															
			LN		$M_s = 5.3$	10.0	6.04														
LSA	16.7	110	LE			10.0	6.04	NJ2	37.8	83	eP	23 11	37.0	-2.0	LN	$M_s = 4.8$	14.0	4.85			
			LZ		$M_s = 4.8$	14.0	4.85														
			P	23 08	14.8	-2.4															
			sP	23 08	24.0	-2.4															
			iS	23 11	19.0	-3.2															
			sS	23 11	33.0	2.2															
			SME			7.0	0.64														
GTA	21.2	75	LN		$M_s = 5.2$	10.5	5.10	SNY	38.9	67	eP	23 11	49.6	1.1	LE	$M_s = 5.0$	11.0	0.91			
			LE			10.0	1.80														
			LZ		$M_s = 4.7$	10.0	1.80														
			eP	23 09	07.8	-1.0															
LZH	24.7	82	S	23 13	00.0	2.0	CN2	40.0	63	eP	23 11	58.5	1.3	LN	$M_s = 5.1$	16.0	2.11				
			sS	23 13	14.0	4.6															
			LN		$M_s = 5.0$	10.0												2.18			
			LZ		$M_s = 4.8$	12.0												2.41			
SSE	40.0	84	eP	23 09	45.0	1.3	SSE	40.0	84	P	23 12	00.6	3.3	LN	$M_s = 5.0$	17.0	1.90				
			PMZ		$m_b = 4.7$	2.5												0.070			
			PMZ		$m_B = 5.1$	5.0												0.39			
			pP	23 09	53.0	2.7															
			sP	23 09	58.0	4.4															
					LZ	$M_s = 4.6$	20.0	0.90													

NJ2	42.9	2	-P	13 38	58.0	0.7			CN2	55.1	7	-P	13 40	31.0	-0.5		
			PMZ		$m_b = 5.6$	1.1	0.10	PMZ					$m_b = 5.4$	1.0	0.050		
			pP	13 39	06.0	1.7		pP				13 40	41.0	2.4			
			S	13 45	22.0	2.1		PcP				13 41	32.0	0.1			
			ScS	13 48	55.0	0.8		eS				13 48	12.0	0.4			
CD2	43.7	343	LZ		$M_s = 4.3$	20.0	0.37		LN		$M_s = 4.9$	15.0	0.40				
			-iP	13 39	04.2	-0.3		LE			15.0	0.40					
			PMZ		$m_b = 6.0$	1.2	0.27	LZ		$M_s = 4.8$	15.0	0.70					
			pP	13 39	11.3	-0.1		MDJ	56.5	10	-iP	13 40	40.5	-1.2			
			sP	13 39	17.0	2.4		PP	13 42	50.0	1.9						
XAN	45.6	350	S	13 45	28.3	-4.4		iS	13 48	30.0	-0.5						
			LZ		$M_s = 4.6$	20.0	0.74	LZ		$M_s = 5.0$	20.0	1.40					
			-P	13 39	18.0	-1.1		WMQ	61.0	336	-iP	13 41	12.0	-0.9			
			PMZ		$m_b = 5.6$	1.5	0.14	S	13 49	28.0	0.4						
			S	13 45	57.0	-1.9		LZ		$M_s = 4.9$	24.0	1.01					
TIA	47.0	360	ScS	13 49	08.2	-2.9		KSH	63.4	325	eP	13 41	28.0	-1.4			
			LN		$M_s = 5.1$	12.0	1.06	MAR 6d 15h 07m $53.6 \pm 0.17s$, SD2.26 / 27 23.96 N $\pm 1.54km$, 121.71 E $\pm 1.71km$, h24 $\pm 0.49km$ Taiwan (244) $M_s 3.5 / 1$, $M_L 3.8 / 14$, $m_b 4.3 / 2$									
			-P	13 39	29.5	-0.9		QZH	3.0	290	-Pn	15 08	40.0	-0.3			
			LSA	47.8	329	+P	13 39	37.6	0.4		Sn	15 09	12.0	-5.3			
			iS	13 46	31.0	-1.6		SMN			$M_L = 3.8$	0.2	0.37				
LZH	48.6	345	SME			5.0	0.67	SSE	7.1	356	eP	15 09	37.5	-1.7			
			-P	13 39	42.5	-0.6		S	15 10	53.5	-6.5						
			PMZ		$m_b = 5.8$	1.6	0.21	SMN			$M_L = 3.4$	1.0	0.011				
			pP	13 39	47.0	-2.9		SME			$M_s = 3.5$	1.0	0.019				
			sP	13 39	50.0	-3.0		LE			$M_s = 3.5$	6.0	0.20				
TIY	48.7	355	eS	13 46	43.0	-0.5		GZH	7.7	265	eP	15 09	50.2	2.7			
			LN		$M_s = 5.2$	9.0	0.81	S	15 11	20.0	5.1						
			LZ		$M_s = 4.8$	25.0	1.27	SMN			$M_L = 4.5$	1.2	0.14				
			-P	13 39	43.0	-1.0		NJ2	8.5	343	eP	15 09	56.5	-1.2			
			PMZ		$m_b = 5.6$	1.1	0.090	S	15 11	29.0	-4.0						
DL2	49.8	4	SMN			6.0	0.80	SMN			$M_L = 4.3$	1.0	0.069				
			SME			5.0	0.67	SME				1.0	0.082				
			-P	13 39	51.5	-0.9		WHN	9.3	317	eP	15 10	05.5	-3.5			
			PMZ		$m_b = 5.4$	1.0	0.050	PMZ			$m_b = 4.9$	0.7	0.030				
			pP	13 39	59.0	-0.4		GYA	13.8	284	P	15 11	10.4	-0.7			
BJI	50.8	359	S	13 46	57.0	-2.2		SMN				1.4	0.050				
			LZ		$M_s = 4.5$	28.0	0.71	SME				1.4	0.040				
			eP	13 39	59.0	-1.0		TIY	15.8	332	eP	15 11	41.8	4.7			
			PMZ		$m_b = 5.9$	1.4	0.23	MAR 6d 15h 25m $03.8 \pm 0.04s$, SD1.20 / 94 10.96 S $\pm 0.61km$, 119.51 E $\pm 0.90km$, h32 $\pm 0.08km$ South of Sumba (292) $m_b 4.9 / 17$,									
			esP	13 40	13.0	2.9		QZN	31.3	342	eP	15 31	23.6	0.1			
BTO	51.8	353	eS	13 47	15.0	0.9		GYA	39.2	342	P	15 32	32.4	1.0			
			eSS	13 50	47.0	1.8		pP	15 32	44.6	4.2						
			LZ		$M_s = 4.7$	23.0	0.94	KMI	39.4	336	eP	15 32	35.0	1.8			
			-iP	13 40	07.0	-0.8		WHN	41.6	353	eP	15 32	52.0	1.5			
			pP	13 40	17.0	2.4		sP	15 33	04.5	0.8						
HHC	51.9	354	PP	13 42	08.0	2.8		SSE	41.8	2	eP	15 32	49.0	-3.8			
			S	13 47	27.5	0.6		sP	15 33	06.5	0.5						
			LN		$M_s = 5.2$	16.0	1.00	NJ2	42.8	359	eP	15 33	02.0	1.6			
			LE			16.0	0.90	sP	15 33	15.0	1.4						
			LZ		$M_s = 5.0$	16.0	1.10	CD2	44.3	340	P	15 33	12.6	-0.2			
GTA	52.8	343	-iP	13 40	07.6	-0.7		LSA	48.8	327	P	15 33	49.0	0.2			
			pP	13 40	15.0	-0.2		TIY	48.9	353	eP	15 33	47.8	-1.1			
			-iP	13 40	15.0	-0.1		LZH	49.1	343	eP	15 33	51.0	0.4			
			eS	13 47	38.0	-3.6		PMZ			$m_b = 4.9$	1.4	0.025				
			LZ		$M_s = 4.9$	20.0	1.05	sP	15 34	04.5	1.0						
SNY	52.9	6	-iP	13 40	14.0	-1.6		BJI	50.8	357	eP	15 34	03.5	-0.4			
			PMZ		$m_b = 5.3$	1.0	0.043	sP	15 34	16.0	-1.0						
			PMZ		$m_b = 5.6$	8.0	0.64	BTO	52.0	351	eP	15 34	13.2	0.1			
			pP	13 40	24.3	1.7		HHC	52.1	352	eP	15 34	13.1	-0.2			
			sP	13 40	28.0	2.2											
			SMN			9.0	0.59										
			SME			5.0	0.71										
			LZ		$M_s = 4.7$	18.0	0.59										

SNY	52.7	4	eP	15 34 16.8	-0.8		
			pP	15 34 26.0	-0.9		
GTA	53.4	341	eP	15 34 23.0	0.0		
CN2	54.8	5	eP	15 34 31.8	-1.4		
MDJ	56.1	9	-P	15 34 41.7	-0.9		
WMQ	61.7	334	eP	15 35 22.0	0.1		
KSH	64.5	324	P	15 35 40.5	0.1		

MAR 6d 17h 16m 26.3±0.07s, SD2.01 / 18
36.88 N±0.58km, 73.21 E±0.70km, h31±0.13km
Afghanistan-USSR border region (717)

$M_L 3.7 / 2, m_b 4.6 / 3,$

KSH	3.4	38	Pg	17 17 24.3	-2.3		
			eSg	17 18 10.6	-2.3		
			SMN	$M_L = 3.4$	0.2	0.20	
			SME		0.2	0.040	
WMQ	13.0	53	eP	17 19 31.0	-1.4		
GTA	21.1	75	eP	17 21 13.5	2.9		

MAR 6d 18h 07m 04.9±0.04s, SD1.57 / 175
36.93 N±1.11km, 73.01 E±0.57km, h25±0.04km
Afghanistan-USSR border region (717)

$M_S 5.4 / 49, M_L 5.4 / 2, m_b 5.4 / 3,$

KSH	3.5	41	Pn	18 08 02.0	4.2		
WMQ	13.1	54	P	18 10 11.0	-2.0		
			S	18 12 36.0	-2.8		
			LN	$M_S = 5.5$	11.0	9.47	
			LE		11.0	11.1	
			LZ	$M_S = 4.8$	18.0	6.19	
LSA	16.8	110	eP	18 10 56.7	-3.8		
			PP	18 11 10.0	-3.7		
			SME		6.0	1.30	
			SS	18 14 18.0	-6.5		
			LN	$M_S = 5.5$	11.0	9.90	
			LE		11.0	2.60	
			LZ	$M_S = 5.0$	10.0	4.00	
GTA	21.2	75	+iP	18 11 50.6	-0.8		
			PMZ	$m_b = 5.3$	1.0	0.13	
			sP	18 12 01.0	-1.4		
			S	18 15 44.0	3.9		
			LN	$M_S = 5.3$	14.0	5.68	
			LZ	$M_S = 4.9$	14.0	2.93	
LZH	24.8	83	+P	18 12 26.5	0.1		
			PMZ	$m_b = 5.2$	2.5	0.23	
			PMZ	$m_b = 5.4$	4.0	0.55	
			pP	18 12 34.0	0.2		
			eS	18 16 44.0	-0.7		
			sS	18 16 55.0	-1.9		
			LN	$M_S = 5.3$	11.0	3.58	
			LE		11.0	1.72	
			LZ	$M_S = 5.2$	12.0	4.21	
CD2	26.1	94	P	18 12 41.1	1.7		
			PMZ	$m_b = 5.3$	1.4	0.11	
			S	18 17 12.0	5.3		
			LN	$M_S = 5.4$	12.0	5.10	
			LZ	$M_S = 4.8$	15.0	1.90	
KMI	27.9	106	+P	18 12 57.0	1.0		
			eS	18 17 39.0	1.9		
			LN	$M_S = 5.3$	15.0	4.00	
			LE		15.0	1.50	
			LZ	$M_S = 5.0$	16.0	3.10	
BTO	29.0	71	P	18 13 05.0	0.1		
			pP	18 13 15.0	2.4		
			eS	18 17 53.0	-0.2		
			SS	18 19 22.0	1.1		
			LN	$M_S = 5.7$	15.0	7.20	
			LE		15.0	6.80	
			LZ	$M_S = 5.5$	15.0	7.70	

XAN	29.3	85	P	18 13 07.0	-0.8		
			S	18 18 00.0	2.7		
			LN	$M_S = 5.4$	12.0	3.79	
			LE		12.0	1.71	
HHC	30.1	71	eP	18 13 16.8	1.6		
			sP	18 13 23.0	-3.5		
			S	18 18 12.7	2.3		
			LN	$M_S = 5.3$	10.0	1.81	
			LE		12.1	1.95	
			LZ	$M_S = 5.5$	12.0	7.10	
GYA	30.3	100	P	18 13 18.4	1.1		
			pP	18 13 28.0	3.0		
			S	18 18 13.8	-0.3		
			LN	$M_S = 5.5$	14.0	4.70	
			LE		14.0	2.20	
			LZ	$M_S = 4.7$	24.0	2.20	
TIY	31.2	76	eP	18 13 25.5	0.5		
			S	18 18 33.0	5.3		
			LN	$M_S = 5.4$	15.0	5.16	
			LZ	$M_S = 5.3$	12.0	3.60	
BJI	33.7	71	P	18 13 48.0	1.5		
			eS	18 19 08.0	0.6		
			eSS	18 21 12.0	0.0		
			LN	$M_S = 5.4$	15.0	4.57	
			LZ	$M_S = 5.5$	17.0	7.36	
WHN	34.8	88	eP	18 13 55.5	-0.2		
			sP	18 14 10.0	2.9		
			S	18 19 25.0	1.9		
			LN	$M_S = 5.5$	12.0	3.93	
			LZ	$M_S = 5.0$	12.0	1.81	
TIA	35.2	78	eP	18 14 00.8	1.3		
			eS	18 19 34.0	3.2		
			LN	$M_S = 5.5$	17.0	4.92	
			LE		14.0	1.33	
			LZ	$M_S = 4.9$	18.0	1.99	
QZN	36.8	109	eP	18 14 12.3	-0.8		
			eS	18 19 55.5	-0.1		
			LN	$M_S = 5.5$	18.0	3.70	
			LE		18.0	3.70	
GZH	37.3	100	eP	18 14 18.6	1.6		
			S	18 20 05.0	3.2		
			LN	$M_S = 5.5$	13.0	3.34	
			LE		13.0	1.58	
NJ2	37.8	84	eP	18 14 23.5	1.9		
			S	18 20 10.0	-0.1		
			LN	$M_S = 5.4$	14.0	2.88	
			LE		14.0	1.04	
			LZ	$M_S = 4.8$	20.0	1.53	
DL2	38.1	72	eP	18 14 24.0	0.5		
			S	18 20 17.0	3.5		
			LN	$M_S = 5.5$	16.0	2.30	
			LE		17.0	3.80	
			LZ	$M_S = 5.1$	18.0	2.70	
SNY	38.9	67	eP	18 14 32.9	2.0		
			eS	18 20 24.0	-4.0		
			sS	18 20 44.0	2.8		
			LN	$M_S = 5.3$	12.0	1.14	
			LE		12.0	1.54	
			LZ	$M_S = 5.3$	16.0	3.87	
CN2	40.0	63	P	18 14 42.6	3.0		
			epP	18 14 50.0	2.5		
			eS	18 20 44.0	0.4		
			LN	$M_S = 5.7$	15.0	5.00	
			LE		15.0	3.00	
			LZ	$M_S = 5.4$	15.0	4.00	
SSE	40.0	84	P	18 14 42.0	2.1		
			PMZ	$m_b = 5.2$	1.0	0.039	
			sP	18 14 53.0	1.6		

MDJ	42.8	61	eS	18 20 46.0	1.8				esP	21 46 04.0	3.7			
			LN		$M_S = 5.5$	15.0	3.50		PP	21 46 40.0	-2.3			
			LE			16.0	1.09		eS	21 50 38.0	0.6			
			LZ		$M_S = 5.0$	20.0	2.00		LN		$M_S = 5.5$	15.0	4.40	
			+P	18 15 04.0	1.3			LE			15.0	5.60		
			pP	18 15 11.0	0.3			LZ		$M_S = 5.3$	15.0	6.00		
			PP	18 16 45.0	0.5			P	21 45 51.6	-0.7				
			eS	18 21 24.0	-1.2			LN		$M_S = 5.1$	14.0	1.92		
			SS	18 24 30.0	0.1			LE			12.0	1.30		
			LN		$M_S = 5.1$	14.0	1.40	eP	21 46 01.0	1.3				
LZ		$M_S = 5.4$	16.0	3.57	eS	21 50 55.5	-0.2							
MAR 6d 18h 22m 13.8 ± 0.05s, SD2.16 / 15														
36.77 N ± 0.59km, 73.22 E ± 0.72km, h20 ± 0.24km														
Afghanistan-USSR border region (717)														
$M_L 4.3 / 1, m_b 4.0 / 3,$														
KSH	3.5	37	Pg	18 23 17.0	1.6				LN		$M_S = 5.0$	14.0	1.50	
			Sn	18 23 55.0	5.2			LE			14.0	1.20		
			SMN		$M_L = 4.3$	1.0	1.02	LZ		$M_S = 4.6$	22.0	1.50		
			SME			0.9	0.90	+P	21 46 10.0	0.5				
WMQ	13.1	53	eP	18 25 21.0	-0.9			S	21 51 13.5	1.5				
			GTA	21.1	75	eP	18 27 03.0	3.2		LN		$M_S = 5.2$	19.0	3.45
MAR 6d 21h 39m 49.6 ± 0.03s, SD1.12 / 224														
36.94 N ± 0.84km, 73.07 E ± 0.40km, h24 ± 0.10km														
Afghanistan-USSR border region (717)														
$M_S 5.1 / 45, M_L 5.4 / 2, m_b 5.5 / 3,$														
KSH	3.4	40	-Pg	21 40 49.0	-1.2				LZ		$M_S = 5.2$	16.0	2.78	
			WMQ	13.1	54	+iP	21 42 55.7	-1.5		LZ		$M_S = 5.4$	18.0	6.75
			PP	21 43 08.5	1.1			P	21 46 41.0	0.7				
			S	21 45 21.5	-1.1			pP	21 46 50.0	2.0				
			LN		$M_S = 5.0$	10.0	3.43	eS	21 52 10.0	1.7				
			LE			10.0	3.38	LN		$M_S = 5.1$	15.0	2.05		
			LZ		$M_S = 4.7$	22.0	5.74	LZ		$M_S = 4.5$	16.0	0.71		
LSA	16.7	110	P	21 43 41.3	-3.7			eP	21 46 44.7	0.6				
			pP	21 43 49.0	-1.8			eS	21 52 12.0	-3.1				
			iS	21 46 49.0	-0.9			LN		$M_S = 5.0$	11.0	1.10		
			SS	21 47 02.5	-6.1			LZ		$M_S = 4.8$	18.0	1.41		
			LN		$M_S = 5.2$	10.0	4.80	eP	21 46 57.0	-0.8				
			LE			10.0	1.30	eS	21 52 37.5	-2.6				
			LZ		$M_S = 5.0$	10.0	3.60	eP	21 47 07.0	0.9				
GTA	21.1	75	-P	21 44 36.0	0.2			S	21 53 00.0	5.6				
			pP	21 44 44.0	1.1			LN		$M_S = 5.1$	11.0	1.10		
			LN		$M_S = 5.0$	13.0	2.66	LE			10.0	0.40		
			LZ		$M_S = 4.8$	18.0	3.24	LZ		$M_S = 4.7$	20.0	1.20		
LZH	24.7	83	+P	21 45 11.5	0.7			eP	21 47 15.0	-0.5				
			PMZ		$m_b = 5.4$	2.0	0.25	S	21 53 10.0	-1.4				
			PMZ		$m_b = 5.5$	4.0	0.79	LE		$M_S = 5.2$	14.0	2.05		
			PP	21 45 51.5	5.0		LZ		$M_S = 5.4$	16.0	4.24			
			eS	21 49 30.0	1.0		eP	21 47 25.0	0.9					
			sS	21 49 44.0	3.3		PMZ		$m_b = 4.9$	1.0	0.020			
			LN		$M_S = 5.1$	13.0	2.52	pP	21 47 34.0	2.2				
			LE			12.0	1.47	eS	21 53 29.0	1.0				
			LZ		$M_S = 5.0$	18.0	3.67	LN		$M_S = 5.0$	10.0	0.70		
			P	21 45 24.2	0.3		LE			10.0	0.50			
			PMZ		$m_b = 5.1$	1.2	0.060	LZ		$M_S = 5.4$	10.0	2.90		
			eS	21 49 57.4	5.5			P	21 47 24.5	0.0				
			sS	21 50 07.0	2.7			PMZ		$m_b = 5.2$	1.6	0.062		
			LN		$M_S = 5.1$	11.0	2.30	eS	21 53 22.0	-6.6				
LZ		$M_S = 4.6$	17.0	1.40	LN		$M_S = 5.1$	10.0	0.50					
KMI	27.9	106	+P	21 45 40.0	-0.6			LE			12.0	1.00		
			sP	21 45 55.5	4.2			LZ		$M_S = 4.9$	18.0	1.60		
			PP	21 46 35.0	5.7			-P	21 47 48.5	1.2				
			eS	21 50 25.0	3.4			eS	21 54 07.5	-2.1				
			LN		$M_S = 5.0$	15.0	1.70	ScS	21 57 46.5	2.7				
			LE			15.0	1.10	LN		$M_S = 5.0$	10.0	0.70		
			LZ		$M_S = 4.7$	24.0	2.30	LZ		$M_S = 4.8$	20.0	1.40		
BTO	28.9	71	P	21 45 50.5	1.0									

MAR 6d 23h 28m 49.6 ± 0.11s, SD1.31 / 56

21.33 S ± 0.73km, 175.83 E ± 0.74km, h35 ± 1.11km
South of Fiji (171)
m_b5.0 / 10,

MDJ	78.0	328	eP	23 40 46.0	-1.2		
WHN	78.4	309	eP	23 40 49.0	-0.2		
CN2	79.6	325	eP	23 40 54.6	-1.0		
BJI	82.5	318	eP	23 41 11.0	-0.2		
TIY	83.6	314	eP	23 41 17.3	0.4		
HHC	85.9	317	eP	23 41 28.8	0.6		
CD2	86.5	305	eP	23 41 32.0	1.1		
LZH	88.8	310	eP	23 41 42.0	-0.2		
GTA	93.1	311	eP	23 42 02.0	-0.3		

PMZ m_b = 5.2 1.5 0.027

MAR 7d 02h 16m 17.9 ± 0.04s, SD1.26 / 110
3.53 N ± 0.55km, 126.70 E ± 0.89km, h85 ± 0.13km
Talaud Islands (263)
M_s4.5 / 4, m_b5.0 / 23,

QZN	22.6	314	eP	02 21 11.0	-1.0		
			eS	02 25 08.0	-1.0		
QZH	22.7	341	P	02 21 13.0	-0.1		
GZH	23.3	328	eP	02 21 19.6	0.0		
			eS	02 25 24.0	1.2		
SSE	27.9	350	eP	02 22 06.0	3.6		
			eS	02 26 37.0	-1.5		
WHN	29.3	338	eP	02 22 14.5	-0.3		
			pP	02 22 35.0	1.1		
			eS	02 27 01.0	0.4		
			LE	M _s = 4.8	20.0	1.72	
			LZ	M _s = 4.2	24.0	0.63	
NJ2	29.3	346	eP	02 22 15.2	0.3		
			pP	02 22 30.0	-4.0		
			LZ	M _s = 3.9	20.0	0.31	
GYA	29.8	322	P	02 22 20.2	0.7		
KMI	31.5	315	eP	02 22 34.5	-0.1		
TIA	33.7	346	eP	02 22 52.3	-1.1		
XAN	34.6	333	P	02 22 58.3	-2.6		
CD2	34.8	324	eP	02 23 06.9	4.2		
DL2	35.5	353	eP	02 23 09.7	0.9		
			eS	02 28 40.0	2.4		
			LZ	M _s = 4.1	20.0	0.30	
TIY	36.4	341	eP	02 23 16.2	-0.6		
			S	02 28 54.0	3.0		
			LN	M _s = 4.6	14.0	0.56	
BJI	37.6	347	eP	02 23 26.0	-0.1		
			PMZ	m _b = 4.7	1.5	0.020	
			eS	02 29 09.5	0.4		
			esS	02 29 41.0	-2.2		
			LZ	M _s = 4.1	20.0	0.30	
SNY	38.2	356	eP	02 23 30.6	-1.0		
			pP	02 23 49.0	-2.4		
			S	02 29 16.0	-2.2		
			ScP	02 29 24.0	0.9		
			LZ	M _s = 4.4	24.0	0.65	
LZH	38.7	330	+P	02 23 35.0	-0.4		
			sP	02 24 00.5	-4.7		
			LZ	M _s = 4.5	25.0	1.00	
HHC	39.6	342	eP	02 23 44.0	1.1		
BTO	39.9	340	eP	02 23 46.4	1.2		
CN2	40.1	359	eP	02 23 47.2	-0.1		
MDJ	41.0	3	+P	02 23 55.0	0.5		
LSA	42.6	312	P	02 24 08.3	0.6		
GTA	43.3	329	eP	02 24 13.0	-0.2		
WMQ	52.9	325	eP	02 25 27.2	-0.6		

MAR 7d 09h 06m 47.2 ± 0.04s, SD1.05 / 99
22.07 S ± 0.87km, 174.93 E ± 0.62km, h33 ± 0.07km

Loyalty Islands region (189)
m_b5.0 / 17,

SSE	73.8	314	P	09 18 20.8	-0.1		
			PMZ	m _b = 4.7	1.0	0.010	
NJ2	76.0	313	-P	09 18 33.0	-0.4		
			sP	09 18 48.5	1.5		
MDJ	78.2	329	eP	09 18 46.0	0.0		
WHN	78.2	310	eP	09 18 46.0	0.1		
			pP	09 18 56.5	0.9		
CN2	79.7	326	+P	09 18 54.1	0.0		
GYA	81.8	303	P	09 19 06.0	0.6		
BJI	82.5	319	eP	09 19 09.0	0.1		
TIY	83.6	315	eP	09 19 14.8	0.5		
XAN	84.0	310	P	09 19 16.5	0.2		
HHC	85.9	317	eP	09 19 27.0	1.2		
CD2	86.2	305	P	09 19 28.5	1.1		
BTO	86.7	316	eP	09 19 28.8	-1.2		
LZH	88.6	310	P	09 19 39.5	0.4		
			PMZ	m _b = 5.1	1.5	0.025	
			pP	09 19 43.0	-5.7		

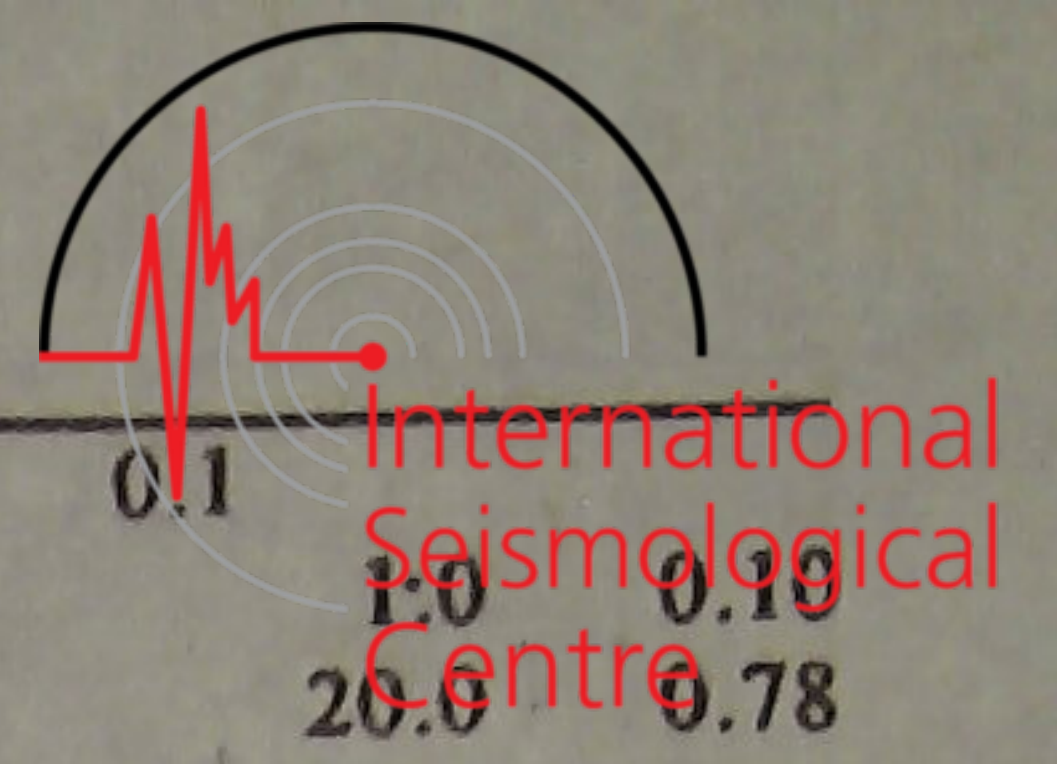
MAR 7d 11h 04m 57.4 ± 0.05s, SD2.92 / 6
42.82 N ± 0.31km, 83.28 E ± 0.40km, h30 ± 0.27km
Northern Xinjiang Province (332)
M_L3.1 / 6,

WMQ	3.4	71	ePn	11 05 52.3	3.5		
			Sn	11 06 35.4	6.1		
			Sg	11 06 49.5	5.9		
			SMN	M _L = 2.8	0.7	0.030	
			SME		0.5	0.030	

MAR 7d 18h 22m 02.5 ± 0.06s, SD1.38 / 109
17.27 S ± 1.61km, 66.69 E ± 1.00km, h9 ± 0.12km
Mascarene Islands region (427)
M_s5.3 / 23, m_b5.5 / 3, m_b5.0 / 11

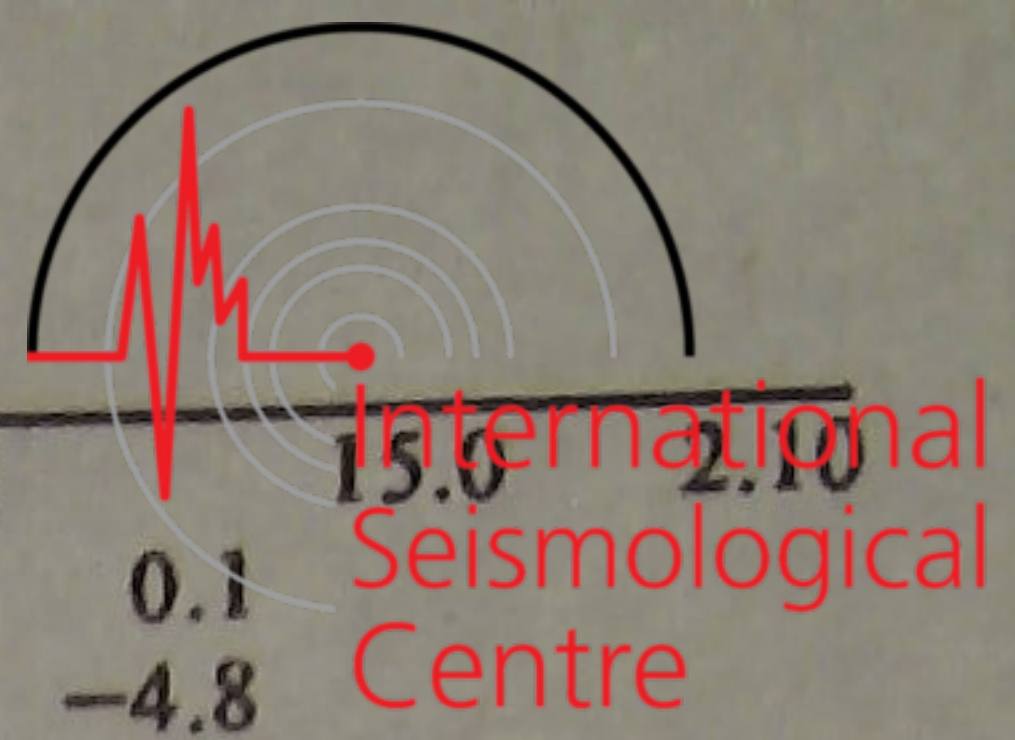
LSA	52.3	27	eP	18 31 21.4	3.7		
			LN	M _s = 5.3	12.0	0.60	
			LE		18.0	1.40	
KMI	54.9	41	-P	18 31 38.0	1.6		
			LN	M _s = 5.3	13.0	0.90	
			LE		13.0	0.80	
			LZ	M _s = 5.1	20.0	1.60	
QZN	55.7	52	eP	18 31 43.0	1.0		
			eS	18 39 26.5	-0.5		
			LN	M _s = 5.6	14.0	2.65	
KSH	57.1	8	eP	18 31 50.5	-2.1		
			eS	18 39 42.0	-4.6		
GYA	58.3	43	P	18 32 00.6	0.0		
			S	18 40 04.0	3.8		
			LN	M _s = 5.2	18.0	0.80	
			LE		18.0	0.70	
CD2	59.7	37	eP	18 32 09.4	-1.0		
			eS	18 40 18.0	-1.9		
			LZ	M _s = 4.7	26.0	0.70	
LZH	63.7	33	eP	18 32 36.0	-1.1		
			PMZ		3.0	0.10	
			PMZ	m _b = 5.4	8.0	0.36	
			sP	18 32 45.0	0.0		
			S	18 41 10.0	1.3		
			LZ	M _s = 4.7	20.0	0.55	
WMQ	63.8	17	P	18 32 38.0	0.3		
			S	18 41 10.0	0.0		
			LZ	M _s = 4.9	36.0	1.53	
GTA	64.3	28	eP	18 32 39.5	-1.9		
			eS	18 41 14.0	-4.5		
			LZ	M _s = 4.9	50.0	1.83	
XAN	65.0	38	P	18 32 44.5	-1.1		
			LN	M _s = 5.3	14.0	0.68	

				M _s 4.0 / 3, M _L 4.8 / 10, m _b 5.0 / 1,							
WHN	66.0	44	LE	14.0	0.49	BTO	3.3 89 Pg	00 12 55.8	1.5		
			S	18 41 40.0	1.9			Sg	00 13 37.5	-1.4	
			sS	18 41 45.0	-3.5			SMN	M _L =4.1	0.4	0.60
			LE	M _s =5.3	16.0	0.95		SME		0.4	0.67
TIY	69.6	37	LZ	M _s =4.8	20.0	0.63	HHC	4.5 85 ePn	00 13 06.0	1.8	
			eP	18 33 14.2	-0.4			Pg	00 13 16.4	1.6	
			PcP	18 33 37.0	0.2			Sg	00 14 12.6	-3.1	
			S	18 42 24.0	3.7			SMN	M _L =4.6	0.6	0.93
			ScS	18 43 10.0	-1.5			LZ	M _s =4.0	12.0	2.00
			LN	M _s =5.2	16.0	0.65	GTA	4.7 257 Pn	00 13 10.8	3.4	
NJ2	70.0	46	LZ	M _s =5.0	18.0	0.85		SMN		2.0	1.96
			-P	18 33 16.2	-1.0			SME		1.5	2.25
BTO	70.2	34	LZ	M _s =4.6	20.0	0.37	LZH	4.8 198 ePn	00 13 10.5	2.0	
			eP	18 33 18.0	-0.8			Sg	00 14 25.0	-0.5	
			pP	18 33 23.0	-1.1			SMN		2.0	1.44
			S	18 42 27.0	-1.2			SME		2.0	1.48
			LN	M _s =5.3	15.0	0.50	TIY	6.0 117 ePn	00 13 28.6	3.5	
SSE	71.1	48	LE	15.0	0.60			iPg	00 13 43.2	1.5	
			eP	18 33 23.0	-0.7			SMN	M _L =5.1	0.6	1.55
			eS	18 42 40.0	0.8			SME		0.7	1.34
			eScS	18 43 20.0	-3.3		XAN	7.1 158 Pn	00 13 41.0	1.1	
			LN	M _s =5.3	14.0	0.75		Pg	00 14 04.0	3.3	
HHC	71.2	34	LZ	M _s =4.7	20.0	0.46		Sn	00 14 56.5	-6.0	
			eP	18 33 25.3	0.4			Sg	00 15 31.0	-6.3	
			S	18 42 40.6	0.7			SMN	M _L =4.7	1.0	0.41
			LN	M _s =5.1	12.0	0.41		SME		1.0	0.21
			LZ	M _s =5.5	26.0	4.00		LN	M _s =4.1	4.0	0.56
TIA	71.4	41	eP	18 33 26.5	0.7			LE		6.0	0.42
			eS	18 42 40.0	-3.3		CD2	9.8 190 P	00 14 25.0	4.2	
			LN	M _s =5.2	13.0	0.30	TIA	10.0 113 eP	00 14 22.8	-0.1	
			LE	13.0	0.40			SMN		1.1	0.10
			LZ	M _s =4.9	25.0	0.80		SME		0.8	0.070
BJI	73.3	38	eP	18 33 36.5	-0.4		WHN	12.3 142 P	00 14 55.0	0.9	
			eS	18 43 04.0	-0.7			eS	00 17 10.5	-1.4	
			LZ	M _s =4.9	19.0	0.59		LN	M _s =3.8	12.0	0.40
SNY	78.8	40	-P	18 34 08.0	-0.1		WMQ	13.7 289 P	00 15 14.0	0.6	
			LZ	M _s =5.0	22.0	0.87		S	00 17 44.6	-1.7	
CN2	81.1	39	+P	18 34 17.0	-3.3			LN		3.0	0.43
			PMZ	m _b =4.8	1.0	0.010		LE		3.0	0.59
			pP	18 34 24.0	-1.6		GYA	14.2 176 eP	00 15 16.8	-2.5	
			eS	18 44 24.0	-5.0		MAR 8d 07h 08m 42.9 ± 0.04s, SD1.31 / 186				
			eSS	18 49 40.0	-4.9		11.65 N ± 0.74km, 141.02 E ± 0.76km, h43 ± 0.05km				
			LN	M _s =5.3	17.0	0.60	Western Caroline Islands (209)				
			LE	17.0	0.20		M _s 4.8 / 19, m _b 5.2 / 1, m _b 5.4 / 57				
			LZ	M _s =4.9	20.0	0.60	QZH	25.0 305 eP	07 14 04.0	-0.7	
MDJ	84.0	40	eP	18 34 35.0	-0.5			LZ	M _s =4.4	20.0	1.25
MAR 8d 00h 10m 47.6 ± 0.03s, SD2.45 / 9							SSE	26.7 320 P	07 14 20.0	0.0	
40.55 N ± 0.35km, 105.84 E ± 0.29km, h22 ± 0.21km								PMZ	m _b =5.5	1.5	0.19
Northern China (323)								esS	07 19 14.0	5.4	
M _L 3.7 / 6,								LE	M _s =4.5	14.0	0.70
BTO	3.2	88	Pn	00 11 39.4	2.4			LZ	M _s =4.6	22.0	1.60
			Pg	00 11 44.0	0.2		NJ2	28.8 318 -P	07 14 39.5	0.2	
			Sg	00 12 24.2	-3.2			PMZ	m _b =4.8	1.5	0.030
			SMN	M _L =3.0	0.4	0.060		eS	07 19 23.0	-1.4	
			SME		0.4	0.040		LN	M _s =4.8	15.0	1.21
HHC	4.4	84	Pg	00 12 03.8	-1.0			LZ	M _s =4.5	20.0	1.22
			Sg	00 13 00.0	-4.3		QZN	30.9 288 eP	07 15 00.0	1.8	
			SMN	M _L =3.7	0.6	0.19		eS	07 19 59.0	1.0	
			SME		0.6	0.090		LE	M _s =4.9	17.0	1.80
GTA	4.8	258	Pg	00 12 12.0	-0.1		WHN	31.0 311 -P	07 15 00.0	0.6	
			LN		2.0	1.97		PMZ	m _b =5.4	1.5	0.092
XAN	6.9	158	ePg	00 12 53.0	2.5			sP	07 15 19.0	3.9	
MAR 8d 00h 11m 56.1 ± 0.05s, SD2.13 / 63								eS	07 20 00.0	-0.1	
40.63 N ± 0.65km, 105.71 E ± 0.54km, h11 ± 0.15km								LN	M _s =4.8	16.0	0.99
Northern China (323)								LE		16.0	0.95
								LZ	M _s =4.5	24.0	1.37

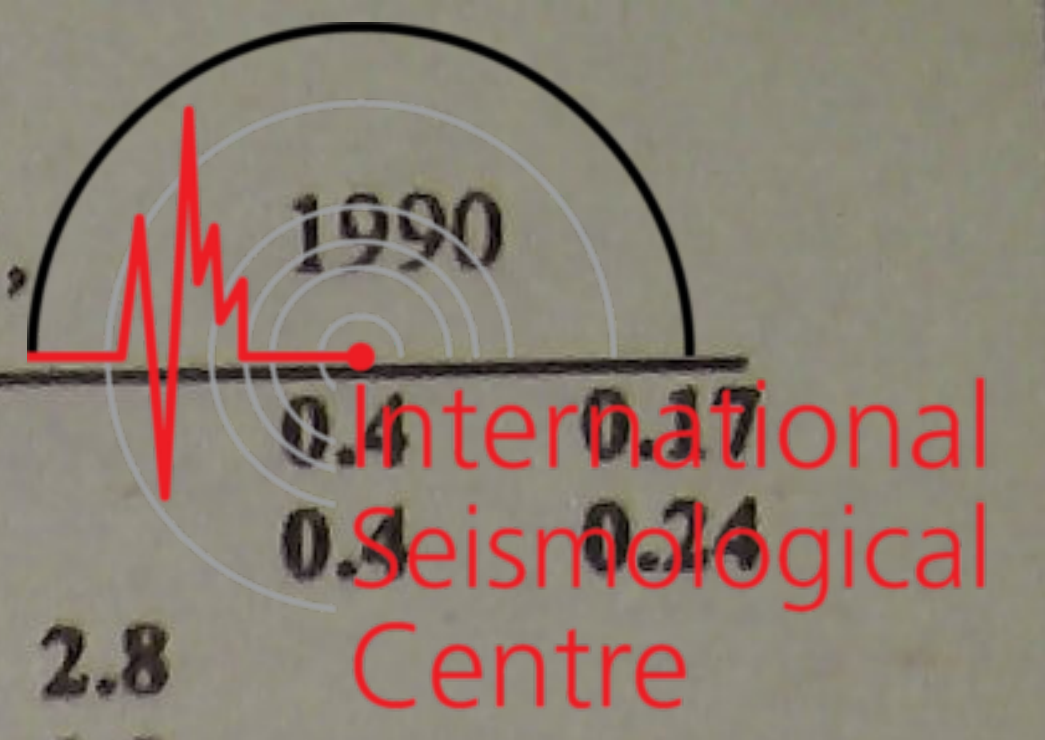


DL2	32.2	331	P	07 15	09.5	0.3			GTA	45.7	315	+iP	07 17	02.6	0.1		
			PMZ		$m_b = 5.6$		1.0	0.095				PMZ		$m_b = 5.7$		1.0	0.10
			eS	07 20	12.0	-5.7						LZ		$M_S = 4.6$		20.0	0.78
			LE		$M_S = 5.1$		16.0	2.66	LSA	49.6	299	+P	07 17	34.3		1.5	
			LZ		$M_S = 4.7$		19.0	1.50	WMQ	55.8	315	+iP	07 18	18.6		-0.1	
TIA	32.6	323	+P	07 15	12.5	-0.6			KSH	63.5	308	eP	07 19	12.0		0.2	
			LN		$M_S = 4.5$		27.0	0.90	-----								
SNY	33.7	336	eP	07 15	22.6	0.0			MAR 8d 09h 47m $42.9 \pm 0.03s$, SD1.06 / 493								
			sP	07 15	45.0	6.6			58.50 N \pm 0.59km, 153.16 W \pm 0.56km, h62 \pm 0.39km								
			PP	07 16	40.0	4.7			Kodiak Island region (13)								
			S	07 20	44.0	3.1			$M_S 5.2 / 19$, $m_b 5.4 / 2$, $m_b 5.8 / 104$								
			LN		$M_S = 4.8$		16.0	0.87	MDJ	47.3	289	+P	09 56	11.5		-1.0	
			LE				16.0	0.81				PMZ		$m_b = 5.6$		0.8	0.070
			LZ		$M_S = 4.9$		20.0	2.30				S	10 02	58.0		-1.0	
MDJ	34.3	345	eP	07 15	29.0	1.5						LZ		$M_S = 5.0$		25.0	2.30
			sS	07 21	14.0	4.6			CN2	49.9	291	+iP	09 56	32.4		-0.6	
			LZ		$M_S = 4.8$		24.0	2.01				PMZ		$m_b = 6.4$		1.0	0.50
CN2	34.7	340	-P	07 15	31.0	-0.5						pP	09 56	51.0		3.1	
			PMZ		$m_b = 5.1$		1.0	0.030				eS	10 03	37.0		-0.1	
			pP	07 15	41.0	-1.6						LN		$M_S = 5.2$		14.0	0.90
			S	07 20	55.0	-1.8						LE				14.0	0.70
			LN		$M_S = 5.0$		16.0	1.60				LZ		$M_S = 4.9$		18.0	1.20
			LE				16.0	0.50	SNY	52.3	290	+iP	09 56	50.6		-0.4	
			LZ		$M_S = 4.9$		18.0	2.10				PMZ		$m_b = 6.2$		1.4	0.41
GYA	35.5	299	+iP	07 15	39.8	1.6						pP	09 57	07.2		1.2	
			sP	07 15	59.0	5.1						sP	09 57	13.5		1.0	
			LZ		$M_S = 4.4$		30.0	0.90				S	10 04	09.0		0.2	
BJI	35.8	327	eP	07 15	40.0	-0.4						SMN				11.0	0.23
			PMZ		$m_b = 5.7$		1.5	0.18				SME				6.0	0.47
			esP	07 15	58.0	1.7						ScS	10 06	35.5		5.0	
			eS	07 21	12.0	-2.0						LZ		$M_S = 5.1$		20.0	1.70
			eSS	07 23	40.0	4.0			DL2	55.5	289	-P	09 57	14.5		0.1	
			LN		$M_S = 4.8$		20.0	1.38				PMZ		$m_b = 5.9$		1.0	0.16
			LZ		$M_S = 4.6$		28.0	1.38				S	10 04	57.0		5.2	
TIY	36.4	320	+P	07 15	46.5	0.5						LZ		$M_S = 4.7$		20.0	0.60
			PMZ		$m_b = 5.6$		1.2	0.13	BJI	57.3	294	P	09 57	26.5		-0.6	
			pP	07 15	56.0	-1.0						PMZ		$m_b = 5.8$		1.0	0.11
			S	07 21	24.5	1.5						epP	09 57	45.5		3.2	
			LN		$M_S = 4.7$		14.0	0.65				eS	10 05	18.0		1.5	
			LZ		$M_S = 4.8$		20.0	1.75				eScS	10 07	08.0		2.2	
XAN	36.8	313	P	07 15	48.5	-0.3						LZ		$M_S = 5.1$		20.0	1.50
			eS	07 21	31.0	1.7			HHC	58.8	298	+P	09 57	37.9		-0.1	
KMI	38.6	296	+P	07 16	06.0	2.0						PMZ		$m_b = 6.1$		1.0	0.23
			PMZ		$m_b = 5.7$		1.5	0.20				sP	09 58	00.0		0.4	
			sP	07 16	24.0	4.3						LN		$M_S = 5.3$		11.0	0.70
			S	07 21	50.0	-5.5						LE				11.0	0.53
			LZ		$M_S = 4.6$		22.0	1.00				LZ		$M_S = 4.7$		38.0	1.06
HHC	38.9	324	eP	07 16	07.0	0.1			BTO	59.7	299	P	09 57	44.0		-0.3	
			PMZ		$m_b = 5.4$		1.2	0.067				sP	09 58	09.0		3.1	
			LN		$M_S = 4.8$		15.0	0.64				S	10 05	49.0		1.7	
			LE				15.0	0.37				LN		$M_S = 5.5$		13.0	0.80
			LZ		$M_S = 4.7$		22.0	1.29				LE				13.0	1.20
CD2	39.4	305	+iP	07 16	11.5	0.8						LZ		$M_S = 5.2$		13.0	1.20
			PMZ		$m_b = 5.8$		1.1	0.18	TIA	59.8	291	-P	09 57	44.6		-0.3	
			S	07 22	10.3	2.2						LN		$M_S = 4.9$		22.0	0.61
			LZ		$M_S = 4.4$		22.0	0.58	TIY	60.9	295	+P	09 57	51.6		-0.7	
BTO	39.7	322	P	07 16	14.0	0.8						S	10 06	04.0		1.7	
			esP	07 16	32.5	3.4						LN		$M_S = 5.2$		13.0	0.80
			ePP	07 17	53.0	4.5						LZ		$M_S = 4.9$		22.0	1.04
			eS	07 22	14.0	0.4						P	09 57	58.5		-0.2	
			LN		$M_S = 4.9$		14.0	0.70	SSE	61.9	284	PMZ		$m_b = 5.5$		0.9	0.060
			LE				14.0	0.70				S	10 06	18.0		3.3	
			LZ		$M_S = 4.7$		13.0	0.70				sS	10 06	48.0		5.6	
LZH	41.4	312	+P	07 16	27.0	-0.5						ScS	10 07	40.0		0.2	
			PMZ		$m_b = 5.5$		1.4	0.11				eSS	10 10	20.0		0.9	
			eS	07 22	38.0	-1.4						LE		$M_S = 4.8$		13.0	0.30
			LE		$M_S = 5.0$		14.0	1.09				LZ		$M_S = 4.7$		20.0	0.50
			LZ		$M_S = 4.8$		22.0	1.54	NJ2	62.3	287	+P	09 58	01.0		-0.5	

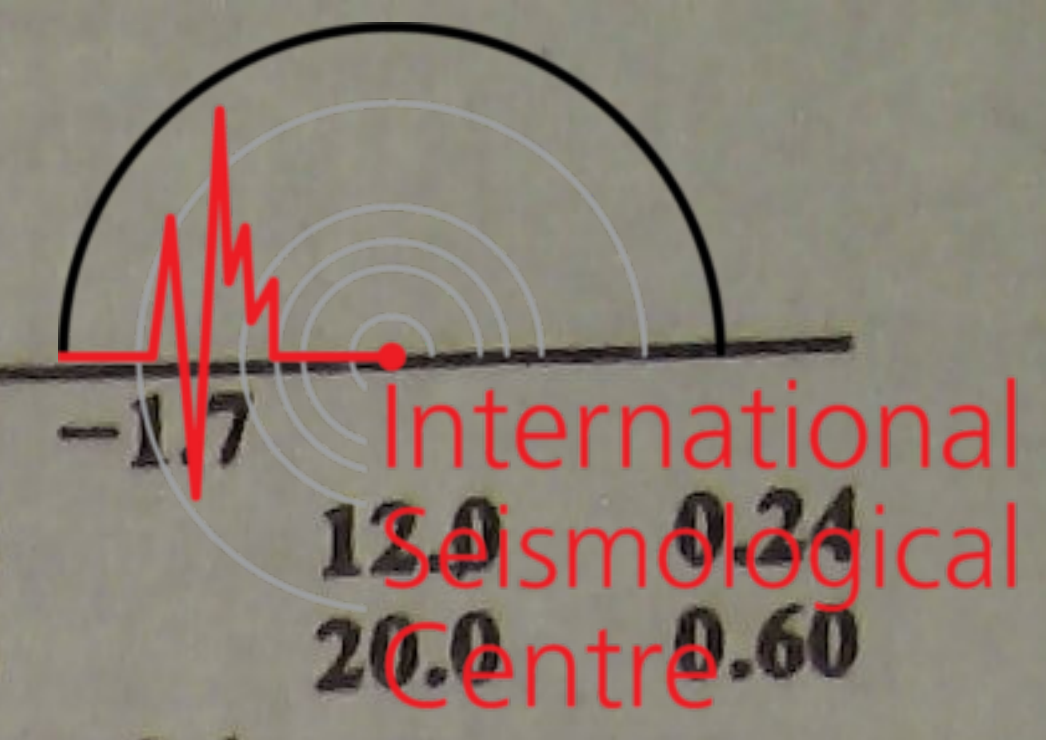
GTA	65.2 305	PMZ	$m_b = 6.0$	1.0	0.20	BJI	77.1 321	eP	10 00 23.5	-0.1	MAR 8d 10h 15m $14.1 \pm 0.04s$, SD1.55 / 88 18.38 S $\pm 0.85km$, 168.02 E $\pm 1.12km$, h17 $\pm 0.12km$ Vanuatu (New Hebrides) (186) $m_b 5.1 / 9$,		
		sP	09 58 28.0	4.6		LZH	82.9 312	+P	10 00 53.5	-1.1			
		S	10 06 22.5	2.6				PMZ		$m_b = 5.2$			
		LZ		$M_s = 4.5$	20.0	0.37							
XAN	65.5 295	+iP	09 58 20.0	-1.0		WHN	70.9 313	eP	10 26 32.5	-0.6			
		PMZ		$m_b = 5.6$	1.2	0.10	DL2	71.6 323	eP	10 26 35.5	-1.8		
		S	10 07 00.5	4.1		MDJ	71.8 332	eP	10 26 37.0	-1.5			
		ScS	10 08 09.1	3.9		SNY	72.6 327	eP	10 26 41.4	-1.9			
WHN	65.8 289	LE		$M_s = 5.3$	12.0	0.80	CN2	73.1 329	+P	10 26 44.5	-1.7		
		LZ		$M_s = 4.9$	22.0	0.90	BJI	75.5 321	P	10 26 58.0	-2.2		
		P	09 58 22.0	-0.9		XAN	76.7 313	P	10 27 03.9	-2.9			
		PMZ		$m_b = 5.5$	1.0	0.060	KMI	76.8 302	+P	10 27 08.5	0.6		
LZH	66.2 300	pP	09 58 40.0	1.7		HHC	78.8 320	eP	10 27 18.3	-0.4			
		PP	10 00 50.0	1.4		BTO	79.6 319	eP	10 27 23.0	-0.1			
		S	10 07 00.0	-0.1		LZH	81.3 312	+P	10 27 32.0	0.0			
		LN		$M_s = 5.3$	8.0	0.41			PMZ		$m_b = 5.1$	1.5 0.033	
WMQ	66.3 316	LE		$M_s = 5.5$	20.0	1.89	GTA	85.7 314	eP	10 27 54.0	-0.4		
		LZ		$M_s = 4.8$	24.0	0.82							
		+P	09 58 27.0	-0.3									
		PMZ		$m_b = 5.7$	0.8	0.078							
QZH	68.2 282	pP	09 58 45.0	2.4									
		sP	09 58 52.0	3.0									
		S	10 07 08.0	-0.3									
		ScS	10 08 14.0	1.2									
CD2	70.6 297	LE		$M_s = 5.2$	10.0	0.46	LSA	6.4 312	+Pn	18 58 37.7	3.9		
		LZ		$M_s = 5.2$	20.0	1.72			LN		$M_s = 5.1$	8.5 14.0	
		+iP	09 58 27.7	0.0				CD2	8.3 48	eP	18 59 04.2	1.9	
		S	10 07 15.5	6.2						eS	19 00 38.8	2.7	
GZH	72.4 285	ScS	10 08 17.5	4.1									
		LZ		$M_s = 5.0$	23.0	1.14							
		eP	09 58 41.0	1.5									
		S	10 07 37.5	5.3									
GYA	72.9 293	P	09 58 53.6	-0.5									
		PMZ		$m_b = 5.7$	0.8	0.090							
		S	10 08 02.5	2.5									
		ScS	10 08 49.5	2.8									
KSH	74.1 323	LZ		$M_s = 5.3$	8.0	0.74							
		-P	09 59 06.0	0.9									
		eS	10 08 22.0	-0.7									
		+iP	09 59 08.4	0.2									
KMI	75.9 295	PMZ		$m_b = 5.6$	1.2	0.10							
		PcP	09 59 24.0	0.2									
		S	10 08 29.0	2.0									
		P	09 59 16.0	0.5									
LSA	77.2 306	+P	09 59 25.0	-0.6									
		iS	10 09 01.0	-1.2									
		-P	09 59 35.2	1.9									
		iS	10 09 19.0	2.0									
QZN	77.6 286	P	09 59 36.6	1.8									
MAR 8d 09h 48m $46.1 \pm 0.04s$, SD0.88 / 223 19.44 S $\pm 0.57km$, 169.26 E $\pm 0.58km$, h164 $\pm 0.26km$ Vanuatu (New Hebrides) (186) $m_b 5.3 / 1$, $m_b 5.3 / 35$,													
GZH	69.0 305	-P	09 59 36.0	-0.5									
		eS	10 08 22.0	-5.1									
WHN	72.5 312	eP	09 59 56.0	-1.4									
		pP	10 00 33.0	-3.3									
DL2	73.2 323	P	10 00 01.5	0.1									
		eS	10 09 16.0	1.1									
MDJ	73.3 332	+P	10 00 02.0	-0.1									
		eP	10 00 04.4	-2.7									
CN2	74.6 329	+iP	10 00 09.6	-0.2									
GTA	14.1 10	eP	19 00 23.0	1.6									
		LN		$M_s = 5.5$	10.0	12.5							
		LZ		$M_s = 5.5$	10.0	16.6							
		eP	19 00 42.0	3.5									
GZH	15.5 95	eS	19 03 33.0	3.7									
		LE		$M_s = 5.3$	9.0	6.06							
		LZ		$M_s = 5.3$	10.0	7.87							
		+eP	19 00 50.0	-1.3									
WHN	16.5 68	sP	19 01 03.5	0.3									
		eS	19 03 50.0	-2.6									
		SS	19 04 09.0	-2.9									



TIY	18.2	44	LN	$M_s = 5.4$	8.0	3.38			LZ	$M_s = 4.8$	15.0	2.10			
			LE		9.0	6.94	SNY	27.6	47	eP	19 02 47.7	0.1			
			LZ	$M_s = 4.8$	16.0	4.17			S	19 07 20.0	-4.8				
			+P	19 01 12.0	-0.5			sS	19 07 38.0	-2.4					
			S	19 04 29.0	-1.4			LN	$M_s = 5.2$	10.0	1.97				
BTO	18.8	33	sS		19 04 37.5	-5.4			LE		10.0	1.26			
			LN	$M_s = 5.2$	10.0	5.03			LZ	$M_s = 5.1$	13.0	3.15			
			LZ	$M_s = 5.1$	14.0	5.60	CN2	29.7	45	eP	19 03 08.0	1.2			
			eP	19 01 18.5	-1.7			LN	$M_s = 5.2$	11.0	2.00				
			pP	19 01 25.0	-2.4			LE		11.0	0.70				
			S	19 04 45.0	0.6			LZ	$M_s = 5.0$	13.0	2.40				
			SS	19 05 06.0	-3.3										
WMQ	19.7	341	LN	$M_s = 5.9$	11.0	14.4			MAR 8d 19h 35m $21.6 \pm 0.06s$, $SD2.25 / 8$ $40.78 N \pm 0.66km$, $89.06 E \pm 0.33km$, $h32 \pm 0.02km$ Southern Xinjiang Province (321) $M_L 3.4 / 7$,						
			LE		11.0	19.2			WMQ	3.2	342	ePn	19 36 11.6	1.5	
			LZ	$M_s = 5.6$	11.0	16.5			Sn	19 36 51.2	2.8				
			+iP	19 01 30.6	0.3			Sg	19 36 59.2	-2.8					
HHC	19.7	35	PMZ	$m_b = 5.3$	7.0	1.15			SMN	$M_L = 3.3$	0.6	0.13			
			LN	$M_s = 5.3$	11.0	2.53			SME		0.4	0.099			
			LE		13.0	5.92									
			LZ	$M_s = 5.3$	15.0	8.99									
QZH	19.9	87	P	19 01 30.4	-0.8				MAR 8d 20h 01m $08.9 \pm 0.04s$, $SD1.69 / 52$ $25.45 N \pm 0.59km$, $96.51 E \pm 0.41km$, $h32 \pm 0.01km$ Burma (296) $M_s 4.3 / 13$, $M_L 4.2 / 6$, $m_b 4.2 / 5$						
			sP	19 01 43.3	-0.3					KMI	5.7	92	ePn	20 02 35.0	3.7
			eS	19 05 04.1	-3.1					Sn	20 03 40.0	3.4			
			SMN			9.0	0.50			SMN			2.0	0.60	
			SME			8.0	1.00			SME			2.0	0.50	
NJ2	20.6	66	LN	$M_s = 5.6$	11.0	9.16			LN	$M_s = 4.5$	9.0	4.20			
			LE		12.0	8.75			LE		9.0	2.20			
			LZ	$M_s = 5.4$	10.0	8.26			LZ	$M_s = 4.5$	8.0	3.50			
			eP	19 01 34.5	1.6				LSA	6.4	313	Pn	20 02 42.2	0.8	
TIA	20.6	54	eS	19 05 11.0	0.5				LN	$M_s = 4.1$	8.0	1.40			
			LN	$M_s = 5.7$	10.0	12.7			LZ	$M_s = 4.0$	7.0	0.90			
			+P	19 01 40.0	0.2				CD2	8.4	48	eP	20 03 11.6	0.3	
			PMZ	$m_b = 4.8$	1.0	0.042			SMN	$M_L = 4.5$	1.6	0.060			
			pP	19 01 46.0	-2.2				SME		1.9	0.16			
			S	19 05 23.0	0.3				LN	$M_s = 4.6$	10.0	3.60			
BJI	21.9	44	sS	19 05 34.0	-2.3				GYA	9.2	82	eP	20 03 23.0	0.6	
			LN	$M_s = 5.4$	9.0	4.39			LN	$M_s = 4.3$	9.0	1.00			
			LE		10.0	4.20			LE		9.0	0.70			
			LZ	$M_s = 4.9$	16.0	3.84			LZH	12.3	29	eP	20 04 04.0	-1.3	
KSH	22.3	314	eP	19 01 40.4	0.5				LN	$M_s = 4.6$	11.0	1.14			
			S	19 05 29.6	6.7				LE		11.0	1.77			
			LN	$M_s = 5.4$	14.0	6.40			LZ	$M_s = 4.3$	10.0	1.07			
			LE		14.0	4.80			XAN	13.8	49	P	20 04 21.0	-3.1	
			LZ	$M_s = 4.9$	15.0	3.30			GTA	14.2	10	eP	20 04 31.0	1.0	
			eP	19 01 54.0	0.9				LN	$M_s = 4.6$	8.0	1.25			
SSE	22.3	70	PMZ	$m_b = 4.7$	1.5	0.052			LZ	$M_s = 4.4$	12.0	1.35			
			ePP	19 02 20.0	1.7				WHN	16.5	68	eP	20 04 58.8	-1.4	
			eS	19 05 48.0	-0.2				sP	20 05 10.5	-1.7				
			LN	$M_s = 5.2$	10.0	2.72			eS	20 08 00.0	-2.3				
DL2	25.0	51	LE		9.0	2.41			LN	$M_s = 4.1$	12.0	0.49			
			LZ	$M_s = 5.1$	12.0	4.22			TIY	18.2	44	+P	20 05 22.0	0.6	
			eP	19 02 02.0	4.8				LN	$M_s = 4.2$	10.0	0.50			
			PP	19 02 22.0	-1.7				LZ	$M_s = 4.1$	14.0	0.56			
			LN	$M_s = 5.7$	16.0	15.8			BTO	18.8	33	eP	20 05 27.5	-1.5	
			LZ	$M_s = 5.3$	12.0	5.70			WMQ	19.7	341	eP	20 05 38.6	0.3	
			P	19 02 01.0	3.3				HHC	19.8	36	eP	20 05 39.8	-0.1	
			PMZ	$m_b = 4.6$	0.9	0.026			NJ2	20.6	66	eP	20 05 48.0	-0.5	
			pP	19 02 06.5	0.0				LN	$M_s = 4.4$	13.0	0.53			
			S	19 05 56.0	-0.1				LE		9.0	0.46			
			sS	19 06 15.0	4.2				LZ	$M_s = 3.7$	18.0	0.30			
			LN	$M_s = 5.4$	10.0	5.20			TIA	20.7	54	eP	20 05 48.5	-0.1	
			LZ	$M_s = 4.7$	20.0	2.80			BJI	22.0	44	eP	20 06 02.0	0.2	
			eP	19 02 24.0	0.7				SSE	22.4	70	eP	20 06 08.5	2.1	
			eS	19 06 42.0	-0.4										
				SMN											
				SME											
				LN	$M_s = 5.2$	12.0	2.72								
				LE		12.0	1.34								



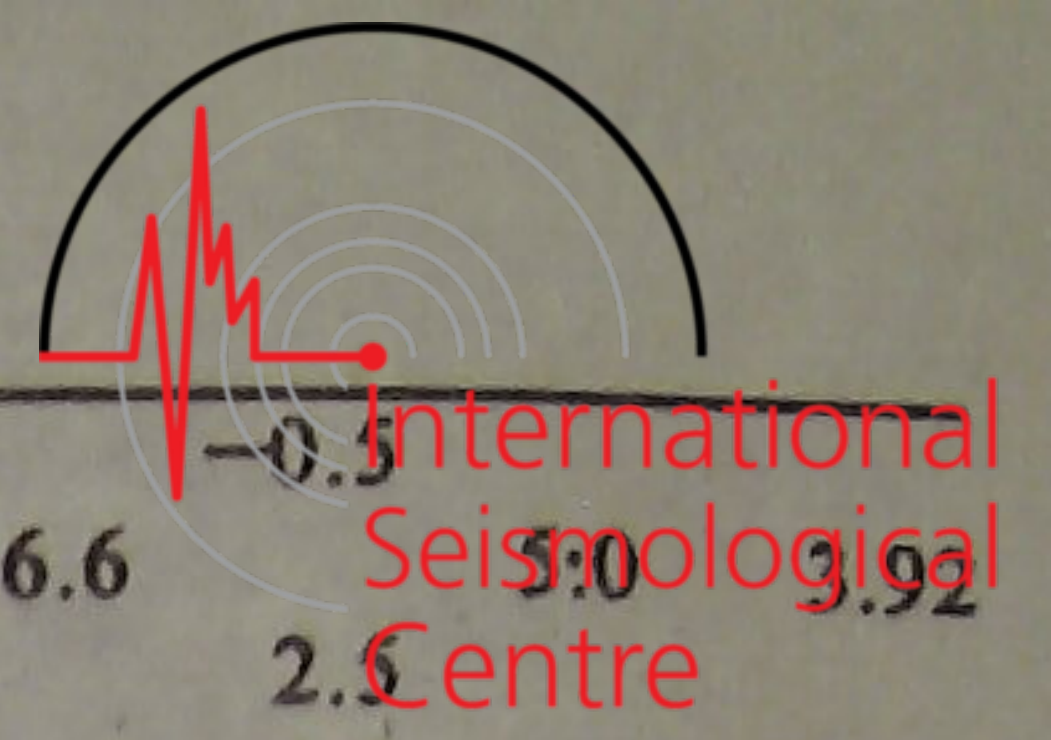
Event 1				Event 2				Event 3								
Station	Time	Phase	Amplitude	Station	Time	Phase	Amplitude	Station	Time	Phase	Amplitude	Station	Time	Phase	Amplitude	
PMZ			$m_b = 4.2$	LZH	4.2 207	ePn	14 00 19.5	SMN			$M_L = 3.9$	SMN			$M_L = 3.3$	
eS	20 10		10.0			Pg	14 00 27.5	SME				SME				
LE			$M_s = 4.0$			Sg	14 01 22.0									
<p>MAR 9d 12h 34m $00.3 \pm 0.06s$, SD1.22 / 235 60.33 N $\pm 0.16km$, 152.63 W $\pm 0.55km$, h103 $\pm 0.61km$ Southern Alaska (2) $m_b 5.6 / 1$, $m_b 5.0 / 63$,</p>				<p>MAR 10d 03h 31m $20.5 \pm 0.04s$, SD1.19 / 79 21.75 S $\pm 0.69km$, 170.55 E $\pm 0.71km$, h52 $\pm 0.42km$ Loyalty Islands region (189) $M_s 6.0 / 1$, $m_b 4.9 / 16$,</p>				<p>MAR 10d 06h 33m $27.8 \pm 0.06s$, SD2.02 / 65 30.50 N $\pm 0.61km$, 97.47 E $\pm 0.57km$, h32 $\pm 0.11km$ Tibet (306) $M_s 4.4 / 21$, $M_L 4.3 / 5$, $m_b 4.1 / 7$</p>								
MDJ	47.0 287	eP	12 42 23.7	WHN	74.9 312	eP	03 42 58.0	CD2	5.4 84	Pn	06 34 49.2	CD2	5.4 84	Pg	06 35 01.8	
CN2	49.5 290	+P	12 42 42.5	MDJ	75.9 331	eP	03 43 03.5									
		PMZ	$m_b = 5.0$			sP	03 43 26.0									
		pP	12 43 11.0	TIA	76.6 318	-P	03 43 07.7									
		eS	12 49 40.0	CN2	77.2 328	+P	03 43 10.8									
SNY	51.9 289	+iP	12 43 02.1			esP	03 43 30.0									
		PMZ	$m_b = 5.3$			eS	03 52 50.0									
		pP	12 43 26.2	BJI	56.8 293	eP	12 43 36.0	LZ		$M_s = 4.7$	20.0	0.40				
		eS	12 50 14.0			PMZ	$m_b = 5.6$									
		LZ				eS	12 51 20.0									
BJI	56.8 293	eP	12 43 36.0			P	12 43 46.5									
		PMZ	$m_b = 4.9$			epP	12 44 20.0									
		eS				eS	12 51 50.0									
HHC	58.2 297	P	12 43 46.5			LN										
		PMZ	$m_b = 4.9$			LE										
		P	12 43 53.0													
BTO	59.1 298	P	12 43 53.0													
		epP	12 44 20.0													
		eS	12 51 50.0													
		LN														
		LE														
TIA	59.4 290	-P	12 43 54.8													
TIY	60.4 295	eP	12 44 01.4													
		S	12 52 10.0													
		LN														
		LZ														
SSE	61.7 284	P	12 44 10.5													
		PMZ	$m_b = 5.2$													
		S	12 52 26.0													
NJ2	62.0 286	-iP	12 44 12.8													
		PMZ	$m_b = 5.2$													
		sP	12 44 46.0													
		LZ														
GTA	64.4 305	+iP	12 44 28.3													
XAN	65.0 295	P	12 44 31.5													
WMQ	65.2 316	+iP	12 44 33.5													
		eS	12 53 09.5													
WHN	65.4 289	-iP	12 44 35.0													
LZH	65.5 300	+iP	12 44 35.0													
		PMZ	$m_b = 5.8$													
		pP	12 44 58.0													
		sP	12 45 13.0													
		LZ														
CD2	70.0 297	P	12 45 03.0													
		PMZ	$m_b = 5.3$													
GYA	72.4 293	-P	12 45 18.6													
KSH	72.8 323	eP	12 45 21.8													
KMI	75.4 295	eP	12 45 34.5													
<p>MAR 9d 13h 59m $11.6 \pm 0.02s$, SD2.15 / 8 39.89 N $\pm 0.30km$, 106.21 E $\pm 0.23km$, h10 $\pm km$ Northern China (323) $M_L 3.5 / 7$,</p>				<p>LZA</p>				5.5 263	Pn	06 34 50.5	1.6					
BTO	3.0 75	Pn	14 00 01.0													
		Pg	14 00 04.0													
		Sn	14 00 40.6													
		SMN	$M_L = 3.0$													
		SME														
HHC	4.2 75	Pn	14 00 17.0													
		Pg	14 00 24.2													
		Sg	14 01 17.0													



TIY	14.3	56	eP	06 36	51.7	1.1			esS	10 27	12.0	-1.7			
			LN		$M_s=4.6$	11.0	1.39		LE		$M_s=4.2$		12.0	0.34	
			LE			11.0	0.68		LZ		$M_s=4.3$		20.0	0.60	
			LZ		$M_s=4.1$	12.0	0.72	NJ2	33.9	251	-P	10 21	43.4	-0.1	
BTO	14.3	42	eP	06 36	50.0	-0.8			pP	10 21	56.0	0.2			
			esP	06 37	01.0	-1.5			S	10 27	00.0	-2.3			
			LN		$M_s=4.8$	10.0	1.10		LZ		$M_s=4.3$		22.0	0.63	
			LE			10.0	1.90	BTO	34.0	271	eP	10 21	44.0	-0.4	
			LZ		$M_s=3.9$	10.0	0.40		epP	10 21	55.0	-1.6			
WHN	14.6	86	eP	06 36	55.0	1.4			eS	10 27	04.0	-0.8			
			sP	06 37	06.0	0.6			LN		$M_s=5.1$		16.0	0.70	
			eS	06 39	36.0	1.2			LE				16.0	1.90	
			LN		$M_s=4.2$	12.0	0.52		LZ		$M_s=4.9$		16.0	1.80	
			LE			12.0	0.49	TIY	34.1	265	eP	10 21	45.5	-0.1	
WMQ	15.4	332	eP	06 37	08.0	3.6			PMZ		$m_b=5.5$		1.2	0.10	
HHC	15.4	44	eP	06 37	07.0	2.3			eS	10 27	07.0	-0.1			
			LN		$M_s=4.3$	11.0	0.60		LN		$M_s=5.3$		20.0	4.12	
			LE			12.0	0.70		LZ		$M_s=4.7$		22.0	1.56	
			LZ		$M_s=4.4$	10.0	1.10	WHN	37.7	254	+P	10 22	15.0	-0.5	
QZN	16.0	133	eP	06 37	13.0	0.5			PMZ		$m_b=5.9$		0.5	0.11	
			eS	06 40	09.0	0.0			pP	10 22	29.0	1.0			
			LN		$M_s=4.9$	14.0	4.00		PcP	10 24	30.0	-1.7			
BJI	18.0	53	eP	06 37	38.0	1.0			LN		$M_s=4.6$		15.0	0.58	
SSE	20.4	82	eP	06 38	02.0	-2.7			XAN	38.7	263	P	10 22	23.0	-0.8
			PMZ		$m_b=4.4$	1.0	0.019		eS	10 28	20.5	3.9			
			LN		$M_s=4.3$	12.0	0.56	QZH	39.4	243	+P	10 22	30.0	0.5	
SNY	23.8	55	eP	06 38	39.8	0.7			PMZ		$m_b=5.8$		0.7	0.12	
CN2	25.8	51	+P	06 38	58.0	-0.2			LZH	40.6	270	+P	10 22	40.5	0.8
									PMZ		$m_b=5.3$		1.2	0.052	
MAR 10d 10h 15m $02.9 \pm 0.04s$, $SD0.96 / 419$ $50.97 N \pm 0.85km$, $157.24 E \pm 0.60km$, $h50 \pm 0.08km$ Kurile Islands (221) $M_s4.7 / 22$, $m_b5.4 / 5$, $m_b5.7 / 98$															
MDJ	19.6	262	+P	10 19	27.8	-1.7			sP	10 22	56.0	-1.5			
			PMZ		$m_b=5.9$	1.2	0.69	GTA	41.1	277	+P	10 22	44.0	-0.1	
			iS	10 23	06.0	4.0			LN		$M_s=4.7$		12.0	0.52	
			LN		$M_s=4.6$	14.0	1.30		LZ		$M_s=4.7$		20.0	1.05	
			LZ		$M_s=4.5$	35.0	3.30	GZH	43.8	247	-P	10 23	07.2	1.1	
CN2	22.6	264	-P	10 19	58.5	-1.7			eS	10 29	28.0	-4.6			
			PMZ		$m_b=5.0$	1.0	0.070	CD2	44.0	264	P	10 23	07.4	-0.3	
			pP	10 20	11.0	-0.9			PMZ		$m_b=5.6$		1.2	0.10	
			eS	10 23	56.0	-3.1			eS	10 29	37.0	1.5			
			SS	10 24	38.0	-4.1			LZ		$M_s=4.5$		20.0	0.65	
			LN		$M_s=4.7$	16.0	0.70	GYA	45.3	257	P	10 23	18.2	-0.1	
			LE			16.0	1.50		pP	10 23	30.0	-0.7			
			LZ		$M_s=4.7$	20.0	2.70		PcP	10 24	58.0	1.3			
SNY	24.8	262	+P	10 20	20.0	-1.6			S	10 29	56.4	3.2			
			PMZ		$m_b=4.9$	0.8	0.035	WMQ	46.0	289	+iP	10 23	24.5	0.7	
			PMZ		$m_b=5.1$	6.0	0.44		PcP	10 24	59.5	0.3			
			pP	10 20	32.0	-1.4			S	10 30	07.0	3.7			
			sP	10 20	36.8	-2.1			LZ		$M_s=5.0$		23.0	1.90	
			S	10 24	36.0	-0.7			KMI	48.7	259	+P	10 23	45.0	0.2
			LN		$M_s=4.7$	15.0	1.30		PMZ		$m_b=6.0$		1.5	0.30	
			LZ		$M_s=4.6$	22.0	2.06		pP	10 23	53.5	-3.7			
BJI	30.4	265	eP	10 21	12.0	-1.0			eS	10 30	40.0	-2.5			
			ePcP	10 24	11.0	0.0			LZ		$M_s=4.8$		20.0	1.10	
			eS	10 26	08.0	-0.7			QZN	49.0	247	+P	10 23	49.0	1.9
			LN		$M_s=4.7$	14.0	0.86	LSA	52.8	273	P	10 24	17.6	1.4	
			LZ		$M_s=4.7$	24.0	1.91	KSH	55.6	292	P	10 24	36.8	0.2	
TIA	32.1	258	-P	10 21	27.7	-0.6			MAR 10d 15h 59m $59.6 \pm 0.04s$, $SD1.41 / 155$ $37.11 N \pm 0.67km$, $116.01 W \pm 0.61km$, $h5 \pm 0.09km$ California-Nevada border region (40) $m_b5.0 / 44$,						
			LE		$M_s=4.9$	23.0	2.20	MDJ	79.4	319	eP	16 12	08.0	-0.9	
HHC	32.9	270	eP	10 21	34.0	-0.8			CN2	82.1	320	eP	16 12	23.8	0.5
			S	10 26	46.8	0.4			MAR 10d 20h 05m $18.5 \pm 0.06s$, $SD2.22 / 12$						
			LN		$M_s=5.1$	20.0	1.61								
			LE			18.0	1.95								
			LZ		$M_s=4.6$	15.0	0.95								
SSE	33.2	247	+P	10 21	37.0	-0.5									
			S	10 26	52.0	0.3									

36.59 N±0.52km, 73.25 E±0.76km, h14±0.07km Afghanistan-USSR border region (717) M _S 4.3/1, M _L 3.3/1,							Pg	19 31 49.0	2.5								
KSH	3.6	35	ePn	20 06 19.0	4.5		Sg	19 32 17.3	2.9								
			Sn	20 07 04.0	5.3		SMN	M _L =3.5		0.6	0.28						
			LN		M _S =4.3	5.0	SME			0.6	0.48						
			SME		M _L =3.3	0.8											
WMQ	13.2	52	eP	20 08 26.1	-2.3												
MAR 11d 00h 55m 30.8±0.07s, SD1.42/65 37.28 S±1.45km, 78.19 E±1.06km, h10±0.08km Mid-Indian Rise (429) m _b 5.0/17,							MAR 11d 22h 20m 50.6±0.07s, SD1.30/249 20.47 S±1.07km, 168.18 E±0.94km, h39±0.39km Loyalty Islands (188) M _S 6.0/10, m _b 5.8/3, m _b 5.4/26										
KMI	66.3	24	-P	01 06 22.0	-0.2		QZH	66.0	311	eP	22 31 36.0	-0.2					
			eS	01 15 08.0	-2.6					eS	22 40 20.0	-0.1					
			LZ		M _S =4.9	20.0	0.70	SSE	68.3	318	eP	22 31 50.0	-0.3				
LSA	67.7	12	eP	01 06 31.8	0.0					eS	22 40 46.0	-1.1					
GYA	68.8	27	P	01 06 38.8	0.5		QZN	69.3	301	eP	22 31 57.5	0.7					
CD2	71.9	23	eP	01 06 56.6	-0.5					eS	22 41 02.0	2.4					
KSH	76.4	358	eP	01 07 24.0	0.5		WHN	72.4	313	+P	22 32 15.5	-0.1					
XAN	76.5	26	+iP	01 07 23.2	-0.5					PMZ	m _b =5.2	1.2	0.035				
LZH	76.8	21	eP	01 07 25.5	0.1		DL2	73.4	324	eP	22 32 27.5	1.3					
			LZ		M _S =4.9	30.0	0.90			eS	22 32 22.0	0.8					
NJ2	78.7	34	+P	01 07 40.8	4.8					LN	M _S =6.2	11.0	4.29				
GTA	78.9	17	eP	01 07 36.0	-0.9		MDJ	73.7	332	eP	22 32 22.0	-1.2					
SSE	79.0	37	P	01 07 40.7	3.2					iS	22 41 56.0	5.6					
			PMZ		m _b =4.9	1.2	0.018	SNY	74.5	327	eP	22 32 26.2	-1.2				
			LZ		M _S =4.7	20.0	0.37			eS	22 41 56.0	-2.5					
TIY	81.0	27	+P	01 07 47.8	-0.7					LZ	M _S =5.3	13.0	1.13				
			S	01 17 57.0	1.6					+P	22 32 29.0	-1.5					
			LZ		M _S =4.8	28.0	0.60	CN2	75.0	329	PMZ	m _b =5.8	5.0	0.60			
WMQ	81.2	7	P	01 07 48.2	-1.0					pP	22 32 45.0	3.9					
			eS	01 17 55.0	-3.5					S	22 42 10.0	7.0					
			LZ		M _S =5.0	24.0	0.77	GYA	75.7	306	P	22 32 30.5	-4.2				
BTO	82.8	24	eP	01 07 57.0	-0.7		BJI	77.3	322	eP	22 32 42.0	-1.4					
HHC	83.5	25	eP	01 08 01.4	-0.1					PMZ	m _b =4.9	1.5	0.026				
MAR 11d 12h 31m 56.5±0.06s, SD3.67/10 40.86 N±0.75km, 77.91 E±0.72km, h15±0.49km Kirgiziya-Xinjiang border region (320) M _L 3.6/8,							TIY						78.1	318	eP	22 32 47.7	-0.2
KSH	2.0	229	ePn	12 32 30.5	-0.3					KMI	78.1	303	-P	22 32 48.5	0.3		
			Sg	12 32 59.0	-1.3								PMZ	m _b =5.7	2.0	0.20	
			SMN		M _L =3.8	0.2	0.80						PcP	22 32 53.5	-3.3		
			SME			0.2	0.70						LN	M _S =5.8	16.0	2.20	
WMQ	7.8	65	Pn	12 33 53.6	3.1								LE		16.0	0.70	
			Sn	12 35 25.8	4.6								LZ	M _S =5.8	15.0	3.50	
			SMN		M _L =4.2	1.2	0.080	XAN	78.2	313	P	22 32 47.4	-1.3				
			SME			1.0	0.080	CD2	80.2	308	eP	22 32 59.6	0.1				
MAR 11d 13h 31m 47.2±0.14s, SD3.29/10 44.04 N±1.25km, 79.84 E±1.30km, h15± km Alma-Ata region (330) M _L 3.6/7,																	
KSH	5.4	214	ePg	13 33 23.0	0.4								eS	22 43 03.5	2.8		
			Sg	13 34 32.2	-3.8								LN	M _S =6.0	13.0	2.95	
			SMN		M _L =3.8	0.7	0.10						LZ	M _S =5.4	18.0	1.55	
			SME			0.6	0.10	HHC	80.5	320	P	22 33 00.8	-0.4				
WMQ	5.7	90	Pn	13 33 14.2	2.5			BTO	81.3	319	P	22 33 05.0	-0.4				
			Sn	13 34 24.0	5.2								sP	22 33 20.0	-0.2		
			SMN		M _L =3.6	1.2	0.047						eS	22 43 12.0	-0.3		
			SME			1.2	0.048	LZH	82.8	313	eP	22 33 12.0	-1.3				
MAR 11d 19h 31m 10.5±0.03s, SD1.53/7 32.47 N±0.25km, 105.29 E±0.21km, h16±0.10km Sichuan Province (307) M _L 3.2/5,																	
CD2	2.0	220	-iPn	19 31 45.7	1.1								PMZ	m _b =5.4	2.5	0.10	
													PMZ	m _b =5.7	6.0	0.49	
													pP	22 33 24.0	0.2		
													eS	22 43 24.0	-3.9		
													LN	M _S =5.8	14.0	1.50	
													LE		15.0	1.20	
													LZ	M _S =5.4	20.0	1.70	
								GTA	87.3	314	eP	22 33 35.4	0.1				
													S	22 44 10.0	0.8		
													LN	M _S =6.0	15.0	2.52	
								LSA	89.3	302	eP	22 33 46.0	0.4				
								WMQ	97.3	314	P	22 34 21.2	-0.7				

MAR 11d 22h 46m 33.8 ± 0.04s, SD1.37 / 210 33.49 N ± 0.97km, 138.73 E ± 0.77km, h26 ± 0.22km South of Honshu (211) M _s 5.0 / 43, m _b 5.2 / 2, m _b 5.2 / 66					MAR 12d 07h 59m 29.5 ± 0.04s, SD1.94 / 38 37.11 N ± 0.41km, 113.63 E ± 0.42km, h30 ± 0.09km Eastern China (664) M _s 3.5 / 1, M _L 4.0 / 30, m _b 3.7 / 1															
MDJ	13.2	330	-iP	22 49 45.5	3.2					BTO	23.9	296	P	22 51 50.0	2.8					
			PMZ		m _b = 5.9	1.5	0.35						sP	22 52 01.0	2.6					
			sP	22 49 55.5	2.7								PP	22 52 26.0	5.6					
			LE		M _s = 5.0	14.0	6.40						S	22 56 04.0	5.7					
			LZ		M _s = 4.6	16.0	3.60						LN		M _s = 5.3	20.0	6.60			
SNY	14.6	309	+iP	22 50 00.9	0.1								LE			20.0	3.30			
			PMZ		m _b = 5.7	1.2	0.17				GZH	24.6	252	eP	22 51 55.0	1.6				
			sP	22 50 15.0	3.5								S	22 56 09.0	-0.6					
			PP	22 50 13.4	1.1								LE		M _s = 5.0	14.0	2.40			
			eS	22 52 40.0	-2.8						XAN	24.8	280	P	22 51 54.4	-0.7				
			LN		M _s = 4.8	11.5	1.58						S	22 56 07.0	-5.5					
			LE			14.0	2.82						LN		M _s = 4.9	13.0	1.17			
			LZ		M _s = 4.8	14.0	3.94						LE			13.0	1.56			
CN2	14.6	319	+P	22 50 00.5	-0.5								P	22 52 29.2	-1.2					
			PMZ		m _b = 5.3	1.6	0.090						pP	22 52 40.6	2.5					
			sP	22 50 10.0	-1.6								sP	22 52 43.0	1.3					
			eS	22 52 43.0	0.0								LN		M _s = 5.2	15.0	3.20			
			LN		M _s = 5.2	13.0	4.50						LE			15.0	1.40			
			LE			13.0	5.60						LZ		M _s = 4.6	18.0	1.20			
			LZ		M _s = 4.9	10.0	4.00				LZH	28.7	285	eP	22 52 30.0	-1.5				
DL2	14.8	296	eP	22 50 04.5	0.6								PMZ		m _b = 5.1	1.5	0.056			
			LZ		M _s = 4.6	14.0	2.71						pP	22 52 37.0	-2.1					
SSE	15.0	266	P	22 50 05.5	-1.1								eP	22 52 37.5	-1.2					
			PMZ		m _b = 4.9	1.2	0.059						eS	22 57 29.5	-1.3					
			PP	22 50 19.0	0.8								LN		M _s = 5.1	15.0	2.30			
			eP	22 50 30.5	1.5								LE			15.0	1.40			
			sP	22 50 40.0	0.3								LZ		M _s = 4.6	18.0	1.20			
			eS	22 53 35.0	1.1								LZ		M _s = 4.8	14.0	1.51			
			LN		M _s = 5.0	13.0	3.51						LN		M _s = 5.2	11.0	0.67			
			LE			12.0	1.11						LE			12.0	1.29			
			LZ		M _s = 4.2	20.0	1.22						LZ		M _s = 5.0	15.0	1.59			
TIA	17.9	285	eP	22 50 44.0	0.5								LZ		M _s = 5.0	15.0	1.59			
			LN		M _s = 5.1	17.0	5.36						P	22 52 57.2	-0.9					
			LE			17.0	2.21						P	22 54 14.6	1.9					
			LZ		M _s = 4.6	18.0	2.70						-iP	22 54 14.5	0.9					
BJI	19.2	296	eP	22 50 58.0	-0.7								S	23 00 19.5	-1.2					
			PMZ		m _b = 4.7	1.5	0.052						LN		M _s = 5.2	11.0	0.67			
			ePP	22 51 15.0	-0.3								LE			12.0	1.29			
			eS	22 54 30.0	1.5								LZ		M _s = 5.0	15.0	1.59			
			LN		M _s = 4.9	11.0	1.46						LZ		M _s = 5.0	15.0	1.59			
			LE			13.0	1.70						P	22 55 28.0	-0.4					
			LZ		M _s = 4.6	18.0	2.35						S	23 02 36.0	0.9					
QZH	19.5	249	+P	22 51 02.0	-0.2								LE		M _s = 5.3	13.0	1.50			
			sS	22 54 45.0	-1.1								LZ		M _s = 5.3	13.0	1.50			
			LE		M _s = 4.4	14.0	0.94						LE			13.0	1.50			
WHN	20.9	269	+iP	22 51 18.0	1.3								LZ		M _s = 4.6	18.0	2.35			
			PMZ		m _b = 5.8	1.5	0.67						LZ		M _s = 4.7	16.0	2.14			
			sP	22 51 31.5	3.5								LZ		M _s = 4.7	16.0	2.14			
			S	22 55 06.0	3.2								LZ		M _s = 4.7	16.0	2.14			
			sS	22 55 16.0	0.6								LZ		M _s = 4.7	16.0	2.14			
			LE		M _s = 4.8	11.0	1.54						LZ		M _s = 4.7	16.0	2.14			
			LZ		M _s = 4.7	16.0	2.14						LZ		M _s = 4.7	16.0	2.14			
TIY	21.8	289	-P	22 51 25.1	-0.8								LZ		M _s = 4.7	16.0	2.14			
			sP	22 51 39.9	2.7								LZ		M _s = 4.7	16.0	2.14			
			S	22 55 17.5	-2.2								LZ		M _s = 4.7	16.0	2.14			
			LN		M _s = 5.3	16.0	6.75						LZ		M _s = 4.7	16.0	2.14			
			LZ		M _s = 4.8	20.0	3.13						LZ		M _s = 4.7	16.0	2.14			
HHC	22.8	297	eP	22 51 33.0	-3.2								LZ		M _s = 4.7	16.0	2.14			
			pP	22 51 39.0	-4.8								LZ		M _s = 4.7	16.0	2.14			
			S	22 55 40.0	1.4								LZ		M _s = 4.7	16.0	2.14			
			LN		M _s = 5.1	12.0	3.33						LZ		M _s = 4.7	16.0	2.14			
			LE			12.0	0.78						LZ		M _s = 4.7	16.0	2.14			
			LZ		M _s = 5.1	14.0	4.10						LZ		M _s = 4.7	16.0	2.14			



		PMZ	$m_b = 6.4$	1.4	0.79	QZH	56.3 268	P	14 51 01.0	-0.5	5.0	3.92
		PMZ	$m_B = 6.6$	5.0	4.92			PMZ	$m_B = 6.6$	2.5	10.0	7.45
		ePP	14 51 48.0	1.6				pP	14 51 10.0	1.4		
		eS	14 56 48.0	-2.8				S	14 58 50.0	4.3		
		eScS	14 59 46.5	0.2				sS	14 59 04.0	19.0	12.0	
		LN	$M_S = 6.5$	19.0	31.6			LN	$M_S = 6.2$	22.0	8.81	
		LE		19.0	16.6			LZ	$M_S = 5.8$	0.2		
		LZ	$M_S = 6.5$	20.0	49.7	LZH	57.6 289	+iP	14 51 11.0	1.5	0.83	
TIA	49.4 280	+P	14 50 10.0	-0.6				PMZ	$m_b = 6.4$	10.0	7.45	
		PMZ	$m_B = 6.4$	10.0	5.41			PMZ	$m_B = 6.6$	-3.0		
		PP	14 52 07.0	2.6				PcP	14 52 00.0	0.9		
		S	14 57 20.0	4.4				PP	14 53 20.0	-1.0		
		SMN		12.0	4.95			eS	14 59 06.0	16.0	1.83	
		SME		11.0	3.98			SME		-0.3		
		LN	$M_S = 6.4$	20.0	17.2			ScS	15 00 55.0	3.3		
		LE		20.0	19.5			SS	15 03 00.0	21.0	45.6	
HHC	49.9 288	eP	14 50 14.4	0.4				LN	$M_S = 6.9$	20.0	44.4	
		PMZ	$m_B = 6.6$	5.0	4.80			LE		20.0	61.5	
		sP	14 50 28.2	5.6				LZ	$M_S = 6.7$	-1.4		
		PcP	14 51 35.1	1.3		GTA	57.6 294	+iP	14 51 10.0	0.0		
		PP	14 52 09.8	1.1				sP	14 51 20.0	16.0	34.6	
		S	14 57 20.4	-1.0				LE	$M_S = 6.7$	20.0	37.3	
		SMN		9.0	2.80			LZ	$M_S = 6.5$	14 51 32.6	-1.2	
		SME		9.0	1.89	GZH	60.9 271	eP	14 51 32.6	12.0	4.86	
		SS	15 00 49.4	-1.1				PMZ	$m_B = 6.3$	-0.9		
		LE	$M_S = 6.2$	18.0	16.5			S	14 59 48.0	18.0	6.90	
		LZ	$M_S = 6.4$	18.0	32.0			LN	$M_S = 6.1$	16.0	4.24	
SSE	50.3 272	+iP	14 50 17.0	-0.3				LE		14 51 34.7	-1.0	
		PMZ	$m_b = 5.4$	1.5	0.079	WMQ	61.2 305	+iP	14 51 34.7	6.0	3.70	
		PMZ	$m_B = 6.7$	5.0	5.50			PMZ	$m_B = 6.5$	2.7		
		PP	14 52 16.0	3.0				PcP	14 52 20.0	-0.7		
		S	14 57 31.0	3.2				PP	14 53 51.0	2.7		
		LN	$M_S = 6.0$	17.0	7.60			S	14 59 55.0	5.5		
		LE		16.0	3.20			sS	15 00 09.0	16.0	15.4	
		LZ	$M_S = 5.9$	20.0	11.2			LN	$M_S = 6.5$	16.0	11.1	
BTO	50.9 289	P	14 50 23.0	0.8				LE		18.0	42.2	
		ePP	14 52 21.5	3.0				LZ	$M_S = 6.6$	14 51 35.2	-0.7	
		S	14 57 37.0	0.7				eP	14 51 35.2	1.4	0.71	
		LN	$M_S = 6.6$	16.0	22.4	CD2	61.2 284	PMZ	$m_b = 6.4$	5.0	4.03	
		LE		16.0	21.0			PMZ	$m_B = 6.6$	-0.4		
		LZ	$M_S = 6.3$	17.0	24.2			PcP	14 52 17.0	2.1		
NJ2	51.1 274	+iP	14 50 23.5	0.0				PP	14 53 54.0	-4.2		
		PMZ	$m_B = 6.6$	6.0	5.59			eS	14 59 49.8	15.5	11.8	
		sP	14 50 33.0	0.8				LN	$M_S = 6.3$	18.0	10.9	
		S	14 57 39.0	0.1				LZ	$M_S = 6.0$	-0.8		
		LN	$M_S = 6.2$	16.0	9.05	GYA	62.6 279	+iP	14 51 44.6	5.0	5.10	
		LE		17.0	10.4			PMZ	$m_B = 6.7$	-4.1		
		LZ	$M_S = 5.8$	22.0	10.4			PcP	14 52 19.0	1.6		
TIY	51.3 284	+iP	14 50 25.5	0.4				S	15 00 12.0	20.0	14.6	
		PMZ	$m_B = 6.8$	5.0	7.22			LN	$M_S = 6.6$	20.0	20.4	
		pP	14 50 35.5	4.6				LE		22.0	9.70	
		S	14 57 42.0	0.3				LZ	$M_S = 5.9$	14 52 07.0	-0.4	
		LE	$M_S = 6.4$	19.0	21.9	KMI	66.0 281	+P	14 52 07.0	5.0	4.90	
		LZ	$M_S = 6.3$	20.0	31.3			PMZ	$m_B = 6.7$	1.2		
WHN	55.0 276	+eP	14 50 51.0	-1.0				PP	14 54 35.0	3.9		
		PMZ	$m_b = 6.2$	1.2	0.43			S	15 00 56.0	15.0	7.60	
		PMZ	$m_B = 6.8$	5.0	7.50			LE		15.0	5.90	
		sP	14 51 01.0	0.2				LZ	$M_S = 5.9$	20.0	15.8	
		S	14 58 30.0	-1.0				+P	14 52 08.0	0.0		
		LE	$M_S = 6.2$	20.0	12.9	QZN	66.1 271	pP	14 52 18.0	4.0		
		LZ	$M_S = 5.7$	24.0	8.88			PP	14 54 34.0	-0.9		
XAN	55.9 283	+iP	14 50 58.0	-0.8				S	15 01 00.0	6.5		
		PMZ	$m_b = 6.1$	1.5	0.37			LN	$M_S = 6.3$	17.0	14.8	
		PMZ	$m_B = 6.5$	5.0	3.57			LE	$M_S = 6.5$	1.7		
		sP	14 51 12.0	4.4				+P	14 52 31.8	2.5		
		S	14 58 39.0	-4.6				sP	14 52 41.0	5.0		
		LN	$M_S = 6.4$	17.0	4.60	LSA	69.6 292	S	15 01 40.0	16.0	5.60	
		LE		15.0	14.3			LN	$M_S = 6.2$			

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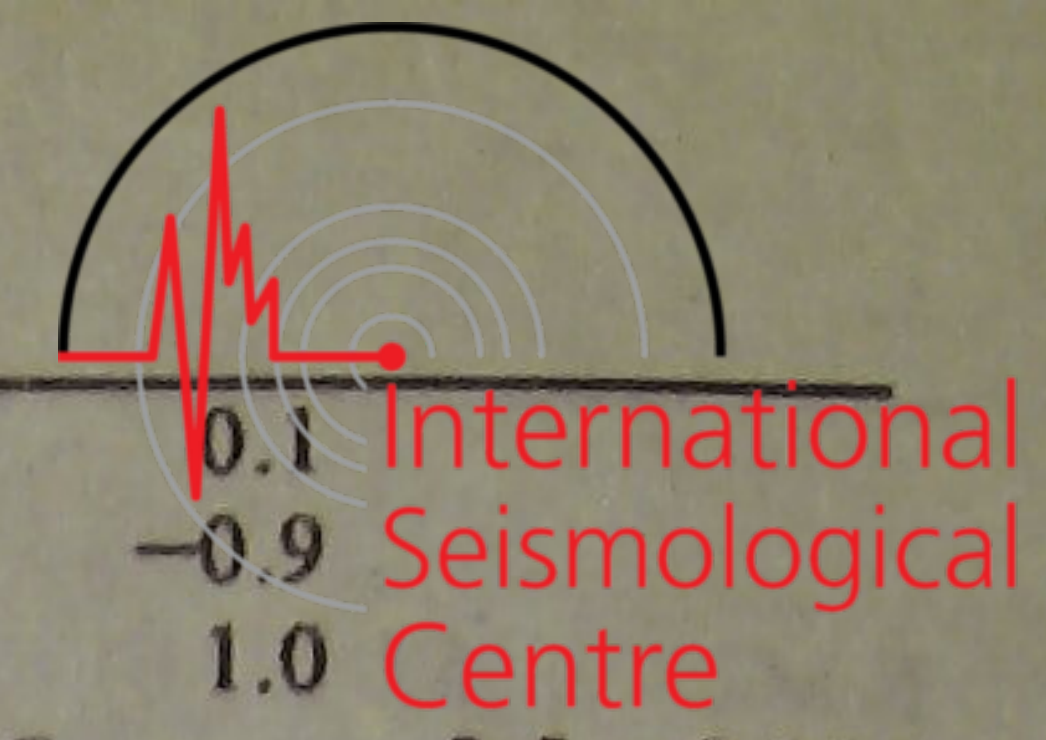


MAR 12d 23h 18m 14.4 ± 0.05s, SD1.19 / 173 13.20 S ± 1.01km, 166.99 E ± 1.07km, h161 ± 0.41km Vanuatu (New Hebrides) (186)					MAR 13d 00h 02m 52.3 ± 0.03s, SD1.15 / 168 23.99 N ± 0.69km, 145.07 E ± 0.63km, h30 ± 0.08km Volcano Islands region (213)										
WMQ	19.8	290	eP	23 12 31.0	1.4					PMZ			m _b = 5.6	1.2	0.19
			Pg	23 09 54.8	-2.4					sP	00 08 30.5		0.8		
			SMN		M _L = 3.6	0.9	0.040			S	00 12 43.0		5.2		
			SME			1.0	0.020			sS	00 12 57.0		4.5		
										LN			M _S = 4.9	14.0	1.86
										LZ			M _S = 4.6	16.0	1.35
										CN2	25.5	326	-P	00 08 19.5	-0.4
										PMZ			m _b = 5.4	1.0	0.10
										sP	00 08 32.0		-0.2		
										eS	00 12 43.0		0.0		
										LN			M _S = 5.0	14.0	2.00
										LE				14.0	1.00
										LZ			M _S = 4.8	16.0	2.40
										TIA	27.0	303	P	00 08 33.3	-0.3
										S	00 13 07.0		0.5		
										LN			M _S = 4.8	14.0	1.14
										LE				14.0	0.53
										WHN	28.0	290	+P	00 08 44.0	0.9
										PMZ			m _b = 5.3	1.0	0.060
										pP	00 08 54.5		2.8		
										S	00 13 24.0		0.6		
										LN			M _S = 4.9	12.0	1.31
										LZ			M _S = 4.5	20.0	1.25
										BJI	29.1	310	eP	00 08 51.0	-1.7
										PMZ			m _b = 4.9	1.5	0.038
										eS	00 13 39.0		-2.3		
										esS	00 13 56.0		0.2		
										LN			M _S = 4.6	12.0	0.65
										TIY	31.0	304	eP	00 09 09.4	-0.4
										pP	00 09 19.0		0.7		
										S	00 14 17.5		6.7		
										LN			M _S = 5.1	18.0	2.73
										LZ			M _S = 4.8	20.0	2.00
										HHC	32.7	309	P	00 09 23.6	-0.7
										S	00 14 35.9		-0.6		
										LZ			M _S = 4.7	24.0	2.02
										XAN	33.0	296	P	00 09 26.3	-1.1
										S	00 14 45.5		3.4		
										LN			M _S = 4.7	15.0	0.81
										QZN	33.1	268	eP	00 09 26.0	-1.9
										eS	00 14 45.0		0.8		
										LN			M _S = 5.0	12.5	1.30
										BTO	33.7	308	eP	00 09 32.5	-0.6
										epP	00 09 41.5		-0.3		
										eS	00 14 53.5		0.0		
										LN			M _S = 4.9	14.0	1.00
										LE				14.0	0.60
										GYA	34.7	282	-P	00 09 43.2	0.8
										pP	00 09 52.0		1.0		
										S	00 15 11.0		2.0		
										LN			M _S = 4.8	13.0	0.70
										LE				13.0	0.60
										CD2	37.1	290	eP	00 10 02.5	-0.1
										PMZ			m _b = 5.4	1.1	0.080
										eS	00 15 40.0		-7.0		
										LN			M _S = 5.1	13.0	1.58
										LZH	37.4	299	eP	00 10 05.0	0.0
										PMZ			m _b = 5.3	1.5	0.075
										pP	00 10 13.0		-0.6		
										eS	00 15 50.0		-1.3		
										LZ			M _S = 4.5	26.0	0.90
										KMI	38.4	281	-P	00 10 14.5	1.2
										PMZ			m _b = 5.4	1.5	0.10
										pP	00 10 23.5		1.6		
										S	00 16 08.0		3.0		
										LZ			M _S = 4.6	20.0	0.90
										GTA	41.0	303	-P	00 10 35.0	0.0
										LZ			M _S = 4.7	18.0	0.95

LSA	48.1	289	P	00 11 34.0	1.9		
WMQ	50.5	308	-iP	00 11 50.7	0.4		
			S	00 19 03.5	3.4		
			LZ	$M_S=4.9$	24.0	1.47	
KSH	59.5	303	P	00 12 57.0	1.5		
MAR 13d 00h 32m 57.9 ± 0.03s, SD0.88 / 376 73.36 N ± 0.47km, 134.91 E ± 0.56km, h17 ± 0.02km Laptev Sea (655) $M_S 5.5 / 44, m_b 5.4 / 104,$							
MDJ	28.9	188	-P	00 38 59.0	0.2		
			PMZ	$m_b=5.4$	0.8	0.060	
			pP	00 39 04.5	-0.7		
			LN	$M_S=5.3$	10.0	2.71	
CN2	30.0	194	-P	00 39 07.7	-0.4		
			PMZ	$m_b=5.6$	1.0	0.10	
			pP	00 39 13.0	-1.6		
			eS	00 44 00.0	-4.1		
			LN	$M_S=5.5$	9.0	2.40	
			LE		9.0	2.70	
			LZ	$M_S=5.4$	9.0	4.30	
SNY	32.1	196	eP	00 39 25.8	-0.8		
			PMZ	$m_b=5.5$	1.5	0.11	
			sP	00 39 32.6	-3.6		
			eS	00 44 37.0	0.0		
			LN	$M_S=5.3$	10.0	1.14	
			LE		11.0	2.60	
			LZ	$M_S=4.7$	13.0	0.95	
HHC	34.5	212	-P	00 39 47.5	0.1		
			S	00 45 13.7	0.5		
			LN	$M_S=5.5$	11.0	3.10	
			LE		10.0	1.64	
			LZ	$M_S=5.5$	16.0	6.53	
BJI	34.6	206	-P	00 39 49.0	0.5		
			PMZ	$m_b=5.7$	1.0	0.12	
			pP	00 39 54.5	-0.6		
			ePcP	00 42 23.0	0.6		
			eS	00 45 16.0	-0.4		
			LN	$M_S=5.4$	12.0	2.90	
			LZ	$M_S=5.5$	14.0	5.60	
BTO	34.9	214	eP	00 39 51.0	-0.6		
			esP	00 39 58.5	-2.6		
			ePP	00 41 07.0	-1.9		
			eS	00 45 21.0	-0.9		
			LN	$M_S=5.6$	12.0	4.20	
			LE		10.0	1.40	
			LZ	$M_S=5.3$	10.0	2.80	
DL2	35.1	198	eP	00 39 54.0	0.9		
			PMZ	$m_b=5.7$	0.8	0.11	
			S	00 45 23.0	-0.8		
			LN	$M_S=5.3$	10.0	1.70	
			LE		10.0	1.40	
			LZ	$M_S=5.3$	10.0	2.60	
WMQ	36.6	243	-iP	00 40 06.2	0.2		
			S	00 45 51.0	3.9		
			LN	$M_S=5.4$	10.0	1.37	
			LE		11.0	2.32	
			LZ	$M_S=5.3$	16.0	4.02	
TIY	37.4	210	eP	00 40 12.5	0.2		
			pP	00 40 18.7	-0.1		
			S	00 45 55.0	-3.5		
			LN	$M_S=5.6$	13.0	4.96	
			LZ	$M_S=5.7$	15.0	8.63	
GTA	38.0	226	-iP	00 40 17.2	-0.2		
			LN	$M_S=5.5$	12.0	3.23	
			LZ	$M_S=5.5$	12.0	4.51	
TIA	38.3	204	eP	00 40 19.1	-0.5		
			LN	$M_S=5.4$	14.5	2.97	

LZH	40.4	220	-iP	00 40 38.0	0.5		
			PMZ	$m_b=5.6$	1.0	0.12	
			pP	00 40 44.0	0.1		
			eS	00 46 45.0	-0.3		
			LN	$M_S=5.6$	12.0	3.66	
			LE		14.0	1.30	
			LZ	$M_S=5.6$	12.0	5.60	
XAN	41.5	213	P	00 40 46.0	-0.6		
			S	00 47 02.0	1.3		
			LN	$M_S=5.6$	10.0	2.80	
NJ2	42.2	200	-P	00 40 52.2	0.2		
			PMZ	$m_b=5.4$	1.0	0.060	
			pP	00 40 57.5	-1.1		
			eS	00 47 10.0	-1.5		
			LN	$M_S=5.4$	12.0	1.79	
			LE		10.0	0.94	
			LZ	$M_S=4.9$	14.0	1.18	
SSE	42.9	197	+iP	00 40 58.5	0.5		
			PMZ	$m_b=5.6$	1.0	0.099	
			pP	00 41 03.3	-1.3		
			LN	$M_S=5.4$	12.0	2.00	
			LE		12.0	0.70	
			LZ	$M_S=5.1$	16.0	1.90	
KSH	43.8	253	P	00 41 06.0	0.7		
			eS	00 47 35.0	-0.3		
			LN	$M_S=5.9$	13.0	7.50	
			LZ	$M_S=5.9$	12.0	8.70	
WHN	44.2	206	-P	00 41 08.2	-0.1		
			PMZ	$m_b=5.4$	0.5	0.030	
			pP	00 41 13.5	-1.4		
			eS	00 47 40.0	-0.6		
			LN	$M_S=5.6$	14.0	2.82	
			LE		12.0	1.46	
			LZ	$M_S=5.1$	18.0	1.94	
CD2	45.5	219	P	00 41 18.4	-0.1		
			LN	$M_S=5.5$	13.0	2.46	
			LZ	$M_S=5.2$	14.0	1.87	
LSA	49.2	233	P	00 41 50.4	2.0		
QZH	49.3	200	eP	00 41 46.0	-2.2		
			LN	$M_S=5.5$	14.0	2.17	
GYA	49.3	214	-P	00 41 48.8	0.0		
			pP	00 41 54.0	-1.2		
			PcP	00 43 11.6	0.8		
			LN	$M_S=5.5$	13.0	2.10	
			LE		15.0	1.30	
			LZ	$M_S=5.2$	16.0	1.80	
KMI	51.3	218	-P	00 42 03.0	-0.7		
			PMZ	$m_b=5.7$	1.0	0.10	
			pP	00 42 08.5	-1.6		
			LN	$M_S=5.7$	13.0	2.30	
			LE		12.0	2.10	
			LZ	$M_S=5.6$	14.0	4.20	
QZN	56.1	209	eP	00 42 39.2	-0.3		
			eS	00 50 26.0	-0.5		
			LN	$M_S=5.8$	15.0	3.30	
			LE		16.0	2.00	

MAR 13d 01h 04m 50.7 ± 0.09s, SD1.19 / 72 16.46 S ± 1.49km, 172.54 W ± 0.71km, h32 ± 0.30km Tonga (173) $M_S 5.4 / 1, m_b 5.0 / 13,$							
MDJ	80.4	322	eP	01 17 00.0	-1.2		
CN2	82.4	320	eP	01 17 13.0	1.1		
			PMZ	$m_b=4.8$	1.0	0.010	
			pP	01 17 20.0	-1.3		
			eS	01 27 27.0	1.8		
			LN	$M_S=5.4$	16.0	0.40	
			LE		16.0	0.70	



LZH	35.8 334	eScS	04 00 05.0	3.7	1.5	0.49	CD2	42.5 337	eP	13 40 49.0	0.1	International Seismological Centre		
		P	03 51 00.0	0.6			XAN	43.7 344	P	13 40 57.6	-0.9			
		PMZ	$m_b = 5.9$				LZH	47.1 340	+P	13 41 26.7	1.0			
		sP	03 53 50.0	-3.9				PMZ	$m_b = 4.7$		2.5		0.054	
		S	03 55 56.0	1.1			LSA	47.8 323	P	13 41 32.8	1.5			
		SME		6.0			1.20	BJI	48.2 354	eP	13 41 33.5		-0.5	
		ScP	03 55 58.5	4.1					PMZ	$m_b = 4.5$			1.0	0.012
		SS	03 59 06.0	1.1			GTA	51.5 338	eP	13 41 59.0	-0.3			
		ScS	04 00 04.0	2.5			MDJ	52.9 7	eP	13 42 08.5	-1.5			
		SNY	37.1 1	-iP			03 51 09.2	-0.4						
		PMZ	$m_b = 5.1$		1.2	0.063	MAR 14d 14h 44m 08.9 ± 0.20s, SD3.81 / 5 36.91 N ± 1.30km, 76.98 E ± 1.29km, h10 ± km Kashmir-Xinjiang border region (324) M_L 3.5 / 3,							
		iS	03 56 11.0	-3.6			KSH	2.7 343	Pg	14 44 57.5	0.1			
		SME		18.0	1.30				Sg	14 45 34.5	-0.1			
HHC	37.4 346	P	03 51 13.0	0.3					SMN	$M_L = 3.1$	0.3	0.10		
BTO	37.6 344	P	03 51 14.0	0.0					SME		0.3	0.10		
		S	03 56 21.5	0.2										
LSA	38.8 314	-iP	03 51 26.4	1.9			MAR 14d 17h 39m 21.5 ± 0.05s, SD2.17 / 82 36.84 N ± 1.07km, 73.07 E ± 0.78km, h22 ± 0.09km Afghanistan-USSR border region (717) M_S 4.5 / 7, M_L 4.7 / 1, m_b 4.5 / 15							
		PP	03 53 14.0	0.3										
		iS	03 56 40.0	-1.3										
CN2	39.1 3	+P	03 51 25.0	-1.2										
		PMZ	$m_b = 4.8$		1.0	0.030								
		PcP	03 53 19.4	0.4										
		ScP	03 56 10.0	3.1			KSH	3.5 39	Pn	17 40 20.0	4.9			
		eS	03 56 48.0	-1.4					Sn	17 41 00.5	3.1			
		ScS	04 00 24.0	3.2					LN		3.0	26.7		
MDJ	40.3 8	+iP	03 51 35.6	-0.2					LZ	$M_S = 4.8$	8.0	12.0		
		PMZ	$m_b = 5.7$		1.0	0.23								
		SME		15.0	1.60									
GTA	40.4 332	-iP	03 51 37.0	0.8										
		PcP	03 53 24.4	1.4										
		ScP	03 56 15.0	3.3										
		S	03 57 01.0	0.0										
		PcS	03 57 14.0	2.9										
		ScS	04 00 29.7	1.5										
WMQ	49.7 327	-iP	03 52 47.8	0.1										
		PcP	03 53 56.7	0.5										
		pP	03 54 42.0	1.1										
		ScP	03 56 55.0	4.6										
		S	03 59 13.5	2.5										
		ScS	04 01 30.0	0.9										
		sS	04 02 33.0	-0.9										
KSH	54.6 316	+P	03 53 23.0	0.5										
		pP	03 55 22.0	2.7										
		S	04 00 20.0	4.5										
		SMN		6.0	1.10									
		ScS	04 02 08.0	4.4										
MAR 14d 08h 46m 15.2 ± 0.06s, SD2.26 / 9 41.72 N ± 0.67km, 80.05 E ± 0.46km, h28 ± 0.27km Kirgiziya-Xinjiang border region (320) M_L 3.7 / 7,														
KSH	3.8 236	Pg	08 47 23.7	0.4										
		Sg	08 48 18.5	2.8										
		SMN	$M_L = 3.9$	0.7	0.30									
		SME		0.7	0.30									
WMQ	6.0 67	ePn	08 47 41.0	-1.9										
		SMN	$M_L = 3.7$	1.0	0.066									
		SME		0.8	0.042									
MAR 14d 13h 33m 08.9 ± 0.03s, SD1.09 / 55 8.10 S ± 0.40km, 121.79 E ± 0.69km, h173 ± 0.11km Flores region (286) m_b 5.0 / 14,														
GYA	37.4 337	P	13 40 08.8	1.8										
WHN	39.1 350	+P	13 40 23.0	1.9										
NJ2	40.0 356	+P	13 40 30.0	1.1										
MAR 14d 19h 11m 55.6 ± 0.09s, SD1.62 / 95 22.67 S ± 1.20km, 169.91 E ± 1.19km, h46 ± 0.40km Loyalty Islands region (189) m_b 5.0 / 12,														
SSE	71.0 317	P	19 23 11.0	-0.2										
		PMZ	$m_b = 5.0$		1.3	0.026								
NJ2	73.1 316	+P	19 23 23.6	-0.2										
WHN	75.1 313	eP	19 23 35.5	0.1										
MDJ	76.4 332	eP	19 23 41.5	-1.4										
TIA	76.9 319	-P	19 23 45.0	-0.7										

WHN	16.7	68	LE	$M_s=4.3$	14.0	1.13
			LZ	$M_s=4.0$	12.0	0.60
			eP	19 29 44.0	2.0	
			sP	19 29 56.5	5.4	
			eS	19 32 46.0	-0.4	
TIY	18.4	44	LN	$M_s=4.4$	8.0	0.42
			LE		10.0	0.61
			eP	19 30 04.3	1.2	
			LN	$M_s=4.3$	8.0	0.45
			LZ	$M_s=4.2$	12.0	0.60
BTO	19.0	34	eP	19 30 07.5	-3.1	
			epP	19 30 15.0	-0.8	
			eS	19 33 31.0	-7.6	
			LN	$M_s=4.7$	11.0	1.00
			LE		10.0	1.10
WMQ	19.7	341	eP	19 30 19.2	0.3	
HHC	19.9	36	P	19 30 20.0	-1.6	
NJ2	20.8	66	+P	19 30 34.0	3.8	
			pP	19 30 40.5	4.2	
			LZ	$M_s=3.9$	13.0	0.30
BJI	22.1	44	eP	19 30 41.5	-2.0	
			eS	19 30 46.0	-2.1	
			eS	19 34 45.0	-5.2	
SSE	22.6	70	LN	$M_s=4.4$	10.0	0.50
			LZ	$M_s=4.0$	14.0	0.40

MAR 16d 07h 08m $41.4 \pm 0.05s$, SD1.82 / 29
 39.81 N $\pm 0.55km$, 118.60 E $\pm 0.44km$, h26 $\pm 0.10km$
 North-Eastern China (658)
 $M_L 3.9 / 26$,

BJI	1.9	278	ePn	07 09 11.5	-0.9	
			Pg	07 09 13.5	-1.4	
			Sg	07 09 37.5	-3.3	
			SMN	$M_L=4.4$	0.5	3.55
			SME		0.5	3.83
DL2	2.5	110	Pn	07 09 23.2	2.2	
			Pg	07 09 29.4	3.5	
			Sg	07 10 03.6	3.2	
			SMN	$M_L=3.5$	0.8	0.34
			SME		0.8	0.23
SNY	4.3	60	ePn	07 09 47.4	2.1	
			Pg	07 10 02.2	5.2	
			Sn	07 10 36.3	0.1	
			Sg	07 11 00.0	4.4	
			SMN	$M_L=3.9$	1.0	0.28
TIY	5.3	248	SME		0.8	0.16
			ePg	07 10 14.3	-0.1	
			SMN	$M_L=4.0$	0.7	0.17
			SME		0.8	0.17
			+Pg	07 10 19.1	0.7	
HHC	5.5	283	Sg	07 11 30.4	-2.8	
			SMN	$M_L=3.8$	0.6	0.088
			SME		0.6	0.10
			Pn	07 10 12.2	-3.5	
			-Pg	07 10 40.8	4.9	
CN2	6.5	50	Sn	07 11 30.0	-0.9	
			Sg	07 12 06.4	1.8	
			SMN	$M_L=4.2$	1.0	0.16
			SME		1.0	0.14
			Pg	07 10 38.6	0.0	
BTO	6.6	280	Sg	07 12 05.6	-3.3	
			SMN	$M_L=3.5$	0.8	0.030
			SME		0.8	0.020

MAR 16d 11h 43m $57.9 \pm 0.04s$, SD1.10 / 106
 4.43 N $\pm 0.51km$, 126.25 E $\pm 0.78km$, h105 $\pm 0.32km$
 Talaud Islands (263)
 $m_b 5.1 / 28$,

QZN	21.6	313	eP	11 48 41.5	0.6	
			LN			12.0 0.50
QZH	21.7	341	eP	11 48 41.1	-0.4	
SSE	27.0	350	P	11 49 31.2	-0.5	
			PMZ	$m_b=4.4$		1.0 0.010
WHN	28.3	338	-P	11 49 44.0	0.1	
			pP	11 50 12.0	5.3	
NJ2	28.3	347	-P	11 49 44.5	0.2	
GYA	28.8	321	P	11 49 49.4	0.6	
KMI	30.6	315	eP	11 50 05.5	1.2	
XAN	33.6	333	+P	11 50 28.6	-1.7	
CD2	33.8	324	P	11 50 32.4	0.2	
DL2	34.6	354	-P	11 50 39.0	0.3	
TIY	35.5	341	+P	11 50 46.0	-0.3	
BJI	36.6	347	eP	11 50 55.0	-0.9	
			PMZ	$m_b=5.5$		1.0 0.085
SNY	37.3	357	+iP	11 51 02.0	0.1	
			PMZ	$m_b=5.9$		1.0 0.20
LZH	37.7	330	+P	11 51 05.0	0.0	
			PMZ	$m_b=5.4$		1.5 0.10
			LZ			25.0 0.37
HHC	38.6	342	-P	11 51 13.0	0.4	
BTO	38.9	340	eP	11 51 14.2	-0.7	
CN2	39.2	359	+P	11 51 17.6	-0.1	
MDJ	40.1	4	+P	11 51 25.0	-0.3	
GTA	42.3	329	P	11 51 42.4	-0.5	
WMQ	51.9	325	P	11 52 56.5	-1.7	

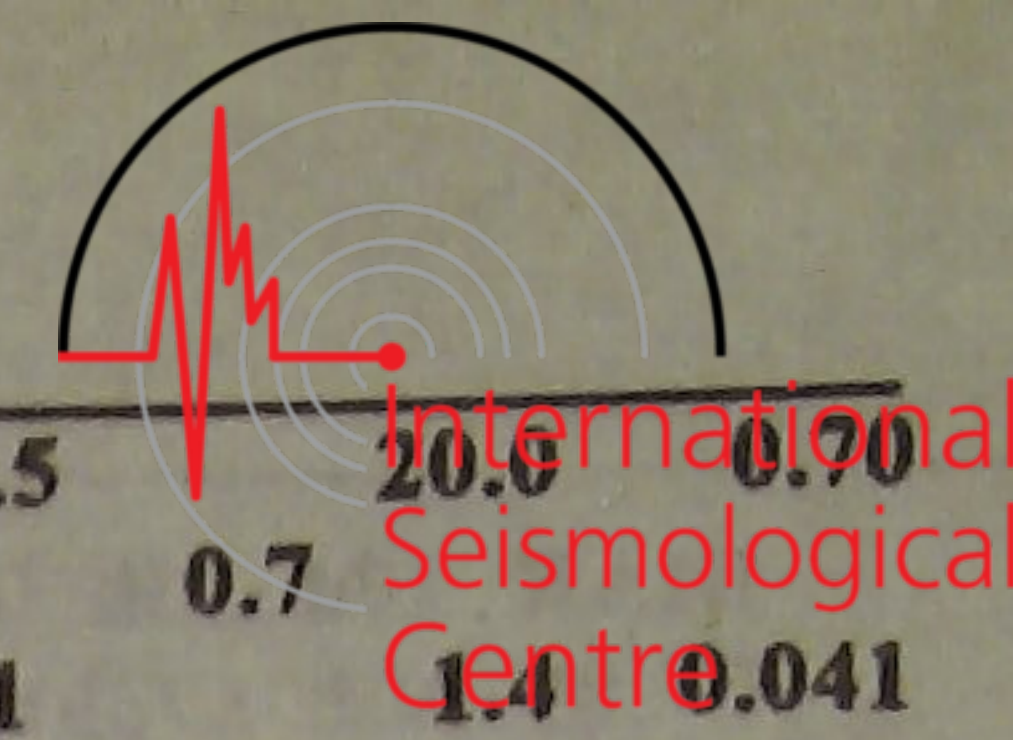
MAR 16d 15h 52m $42.3 \pm 0.03s$, SD1.32 / 148
 24.95 N $\pm 0.85km$, 108.98 W $\pm 0.84km$, h9 $\pm 0.24km$
 Gulf of California (49)
 $M_s 6.0 / 4$, $m_b 5.3 / 35$,

CN2	95.3	324	eP	16 06 10.5	1.4	
			pP	16 06 17.5	3.2	
			PP	16 10 07.0	6.6	
			eS	16 17 27.0	4.4	
			SMN			0.8 0.50
SNY	97.7	323	LN	$M_s=5.8$	19.0	1.40
			LE		19.0	1.30
			LZ	$M_s=5.6$	23.0	2.60
			eP	16 06 20.6	0.9	
			SKS	16 16 59.0	3.6	
LZH	111.8	332	S	16 17 44.0	3.3	
			SMN		24.0	1.94
			SME		24.0	0.96
			LN	$M_s=5.9$	29.0	3.58
			LZ	$M_s=5.6$	28.0	2.60
GYA	118.4	324	ePKP	16 11 19.0	0.2	
			PP	16 12 04.0	-0.6	
			PPMZ		2.5 0.080	
			PKS	16 14 55.0	2.0	
			LN	$M_s=6.5$	20.0	3.73
LZ			LE		17.0	4.20
			LZ	$M_s=6.2$	25.0	7.12
			ePKP	16 11 32.2	0.7	

MAR 16d 16h 33m $45.5 \pm 0.03s$, SD1.27 / 148
 23.78 N $\pm 0.72km$, 123.41 E $\pm 0.58km$, h34 $\pm 0.23km$
 Taiwan region (243)
 $M_s 4.7 / 27$, $M_L 4.4 / 10$, $m_b 5.1 / 53$

QZH	4.5	286	-iP	16 34 52.5	-1.2	
			S	16 35 39.8	-6.1	
			SMN	$M_L=4.4$	0.6	0.77
			SME		0.5	0.51
SSE	7.5	345	LE	$M_s=3.9$	14.0	2.31
			LZ	$M_s=3.9$	18.0	2.66
			P	16 35 35.5	-0.5	
			PMZ	$m_b=5.5$	0.7	0.15

<p>MAR 17d 15h 00m 59.1±0.08s, SD3.22 / 11 37.89 N±0.73km, 75.89 E±1.18km, h15±km Tadzhikistan-Xinjiang border region (719) M_L3.9 / 4,</p>							TIA	84.9	8	eP	22 42 44.5	0.0			
<p>KSH 1.6 0 +iPg 15 01 32.0 3.9 Sg 15 01 52.0 1.8 SMN M_L=3.9 0.2 1.70 SME 0.2 1.30</p>							TIY	86.1	5	eP	22 42 48.5	-1.7			
										pP	22 42 53.0	-2.5			
<p>WMQ 10.7 53 eP 15 03 35.4 -0.3 S 15 05 31.5 -4.6 SMN 1.0 0.0090 SME 0.8 0.088</p>										eS	22 53 26.0	2.2			
										LN			M _g =5.2	11.0	0.32
<p>MAR 18d 16h 48m 58.3±0.06s, SD1.15 / 49 6.21 N±0.46km, 125.49 E±0.69km, h64±0.45km Mindanao (259) m_b4.6 / 6,</p>							GTA	87.8	355	eP	22 42 57.0	-1.8			
										LZ			M _g =5.0	24.0	0.82
<p>GYA 27.0 320 eP 16 54 37.6 1.2 XAN 31.7 333 P 16 55 16.0 -2.1 CD2 31.9 323 eP 16 55 20.3 -0.2 TIY 33.5 341 eP 16 55 37.2 2.8 BJI 34.7 347 P 16 55 45.5 1.1 SNY 35.5 358 eP 16 55 50.0 -1.2 LZH 35.7 329 eP 16 55 53.5 0.0 pP 16 56 07.8 -0.5 sP 16 56 12.5 -2.6 CN2 37.4 360 eP 16 56 07.0 -0.5 LSA 39.9 310 P 16 56 28.8 0.4 GTA 40.3 329 eP 16 56 31.0 -0.8</p>							BJI	88.7	7	eP	22 43 02.5	-0.1			
										eSKS	22 53 29.0	0.4			
<p>MAR 18d 22h 30m 06.8±0.05s, SD1.44 / 78 48.60 S±1.20km, 106.73 E±1.43km, h9±0.29km South-East Indian Ridge (435) M_S5.6 / 6, m_B5.7 / 1, m_b5.2 / 6</p>										eS	22 53 46.0	-1.9			
										LZ			M _g =5.0	22.0	0.62
<p>KMI 73.5 356 -P 22 41 43.0 0.4 PMZ m_b=5.5 2.0 0.10 sP 22 41 52.0 1.6 eS 22 51 18.0 6.2 LN M_S=5.6 18.0 1.80 LZ M_S=5.3 26.0 2.30</p>							BTO	88.9	3	eP	22 43 06.0	2.3			
										HHC	89.2	4	eP	22 43 05.0	-0.2
<p>GYA 74.7 360 P 22 41 50.0 0.4 S 22 51 30.0 6.4 LN M_S=5.6 20.0 1.30 LE 20.0 1.70 LZ M_S=5.1 20.0 0.90</p>							KSH	91.9	337	P	22 43 20.0	2.2			
										CN2	93.5	13	eP	22 43 25.0	0.0
<p>WHN 79.1 7 eP 22 42 15.0 1.1 eS 22 52 08.0 -4.5 sS 22 52 18.0 -3.4 LN M_S=5.5 18.0 1.39 LZ M_S=5.0 20.0 0.75</p>							WMQ	93.5	346	P	22 43 26.3	1.0			
										ePP	22 47 11.0	-0.6			
<p>LSA 79.2 346 eP 22 42 17.0 2.0 CD2 79.2 357 eP 22 42 14.3 -0.3 eS 22 52 14.0 0.1 LZ M_S=5.2 23.0 1.47</p>										LZ			M _S =5.7	32.0	3.93
										QZN	57.5	50	eP	23 29 20.0	-0.1
<p>SSE 80.4 13 eP 22 42 21.0 0.1 S 22 52 26.0 1.4 LZ M_S=4.9 20.0 0.50</p>										eS	23 37 15.0	-0.1			
										KSH	60.0	8	P	23 29 38.0	0.2
<p>XAN 82.3 2 P 22 42 30.7 -0.3 LZH 84.4 358 eP 22 42 41.6 -0.1 PMZ m_b=5.5 2.5 0.10 PMZ m_B=5.7 5.0 0.39 sP 22 42 47.5 -1.9 PP 22 45 53.0 -4.0 eSKS 22 53 01.6 1.1 LN M_S=5.7 19.0 1.69 LE 18.0 0.99 LZ M_S=5.6 21.0 2.50</p>										S	23 36 45.0	5.6			
										KMI	57.1	39	-P	23 29 18.0	0.6
<p>WMQ 66.5 16 +iP 23 30 20.6 -0.1 PMZ 3.0 0.37 sS 23 39 20.0 -0.9 LZ M_S=5.2 16.0 1.11</p>										PMZ			m _B =5.8	4.0	0.50
<p>GTA 66.9 27 +iP 23 30 22.8 -0.2 S 23 39 14.0 1.8 LZ M_S=4.8 20.0 0.60</p>										S	23 37 13.0	4.6			
<p>XAN 67.2 37 P 23 30 24.3 -1.0 WHN 68.1 43 -P 23 30 31.5 0.8 PMZ m_b=5.7 1.5 0.15 sP 23 30 41.5 0.7 eS 23 39 30.0 1.5</p>										LZ			M _S =4.9	22.0	1.10
<p>TIY 71.8 37 eP 23 30 53.1 -0.6 pP 23 31 01.0 0.5 PP 23 33 37.0 3.1</p>										LZ					
<p>MAR 18d 23h 19m 29.2±0.04s, SD1.02 / 366 20.16 S±1.34km, 66.73 E±0.85km, h18±0.12km Mascarene Islands region (427) M_S5.3 / 7, m_B5.7 / 2, m_b5.7 / 87</p>															
<p>LSA 54.9 26 P 23 29 03.6 1.6 PMZ m_B=5.8 4.0 0.50 S 23 36 45.0 5.6</p>															
<p>KMI 57.1 39 -P 23 29 18.0 0.6 PMZ m_b=5.7 2.0 0.20 S 23 37 13.0 4.6</p>															
<p>QZN 57.5 50 eP 23 29 20.0 -0.1 eS 23 37 15.0 -0.1</p>															
<p>KSH 60.0 8 P 23 29 38.0 0.2 eS 23 37 50.0 1.9</p>															
<p>GYA 60.4 41 -P 23 29 40.2 -0.4 PMZ m_b=5.7 1.8 0.20 pP 23 29 48.0 0.6</p>															
<p>CD2 62.0 36 eP 23 29 50.2 -1.1 PMZ m_b=5.9 1.7 0.29 eS 23 38 17.0 3.3</p>															
<p>GZH 62.6 49 eP 23 29 55.3 0.2 eS 23 38 23.0 2.3</p>															
<p>LZH 66.1 32 eP 23 30 17.5 -0.5 PMZ m_b=5.6 2.5 0.19 PMZ 3.0 0.41 sP 23 30 30.0 2.2 PP 23 32 50.0 5.4 eS 23 39 04.0 -0.2</p>															
<p>WMQ 66.5 16 +iP 23 30 20.6 -0.1 PMZ 3.0 0.37 sS 23 39 20.0 -0.9 LZ M_S=5.2 16.0 1.11</p>															
<p>GTA 66.9 27 +iP 23 30 22.8 -0.2 S 23 39 14.0 1.8 LZ M_S=4.8 20.0 0.60</p>															
<p>XAN 67.2 37 P 23 30 24.3 -1.0 WHN 68.1 43 -P 23 30 31.5 0.8 PMZ m_b=5.7 1.5 0.15 sP 23 30 41.5 0.7 eS 23 39 30.0 1.5</p>															
<p>TIY 71.8 37 eP 23 30 53.1 -0.6 pP 23 31 01.0 0.5 PP 23 33 37.0 3.1</p>															



BTO	72.6	33	P	23 30	58.0	-0.4				
SSE	73.0	47	P	23 31	00.6	0.1				
TIA	73.6	41	eP	23 31	03.2	-0.6				
HHC	73.6	34	P	23 31	04.0	-0.2				
BJI	75.6	37	eP	23 31	14.5	-0.8				
SNY	81.0	39	-P	23 31	44.4	-0.9				
CN2	83.3	39	+iP	23 31	55.6	-1.5				
MDJ	86.2	40	eP	23 32	10.5	-1.2				
<p>MAR 19d 00h 22m 04.4 ± 0.07s, SD2.58 / 22 24.95 N ± 1.06km, 125.45 E ± 1.24km, h42 ± 0.46km South-western Ryukyu Islands (246) M_L3.6 / 2, m_b4.1 / 5,</p>										
SSE	7.2	329	eP	00 23	49.5	-0.3				
TIY	16.9	322	eP	00 26	02.6	3.1				
SNY	16.9	355	+P	00 26	01.8	2.0				
BJI	16.9	335	P	00 26	02.0	1.8				
CD2	20.1	292	eP	00 26	34.2	-3.0				
<p>MAR 19d 02h 04m 45.6 ± 0.05s, SD2.30 / 10 40.55 N ± 0.44km, 122.38 E ± 0.51km, h10 ± 0.04km North-Eastern China (658) M_L3.3 / 12,</p>										
SNY	1.6	35	-Pg	02 05	12.6	-0.7				
DL2	1.7	200	Pg	02 05	14.5	-1.9				
CN2	4.0	34	ePg	02 05	57.0	1.3				
<p>MAR 19d 07h 23m 05.4 ± 0.06s, SD1.53 / 83 8.21 S ± 0.67km, 121.54 E ± 1.59km, h40 ± 0.14km Flores region (286) M_S4.8 / 3, m_B5.4 / 2, m_b5.0 / 17</p>										
QZN	29.4	337	eP	07 29	09.5	1.8				
GYA	37.4	338	P	07 30	16.0	-0.6				
KMI	37.9	332	-P	07 30	22.5	1.5				
<p>MAR 19d 22h 08m 39.7 ± 0.10s, SD1.48 / 77 5.57 S ± 0.66km, 149.41 E ± 1.18km, h148 ± 0.49km New Britain region (192) m_b5.1 / 21,</p>										
QZH	42.6	317	eP	22 16	19.6	-3.9				
SSE	45.3	325	P	22 16	46.0	0.9				
NJ2	47.4	324	+P	22 17	03.0	1.8				
WLN	49.1	319	-P	22 17	17.0	2.3				
DL2	51.2	332	eP	22 17	31.5	1.2				
TIA	51.4	326	-P	22 17	32.3	0.4				
GYA	52.2	310	P	22 17	39.4	1.2				
SNY	52.7	336	eP	22 17	41.2	-0.6				
MDJ	53.0	342	eP	22 17	44.8	0.7				
CN2	53.7	339	+P	22 17	49.0	0.1				
KMI	54.7	306	+P	22 17	58.0	1.8				
BJI	54.7	329	eP	22 17	56.0	-0.4				
XAN	54.9	319	eP	22 17	57.1	-0.7				
TIY	55.1	324	-P	22 18	00.0	0.6				
HHC	57.8	327	P	22 18	19.0	0.9				
BTO	58.4	325	eP	22 18	21.6	-1.3				
LZH	59.5	318	eP	22 18	31.0	0.9				
GTA	64.0	319	eP	22 18	59.6	-0.5				
LSA	65.9	306	P	22 19	13.0	0.0				
WMQ	74.0	318	eP	22 20	02.1	0.3				
<p>MAR 20d 01h 12m 19.2 ± 0.03s, SD1.14 / 364</p>										

27.27 N ± 0.86km, 141.68 E ± 0.69km, h48 ± 0.14km										
Bonin Islands region (212)										
M _s 4.8 / 44, m _b 5.4 / 11, m _b 5.7 / 112										
SSE	18.3	287	P	01 16 34.0	2.6					
			eS	01 19 50.0	-0.2					
			sS	01 20 01.0	-4.8					
			LN	M _s =4.8	8.0	1.35				
			LE		8.0	0.78				
MDJ	19.8	334	LZ	M _s =4.6	20.0	2.57				
			eP	01 16 50.0	0.8					
			PMZ	m _b =4.9	1.2	0.070				
			PP	01 17 12.0	4.0					
			ScP	01 24 35.8	0.9					
DL2	20.4	310	S	01 20 25.0	1.0					
			SMN		8.0	1.80				
			LN	M _s =4.6	14.0	1.44				
			LZ	M _s =4.7	35.0	5.93				
			eP	01 16 54.4	-0.3					
NJ2	20.4	289	pP	01 17 06.0	0.5					
			eS	01 20 36.0	0.7					
			LE	M _s =4.6	15.0	1.60				
			LZ	M _s =4.6	22.0	2.70				
			-iP	01 16 56.0	1.1					
SNY	20.8	319	PMZ	m _b =5.5	4.0	1.01				
			PP	01 17 16.0	0.4					
			PcP	01 21 06.5	1.2					
			SS	01 21 10.0	4.1					
			ScP	01 24 37.2	1.1					
QZH	20.9	269	LE	M _s =4.5	11.0	0.87				
			LZ	M _s =4.3	22.0	1.26				
			eP	01 16 58.2	-0.4					
			PMZ	m _b =5.4	1.0	0.22				
			pP	01 17 09.5	-0.1					
CN2	21.1	326	sP	01 17 14.6	-0.6					
			PP	01 17 19.4	-1.4					
			S	01 20 40.0	-1.7					
			ScS	01 28 18.0	-1.0					
			LZ	M _s =4.8	33.0	5.54				
TIA	22.7	299	eP	01 17 01.5	1.8					
			PMZ	m _b =5.7	1.0	0.39				
			PMZ	m _b =5.4	4.0	0.80				
			sP	01 17 18.0	1.7					
			S	01 20 47.0	3.3					
WHN	24.1	284	LN	M _s =4.8	20.0	2.88				
			LZ	M _s =4.6	16.0	1.78				
			-P	01 17 02.8	0.9					
			PMZ	m _b =5.6	1.0	0.30				
			sP	01 17 18.4	-0.1					
BJI	24.7	308	LN	M _s =4.9	15.0	1.30				
			LE		15.0	2.30				
			LZ	M _s =4.8	20.0	4.00				
			+P	01 17 18.2	0.5					
			S	01 21 19.0	2.1					
GZH	26.0	267	LN	M _s =5.0	16.0	1.32				
			LE		20.0	3.57				
			LZ	M _s =4.8	20.0	2.97				
			eP	01 17 33.5	1.6					
			PMZ	m _b =5.3	1.0	0.14				
TIY	26.7	300	PMZ	m _b =5.5	5.0	1.14				
			sP	01 17 53.0	4.3					
			S	01 21 48.0	5.4					
			LE	M _s =4.6	12.0	0.98				
			LZ	M _s =4.5	28.0	2.26				
HHC	28.2	306	LZ	M _s =4.5	28.0	2.26				
			-P	01 17 02.8	0.9					
			PMZ	m _b =5.6	1.0	0.30				
			sP	01 17 18.4	-0.1					
			LN	M _s =4.9	15.0	1.30				
XAN	28.9	292	LE		15.0	2.30				
			LZ	M _s =4.8	20.0	4.00				
			-iP	01 17 02.8	0.9					
			PMZ	m _b =5.6	1.0	0.30				
			pP	01 17 18.4	-0.1					
BTO	29.3	305	sP	01 17 18.0	1.7					
			P	01 18 18.0	-1.6					
			pP	01 18 30.0	-1.2					
			PP	01 19 13.0	-1.5					
			S	01 23 04.5	-2.2					
QZN	30.3	261	LN	M _s =5.0	15.0	1.30				
			LE		15.0	1.80				
			LZ	M _s =4.8	15.0	1.50				
			P	01 18 30.0	1.1					
			sP	01 18 48.0	2.0					
GYA	31.2	277	PP	01 19 25.0	-3.3					
			S	01 23 27.0	3.5					
			LE	M _s =4.9	13.0	1.40				
			P	01 18 37.0	0.4					
			PcP	01 21 31.6	1.9					
LZH	33.2	295	S	01 23 37.2	0.3					
			ScP	01 25 10.0	2.9					
			PcS	01 25 14.0	1.4					
			ScS	01 29 04.6	1.6					
			LN	M _s =4.9	18.0	1.10				
CD2	33.2	285	LE		18.0	1.60				
			-iP	01 18 54.0	-0.3					
			PMZ	m _b =5.8	1.6	0.23				
			PMZ		3.0	0.41				
			pP	01 19 07.0	1.0					
KMI	34.9	276	sP	01 19 12.0	0.9					
			ePP	01 20 09.0	3.6					
			PcP	01 21 37.5	2.3					
			eS	01 24 09.0	-0.7					
			sS	01 24 31.0	1.2					
GZH	26.0	267	ScP	01 25 16.0	1.9					
			PcS	01 25 20.0	0.5					
			ScS	01 29 15.0	1.7					
			LE	M _s =5.0	16.0	1.62				
			LZ	M _s =5.1	20.0	3.34				
SSE	18.3	287	-iP	01 18 54.2	-0.2					
			PMZ	m _b =6.1	1.0	0.30				
			S	01 24 08.0	-0.8					
			LN	M _s =5.3	8.0	1.79				
			LZ	M _s =4.8	20.0	1.80				
MDJ	19.8	334	-P	01 19 10.0	1.1					
			PMZ	m _b =5.7	1.6	0.20				
			S	01 24 36.0	1.3					
			LN	M _s =5.0	14.0	1.10				
			LE		14.0	0.80				
DL2	20.4	310	LZ	M _s =4.8	20.0	1.60				
			eP	01 17 36.5	-0.6					
			PMZ	m _b =4.8	1.7	0.072				
			ePcP	01 21 14.5	0.6					
			eS	01 21 52.0	-0.5					
NJ2	20.4	289	eScP	01 24 47.0	-0.1					

GTA	36.7 300	-P	01 19 23.2	-0.9		
		PP	01 20 52.0	2.9		
		PcP	01 21 46.8	1.5		
		ScP	01 25 27.6	1.1		
		S	01 25 00.0	-2.5		
		sS	01 25 27.0	3.1		
		ScS	01 29 35.4	3.4		
		LN	$M_s=4.8$	12.0	0.78	
		LZ	$M_s=4.9$	20.0	1.92	
		LSA	44.2 286	-P	01 20 28.0	1.7
PP	01 22 12.0			1.8		
eS	01 26 58.5			2.5		
WMQ	46.1 306	-iP	01 20 40.3	-0.8		
		PMZ	$m_b=5.3$	2.0	0.074	
		PcP	01 22 12.7	-3.4		
		ScP	01 26 04.0	0.4		
		eS	01 27 24.0	1.4		
		ScS	01 30 30.0	1.6		
		LZ	$M_s=5.3$	20.0	3.68	
KSH	55.1 301	P	01 21 50.0	0.2		

MAR 20d 07h 26m $05.8 \pm 0.06s$, SD2.38 / 6
 42.45 N $\pm 0.63km$, 84.83 E $\pm 0.35km$, $h5 \pm km$
 Southern Xinjiang Province (321)
 $M_L 3.0 / 5$,

WMQ	2.5 56	Pn	07 26 49.8	2.1		
		Sg	07 27 24.2	-0.2		
		SMN	$M_L=3.1$	0.8	0.095	
		SME		0.6	0.093	

MAR 20d 08h 08m $57.5 \pm 0.08s$, SD2.88 / 12
 22.51 N $\pm 0.55km$, 120.88 E $\pm 0.99km$, $h57 \pm 1.12km$
 Taiwan (244)
 $M_L 3.7 / 5$, $m_b 3.6 / 1$,

QZH	3.2 319	eP	08 09 51.5	4.7		
		SMN	$M_L=3.3$	0.6	0.12	
		SME		0.6	0.080	

MAR 20d 17h 11m $39.4 \pm 0.04s$, SD1.21 / 101
 5.55 S $\pm 0.59km$, 129.63 E $\pm 0.87km$, $h33 \pm 0.05km$
 Banda Sea (280)
 $M_s 4.7 / 7$, $m_b 5.0 / 12$,

QZN	31.2 322	eP	17 17 59.0	0.3		
		eS	17 23 01.5	-0.5		
		LE	$M_s=5.0$	13.0	1.50	
QZH	32.2 341	eP	17 18 10.5	3.9		
		eS	17 23 13.5	-2.7		
GZH	32.6 331	eP	17 18 11.0	0.4		
		SSE	37.3 348	P	17 18 50.7	-0.1
WHN	38.8 339	pP	17 19 01.4	1.4		
		LE	$M_s=4.3$	11.0	0.20	
		LZ	$M_s=4.3$	20.0	0.50	
		eP	17 19 03.0	0.2		
		pP	17 19 14.5	2.4		
NJ2	38.8 345	S	17 24 56.0	-1.1		
		LE	$M_s=4.7$	10.0	0.42	
		eP	17 19 03.0	0.0		
		P	17 19 04.2	0.6		
		pP	17 19 12.8	0.1		
KMI	40.2 321	-P	17 19 16.5	1.6		
		sP	17 19 30.0	2.1		
		S	17 25 20.0	1.6		
		LN	$M_s=4.9$	15.0	0.70	
		LE		15.0	0.60	
CD2	43.9 327	LZ	$M_s=4.5$	20.0	0.70	
		eP	17 19 44.9	-0.2		
		P	17 19 45.0	-0.8		
XAN	44.0 335	LZ	$M_s=4.1$	24.0	0.30	

DL2	44.8 351	eP	17 19 52.0	-0.7				
		S	17 26 26.0	-0.8				
TIY	45.9 341	LZ	$M_s=4.2$	24.0	0.32			
		eP	17 20 01.2	-0.3				
BJI	47.0 346	eP	17 20 08.5	-1.5				
		eP	17 20 12.2	-1.3				
SNY	47.5 354	PMZ	$m_b=5.4$	0.8	0.044			
		sP	17 20 25.5	-1.2				
		PP	17 22 02.0	-1.9				
		eS	17 27 06.0	0.7				
		LZ	$M_s=4.7$	23.0	1.02			
		LZH	48.0 332	eP	17 20 17.5	-0.1		
		PMZ	$m_b=4.8$	2.0	0.028			
		sP	17 20 32.5	1.9				
		eS	17 27 08.0	-4.6				
		SME		6.0	0.40			
CN2	49.3 356	LN	$M_s=4.6$	12.0	0.28			
		LZ	$M_s=4.6$	33.0	1.00			
		eP	17 20 32.0	4.5				
BTO	49.3 340	esP	17 20 42.0	1.3				
		eS	17 27 31.0	0.5				
		LN	$M_s=4.7$	15.0	0.40			
MDJ	49.9 360	LE		15.0	0.20			
		LZ	$M_s=4.6$	20.0	0.60			
LSA	50.9 316	eP	17 20 27.0	-1.1				
		eP	17 20 32.8	0.2				
GTA	52.5 331	P	17 20 42.0	1.5				
		S	17 27 56.0	3.9				
WMQ	62.0 327	P	17 20 52.0	-0.4				
		iP	17 21 59.0	-0.2				
		S	17 30 16.0	-2.7				
KSH	66.7 317	LZ	$M_s=4.7$	20.0	0.50			
		P	17 22 31.5	1.2				

MAR 20d 18h 55m $21.4 \pm 0.07s$, SD1.21 / 55
 45.77 S $\pm 1.33km$, 96.22 E $\pm 1.16km$, $h10 \pm 0.09km$
 South-East Indian Ridge (435)
 $m_b 5.1 / 7$,

KMI	70.8 6	-P	19 06 41.6	0.4		
		PMZ	$m_b=5.4$	2.0	0.10	
GYA	72.5 10	LZ	$M_s=5.0$	18.0	0.80	
		P	19 06 51.6	0.4		
WHN	77.7 16	eP	19 07 21.0	0.1		
		P	19 07 38.1	3.3		
LZH	81.8 6	P	19 07 43.6	0.7		
		LZ	$M_s=4.5$	25.0	0.30	
GTA	84.9 3	eP	19 07 58.0	-0.7		
		P	19 08 08.0	-0.4		
BTO	86.9 10	eP	19 08 07.5	-1.0		
		eP	19 08 10.5	0.1		
HHC	87.3 12	PMZ	$m_b=5.3$	2.0	0.055	
		eP	19 08 10.0	-0.7		
WMQ	89.5 354	-iP	19 08 21.1	-0.1		
		SKS	19 18 52.0	3.8		
		S	19 19 12.5	4.0		
		LZ	$M_s=5.1$	20.0	0.72	
		LZ				

MAR 20d 21h 47m $56.6 \pm 0.05s$, SD2.39 / 21
 38.53 N $\pm 0.71km$, 73.72 E $\pm 0.76km$, $h23 \pm 0.11km$
 Tadzhikistan-Xinjiang border region (719)
 $M_L 4.2 / 1$, $m_b 4.2 / 4$,

WMQ	11.8 59	eP	21 50 47.0	0.3		
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MAR 20d 22h 04m $47.7 \pm 0.03s$, SD1.04 / 351
 29.51 N $\pm 0.73km$, 131.62 E $\pm 0.61km$, $h31 \pm 0.17km$
 Ryukyu Islands region (239)
 $M_s 5.0 / 59$, $m_b 5.6 / 14$, $m_b 5.4 / 102$

SSE	9.2 283	-P	22 07 00.0	-0.8		
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		PMZ	$m_b = 5.4$	1.0	0.13			S	22 12 06.0	1.5			
		PMZ	$m_B = 5.4$	7.0	0.90			LN	$M_S = 5.0$	15.0	3.20		
		S	22 08 46.0	2.3				LE		16.0	3.40		
		sS	22 08 52.0	-2.6				LZ	$M_S = 4.7$	16.0	2.68		
		LN	$M_S = 4.8$		13.0	4.30	TIY	17.9	302	-P	22 08 57.5	0.8	
		LE			13.0	4.40				PMZ	$m_b = 4.9$	1.2	0.080
		LZ	$M_S = 4.6$		20.0	6.00				pP	22 09 08.0	4.0	
NJ2	11.3	286	-iP	22 07 30.0	0.2					S	22 12 14.5	2.0	
			PMZ	$m_b = 5.5$	1.0	0.10				LN	$M_S = 4.9$	14.0	3.55
			PMZ	$m_B = 5.7$	4.0	0.72				LZ	$M_S = 4.9$	17.0	4.44
			pP	22 07 38.0	1.4		XAN	19.8	289	+P	22 09 17.5	-1.2	
			S	22 09 34.0	-1.5					PMZ	$m_b = 5.2$	0.8	0.10
			LN	$M_S = 4.9$		14.0				S	22 12 54.0	-0.6	
			LE			15.0				LN	$M_S = 5.1$	12.0	3.80
			LZ	$M_S = 4.6$		16.0				LE		14.0	2.10
QZH	12.5	252	eP	22 07 45.3	-0.4		HHC	19.9	310	P	22 09 19.0	-0.5	
			Sn	22 10 02.0	-2.0					pP	22 09 32.0	4.6	
			SS	22 10 15.0	-4.0					S	22 12 55.5	-0.4	
			LE	$M_S = 4.6$		13.0				LN	$M_S = 5.1$	16.0	3.51
			LZ	$M_S = 4.4$		22.0				LE		13.0	2.90
DL2	12.5	321	-P	22 07 47.0	0.7					LZ	$M_S = 4.9$	24.0	6.06
			PMZ	$m_B = 6.0$	4.0	1.15	BTO	20.8	308	P	22 09 28.0	-1.3	
			eS	22 10 05.0	-0.5					pP	22 09 41.0	3.5	
			LN	$M_S = 5.1$		14.0				S	22 13 10.2	-4.1	
			LE			14.0				sS	22 13 33.0	5.0	
			LZ	$M_S = 5.0$		14.0				SS	22 13 46.0	-0.2	
TIA	13.9	303	eP	22 08 05.9	1.0					LN	$M_S = 5.2$	15.0	4.00
			LN	$M_S = 5.0$		11.5				LE		16.0	3.80
			LE			15.0				LZ	$M_S = 5.0$	15.0	4.80
			LZ	$M_S = 4.8$		18.0		GYA	22.2	268	+iP	22 09 43.0	-0.7
SNY	13.9	334	-iP	22 08 06.0	0.9					PMZ	$m_b = 5.1$	1.4	0.12
			PMZ	$m_b = 5.7$	1.5	0.22				pP	22 09 57.0	4.9	
			PMZ	$m_B = 5.9$	7.0	1.40				PcP	22 13 40.0	0.3	
			SMN			21.0				S	22 13 40.0	-1.0	
			SME			15.0				ScP	22 17 08.0	-5.3	
			LN	$M_S = 5.1$		14.0				PcS	22 17 17.4	0.4	
			LE			14.5				LN	$M_S = 5.1$	14.0	2.80
			LZ	$M_S = 5.2$		16.0				LE		14.0	2.30
WHN	15.0	278	-eP	22 08 21.5	2.2		QZN	22.4	247	+P	22 09 46.0	0.9	
			PMZ	$m_b = 4.9$	1.2	0.069				eS	22 13 44.0	-0.5	
			PMZ	$m_B = 5.5$	5.0	1.14				SS	22 14 30.0	4.8	
			pP	22 08 27.5	1.1					LN	$M_S = 5.0$	13.0	2.03
			eS	22 11 06.0	0.7					LE		16.0	2.42
			LN	$M_S = 5.0$		16.0		CD2	24.1	280	eP	22 10 00.2	-1.6
			LZ			2.0				PMZ	$m_b = 5.3$	1.0	0.11
CN2	15.1	343	-P	22 08 22.0	1.4					pP	22 10 11.4	1.0	
			PMZ	$m_b = 5.5$	1.0	0.20				sP	22 10 17.0	2.7	
			PMZ			3.0				S	22 14 10.5	-3.5	
			eS	22 11 13.0	5.4					LN	$M_S = 5.2$	11.0	3.10
			LN	$M_S = 5.1$		14.0				LZ	$M_S = 4.8$	14.0	2.33
			LE			14.0		LZH	24.2	293	eP	22 10 03.0	0.0
			LZ	$M_S = 5.1$		18.0				PMZ	$m_b = 5.0$	2.0	0.13
MDJ	15.2	354	-P	22 08 24.0	2.5					PMZ	$m_B = 5.2$	5.0	0.47
			PMZ	$m_b = 5.2$	1.7	0.18				pP	22 10 13.0	1.5	
			sP	22 08 34.0	0.9					sP	22 10 19.0	3.6	
			S	22 11 12.0	3.3					PP	22 10 35.0	-2.4	
			LN	$M_S = 4.5$		14.0				S	22 14 15.0	-0.8	
			LZ	$M_S = 4.6$		25.0				SME		8.0	3.24
BJI	16.5	314	-eP	22 08 38.0	0.0					LN	$M_S = 5.2$	13.0	1.10
			PMZ	$m_b = 5.4$	1.6	0.29				LE		14.0	3.91
			PMZ	$m_B = 5.3$	8.0	1.07				LZ	$M_S = 5.3$	15.0	6.62
			sP	22 08 55.0	5.3								
			eS	22 11 38.0	-1.2		KMI	26.0	267	eP	22 10 20.0	0.0	
			esS	22 11 52.0	1.4					PMZ	$m_b = 5.2$	1.6	0.10
			LN	$M_S = 5.1$		14.0				pP	22 10 30.0	1.6	
			LE			13.0				LN	$M_S = 5.0$	13.0	1.30
			LZ	$M_S = 5.3$		14.0				LE		13.0	1.60
GZH	17.6	253	-P	22 08 53.7	1.5		GTA	27.9	299	LZ	$M_S = 5.1$	15.0	3.70
										eP	22 10 36.2	-1.3	



		sP	22 10	53.0	3.0					pP	16 59	00.0	4.8	
		S	22 15	20.0	3.3					PP	17 01	34.0	-2.0	
		sS	22 15	30.0	-2.2					SKS	17 08	24.5	-0.4	
		LE		M _S =5.0	12.0	1.86				LN			13.0	2.60
		LZ		M _S =4.9	18.0	2.94				LE			12.0	2.20
LSA	35.1 281	-P	22 11	41.8	1.1					LZ			20.0	2.40
		eS	22 17	09.0	-1.9				GZH	84.2 301	+P	16 58	22.2	0.2
		LE		M _S =4.9	15.0	1.10				PMZ			3.0	4.03
WMQ	37.6 305	P	22 12	01.5	0.0					pP	16 59	01.0	4.0	
		PMZ		m _b =5.0	1.5	0.038				sP	16 59	17.5	5.2	
		PP	22 13	31.5	1.8					S	17 08	32.0	-0.3	
		PcP	22 14	14.5	-4.3					LN			17.0	2.70
		S	22 17	48.5	0.9					LE			16.0	3.30
		LN		M _S =5.1	15.0	0.99			QZN	84.4 296	+P	16 58	23.5	0.2
		LE			15.0	1.54				pP	16 59	03.5	5.2	
		LZ		M _S =5.0	20.0	2.52				PP	17 01	40.5	-0.3	
KSH	46.3 298	P	22 13	13.8	0.6					S	17 08	34.0	-0.9	
		sP	22 13	30.0	4.1					SMN			11.0	3.14
		eS	22 19	59.0	1.0					SME			10.5	2.64
		LE		M _S =5.3	14.0	1.70				LE			19.0	9.24
		LZ		M _S =5.3	20.0	3.10			NJ2	85.9 311	+P	16 58	30.5	-0.3
										PMZ		m _b =6.1	1.2	0.30
										PMZ		m _B =6.5	5.0	3.19
										pP	16 59	11.0	5.1	
									WHN	88.0 308	+P	16 58	40.7	0.1
										PMZ		m _b =6.6	1.7	1.07
										PMZ		m _B =6.5	5.0	2.86
KSH	0.6 187	+iPg	22 46	28.5	-0.4					pP	16 59	20.0	4.2	
		eSg	22 46	39.5	1.4					SKS	17 08	52.0	-0.3	
		SMN		M _L =3.5	0.5	2.20				S	17 09	06.0	-2.9	
		SME			0.4	1.90				sS	17 10	18.0	6.1	
WMQ	9.4 63	P	22 48	34.4	0.2				MDJ	88.6 326	+P	16 58	43.0	-0.6
		S	22 50	26.0	5.8					PMZ		m _b =6.3	1.5	0.45
		LN		M _S =4.3	4.0	0.32				pP	16 59	23.2	4.4	
		LE			4.0	0.49				PP	17 02	15.0	-0.3	
GTA	18.3 85	+P	22 50	32.2	1.4					SKS	17 08	54.0	-2.2	
										S	17 09	12.0	-2.7	
										SME			20.0	17.7
										sS	17 10	20.0	2.1	
									DL2	88.8 318	iP	16 58	44.0	-0.4
										PMZ		m _B =6.6	5.0	3.54
BJI	86.3 315	eP	02 25	01.5	-4.7					pP	16 59	20.0	0.4	
TIY	87.9 311	eP	02 25	09.8	-3.9					SKS	17 08	55.0	-2.2	
		LZ		M _S =4.9	27.0	0.58				S	17 09	16.0	-0.2	
										SMN			10.0	3.43
										SME			10.0	3.94
										LN			18.0	4.47
										LE			20.0	7.27
										LZ			20.0	2.42
									SNY	89.7 321	+iP	16 58	47.0	-1.6
										PMZ		m _b =6.5	1.6	0.73
										PMZ		m _B =6.5	4.0	2.00
										pP	16 59	26.0	2.0	
										SKS	17 08	59.5	-3.2	
										S	17 09	26.0	1.5	
										SMN			12.0	4.35
										SME			12.0	5.45
										LN			15.0	2.60
										LZ			25.0	4.35
QZH	81.5 306	P	16 58	08.0	-0.7				TIA	89.7 313	+P	16 58	48.6	-0.2
		PMZ		m _b =5.9	1.0	0.24				PMZ		m _B =6.7	4.0	2.90
		PMZ		m _B =6.4	4.0	3.00				pP	16 59	29.5	5.4	
		pP	16 58	47.0	3.5					SKS	17 09	02.0	-0.9	
		S	17 08	04.0	-2.1					SMN			13.0	4.60
		LN			18.0	3.99				SME			11.5	6.30
		LE			20.0	4.61				S				
		LZ			20.0	2.62				+P	16 58	18.0	-2.3	
SSE	83.8 312	+P	16 58	18.0	-2.3				CN2	90.1 323	+iP	16 58	49.6	-0.9
		PMZ		m _b =6.1	1.5	0.42				PMZ		m _b =6.3	1.0	0.30
		PMZ		m _B =6.3	4.0	1.80				PMZ			3.0	3.20

NJ2	87.6 314	-iP	00 12 41.3	0.7	1.0	0.050	LZ	MDJ	59.1 336	eP	02 21 39.5	-1.8	27.0	0.71	
		PMZ	$m_b = 5.2$				cP			02 22 08.5	-0.4				
		pP	00 13 35.0	0.2			S			02 29 32.0	-4.5				
WHN	89.2 310	eS	00 23 04.0	2.3	8.0	0.70	sS	SNY	59.6 330	SS	02 33 30.0	-4.1	30.0	1.16	
		-P	00 12 49.0	0.8			eP			02 21 44.0	-0.8				
		pP	00 13 42.0	-0.6			pP			02 22 11.5	-0.9				
DL2	91.2 320	S	00 23 20.0	5.2	1.0	0.060	LZ	CN2	60.2 333	S	02 29 40.0	-3.1	40.0	1.70	
		SMN					-iP			02 21 48.2	-0.8				
		eP	00 12 56.5	-0.7			PMZ			$m_b = 5.5$					
GYA	91.5 302	SKS	00 23 04.0	-1.0	1.5	0.10	PMZ	GYA	61.4 306	PMZ	$m_b = 5.9$	4.0	0.60		
		S	00 23 36.0	4.0			pP			02 22 15.0	-1.7				
		sS	00 25 04.0	-5.3			eS			02 29 48.0	-4.2				
TIA	91.6 315	+iP	00 12 59.0	0.3	2.0	0.055	-P	BJI	62.3 324	-P	02 21 57.8	0.4	2.0	0.055	
		pP	00 13 53.4	0.4			eP			02 22 01.5	-1.9				
		PP	00 16 41.4	0.8			PMZ			$m_b = 5.1$					
MDJ	91.9 328	SKS	00 23 08.0	1.4	16.0	0.88	epP	TIY	63.2 320	epP	02 22 30.5	-0.7	16.0	0.88	
		-P	00 12 59.8	0.4			cS			02 30 16.0	-3.1				
		eP	00 12 59.5	-1.0			eP			02 22 09.5	0.5				
SNY	92.4 323	+P	00 13 02.0	-1.0	1.0	0.080	eS	KMI	64.0 303	pP	02 22 36.5	-0.3	1.5	0.10	
		pP	00 13 52.4	-5.0			S			02 30 33.5	5.1				
		S	00 23 46.0	3.2			ScS			02 31 50.0	4.1				
CN2	93.0 325	SMN			1.5	0.10	LZ	XAN	63.4 315	LZ			32.0	0.66	
		-iP	00 13 05.4	-0.5			P			02 22 09.5	-1.4				
		PMZ	$m_b = 5.6$				PMZ			$m_b = 5.6$					
KMI	93.3 299	eS	00 23 55.0	4.9	1.5	0.10	S	KMI	64.0 303	S	02 30 32.0	0.0	1.5	0.10	
		+P	00 13 08.5	1.1			-P			02 22 15.5	0.6				
		PMZ	$m_b = 5.6$				PMZ			$m_b = 5.5$					
BJI	94.9 318	pP	00 14 01.0	-0.7	2.5	0.034	pP	HHC	65.6 322	pP	02 22 45.0	2.5	2.5	0.034	
		eP	00 13 14.0	-0.3			sP			02 22 59.0	3.3				
		eSKS	00 23 27.0	1.5			S			02 30 46.0	6.7				
XAN	95.0 309	eS	00 24 06.0	0.2	2.5	0.034	sS	HHC	65.6 322	sS	02 31 35.0	5.9	0.8	0.025	
		P	00 13 15.0	0.2			P			02 22 24.6	-0.1				
		esS	00 25 36.0	-5.9			SMN								
TIY	95.3 314	P	00 13 20.7	0.0	2.5	0.034	SME	CD2	65.7 309	SME			0.8	0.095	
		eP	00 13 16.5	0.0			P			02 22 25.2	-0.3				
		P	00 13 20.7	0.0			PMZ			$m_b = 5.5$					
CD2	96.3 304	eP	00 13 32.0	0.3	2.5	0.034	pP	BTO	66.4 321	pP	02 22 54.4	0.9	1.2	0.080	
		eP	00 13 35.0	-0.4			S			02 31 01.3	1.6				
		PMZ	$m_b = 5.3$				eP			02 22 29.5	-0.3				
WMQ	114.0 308	pP	00 14 30.0	0.3	2.5	0.034	eS	LZH	68.1 314	eS	02 31 08.0	-1.3	1.4	0.14	
		-PKP	00 18 28.6	-0.7			+P			02 22 40.6	0.1				
		PKP	00 18 41.6	0.7			PMZ			$m_b = 5.6$					
KSH	120.0 299	S	00 23 46.0	3.2	10.0	0.21	pP	GTA	72.5 316	pP	02 23 08.0	-0.5	15.0	0.86	
		eS	00 24 06.0	0.2			LZ								
		esS	00 25 36.0	-5.9			LZ			50.0	1.17				
XAN	95.0 309	P	00 13 15.0	0.2	20.0	0.50	S	LSA	75.3 304	S	02 32 22.5	3.5	20.0	0.50	
		eP	00 13 16.5	0.0			P			02 23 25.0	1.3				
		P	00 13 20.7	0.0			+iP			02 24 02.0	-0.6				
BTO	98.7 315	eP	00 13 32.0	0.3	7.0	0.40	PMZ	WMQ	82.5 316	PMZ	$m_b = 5.2$	1.5	0.056		
		eP	00 13 35.0	-0.4			pP			02 24 31.0	-0.5				
		PMZ	$m_b = 5.3$				SKS			02 34 09.5	2.2				
LZH	99.5 308	pP	00 14 30.0	0.3	7.0	0.40	S	KSH	89.9 310	S	02 24 40.0	1.2	7.0	0.40	
		-PKP	00 18 28.6	-0.7			pP			02 25 12.0	3.9				
		PKP	00 18 41.6	0.7			eSKS			02 35 01.0	5.4				
<p>MAR 22d 02h 11m $50.5 \pm 0.03s$, SD1.03 / 273 8.45 S $\pm 0.63km$, 158.90 E $\pm 0.74km$, h116 $\pm 0.16km$ Solomon Islands (193) $m_b 5.6 / 4$, $m_b 5.4 / 57$,</p>															
QZH	51.4 311	P	02 20 46.5	0.4	1.5	0.049	LE	GTA	72.5 316	LE			15.0	0.86	
		pP	02 21 14.0	1.0			LZ								
		S	02 27 58.0	3.4			LZ			50.0	1.17				
SSE	53.4 319	P	02 21 00.5	-0.3	10.0	0.21	S	LSA	75.3 304	S	02 32 22.5	3.5	20.0	0.50	
		PMZ	$m_b = 5.2$				P			02 23 25.0	1.3				
		pP	02 21 30.2	2.4			+iP			02 24 02.0	-0.6				
NJ2	55.5 318	S	02 28 22.0	0.6	7.0	0.40	S	WMQ	82.5 316	S	02 24 40.0	1.2	7.0	0.40	
		sS	02 29 11.0	1.2			PMZ			$m_b = 5.2$	1.5				
		LE					pP			02 24 31.0	-0.5				
WHN	57.7 314	LZ			7.0	0.40	LZ	KSH	89.9 310	LZ			7.0	0.40	
		-P	02 21 16.0	-0.3			P			02 24 40.0	1.2				
		pP	02 21 45.0	1.4			pP			02 25 12.0	3.9				
QZN	55.5 300	S	02 28 51.0	1.0	7.0	0.40	S	DL2	58.5 326	S	02 29 29.0	0.3	7.0	0.40	
		sS	02 29 43.0	4.2			eP			02 21 36.1	-1.0				
		eP	02 21 16.7	0.3			pP			02 22 06.0	1.4				
DL2	58.5 326	-P	02 21 31.5	-0.2	7.0	0.40	eSKS	DL2	58.5 326	eSKS			7.0	0.40	
		pP	02 22 00.0	0.9			S			02 29 29.0	0.3				
		S	02 29 18.0	-0.6											
<p>MAR 22d 13h 09m $01.3 \pm 0.04s$, SD3.24 / 6 36.56 N $\pm 0.33km$, 104.71 E $\pm 0.45km$, h27 $\pm 0.21km$ Gansu Province (322) $M_L 3.2 / 4$,</p>															

GTA	4.8	308	ePn	13 10 13.2	0.7					LZH	5.9	285	ePg	15 43 07.0	2.3					
			Sg	13 11 38.3	6.5								Sg	15 44 22.0	-2.4					
			SMN		$M_L=2.6$	0.4	0.010						SMN					2.5	0.51	
			SME			0.4	0.0060						SME					1.5	0.18	
MAR 22d 14h 47m 47.8 ± 0.05s, SD2.09 / 30 34.85 N ± 0.47km, 110.81 E ± 0.43km, h16 ± 0.15km Eastern China (664) $M_L=3.7 / 26,$										HHC										
XAN	1.8	243	-iPn	14 48 18.5	0.3						6.1	5	Pg	15 43 09.0	0.8					
			Pg	14 48 21.2	2.3								SMN		$M_L=4.0$			0.8	0.10	
			Sn	14 48 42.3	0.4								SME					0.8	0.10	
			Sg	14 48 46.0	3.0						BJI	6.7	38	ePg	15 43 18.5	-1.4				
			SMN		$M_L=3.2$	0.4	0.33						SMN		$M_L=3.6$			1.0	0.027	
			SME			0.4	0.20						SME					1.0	0.035	
WHN	5.2	144	ePg	14 49 23.5	3.2						CD2	7.1	239	Pn	15 43 04.8	-0.4				
			Sg	14 50 33.5	1.7								Sg	15 45 05.3	1.3					
			SMN		$M_L=3.8$	0.6	0.10						SMN		$M_L=3.8$			1.0	0.030	
			SME			0.6	0.11						SME					1.0	0.050	
TIA	5.3	73	ePg	14 49 21.0	-1.0						GYA	9.1	204	P	15 43 33.8	-1.0				
			SMN		$M_L=3.4$	0.5	0.044				GTA	9.9	301	eP	15 43 44.8	-2.0				
			SME			0.5	0.033						SMN					0.6	0.011	
			SMZ		$M_L=3.5$	0.6	0.035				MAR 23d 00h 32m 15.5 ± 0.02s, SD1.36 / 5 25.43 N ± 0.15km, 117.82 E ± 0.13km, h13 ± 0.06km Near south-eastern coast of China (242) $M_L=3.2 / 5,$									
BTO	5.8	354	Pg	14 49 29.4	-0.5						QZH	0.9	125	-iPg	00 32 30.5	-0.3				
			Sg	14 50 43.0	-5.5								Sg	00 32 41.3	-1.3					
			SMN		$M_L=3.2$	0.6	0.020						S11	00 32 44.5	-3.4					
			SME			0.6	0.020						SMN		$M_L=3.0$			0.1	0.44	
LZH	5.8	284	ePg	14 49 32.0	1.3								SME					0.1	0.37	
			Sg	14 50 46.2	-3.7						MAR 23d 01h 36m 50.7 ± 0.03s, SD0.95 / 117 4.24 S ± 0.66km, 102.24 E ± 0.63km, h64 ± 0.25km Southern Sumatera (274) $M_S=4.6 / 1, m_b=4.9 / 19,$									
			SMN			2.0	0.37				QZN	24.3	18	eP	01 42 04.0	0.4				
			SME			1.5	0.18						eS	01 46 20.0	5.1					
HHC	6.0	5	Pg	14 49 34.8	0.6						KMI	29.2	1	+P	01 42 49.0	-0.1				
			Sg	14 50 51.0	-5.2								pP	01 43 02.0	-1.6					
			SMN		$M_L=3.7$	0.8	0.025				GYA	30.8	8	-P	01 43 03.2	0.0				
			SME			0.8	0.095				CD2	35.0	2	P	01 43 38.8	-0.4				
BJI	6.7	38	ePg	14 49 45.0	-1.3								PMZ		$m_b=5.0$			0.8	0.020	
			eSg	14 51 12.0	-6.0								LZ		$M_S=4.4$			20.0	0.74	
			SMN		$M_L=3.7$	1.0	0.036				WHN	36.5	18	eP	01 43 52.7	0.9				
			SME			1.0	0.045				XAN	38.6	9	P	01 44 08.5	-1.1				
CD2	7.1	238	Pn	14 49 31.4	-0.4						NJ2	39.4	22	-P	01 44 17.2	1.0				
			SMN		$M_L=3.8$	1.2	0.050						LZ		$M_S=4.3$			14.0	0.30	
			SME			1.0	0.040				SSE	39.5	26	P	01 44 18.5	1.3				
GYA	9.1	204	P	14 50 00.6	-1.2								PMZ		$m_b=4.8$			1.0	0.015	
GTA	9.9	301	eP	14 50 10.6	-2.1								LZ		$M_S=4.1$			20.0	0.28	
			SMN			0.6	0.011				LZH	40.1	2	P	01 44 20.5	-2.1				
			SME			0.8	0.0080						LZ		$M_S=4.6$			18.0	0.78	
MAR 22d 15h 41m 21.1 ± 0.05s, SD2.11 / 32 34.81 N ± 0.44km, 110.84 E ± 0.45km, h15 ± 0.14km Eastern China (664) $M_L=3.6 / 27,$										TIY										
XAN	1.8	245	Pn	15 41 52.4	0.8						42.8	12	-P	01 44 44.7	0.4					
			Pg	15 41 55.0	2.7								eS	01 51 08.0	4.9					
			Sn	15 42 14.6	-0.9								LN		$M_S=4.6$			12.0	0.35	
			Sg	15 42 19.7	3.2								LZ		$M_S=4.5$			20.0	0.63	
			SMN		$M_L=3.4$	0.4	0.50				GTA	43.5	357	eP	01 44 49.8	-0.2				
			SME			0.4	0.23						LZ		$M_S=4.6$			18.0	0.65	
TIY	3.2	23	ePn	15 42 13.5	2.5						BTO	45.2	8	eP	01 45 03.2	-0.4				
			Pg	15 42 15.3	-1.8						HHC	45.7	10	P	01 45 08.2	0.7				
			Sn	15 42 54.1	3.8						BJI	45.9	15	eP	01 45 09.5	0.5				
			SMN		$M_L=3.6$	0.5	0.21						PMZ		$m_b=5.1$			1.0	0.024	
TIA	5.3	73	ePg	15 42 54.9	-0.1								LZ		$M_S=4.7$			16.0	0.70	
			SMN		$M_L=3.5$	1.0	0.061				WMQ	49.6	346	+iP	01 45 37.9	-0.2				
			SME			0.6	0.033						PcP	01 46 58.0	0.1					
			SMZ		$M_L=3.5$	0.8	0.033						eS	01 52 40.5	0.5					
BTO	5.8	354	Pg	15 43 03.0	-1.0						KSH	49.8	333	P	01 45 40.3	0.3				
			SMN		$M_L=3.2$	0.6	0.020						S	01 52 42.0	-0.1					
			SME			0.6	0.020				CN2	52.2	21	-iP	01 45 56.4	-1.2				
													PMZ		$m_b=5.3$			1.0	0.040	



MAR 23d 13h 35m 36.4 ± 0.03s, SD1.18 / 61
 49.18 S ± 1.02km, 122.20 E ± 1.03km, h8 ± 0.28km
 South of Australia (437)
 m_b5.2 / 7,

KMI	76.0	342	-P	13 47 27.5	0.7		
WHN	79.7	353	eP	13 47 46.5	-0.4		
			pP	13 47 54.0	2.0		
SSE	79.9	359	P	13 47 48.0	-0.2		
			PMZ	m _b = 5.2	1.4	0.037	
NJ2	80.9	357	eP	13 47 53.0	-0.5		
CD2	81.4	344	P	13 47 57.5	1.3		
XAN	83.7	349	P	13 48 08.0	0.1		
LZH	86.4	345	eP	13 48 22.5	0.7		
			LZ	M _s = 4.9	20.0	0.54	
TIY	86.9	352	eP	13 48 25.7	1.5		
BJI	89.0	355	eP	13 48 33.0	-0.9		
			PMZ	m _b = 5.2	1.5	0.026	
HHC	90.1	352	eP	13 48 39.3	-0.1		
GTA	90.4	343	eP	13 48 40.4	-0.3		
SNY	90.6	1	eP	13 48 40.0	-1.6		
			PMZ	m _b = 5.1	1.4	0.018	
CN2	92.6	2	+P	13 48 51.0	0.2		

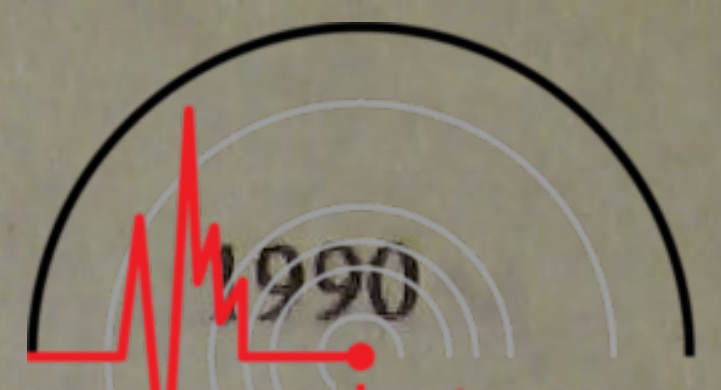
MAR 23d 14h 39m 03.8 ± 0.04s, SD0.93 / 50
 45.53 S ± 0.75km, 96.04 E ± 0.66km, h11 ± 0.11km
 South-East Indian Ridge (435)
 m_b5.1 / 6,

KMI	70.6	6	-P	14 50 22.5	0.4		
			pP	14 50 30.0	2.5		
			LZ	M _s = 4.8	20.0	0.60	
GYA	72.3	10	P	14 50 33.0	0.9		
CD2	76.4	7	eP	14 50 56.1	0.2		
XAN	80.1	11	P	14 51 16.0	0.0		
TIY	84.2	13	eP	14 51 37.5	0.1		
			eS	15 02 04.0	2.5		
			LZ	M _s = 4.9	20.0	0.50	
GTA	84.6	3	eP	14 51 39.8	0.1		
BTO	86.7	11	eP	14 51 50.0	0.2		
BJI	87.1	15	eP	14 51 52.0	0.3		
			PMZ	m _b = 5.1	1.5	0.026	
			LZ	M _s = 4.7	22.0	0.31	
HHC	87.1	12	eP	14 51 52.0	0.0		
WMQ	89.3	354	eP	14 52 02.0	-0.3		
			SKS	15 02 30.0	1.2		
			eS	15 02 52.0	1.8		
			LZ	M _s = 5.1	20.0	0.72	

MAR 23d 21h 06m 02.3 ± 0.04s, SD1.02 / 248
 43.81 N ± 1.02km, 147.76 E ± 0.62km, h32 ± 0.10km
 Kurile Islands (221)
 M_s4.9 / 34, m_b5.5 / 4, m_b5.2 / 79

MDJ	13.1	280	+P	21 09 09.5	1.0		
			PMZ	m _b = 5.5	1.0	0.090	
			pP	21 09 18.0	2.6		
			S	21 11 32.0	-1.3		
			LE	M _s = 4.7	16.0	3.38	
			LZ	M _s = 4.9	18.0	8.16	
CN2	16.1	278	-P	21 09 48.5	0.3		
			PMZ	m _b = 4.9	1.0	0.060	
			epP	21 09 57.0	1.7		
			eS	21 12 44.0	-1.7		
			LN	M _s = 4.9	15.0	1.50	
			LE		15.0	3.70	
			LZ	M _s = 4.9	16.0	4.80	
SNY	17.8	272	+iP	21 10 11.4	1.5		
			PMZ	m _b = 4.7	1.2	0.048	
			sP	21 10 26.8	4.9		

			S	21 13 22.0	-2.8		
			SMN			22.0	0.87
			sS	21 13 34.5	-2.6		
			LN	M _s = 4.7		12.0	1.04
			LE			15.0	1.52
			LZ	M _s = 4.6		18.0	2.37
DL2	20.2	265	-P	21 10 38.0	0.8		
			pP	21 10 45.0	-0.5		
			S	21 14 18.0	1.2		
			LE	M _s = 4.6		13.0	1.31
			LZ	M _s = 4.3		18.0	1.21
BJI	23.7	272	eP	21 11 12.5	-0.2		
			PMZ	m _b = 5.4		1.5	0.25
			epP	21 11 23.0	1.6		
			eS	21 15 22.0	-0.7		
			eSS	21 16 13.0	1.5		
			LN	M _s = 4.7		14.0	1.29
			LZ	M _s = 4.7		20.0	2.40
SSE	24.5	248	+P	21 11 20.0	-0.2		
			PMZ	m _b = 4.9		1.0	0.048
			PMZ	m _b = 5.5		4.0	0.80
			sP	21 11 31.0	-1.8		
			eS	21 15 36.0	-0.1		
			sS	21 15 50.0	-0.3		
			LN	M _s = 4.6		14.0	0.70
			LE			14.0	0.60
			LZ	M _s = 4.6		20.0	2.00
TIA	24.6	263	+P	21 11 21.0	0.2		
			pP	21 11 29.0	-0.5		
			S	21 15 43.0	6.6		
			SMN			9.0	0.99
			SME			11.0	0.68
NJ2	25.5	252	-iP	21 11 30.8	0.9		
			PMZ	m _b = 5.2		1.0	0.060
			pP	21 11 40.0	1.4		
			eS	21 15 54.0	1.0		
			sS	21 16 08.0	0.5		
			LN	M _s = 4.9		15.0	1.21
			LE			15.0	1.91
			LZ	M _s = 4.8		16.0	2.07
HHC	26.8	276	P	21 11 42.0	0.1		
			S	21 16 11.0	-2.3		
			LN	M _s = 4.8		14.0	0.65
			LE			14.0	1.31
			LZ	M _s = 5.0		15.0	2.96
TIY	27.3	269	eP	21 11 46.4	-0.1		
			sP	21 11 57.5	-1.6		
			S	21 16 24.0	2.5		
			LE	M _s = 4.6		15.0	0.98
			LZ	M _s = 4.6		20.0	1.63
BTO	28.0	277	P	21 11 52.0	-0.8		
			pP	21 12 02.5	1.1		
			ePP	21 12 44.0	1.9		
			eS	21 16 32.0	-1.6		
			LN	M _s = 5.1		14.0	1.50
			LE			14.0	1.80
			LZ	M _s = 4.7		14.0	1.40
WHN	29.5	255	+P	21 12 06.0	-0.3		
			PMZ	m _b = 5.1		1.0	0.040
			pP	21 12 16.0	0.7		
			eS	21 16 59.0	1.1		
			sS	21 17 10.0	-2.7		
			LN	M _s = 5.2		16.0	1.98
			LE			16.0	2.38
			LZ	M _s = 4.8		18.0	1.82
QZH	30.3	241	eP	21 12 13.5	0.0		
			eS	21 17 13.5	2.9		
			LE	M _s = 4.5		14.0	0.58



XAN	31.5	265	LZ	$M_s=4.4$	20.0	0.87
			+P	21 12 28.0	4.0	
			eS	21 17 36.0	6.7	
LZH	34.2	272	LE	$M_s=4.6$	12.0	0.57
			+P	21 12 47.5	-0.2	
			pP	21 12 56.5	0.0	
			S	21 18 10.0	-0.5	
			sS	21 18 27.0	0.8	
			LN	$M_s=4.9$	15.0	1.22
			LZ	$M_s=4.7$	20.0	1.48
GTA	35.7	280	P	21 13 00.0	-0.5	
			LE	$M_s=5.0$	13.0	1.21
			LZ	$M_s=5.1$	14.0	2.23
CD2	36.9	265	P	21 13 09.6	-0.4	
			PMZ	$m_b=5.5$	1.1	0.090
			S	21 18 50.0	-1.2	
			LZ	$M_s=4.7$	16.0	0.98
GYA	37.4	256	+iP	21 13 13.8	-0.6	
			PcP	21 15 34.4	1.7	
			LN	$M_s=5.2$	16.0	1.50
			LE		16.0	2.00
			LZ	$M_s=4.7$	18.0	1.20
QZN	40.2	244	eP	21 13 39.0	1.2	
			eS	21 19 45.0	2.3	
			LE	$M_s=5.3$	20.0	3.60
KMI	40.9	258	+P	21 13 44.5	0.2	
			PMZ	$m_b=5.4$	1.5	0.10
			pP	21 13 54.0	0.9	
			S	21 19 50.0	-2.9	
			sS	21 20 15.0	6.1	
			LN	$M_s=5.0$	15.0	1.00
			LE		15.0	0.80
			LZ	$M_s=5.1$	18.0	2.40
WMQ	42.5	292	+iP	21 13 57.1	0.4	
			S	21 20 19.0	3.4	
			LZ	$M_s=5.5$	15.0	4.70
LSA	46.6	272	P	21 14 31.2	0.8	
KSH	52.3	292	P	21 15 14.0	0.4	

			pP	07 19 07.5	0.1	
			SKS	07 29 30.0	5.3	
			LZ	$M_s=5.1$	30.0	1.16
XAN	95.7	316	P	07 19 16.0	-0.2	
CN2	97.6	332	eP	07 19 26.0	1.2	
LZH	99.8	314	+P	07 19 35.5	0.6	
			PMZ	$m_b=5.9$	2.5	0.054
			LZ	$M_s=5.0$	22.0	0.50
WMQ	113.7	309	ePKP	07 24 28.0	0.0	

MAR 24d 11h 23m $45.9 \pm 0.06s$, SD2.74 / 12
 $37.05 N \pm 0.59km$, $116.25 E \pm 0.65km$, $h8 \pm 0.05km$
 Eastern China (664)
 $M_L 3.3 / 16$,

TIA	1.1	140	Pg	11 24 05.1	-0.3	
			Sg	11 24 18.3	-2.0	
			SMN	$M_L=3.1$	0.1	0.47
			SME		0.1	0.35
BJI	3.0	359	Pg	11 24 40.0	1.4	
			Sg	11 25 20.0	0.7	
			SMN	$M_L=3.5$	0.5	0.19
			SME		0.5	0.21

MAR 24d 15h 06m $57.4 \pm 0.03s$, SD1.49 / 7
 $24.56 N \pm 0.14km$, $98.78 E \pm 0.19km$, $h30 \pm 0.32km$
 Burma-China border region (297)
 $M_s 3.5 / 1$, $M_L 3.5 / 6$,

KMI	3.7	80	-Pg	15 08 02.5	0.2	
			Sg	15 08 47.5	-4.5	
			SMN	$M_L=3.7$	1.5	0.30
			SME		1.0	0.10
			LN	$M_s=3.5$	8.0	0.50
			LE		6.0	0.30

MAR 24d 17h 20m $18.1 \pm 0.06s$, SD1.28 / 181
 $16.23 S \pm 1.24km$, $173.03 W \pm 0.93km$, $h29 \pm 0.20km$
 Tonga (173)
 $m_b 5.2 / 37$,

MDJ	79.9	322	eP	17 32 26.2	-0.4	
			eS	17 42 25.0	-2.4	
			LZ	$M_s=5.0$	25.0	0.93
CN2	81.9	320	+P	17 32 38.0	0.5	
			PMZ	$m_b=5.1$	1.0	0.020
			epP	17 32 50.0	3.9	
			eS	17 42 52.0	3.3	
			LZ	$M_s=4.9$	22.0	0.60
SNY	82.1	318	+P	17 32 38.0	-0.3	
WHN	83.9	304	eP	17 32 50.0	2.8	
BJI	86.3	313	eP	17 32 59.0	-0.3	
			PMZ	$m_b=5.4$	1.5	0.047
			eS	17 43 34.0	2.2	
			LZ	$M_s=4.6$	28.0	0.34
TIY	88.1	310	eP	17 33 08.5	0.6	
			LZ	$M_s=5.1$	12.0	0.48
GYA	88.7	298	P	17 33 12.2	0.9	
XAN	89.4	306	P	17 33 15.0	0.7	
HHC	89.8	313	P	17 33 17.5	1.0	
BTO	90.9	312	eP	17 33 21.0	-0.2	
KMI	91.7	296	+P	17 33 26.5	1.2	
			pP	17 33 35.5	1.6	
LZH	94.0	306	+P	17 33 35.0	-0.7	
			PMZ	$m_b=5.5$	2.0	0.047
			sP	17 33 48.0	0.0	
GTA	98.0	309	eP	17 33 53.8	0.0	

MAR 24d 03h 36m $44.9 \pm 0.05s$, SD2.82 / 6
 $38.75 N \pm 0.59km$, $97.96 E \pm 0.46km$, $h10 \pm 0.01km$
 Qinghai Province (325)
 $M_L 3.4 / 4$,

GTA	1.6	65	-iPn	03 37 15.6	2.0	
			Pg	03 37 17.2	4.3	
			Sn	03 37 40.0	4.2	
			SMN	$M_L=3.2$	0.8	0.44
			SME		0.8	0.14

MAR 24d 07h 05m $51.7 \pm 0.04s$, SD1.14 / 109
 $47.64 S \pm 0.75km$, $165.26 E \pm 0.56km$, $h33 \pm 0.30km$
 Off west coast of South Island, N.Z. (161)
 $M_s 5.4 / 1$, $m_b 5.8 / 2$, $m_b 5.3 / 24$

QZN	82.9	308	eP	07 18 15.5	0.4	
			eS	07 28 32.0	1.7	
QZH	83.5	318	-P	07 18 19.0	0.4	
			PMZ	$m_b=6.0$	4.0	0.62
SSE	87.8	323	-P	07 18 40.8	1.2	
			PMZ	$m_b=5.3$	1.2	0.030
			S	07 29 12.0	-4.9	
			SS	07 35 12.0	4.3	
			LZ	$M_s=5.2$	20.0	0.90
NJ2	89.6	322	+P	07 18 49.0	0.9	
			LZ	$M_s=4.7$	20.0	0.31
WHN	90.3	318	P	07 18 52.0	0.8	
			PMZ	$m_b=5.9$	1.5	0.12
GYA	90.6	310	P	07 18 53.0	0.0	
KMI	91.6	306	-P	07 18 59.0	1.1	

MAR 25d 01h 10m $42.5 \pm 0.07s$, SD1.29 / 61
 $32.93 S \pm 1.04km$, $178.42 W \pm 0.78km$, $h34 \pm 0.30km$
 South of Kermadec Islands (179)

m _b 5.0 / 10,					M _s 7.4 / 27, m _b 6.1 / 9, m _b 5.7 / 67								
MDJ	90.5	326	eP	01 23 42.1	-1.0	MDJ	117.5	333	PKP	13 34 51.0	-0.3		
CN2	91.9	323	+P	01 23 49.0	-0.7				PP	13 36 06.0	-0.9		
MAR 25d 06h 22m 19.8 ± 0.04s, SD1.34 / 117									LZ	M _B =7.0		30.0	53.9
7.94 N ± 0.63km, 127.29 E ± 0.98km, h52 ± 0.21km									ePKP	13 34 52.0	-4.1		
Mindanao (259)									PP	13 36 20.0	-3.1		
M _s 4.7 / 5, m _b 4.8 / 28,									eSS	13 52 39.0	-5.2		
QZH	18.8	335	eP	06 26 37.0	-1.1				LN	M _B =7.1		20.0	20.0
			sS	06 30 12.0	-6.9				LE			20.0	14.0
			LZ	M _S =4.3		20.0	1.25	SNY	122.3	335	+PKP	13 35 01.4	0.7
GZH	20.2	320	+P	06 26 52.5	-0.1				PP	13 36 38.0	-1.8		
QZN	20.2	305	eP	06 26 52.6	-0.6				PPMZ			24.0	2.20
			eS	06 30 28.0	-4.0				PKS	13 38 30.0	-4.9		
			sS	06 30 47.0	-2.0				SKKS	13 43 26.0	-2.9		
			LE	M _S =5.0		18.0	4.00		SS	13 53 13.0	-2.5		
SSE	23.7	347	+P	06 27 30.5	2.2				LN	M _S =8.0		18.0	143
			PMZ	m _b =5.0		1.0	0.061		LE			16.0	38.6
			eS	06 31 36.0	-0.3				LZ	M _S =7.3		24.0	85.7
			sS	06 31 53.0	-3.9			DL2	125.6	335	ePKP	13 35 07.0	0.0
			LZ	M _S =4.2		20.0	0.80		PP	13 37 01.0	-0.8		
NJ2	25.2	343	+P	06 27 44.4	1.6				LN	M _S =7.1		22.0	16.3
			pP	06 27 58.2	3.2				LE			22.0	19.4
			eS	06 32 00.0	-2.0				LZ	M _S =6.8		30.0	30.9
			LZ	M _S =4.0		16.0	0.35	WMQ	126.1	7	iPKP	13 35 08.5	0.3
WHN	25.5	333	eP	06 27 47.0	1.4				PP	13 37 03.0	-2.4		
			LZ	M _S =4.3		18.0	0.70		PPMZ			18.0	1.20
GYA	26.9	316	P	06 27 58.6	0.3				SKS	13 42 14.0	-0.6		
TIA	29.6	343	eP	06 28 23.6	0.8			BJI	126.6	340	+PKP	13 35 10.0	0.9
XAN	31.0	329	eP	06 28 31.0	-4.1				ePP	13 37 09.0	0.5		
CD2	31.7	319	P	06 28 40.0	-1.3				PPMZ			15.0	1.05
			LZ	M _S =4.5		18.0	0.90	HHC	127.3	344	+PKP	13 35 10.8	0.2
TIY	32.5	338	-P	06 28 49.0	0.4				PP	13 37 07.0	-5.6		
			S	06 33 51.0	-7.0				PPMZ	m _B =6.0		11.0	0.75
			sS	06 34 22.0	1.4			KSH	127.7	19	-PKP	13 35 13.0	1.7
			LE	M _S =4.5		14.0	0.55		LE	M _S =7.6		11.0	34.8
			LZ	M _S =4.5		16.0	0.83		LZ	M _S =7.0		25.0	42.6
BJI	33.5	344	eP	06 28 56.5	0.0			BTO	127.9	346	PKP	13 35 13.0	1.2
			PMZ	m _b =5.4		1.0	0.061	TIA	129.7	337	PKP	13 35 16.1	1.1
			LZ	M _S =4.6		12.0	0.72		PP	13 37 26.5	-2.3		
SNY	33.9	355	eP	06 29 00.9	0.7				PPMZ	m _B =6.2		12.0	1.24
			PMZ	m _b =5.0		0.8	0.021	TIY	130.0	342	+iPKP	13 35 16.0	0.4
			pP	06 29 14.2	1.3				PP	13 37 32.0	1.5		
			S	06 34 24.0	5.0				PKS	13 38 56.0	6.7		
			LZ	M _S =4.5		21.0	0.86		LN	M _S =7.4		9.0	20.8
LZH	35.3	326	eP	06 29 11.5	-0.5				LZ	M _S =7.2		31.0	68.0
			PMZ	m _b =5.2		1.5	0.058	GTA	130.8	355	PKP	13 35 18.6	1.4
			pP	06 29 25.0	0.5				PP	13 37 30.0	-6.1		
			sP	06 29 33.0	3.0				SKKS	13 44 20.0	-4.2		
			eS	06 34 37.5	-3.6			SSE	132.2	330	+PKP	13 35 20.0	0.2
			LN	M _S =4.7		10.0	0.37		sPKP	13 35 30.0	0.6		
			LE			10.0	0.37		PP	13 37 44.0	-1.0		
			LZ	M _S =4.4		20.0	0.64		PPMZ			16.0	1.06
HHC	35.6	339	P	06 29 15.0	-0.2				PKS	13 38 50.0	-3.5		
CN2	35.8	358	eP	06 29 16.0	-0.1				SKKS	13 44 28.0	-5.0		
BTO	36.0	337	eP	06 29 16.0	-2.1				LN	M _S =7.7		14.0	48.7
			LN	M _S =5.0		15.0	0.80		LE			14.0	27.8
			LE			15.0	1.10		LZ	M _S =7.4		22.0	72.3
MDJ	36.6	3	eP	06 29 24.0	0.9			NJ2	132.5	332	+PKP	13 35 21.5	1.1
GTA	39.9	326	eP	06 29 50.4	-0.2				PP	13 37 46.0	-0.9		
WMQ	49.7	323	-iP	06 31 10.5	1.6				PPMZ			16.0	0.71
			S	06 38 15.5	4.3			LZH	133.5	350	ePKP	13 35 23.0	0.5
			LZ	M _S =4.6		20.0	0.65		sPKP	13 35 37.0	5.1		
KSH	55.6	313	P	06 31 55.0	2.0				ePP	13 37 55.0	1.4		
MAR 25d 13h 16m 06.5 ± 0.04s, SD1.31 / 412									PKS	13 38 54.5	-1.5		
9.91 N ± 1.11km, 84.79 W ± 0.83km, h24 ± 0.21km									SKKS	13 44 40.0	-1.6		
Off coast of Costa Rica (77)									LN	M _S =7.7		10.0	28.6
									LE			11.0	33.2

XAN	134.4	344	LZ	$M_s=7.3$	30.0	81.7	BTO	128.0	346	LZ	$M_s=6.8$	44.0	47.3
			PKP	13 35 25.2	1.2					+iPKP	13 42 01.0	0.5	
			PKS	13 38 56.0	-1.5					PP	13 44 02.0	-4.2	
WHN	135.8	336	LN	$M_s=7.5$	10.0	26.7				PPMZ	$m_B=7.0$	11.0	7.70
			ePKP	13 35 24.0	-2.4		TIA	129.7	337	SKKS	13 50 54.0	-1.6	
			sPKP	13 35 35.0	-1.0					PKP	13 42 04.7	0.9	
			PP	13 38 06.0	-1.4					PP	13 44 13.0	-4.8	
			PPMZ	$m_B=6.2$	11.0	1.38				PPMZ		12.5	8.91
			PKS	13 39 00.0	0.0		TIY	130.0	342	+iPKP	13 42 05.0	0.6	
			LE	$M_s=7.5$	11.0	30.8				PP	13 44 20.0	0.5	
			LZ	$M_s=7.2$	28.0	58.8				PPMZ	$m_B=7.0$	12.0	8.87
QZH	138.5	327	ePKP	13 35 28.0	-3.5					LN	$M_s=7.8$	10.0	47.3
			PP	13 38 20.0	-4.9		GTA	130.8	355	PKP	13 42 06.6	0.6	
			LE	$M_s=7.2$	36.0	43.7	SSE	132.3	329	+PKP	13 42 10.0	1.4	
CD2	138.6	349	PKP	13 35 32.2	0.5					PP	13 44 32.0	-1.9	
			RKS	13 39 08.8	3.8					PPMZ	$m_B=6.8$	12.0	5.40
			SKS	13 42 38.0	1.6					iPKS	13 45 40.0	-2.3	
			LE	$M_s=7.7$	9.0	32.0				SKS	13 49 16.0	1.3	
LSA	140.4	6	PKP	13 35 36.8	1.4					eSKKS	13 51 26.0	3.8	
			LE	$M_s=6.3$	13.0	2.00				SS	14 02 10.0	1.4	
GYA	142.2	343	PKP	13 35 34.0	-4.1					LN	$M_s=7.7$	18.0	63.2
			PP	13 38 44.0	-2.8					LE		18.0	44.2
			LN	$M_s=7.8$	20.0	51.7				LZ	$M_s=7.5$	20.0	87.3
			LE			68.2	NJ2	132.6	332	+iPKP	13 42 10.0	0.8	
			LZ	$M_s=6.9$	38.0	35.8				PP	13 44 34.0	-1.8	
GZH	142.7	332	PKP	13 35 36.0	-2.9					PPMZ	$m_B=6.9$	12.0	6.87
			PP	13 38 50.0	0.0					LZ	$M_s=7.1$	24.0	40.1
			LZ	$M_s=7.5$	13.0	51.0	LZH	133.6	350	+PKP	13 42 11.0	-0.3	
KMI	144.4	348	+PKP	13 35 40.0	-2.0					sPKP	13 42 19.0	-0.5	
			PPMZ	$m_B=6.1$	8.0	1.00				PP	13 44 40.3	-2.3	
			LN	$M_s=7.9$	14.0	79.5				PPMZ	$m_B=6.8$	12.0	5.59
QZN	147.8	333	PKP	13 35 47.0	-0.6					PKS	13 45 49.0	4.2	
			PP	13 39 21.0	0.2					SKKS	13 51 30.0	-1.0	
			SS	13 58 21.0	0.2					LN	$M_s=7.9$	20.0	133
			LE	$M_s=7.3$	20.0	27.2				LZ	$M_s=7.4$	24.0	82.9
<p>MAR 25d 13h 22m $54.7 \pm 0.07s$, $SD1.75 / 109$ $9.84 N \pm 1.61km$, $84.81 W \pm 1.23km$, $h21 \pm 0.29km$ Off coast of Costa Rica (77) $M_s 7.6 / 29$, $m_B 6.9 / 14$,</p>							XAN	134.5	344	PKP	13 42 15.0	2.2	
MDJ	117.5	333	+PKP	13 41 40.0	-0.1					PP	13 44 48.0	-0.2	
			PP	13 42 54.1	-1.8					PKS	13 45 44.0	-2.3	
			LE	$M_s=7.5$	13.0	44.5	WHN	135.8	336	LN	$M_s=6.8$	12.0	6.36
			LZ	$M_s=7.2$	24.0	72.6				PKP	13 42 17.5	2.3	
CN2	119.9	335	+PKP	13 41 43.0	-1.9					PKS	13 45 52.0	3.2	
			ePP	13 43 09.0	-3.0					SS	14 02 50.0	-0.8	
			eSS	13 59 29.0	-4.7					LE	$M_s=7.5$	11.0	30.8
			LN	$M_s=7.3$	23.0	39.0	QZH	138.6	327	LZ	$M_s=7.2$	28.0	58.8
			LE			29.0				+PKP	13 42 20.0	-0.3	
			LZ	$M_s=7.1$	30.0	64.0				PP	13 45 11.0	-2.8	
SNY	122.4	335	+iPKP	13 41 50.0	0.5					PPMZ		24.0	10.1
			PP	13 43 28.0	-0.8					PKS	13 45 56.0	2.4	
			PPMZ			14.0	GYA	142.2	343	SKKS	13 52 05.5	4.4	
			PKS	13 45 26.0	2.4					LE	$M_s=7.4$	40.0	74.8
			LN	$M_s=7.8$	14.0	65.0				PKP	13 42 22.0	-4.9	
			LE			37.2				LN	$M_s=7.8$	20.0	79.3
DL2	125.6	335	PKP	13 41 56.0	0.2					LE		20.0	45.5
			PP	13 43 47.0	-3.8					LZ	$M_s=7.1$	38.0	59.3
WMQ	126.2	7	iPKP	13 41 57.3	0.3		GZH	142.8	332	PKP	13 42 27.0	-0.6	
			PP	13 43 51.5	-2.9					PP	13 45 36.0	-2.9	
			PPMZ			20.0				PPMZ		16.0	15.4
			SKS	13 49 04.0	0.3					SS	14 04 13.0	1.2	
HHC	127.3	344	+PKP	13 42 00.8	1.5					LZ	$M_s=6.8$	20.0	15.4
			PP	13 44 01.0	-0.7					+PKP	13 42 30.0	-0.8	
KSH	127.7	19	PKP	13 42 02.0	1.9		KMI	144.5	348	PP	13 45 45.0	-4.1	
			PP	13 44 00.0	-4.5					SS	14 04 33.0	1.4	
			eSKS	13 49 07.0	0.4					LN	$M_s=7.6$	18.0	53.2
			LN	$M_s=7.5$	12.0	34.8				LE		18.0	24.8
							QZN	147.9	333	ePKP	13 42 37.5	1.1	
										PP	13 46 10.0	0.3	
										PPMZ	$m_B=7.2$	11.5	16.5



MAR 25d 14h 17m 18.3 ± 0.04s, SD1.44 / 125							
37.07 N ± 0.98km, 72.93 E ± 0.63km, h32 ± 0.18km							
Afghanistan-USSR border region (717)							
M _S 6.6/52, M _L 5.1/2, m _B 6.5/36,							
KSH	3.4	43	-Pn	14 18	13.5	3.8	
WMQ	13.1	54	+iP	14 20	24.5	-0.7	
			PMZ		m _B =7.0	6.0	17.1
			S	14 22	51.5	1.1	
			LN		M _S =7.0	11.0	463
LSA	16.9	110	P	14 21	11.4	-3.1	
			S	14 24	15.5	-3.6	
			LE		M _S =6.7	10.0	160
GTA	21.2	75	P	14 22	04.0	-0.1	
			PMZ		m _B =6.8	6.0	30.0
			PP	14 22	28.0	0.7	
			S	14 25	54.0	1.4	
			SS	14 26	32.0	5.2	
			LE		M _S =6.4	10.0	58.2
			LZ		M _S =6.4	14.0	101
LZH	24.8	83	-P	14 22	40.0	0.7	
			PMZ		m _B =5.9	2.5	1.11
			PMZ		m _B =6.7	6.0	17.5
			pP	14 22	47.5	-0.3	
			PP	14 23	19.0	3.4	
			S	14 26	57.0	0.7	
			sS	14 27	10.0	-1.4	
			LN		M _S =6.5	10.0	53.0
			LE			11.0	14.1
CD2	26.2	94	eP	14 22	52.6	0.1	
			PP	14 23	32.3	-2.1	
			eS	14 27	21.0	0.3	
			sS	14 27	41.6	6.3	
			LE		M _S =6.3	9.0	32.0
KMI	28.0	107	-P	14 23	09.0	-0.4	
			PMZ			3.0	0.40
			iS	14 27	48.5	-2.2	
			LN		M _S =6.5	12.0	38.3
			LE			9.0	25.2
BTO	29.0	71	P	14 23	18.0	0.5	
			epP	14 23	28.0	1.7	
			PP	14 24	11.0	0.0	
			S	14 28	06.0	1.8	
			SS	14 29	35.5	1.8	
			LN		M _S =6.8	16.0	109
			LE			16.0	110
			LZ		M _S =6.9	16.0	224
XAN	29.3	85	P	14 23	19.5	-1.2	
			S	14 28	10.0	0.0	
			LN		M _S =6.7	14.0	59.6
			LE			14.0	79.2
HHC	30.1	71	eP	14 23	27.2	-0.6	
			PMZ		m _B =6.2	6.0	2.95
			LN		M _S =6.7	12.0	62.8
			LE			12.0	32.0
GYA	30.4	101	-P	14 23	30.0	-0.5	
			PMZ		m _B =5.7	1.6	0.20
			pP	14 23	39.0	-0.4	
			S	14 28	31.0	3.6	
			LN		M _S =6.6	14.0	70.5
			LE			14.0	34.6
			LZ		M _S =6.0	16.0	28.9
TIY	31.2	77	-P	14 23	39.0	1.3	
			S	14 28	41.0	0.9	
BJI	33.7	71	eP	14 23	59.0	-0.1	
			PMZ		m _B =5.7	0.9	0.11
			PMZ		m _B =6.3	6.0	2.76
			ePcP	14 26	39.0	1.0	
			eS	14 29	20.0	0.5	
WHN	34.8	88	+iP	14 24	10.0	1.3	
			PMZ		m _B =5.9	1.0	0.19
			PMZ		m _B =6.6	6.0	5.56
			sP	14 24	22.5	0.9	
			S	14 29	38.0	2.1	
			LN		M _S =6.5	14.0	30.3
			LE			15.0	33.1
			LZ		M _S =6.2	20.0	46.7
TIA	35.2	78	P	14 24	12.8	0.6	
			PMZ		m _B =6.4	7.0	4.59
			S	14 29	49.0	6.7	
			SME			10.0	10.6
			LE		M _S =6.4	11.0	31.3
QZN	36.9	109	-P	14 24	26.5	0.1	
			S	14 30	09.0	0.8	
			SMN			12.0	7.10
			SME			11.0	10.4
			SS	14 32	43.0	5.3	
			LN		M _S =6.9	23.0	119
			LE			20.0	83.0
GZH	37.4	100	+P	14 24	31.4	1.2	
NJ2	37.9	84	+iP	14 24	36.4	2.0	
			PMZ		m _B =6.5	7.0	5.94
			pP	14 24	44.5	0.9	
			S	14 30	24.0	1.4	
DL2	38.1	72	P	14 24	37.0	0.9	
			PMZ		m _B =6.4	8.0	5.70
			S	14 30	30.0	4.3	
			SME			12.0	17.0
			LN		M _S =6.6	14.0	33.7
			LE			12.0	26.8
			LZ		M _S =6.2	18.0	33.1
SNY	38.9	67	eP	14 24	42.4	-1.0	
			PMZ		m _B =5.9	1.1	0.20
			PMZ		m _B =6.4	7.0	4.12
			sP	14 24	53.0	-3.5	
			PP	14 26	17.5	0.7	
			eS	14 30	42.0	2.1	
			LN		M _S =6.6	14.0	36.7
			LE			11.0	24.1
			LZ		M _S =6.4	22.0	62.8
CN2	40.0	63	-P	14 24	52.0	0.1	
			PMZ		m _B =5.6	1.0	0.10
			PMZ		m _B =6.5	5.0	3.70
			sP	14 25	06.0	0.9	
			eS	14 30	57.0	1.6	
			LN		M _S =6.8	15.0	54.0
			LE			15.0	56.0
			LZ		M _S =6.6	15.0	65.0
SSE	40.1	84	-iP	14 24	54.5	1.8	
			PMZ		m _B =5.6	1.0	0.097
			PMZ		m _B =6.5	7.0	5.80
			S	14 30	58.0	2.1	
			LN		M _S =6.7	14.0	48.7
			LE			14.0	27.8
QZH	40.6	94	-P	14 24	56.5	-0.7	
			PMZ		m _B =6.4	6.0	4.09
			S	14 31	02.0	-1.9	
			LN		M _S =6.5	12.0	30.7
			LE			12.0	13.0
			LZ		M _S =6.3	20.0	40.0
MDJ	42.8	61	-P	14 25	15.5	0.4	
			PMZ		m _B =6.0	1.5	0.40
			S	14 31	38.0	2.1	
			LE		M _S =6.6	18.0	57.3
MAR 25d 15h 10m 39.9 ± 0.04s, SD1.50 / 89							

36.96 N ± 0.85km, 72.98 E ± 0.69km, h33 ± 0.09km
Afghanistan-USSR border region (717)
M_S5.0 / 1, M_L4.9 / 1, m_b5.2 / 7

KSH	3.4	41	ePn	15 11 36.0	4.2		
			SMN	M _L = 4.9		1.0	3.20
			SME			1.0	3.90
WMQ	13.1	54	P	15 13 45.5	-1.5		
			S	15 16 13.6	1.2		
			LE	M _S = 5.0		10.0	4.72
LSA	16.8	110	P	15 14 32.2	-2.7		
GTA	21.2	75	-P	15 15 25.4	0.0		
LZH	24.8	83	eP	15 16 01.0	0.6		
			PMZ	m _b = 5.3		2.5	0.29
			pP	15 16 10.0	0.8		
CD2	26.2	94	P	15 16 14.0	0.5		
KMI	28.0	106	eP	15 16 29.0	-1.2		
			pP	15 16 35.5	-3.5		
BTO	29.0	71	eP	15 16 40.0	1.1		
XAN	29.3	85	P	15 16 41.0	-0.8		
GYA	30.4	100	P	15 16 51.2	-0.2		
			pP	15 17 04.2	3.7		
			S	15 21 52.0	4.3		
TIY	31.2	76	eP	15 16 58.8	-0.1		
BJI	33.7	71	eP	15 17 20.5	0.1		
WHN	34.8	88	-P	15 17 31.5	1.8		
NJ2	37.8	84	-P	15 17 57.0	1.5		
DL2	38.1	72	eP	15 17 58.5	1.1		
SNY	38.9	67	eP	15 18 04.0	-0.8		
			PMZ	m _b = 4.6		0.8	0.0090
			pP	15 18 13.7	-0.5		
			PcP	15 20 15.0	0.1		
CN2	40.0	63	eP	15 18 11.0	-2.4		
SSE	40.0	84	eP	15 18 11.0	-2.8		
MDJ	42.8	61	eP	15 18 36.0	-0.5		

MAR 25d 15h 46m 35.9 ± 0.03s, SD1.41 / 101
36.98 N ± 0.83km, 73.01 E ± 0.53km, h33 ± 0.10km
Afghanistan-USSR border region (717)
M_S5.3 / 9, M_L5.2 / 3, m_b5.2 / 9

KSH	3.4	41	ePn	15 47 32.5	4.9		
			SMN	M _L = 5.0		1.1	5.50
			SME			1.0	4.00
WMQ	13.1	54	-iP	15 49 41.7	-1.1		
			S	15 52 10.0	2.0		
			LN	M _S = 5.3		7.0	3.43
			LE			7.0	4.73
GTA	21.2	75	-iP	15 51 21.4	0.2		
			S	15 55 12.0	2.6		
			sS	15 55 25.0	1.1		
			LE	M _S = 5.1		12.0	3.46
			LZ	M _S = 5.1		16.0	5.54
LZH	24.7	83	-P	15 51 56.0	-0.3		
			PMZ	m _b = 5.4		2.0	0.27
			PMZ			3.0	1.07
			pP	15 52 03.0	-2.0		
			eS	15 56 14.5	0.4		
			sS	15 56 29.0	0.8		
			LN	M _S = 5.2		13.0	2.52
			LE			13.0	2.23
			LZ	M _S = 5.3		20.0	8.54
CD2	26.1	94	eP	15 52 09.8	0.4		
KMI	28.0	106	-P	15 52 25.5	-0.7		
			pP	15 52 33.5	-1.3		
			LN	M _S = 5.1		12.0	1.30
			LE			14.0	1.90
BTO	28.9	71	eP	15 52 35.0	0.2		
XAN	29.3	85	eP	15 52 37.0	-0.7		
HHC	30.1	71	eP	15 52 45.0	0.0		

GYA	30.4	100	-P	15 52 47.0	-0.4		
			sP	15 53 01.6	1.3		
TIY	31.2	77	eP	15 52 55.2	0.3		
BJI	33.7	71	eP	15 53 16.5	0.2		
			ePcP	15 55 55.5	0.1		
			LE	M _S = 5.8		15.0	10.3
			LZ	M _S = 5.6		16.0	9.61
TIA	35.2	78	P	15 53 30.1	0.7		
NJ2	37.8	84	+P	15 53 52.0	0.5		
DL2	38.0	72	eP	15 53 54.0	0.7		
SNY	38.9	67	eP	15 54 00.0	-0.7		
			PMZ	m _b = 4.8		0.9	0.015
			pP	15 54 09.4	-0.6		
			PcP	15 56 10.5	-0.6		
CN2	40.0	63	eP	15 54 08.8	-0.5		
SSE	40.0	84	eP	15 54 13.5	3.7		
			PMZ	m _b = 5.2		1.5	0.066
MDJ	42.8	61	eP	15 54 32.0	-0.5		

MAR 25d 21h 35m 23.9 ± 0.07s, SD1.42 / 80
9.73 N ± 1.41km, 84.54 W ± 1.17km, h31 ± 0.68km
Off coast of Costa Rica (77)
M_S6.0 / 1,

CN2	120.2	335	PKP	21 54 16.0	3.0		
			PP	21 55 43.0	1.8		
			LZ	M _S = 5.2		20.0	0.60
DL2	125.8	335	ePKP	21 54 23.0	-0.8		
WMQ	126.3	7	PKP	21 54 24.6	-0.2		
			PP	21 56 20.7	-2.0		
			LZ	M _S = 5.6		24.0	1.55
BJI	126.9	340	ePKP	21 54 26.0	0.1		
			ePP	21 56 25.0	-1.4		
			LZ	M _S = 5.5		20.0	1.02
HHC	127.5	345	ePKP	21 54 28.2	0.9		
			LZ	M _S = 5.9		22.0	2.71
KSH	127.8	19	PKP	21 54 29.5	1.7		
BTO	128.2	346	ePKP	21 54 28.5	0.0		
TIA	130.0	337	ePKP	21 54 31.4	-0.4		
TIY	130.2	342	ePKP	21 54 33.5	1.1		
			PP	21 56 51.0	2.5		
			PKS	21 58 07.0	0.9		
			LN	M _S = 6.0		22.0	2.00
			LZ	M _S = 5.7		22.0	1.56
GTA	130.9	356	PKP	21 54 34.5	0.6		
			LZ	M _S = 5.3		20.0	0.60
NJ2	132.8	333	ePKP	21 54 37.8	0.5		
LZH	133.8	351	ePKP	21 54 40.0	0.7		
WHN	136.0	336	-PKP	21 54 45.5	2.3		
GYA	142.4	343	PKP	21 54 53.2	-1.6		
KMI	144.6	349	+PKP	21 54 58.5	-0.3		
			PP	21 58 14.0	-3.8		
			LZ	M _S = 5.4		20.0	0.60
QZN	148.1	334	ePKP	21 55 06.5	2.1		
			SKKS	22 05 25.0	2.3		

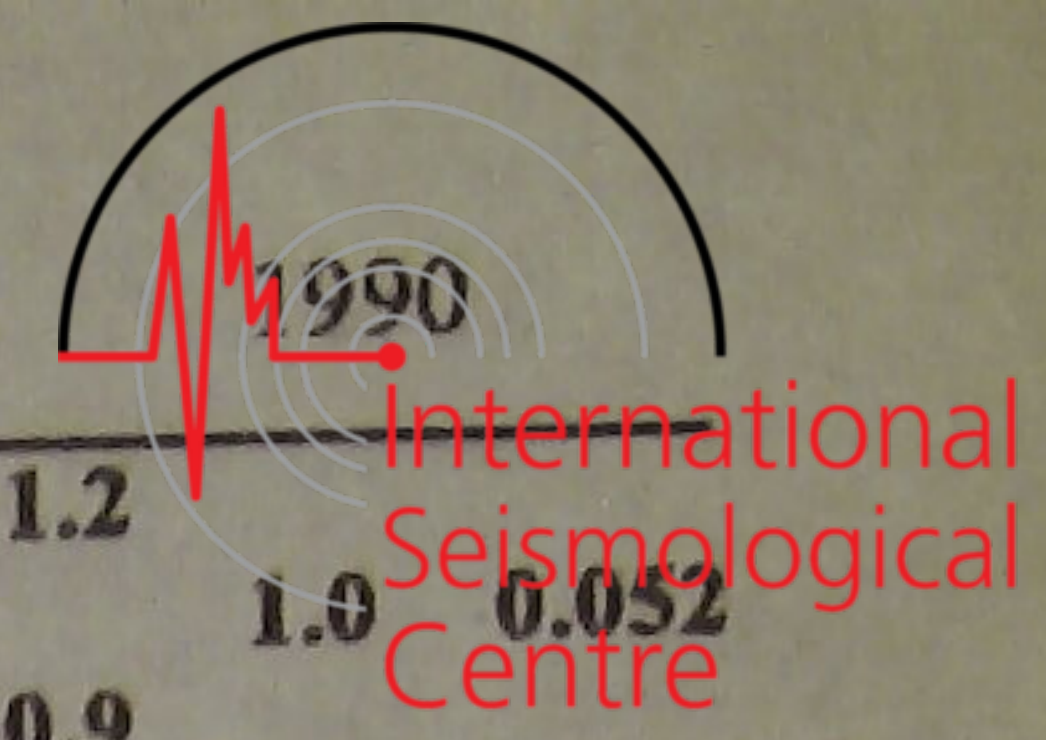
MAR 26d 04h 12m 42.3 ± 0.04s, SD1.20 / 80
5.21 S ± 0.85km, 102.49 E ± 1.22km, h34 ± 0.41km
South-west of Sumatera (273)
M_S4.9 / 6, m_b5.1 / 6,

QZN	25.2	17	eP	04 18 06.0	-0.2		
			eS	04 22 26.0	-0.6		
			LN	M _S = 4.8		16.0	1.82
KMI	30.2	0	-P	04 18 53.0	0.8		
GYA	31.7	7	P	04 19 05.6	-0.3		
			sP	04 19 18.8	-0.3		
			S	04 24 07.4	-4.1		
			LN	M _S = 4.9		15.0	1.30
			LE			15.0	0.70



CD2	35.9	2	eP	04 19 40.8	-1.2		
LSA	36.4	343	eP	04 19 46.0	-0.2		
			S	04 25 23.8	0.4		
WHN	37.3	17	eP	04 19 55.0	1.4		
NJ2	40.2	22	-P	04 20 18.0	0.5		
SSE	40.3	25	eP	04 20 19.0	0.8		
LZH	41.1	2	eP	04 20 26.0	0.8		
			PMZ	$m_b = 5.0$	2.2	0.053	
			pP	04 20 34.0	-0.5		
			sP	04 20 37.0	-1.6		
			LZ	$M_s = 4.7$	18.0	1.00	
TIY	43.7	11	eP	04 20 44.9	-1.5		
			S	04 27 11.0	-1.8		
			LN	$M_s = 5.1$	16.0	1.43	
			LZ	$M_s = 4.9$	18.0	1.22	
GTA	44.5	357	+iP	04 20 56.7	4.1		
			LN	$M_s = 4.9$	14.0	0.79	
			LZ	$M_s = 4.9$	16.0	1.17	
BTO	46.1	8	eP	04 21 05.5	-0.2		
			esP	04 21 20.0	0.9		
			eS	04 27 48.0	-0.7		
			LN	$M_s = 5.2$	15.0	1.20	
			LE		12.0	0.40	
			LZ	$M_s = 5.0$	15.0	1.20	
HHC	46.6	9	P	04 21 10.0	0.6		
BJI	46.8	14	eP	04 21 10.0	-0.6		
			LZ	$M_s = 4.9$	18.0	1.17	
WMQ	50.6	346	-iP	04 21 41.0	0.5		
			S	04 28 51.0	0.6		
KSH	50.8	333	eP	04 21 42.0	-0.2		
CN2	53.0	21	+P	04 21 57.0	-1.5		
			PMZ	$m_b = 5.3$	1.0	0.040	
			pP	04 22 07.0	-1.1		
			LZ	$M_s = 4.6$	20.0	0.60	
MDJ	55.2	23	eP	04 22 15.5	0.5		
MAR 26d 05h 24m $29.6 \pm 0.14s$, SD1.41 / 34							
26.72 S $\pm 0.59km$, 70.69 W $\pm 0.87km$, h19 $\pm 0.91km$							
Near coast of Northern Chile (122)							
KSH	149.4	57	PKP	05 44 15.0	0.7		
GTA	165.1	30	ePKP	05 44 34.6	0.9		
TIA	168.4	327	-PKP	05 44 37.0	1.0		
CD2	173.6	48	ePKP	05 44 40.2	1.4		
MAR 26d 11h 23m $09.5 \pm 0.09s$, SD1.66 / 79							
5.64 S $\pm 1.31km$, 112.88 E $\pm 1.23km$, h33 $\pm 0.06km$							
Java (277)							
$M_s 5.4 / 39$, $m_b 5.6 / 3$, $m_b 4.8 / 4$							
QZN	24.7	353	eP	11 28 32.0	2.8		
			PP	11 29 10.0	4.6		
			LE	$M_s = 5.6$	13.5	8.70	
GZH	28.6	1	eP	11 29 04.0	-0.8		
			LN	$M_s = 5.2$	16.0	2.90	
			LE		15.0	1.90	
			LZ	$M_s = 4.9$	18.0	2.70	
KMI	32.1	343	+P	11 29 39.5	2.6		
			pP	11 29 48.5	2.8		
			eS	11 34 52.0	5.3		
			LN	$M_s = 5.7$	11.0	2.10	
			LE		11.0	6.30	
			LZ	$M_s = 5.6$	12.0	7.80	
GYA	32.5	350	P	11 29 40.6	1.0		
			sP	11 29 54.0	1.5		
			LN	$M_s = 5.6$	15.0	3.90	
			LE		15.0	5.80	
			LZ	$M_s = 5.1$	18.0	3.10	
WHN	36.0	2	eP	11 30 07.5	-2.3		
			S	11 35 40.0	-5.1		

			sS	11 35 58.0	-3.2		
			LN	$M_s = 5.4$	13.0	1.10	
			LE			24.0	2.05
			LZ	$M_s = 4.8$			
CD2	37.4	347	eP	11 30 21.3	-0.1		
			eS	11 36 06.0	-1.2		
			LN	$M_s = 5.7$	9.5	4.00	
			LZ	$M_s = 5.4$	9.6	3.00	
SSE	37.4	12	eP	11 30 20.0	-1.4		
			ScP	11 36 20.0	-3.2		
			LN	$M_s = 5.2$	12.0	1.20	
			LE		13.0	1.40	
			LZ	$M_s = 4.8$	20.0	1.40	
NJ2	37.9	8	eP	11 30 25.0	-0.9		
			LN	$M_s = 5.2$	11.0	1.62	
			LE		12.0	0.64	
			LZ	$M_s = 4.8$	20.0	1.53	
XAN	39.6	355	P	11 30 41.5	1.2		
			S	11 36 41.6	1.1		
			LN	$M_s = 5.6$	12.0	2.59	
			LE		12.0	3.37	
LSA	40.9	331	eP	11 30 50.0	-0.9		
			LN	$M_s = 5.0$	14.0	1.15	
TIA	41.8	5	eP	11 31 02.0	3.7		
			eS	11 37 17.0	3.1		
			LN	$M_s = 5.5$	15.0	2.70	
			LE		13.0	1.71	
			LZ	$M_s = 5.3$	18.0	3.40	
LZH	42.4	349	eP	11 31 04.5	1.6		
			PMZ	$m_b = 5.0$	2.0	0.047	
			PMZ	$m_b = 5.3$	5.0	0.25	
			eS	11 37 22.0	-0.2		
			eSS	11 40 25.0	0.0		
			LN	$M_s = 5.5$	13.0	2.50	
			LE		10.0	1.70	
			LZ	$M_s = 5.5$	14.0	4.90	
TIY	43.1	359	eP	11 31 10.0	0.9		
DL2	45.1	10	eP	11 31 20.0	-4.5		
			LN	$M_s = 5.4$	13.0	1.87	
			LE		11.0	0.66	
			LZ	$M_s = 5.0$	16.0	1.50	
BJI	45.5	4	eP	11 31 28.5	0.0		
			PMZ	$m_b = 4.4$	1.0	0.0060	
			LN	$M_s = 5.2$	15.0	1.50	
			LZ	$M_s = 5.3$	18.0	3.23	
BTO	46.1	357	P	11 31 34.0	1.1		
			epP	11 31 45.0	3.0		
			ePP	11 33 21.0	0.4		
			S	11 38 17.0	2.3		
			LN	$M_s = 5.7$	12.0	2.00	
			LE		12.0	3.10	
			LZ	$M_s = 5.2$	15.0	2.30	
HHC	46.3	359	P	11 31 35.4	1.0		
			S	11 38 20.0	2.6		
			LN	$M_s = 5.6$	11.0	2.01	
			LE		12.0	2.14	
			LZ	$M_s = 5.3$	15.0	2.36	
GTA	46.4	346	eP	11 31 37.4	1.8		
			sS	11 38 38.0	2.1		
			LE	$M_s = 5.7$	14.0	4.25	
			LZ	$M_s = 5.2$	15.0	2.22	
SNY	48.2	11	eP	11 31 46.2	-3.4		
			SMN		6.0	0.47	
			SME		7.0	0.39	
			LN	$M_s = 5.3$	15.0	1.46	
			LE		15.0	1.14	
			LZ	$M_s = 5.1$	17.0	1.77	
CN2	50.5	12	P	11 32 06.0	-1.1		



WMQ	54.2 338	PMZ	$m_b = 4.7$	1.0	0.010
		LN	$M_s = 5.2$	14.0	1.00
		LE		14.0	0.80
		LZ	$M_s = 5.1$	17.0	1.80
		P	11 32 34.6	-0.3	
KSH	56.4 326	PP	11 34 36.5	-0.8	
		S	11 40 13.0	5.5	
		sS	11 40 22.0	-2.2	
		LN	$M_s = 5.3$	12.0	0.58
		LE		12.0	0.97
		LZ	$M_s = 5.2$	16.0	1.73
		eP	11 32 46.0	-4.8	
		LN	$M_s = 5.6$	12.0	2.10
LZ	$M_s = 5.4$	20.0	3.10		

NJ2	23.5 345	+iP	22 52 24.8	1.2	
		PMZ	$m_b = 4.9$	1.0	0.052
		eS	22 56 30.0	-0.9	
		LN	$M_s = 5.6$	14.0	9.25
		LE		11.0	1.24
WHN	23.6 335	LZ	$M_s = 5.0$	20.0	5.19
		-P	22 52 25.5	0.7	
		PMZ	$m_b = 5.4$	1.5	0.25
		PMZ	$m_b = 5.4$	4.0	0.74
		pP	22 52 35.0	-0.3	
		sP	22 52 40.0	0.0	
		S	22 56 33.0	0.7	
		LN	$M_s = 5.7$	15.0	12.5
		LE		14.0	8.50
		LZ	$M_s = 5.5$	16.0	11.8

MAR 26d 22h 08m $56.1 \pm 0.04s$, SD1.46 / 64
 44.39 N $\pm 1.37km$, 148.91 E $\pm 0.91km$, h37 $\pm 0.39km$
 Kurile Islands region (222)
 $m_b 4.8 / 5$

MDJ	13.8 278	+P	22 12 13.5	1.9	
CN2	16.9 276	+P	22 12 52.8	1.7	
SNY	18.7 271	+P	22 13 13.9	0.5	
BJI	24.5 271	eP	22 14 14.0	0.2	
TIA	25.5 262	+P	22 14 22.7	0.0	
NJ2	26.5 253	+P	22 14 35.0	2.9	
HHC	27.6 276	eP	22 14 41.8	-0.3	
TIY	28.1 269	eP	22 14 42.6	-4.7	
BTO	28.7 276	eP	22 14 54.0	1.2	
WHN	30.5 255	eP	22 15 07.5	-0.5	
		sP	22 15 22.5	0.2	
LZH	35.0 272	+iP	22 15 48.0	0.2	
		PMZ	$m_b = 5.3$	1.0	0.049
		pP	22 15 55.0	-2.6	
GTA	36.4 280	+P	22 15 59.6	-0.2	
CD2	37.7 265	eP	22 16 09.8	-0.8	
GYA	38.3 256	P	22 16 15.4	-0.1	
WMQ	43.0 292	-iP	22 16 54.5	0.0	

GYA	24.8 316	-P	22 52 38.4	1.9	
		PMZ		3.0	2.00
		sP	22 52 56.0	4.5	
		LN	$M_s = 5.9$	18.0	19.2
		LE		18.0	13.8
KMI	26.9 309	LZ	$M_s = 5.1$	24.0	7.20
		-P	22 52 57.0	0.8	
		PMZ	$m_b = 5.8$	2.0	0.40
		pP	22 53 09.0	2.5	
		S	22 57 27.0	-0.1	
TIA	27.9 345	LN	$M_s = 5.9$	20.0	20.9
		LE		20.0	11.4
		LZ	$M_s = 5.5$	26.0	15.3
		+P	22 53 04.0	-0.9	
		LN	$M_s = 5.6$	15.0	6.75
XAN	29.0 330	LE		13.0	4.29
		LZ	$M_s = 5.4$	20.0	9.61
		P	22 53 13.0	-2.2	
		eS	22 58 08.0	5.8	
		LN	$M_s = 5.9$	19.0	12.6
CD2	29.6 320	LE		19.0	15.2
		eP	22 53 19.7	-0.9	
		eS	22 58 15.0	3.1	
		esS	22 58 28.5	-1.6	
		LN	$M_s = 6.0$	17.0	25.0
TIY	30.7 339	LZ	$M_s = 5.6$	18.0	12.2
		eP	22 53 29.0	-1.1	
		PP	22 54 35.0	4.3	
		S	22 58 27.0	-0.6	
		LN	$M_s = 5.8$	15.0	11.2

MAR 26d 22h 47m $16.4 \pm 0.05s$, SD1.36 / 116
 9.31 N $\pm 0.66km$, 125.68 E $\pm 1.09km$, h42 $\pm 0.36km$
 Mindanao (259)
 $M_s 5.7 / 59$, $m_b 5.9 / 17$, $m_b 5.5 / 31$

QZH	17.0 337	eP	22 51 10.0	-2.3	
		LE	$M_s = 5.4$	14.0	9.90
		LZ	$M_s = 5.3$	24.0	16.6
GZH	18.1 321	-P	22 51 28.0	1.5	
		PMZ	$m_b = 6.1$	1.2	1.04
		PMZ	$m_b = 6.4$	5.0	8.70
		pP	22 51 38.0	2.7	
		S	22 54 47.0	3.9	
		LN	$M_s = 5.9$	18.0	41.0
		LE		15.0	7.50
		LZ	$M_s = 5.6$	20.0	29.6
QZN	18.1 304	-iP	22 51 27.0	0.1	
		PMZ	$m_b = 6.0$	5.0	3.60
		pP	22 51 36.0	0.3	
		sP	22 51 44.0	2.9	
		eS	22 54 45.0	0.5	
		LE	$M_s = 5.9$	15.5	33.6
		-P	22 52 10.0	0.3	
		PMZ	$m_b = 5.7$	1.0	0.34
SSE	22.1 350	PMZ	$m_b = 5.9$	4.0	2.40
		pP	22 52 18.0	-2.0	
		eS	22 56 06.0	0.6	
		sS	22 56 24.0	1.5	
		LN	$M_s = 5.4$	13.0	5.40
		LE		13.0	5.60
		LZ	$M_s = 5.3$	20.0	11.0

BJI	31.8 346	eP	22 53 38.0	-1.2	
		PMZ	$m_b = 5.9$	1.1	0.21
		PMZ	$m_b = 5.9$	4.0	0.81
		eS	22 58 43.0	-2.0	
		esS	22 59 03.0	-0.4	
SNY	32.4 357	LN	$M_s = 5.5$	14.0	1.72
		LE		16.0	5.56
		LZ	$M_s = 5.5$	20.0	8.98
		eP	22 53 44.8	-0.4	
		PMZ	$m_b = 6.2$	1.0	0.36
LZH	33.2 327	PMZ	$m_b = 6.1$	4.0	1.23
		pP	22 53 58.0	2.1	
		sP	22 54 06.0	5.4	
		iS	22 58 57.0	1.2	
		SME		6.0	0.90
		LN	$M_s = 5.4$	16.0	3.37
		LE		12.0	3.08
		LZ	$M_s = 5.5$	16.0	7.03
		eP	22 53 51.5	-0.9	
		PMZ	$m_b = 5.2$	2.5	0.11
		eS	22 59 11.5	2.9	
		SME		10.0	0.41



36.62 N ± 0.74km, 87.42 E ± 0.66km, h30 ± 0.03km
Southern Xinjiang Province (321)
M_S4.3 / 9, M_L4.5 / 3,

WMQ	7.2	2	Pn	22 00	15.2	0.1		
			Sg	22 02	19.5	2.8		
			LZ		M _S =3.7	14.0	0.76	
LSA	7.6	155	ePn	22 00	25.0	4.2		
			LN		M _S =4.1	7.0	0.41	
			LE			7.0	0.70	
KSH	9.5	291	eP	22 00	48.5	-1.2		
			eS	22 02	38.0	1.1		
			LE		M _S =4.8	7.0	3.20	
GTA	10.2	70	eP	22 00	58.4	-0.4		
			LN		M _S =4.2	10.0	1.09	
			LZ		M _S =4.2	9.0	1.00	
CD2	14.7	108	eP	22 02	00.4	0.6		
KMI	17.4	127	+P	22 02	33.5	-0.7		
			LN		M _S =4.3	9.0	0.50	
			LE			9.0	0.30	
			LZ		M _S =4.3	12.0	0.90	
XAN	17.7	92	P	22 02	37.3	-0.7		
BTO	18.1	70	eP	22 02	43.0	0.4		
			epP	22 02	50.0	0.3		
			eS	22 06	02.0	1.2		
			LN		M _S =4.2	14.0	0.60	
			LE			14.0	0.30	
GYA	19.2	116	P	22 02	55.6	-0.9		
			pP	22 03	03.6	-0.1		
			S	22 06	22.0	-3.9		
			LN		M _S =4.3	12.0	0.40	
			LE			12.0	0.50	
TIY	20.0	79	eP	22 03	09.0	4.7		
			LN		M _S =4.4	11.0	0.76	
			LZ		M _S =4.3	12.0	0.72	
BJI	22.8	73	eP	22 03	35.0	2.2		
			eS	22 07	38.0	2.6		
WHN	23.2	97	eP	22 03	37.0	0.0		

MAR 28d 23h 10m 22.4 ± 0.05s, SD2.65 / 16
27.29 N ± 0.44km, 101.91 E ± 0.55km, h18 ± 0.14km
Yunnan Province (318)
M_S3.9 / 2, M_L3.7 / 10,

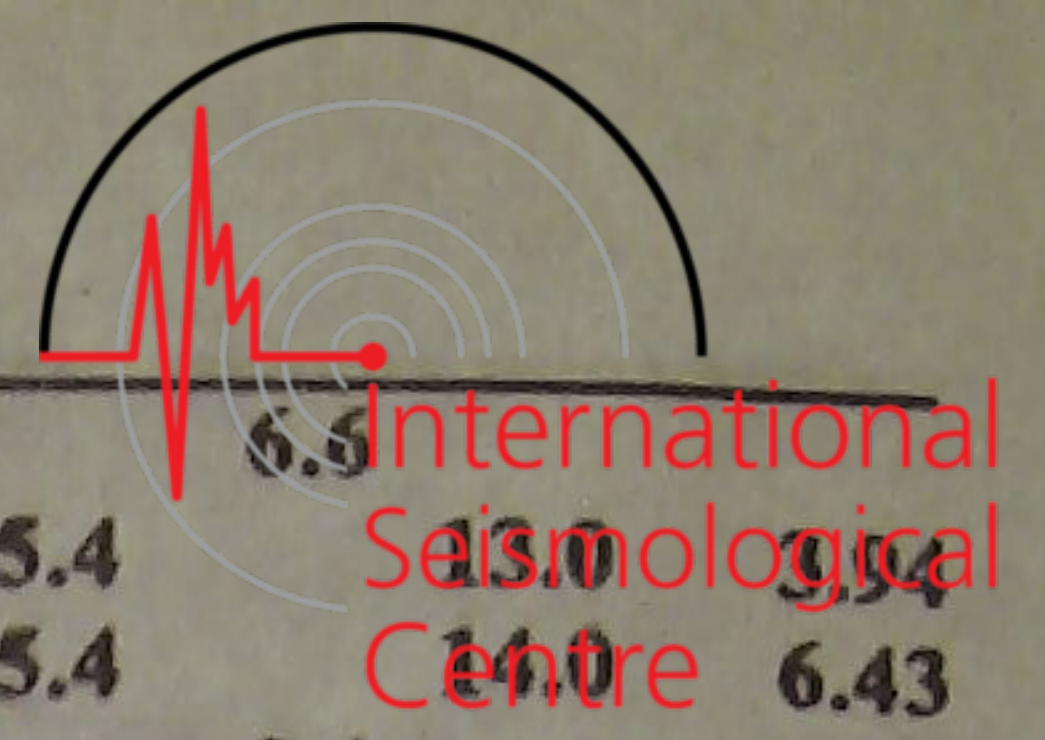
KMI	2.3	160	ePn	23 11	03.0	3.4		
			Pg	23 11	06.5	4.1		
			Sg	23 11	34.5	1.1		
			SMN		M _L =3.7	1.5	0.50	
			SME			1.5	0.40	
			LN			7.0	1.30	
			LE			7.0	2.60	
			LZ			8.0	1.10	
CD2	4.0	24	ePn	23 11	23.7	1.0		
			Pg	23 11	28.6	-3.6		
			Sg	23 12	19.6	-6.7		
			SMN		M _L =3.9	1.2	0.21	
			SME			1.2	0.34	
			LN		M _S =4.0	5.0	1.33	
GYA	4.3	100	Pg	23 11	36.8	-2.2		
			Sg	23 12	35.0	-3.0		
			LN		M _S =3.7	8.0	0.40	
			LE			8.0	0.70	

MAR 29d 01h 42m 24.4 ± 0.05s, SD2.39 / 25
20.75 S ± 2.89km, 175.91 W ± 1.18km, h29 ± 0.71km
Fiji region (181)

MDJ	81.9	324	eP	01 54	47.5	4.2		
CN2	83.7	322	P	01 54	51.0	-1.8		
BJI	87.5	315	eP	01 55	14.5	3.2		

MAR 29d 04h 34m 03.5 ± 0.03s, SD1.02 / 99
45.31 N ± 1.03km, 150.27 E ± 0.59km, h51 ± 0.38km
Kurile Islands (221)
M_S4.5 / 9, m_b5.1 / 22,

MDJ	14.7	275	eP	04 37	30.2	0.6		
			pP	04 37	34.5	-4.2		
			sP	04 37	44.0	-1.3		
			S	04 40	12.0	2.0		
			LE		M _S =4.2	15.0	1.00	
			LZ		M _S =4.4	24.0	2.50	
CN2	17.7	274	P	04 38	09.0	0.3		
			PMZ		m _b =4.7	1.0	0.040	
			pP	04 38	18.0	-0.5		
			sP	04 38	24.0	-0.8		
			eS	04 41	24.0	2.4		
			LN		M _S =4.3	14.0	0.40	
			LE			14.0	0.70	
			LZ		M _S =4.4	16.0	1.50	
SNY	19.6	269	+iP	04 38	30.0	-0.6		
			pP	04 38	40.0	-1.4		
			sP	04 38	46.0	-1.6		
			S	04 42	06.0	3.0		
			LE		M _S =4.3	14.0	0.73	
			LZ		M _S =4.2	20.0	0.97	
DL2	22.1	263	eP	04 38	57.0	0.7		
			PMZ		m _b =4.9	1.0	0.060	
			S	04 42	53.0	2.1		
			LZ		M _S =4.0	28.0	0.71	
BJI	25.5	270	eP	04 39	29.0	0.0		
			PMZ		m _b =5.0	1.0	0.042	
			eS	04 43	50.0	0.0		
			LZ		M _S =4.1	28.0	0.69	
TIA	26.5	262	-P	04 39	38.8	0.0		
SSE	26.7	248	+P	04 39	42.0	1.6		
			PMZ		m _b =5.3	1.0	0.066	
			pP	04 39	55.0	2.4		
			ePP	04 40	21.5	-3.9		
			eS	04 44	12.0	1.8		
			LZ		M _S =4.1	16.0	0.40	
NJ2	27.7	252	+P	04 39	48.5	-0.6		
			LZ		M _S =3.9	20.0	0.31	
HHC	28.4	275	P	04 39	56.0	0.0		
			S	04 44	38.3	1.4		
			LE		M _S =4.6	13.0	0.67	
			LZ		M _S =4.7	13.0	1.35	
TIY	29.1	268	+P	04 40	02.9	0.7		
			PMZ		m _b =5.1	0.8	0.030	
			S	04 44	48.5	0.6		
			LE		M _S =4.5	20.0	0.98	
			LZ		M _S =4.3	24.0	0.82	
BTO	29.6	275	eP	04 40	06.0	-0.6		
			epP	04 40	21.0	2.2		
			eS	04 44	56.0	-0.8		
			LN		M _S =4.7	15.0	0.60	
			LE			15.0	0.80	
WHN	31.6	255	+P	04 40	24.2	-0.2		
			PMZ		m _b =5.3	0.8	0.040	
			pP	04 40	31.0	-5.7		
XAN	33.4	265	P	04 40	39.0	-0.9		
LZH	36.0	272	+iP	04 41	02.0	0.3		
			PMZ		m _b =5.5	1.5	0.11	
			pP	04 41	14.0	-0.1		
			sP	04 41	23.0	3.5		
			LZ		M _S =4.2	26.0	0.50	
GTA	37.2	279	+iP	04 41	13.0	0.5		
			PMZ		m _b =5.2	1.0	0.038	
			PcP	04 43	32.6	1.8		
			LZ		M _S =4.4	18.0	0.59	



Station	Mag	Depth (km)	Phase	Time	Mag	Depth (km)	Phase	Mag	Depth (km)	Phase	Mag	Depth (km)	Phase	Mag	Depth (km)					
LSA	51.6	295	LZ	14 24	M _s = 4.7	18.0	0.88			S	16 30	35.0	6.5							
			+P	14 24	52.0	0.3	LE		M _g = 5.4	3.94										
			pP	14 24	59.9	0.8	LZ		M _g = 5.4	6.43										
WMQ	55.8	312	S	14 32		05.0	-3.2	GYA	30.7	105	P	16 25	31.4	0.1						
			+iP	14 25	23.0	0.2	sP				16 25	41.0	-1.3							
KSH	64.3	306	LZ		M _s = 4.7	24.0	0.77				PcP	16 28	26.0	-2.0						
			eP	14 26	22.0	1.2	S	16 30	35.0	4.2			ScP	16 32	09.0	1.3				
<p>MAR 29d 16h 19m 15.2 ± 0.03s, SD1.34 / 122 39.38 N ± 0.80km, 73.18 E ± 0.52km, h24 ± 0.08km Tadzhikistan (715) M_s5.4 / 50, M_L5.8 / 2, m_b5.6 / 8,</p>																				
KSH	2.1	85	+iPg	16 19	55.5	2.3		BJI	32.8	75	eP	16 25	49.5	-0.1						
			Sg	16 20	25.5	3.2	PMZ					m _b = 5.4	1.0	0.061						
			-iP	16 22	05.0	0.4	eS				16 31	06.0	1.3							
WMQ	11.7	63	LN		M _s = 5.8	5.0	6.40				eScP	16 32	15.0	0.2						
			LE			5.0	15.9	LN		M _g = 5.3	12.0	2.90								
			LZ		M _s = 5.4	13.0	21.0	LZ		M _g = 5.4	16.0	6.70								
LSA	17.6	118	+iP	16 23	20.8	-1.1		TIA	34.6	81	-P	16 26	05.4	0.5						
			sP	16 23	35.0	3.0	LN					M _s = 5.4	16.0	3.77						
			S	16 26	35.0	0.4	LZ					M _g = 5.0	20.0	2.85						
GTA	20.6	81	LN		M _s = 5.0	11.0	2.70	WHN	34.6	92	-P	16 26	05.7	0.7						
			LE			11.0	1.50				PMZ		m _b = 5.7	1.2	0.16					
			LZ		M _s = 4.9	10.0	3.20				pP	16 26	12.0	-0.8						
LZH	24.4	88	-iP	16 23	55.7	0.4					S	16 31	38.0	6.5						
			PMZ		m _b = 5.7	1.0	0.39	LN		M _s = 5.5	14.0	3.17								
			sP	16 24	05.0	-1.1														
CD2	26.3	99	sS	16 27	48.0	-2.4		DL2	37.2	75	eP	16 26	27.0	0.1						
			LE		M _s = 5.3	11.0	5.09				PMZ		m _b = 5.8	1.0	0.15					
			LZ		M _s = 5.2	14.0	6.44				sP	16 26	43.0	4.7						
BTO	28.1	76	-iP	16 24	35.0	1.5					S	16 32	06.0	-5.4						
			PMZ		m _b = 5.7	2.0	0.61	LN		M _s = 5.4	12.0	1.40								
			PMZ		m _b = 5.9	4.0	1.86	LE			13.0	2.30								
KMI	28.6	111	pP	16 24	40.5	-0.4		NJ2	37.5	87	+P	16 26	30.0	0.9						
			sP	16 24	44.0	-0.4														
			PP	16 25	07.0	-1.4														
XAN	29.0	89	esS	16 29	00.0	-1.5					PMZ		m _b = 5.2	1.2	0.050					
			SS	16 29	45.0	2.4														
			LN		M _s = 5.5	15.0	6.50	S	16 32	18.0	2.7									
HHC	29.2	75	LE			14.0	4.20	QZN	37.5	112	eP	16 26	29.8	0.1						
			LZ		M _s = 5.4	18.0	9.70				LE			14.0	4.24					
			P	16 24	52.0	0.8														
TIY	30.6	80	PMZ		m _b = 5.7	1.0	0.20				LZ		M _s = 5.3	14.0	3.56					
			eS	16 29	22.5	1.9														
			LN		M _s = 5.2	10.0	2.60													
SSE	39.7	87	LZ		M _s = 5.1	14.0	3.91	GZH	37.6	103	P	16 26	31.2	0.6						
			-iP	16 24	35.0	1.5														
			PMZ		m _b = 5.9	4.0	1.86													
SSE	39.7	87	pP	16 24	40.5	-0.4					eS	16 32	16.0	-2.8						
			sP	16 24	44.0	-0.4														
			PP	16 25	07.0	-1.4														

QZH	40.6	97	LZ	$M_s = 5.0$	18.0	2.00			pP	00 46 30.0	-4.3				
			eP	16 26 56.5	1.1			PP	00 46 36.0	-1.6					
			eS	16 33 05.0	1.2			S	00 49 36.0	0.6					
			LN	$M_s = 5.4$	14.0	1.70		PcP	00 50 41.0	1.1					
			LE		14.0	2.17		LN			11.0	1.50			
MDJ	41.5	64	LZ	$M_s = 5.3$	16.0	3.56			LE			11.0	0.90		
			eP	16 27 02.5	-0.4			LZ			14.0	1.90			
			pP	16 27 10.0	-0.7		DL2	18.6	359	P	00 46 16.6	0.0			
			S	16 33 16.0	-0.3				PMZ	$m_b = 5.6$	1.0	0.32			
			sS	16 33 29.0	-1.3			sP	00 46 53.0	-1.3					
			LE	$M_s = 5.5$	13.0	3.45			eS	00 49 37.0	0.4				
			LZ	$M_s = 5.7$	18.0	9.97			LE			10.0	1.13		
									LZ			16.0	0.96		
								TIY	19.3	336	-iP	00 46 25.2	0.4		
										PMZ	$m_b = 6.0$	0.8	0.65		
MAR 30d 00h 42m $06.8 \pm 0.03s$, SD1.20 / 133 20.27 N $\pm 0.57km$, 122.16 E $\pm 0.64km$, h128 $\pm 0.38km$ Philippine Islands region (248) $m_b 5.5 / 3$, $m_b 5.4 / 39$,															
QZH	5.7	325	+iP	00 43 28.5	-2.0				pP	00 46 47.0	-4.7				
			SMN			1.5	14.9		S	00 49 56.0	4.8				
			SME			1.5	12.7		LN			10.0	2.07		
GZH	8.7	290	-P	00 44 08.3	-2.3			LZ			15.0	2.60			
			S	00 45 40.0	-6.8			-iP	00 46 28.0	-0.2					
			LN			5.0	1.70	CD2	19.7	306	PMZ	$m_b = 5.6$	1.2	0.39	
SSE	10.8	356	LE			6.0	7.00		pP	00 46 51.9	-2.4				
			-P	00 44 38.5	-0.7			eS	00 49 59.9	1.6					
			PMZ	$m_b = 4.9$	1.2	0.028		LN			5.5	3.99			
			SMN			1.0	0.26		LZ			16.0	2.14		
			SME			1.0	0.22	BJI	20.4	347	+P	00 46 35.0	-0.3		
QZN	11.7	266	LN			9.0	1.10		PMZ	$m_b = 5.3$	1.0	0.16			
			LE			8.0	1.80		epP	00 46 58.0	-5.1				
			LZ			16.0	1.94		eS	00 50 12.0	0.6				
			-P	00 44 49.5	-1.0			eScS	00 57 48.0	0.1					
			S	00 46 53.5	-4.8			LE			12.0	0.82			
NJ2	12.1	346	LN			13.0	5.40		LZ			16.0	1.17		
			+P	00 44 55.0	-1.2			+iP	00 46 46.0	-1.0					
			S	00 47 09.0	0.5			PMZ	$m_b = 5.5$	1.0	0.22				
WHN	12.4	327	LN			11.0	1.39		pP	00 47 11.0	-2.8				
			LE			10.0	1.57		PP	00 47 19.0	1.5				
			LZ			14.0	1.18		S	00 50 35.0	2.8				
			-iP	00 45 00.5	0.1			SMN			10.0	1.92			
			PMZ	$m_b = 6.2$	0.6	0.26		SME			10.0	1.15			
GYA	15.5	296	PMZ	$m_b = 5.5$	7.0	0.65		LN			16.0	1.41			
			sP	00 45 37.5	3.2			LZ			16.0	1.76			
			S	00 47 16.0	-0.1			+iP	00 46 57.0	1.2					
			LN			9.0	3.26	HHC	22.4	339	pP	00 47 24.0	3.1		
			LE			8.0	3.73			PP	00 47 30.9	1.8			
TIA	16.5	346	LZ			18.0	1.82		S	00 50 49.7	1.7				
			P	00 45 40.0	0.1			SMN			9.0	2.80			
			S	00 48 28.0	0.6			SME			9.0	1.11			
			SMN			1.6	1.20		LN			12.1	1.62		
			SME			1.6	1.00	LZH	22.5	318	LE			12.0	0.78
XAN	18.1	322	ScP	00 53 57.8	2.0			LZ			17.0	1.79			
			PcS	00 54 11.2	2.1			-iP	00 46 57.5	0.8					
			ScS	00 57 35.6	2.5			PMZ	$m_b = 5.0$	1.4	0.11				
			LN			12.0	1.70		pP	00 47 27.0	4.8				
			LE			12.0	2.10		sP	00 47 39.5	1.7				
KMI	18.6	289	P	00 45 52.1	0.1			PcP	00 50 48.5	1.2					
			sP	00 46 22.5	-5.4			eS	00 50 49.0	-1.5					
			LN			14.0	1.34		SMN			10.0	2.57		
			LE			11.0	1.36		sS	00 51 40.0	-3.5				
			LZ			16.0	1.57		LN			7.0	0.89		
BTO	22.8	336	-P	00 46 10.6	-0.4			LE			9.0	0.80			
			PMZ	$m_b = 5.3$	1.0	0.13		LZ			14.0	1.50			
			S	00 49 31.0	6.4			+iP	00 47 00.0	0.8					
			LN			7.0	3.09		pP	00 47 26.0	1.1				
			LE			7.0	2.90		PP	00 47 36.0	2.0				

MAR 31d 19h 31m 41.8±0.03s, SD1.24 / 139										
43.04 N±0.98km, 146.94 E±0.73km, h19±0.21km										
Off coast of Hokkaido (225)										
M _s 5.9 / 61, m _b 6.2 / 46, m _b 5.7 / 37										
MDJ	12.6	283	+P	19 34 43.0	-0.6					
			PMZ		m _b =6.3	2.0	1.20			
			S	19 37 05.0	0.7					
			SS	19 37 20.0	1.0					
CN2	15.6	280	LE		M _s =5.8	14.0	38.7			
			+iP	19 35 21.0	-2.0					
			PMZ		m _b =5.2	1.0	0.10			
			PMZ		m _b =5.9	5.0	2.80			
			pP	19 35 30.0	1.4					
			sP	19 35 34.0	1.4					
SNY	17.3	274	eS	19 38 19.0	2.8					
			SS	19 38 38.0	4.2					
			LN		M _s =6.0	14.0	27.0			
			LE			14.0	37.0			
			LZ		M _s =6.0	16.0	63.0			
			+P	19 35 42.8	-1.1					
			PMZ		m _b =5.2	1.0	0.13			
			PMZ		m _b =5.9	10.0	5.65			
DL2	19.5	266	pP	19 35 50.6	0.9					
			sP	19 35 55.0	1.5					
			S	19 38 56.0	2.3					
			LE		M _s =5.7	12.0	18.1			
			LZ		M _s =5.7	16.0	28.3			
			+iP	19 36 10.0	-1.2					
BJI	23.2	273	PMZ		m _b =5.7	1.8	0.60			
			PMZ		m _b =6.3	5.0	7.58			
			LN		M _s =5.7	14.0	13.2			
			LE			15.0	13.4			
			LZ		M _s =5.4	16.0	13.5			
			+P	19 36 48.5	0.1					
			PMZ		m _b =4.9	1.5	0.069			
SSE	23.7	248	PMZ		m _b =6.1	5.0	4.03			
			epP	19 36 58.0	3.0					
			eS	19 40 54.0	-1.0					
			eScP	19 44 16.0	2.9					
			eScS	19 48 01.5	3.7					
			LN		M _s =5.9	14.0	9.03			
			LE			14.0	17.4			
			+P	19 36 56.0	2.8					
TIA	23.9	263	PMZ		m _b =6.0	2.0	1.25			
			PMZ		m _b =6.3	4.0	4.50			
			S	19 41 03.0	0.0					
			sS	19 41 20.0	5.3					
			LN		M _s =6.0	14.0	20.5			
			LE			16.0	19.5			
			LZ		M _s =5.7	20.0	23.0			
			+P	19 36 55.9	0.5					
			PMZ		m _b =6.2	6.0	5.64			
			pP	19 37 07.9	5.9					
NJ2	24.7	253	S	19 41 11.0	4.2					
			SMN			11.5	7.20			
			SME			11.5	7.79			
			LZ		M _s =5.3	21.0	11.0			
			+iP	19 37 05.0	1.5					
			PMZ		m _b =6.2	8.0	7.64			
			S	19 41 21.5	0.4					
HHC	26.3	277	LN		M _s =6.2	15.0	22.6			
			LE			14.0	37.0			
			LZ		M _s =5.8	20.0	31.4			
			+P	19 37 19.0	0.5					
			PMZ		m _b =6.2	1.6	0.93			
			PMZ		m _b =6.3	6.0	4.59			
GZA	36.6	256	sP	19 37 32.9	4.6					
			+iP	19 37 23.3	1.1					
			PMZ		m _b =6.9	2.2	6.67			
			PMZ		m _b =6.2	12.0	7.20			
			sP	19 37 34.5	2.4					
TIY	26.7	270	S	19 41 57.0	3.0					
			sS	19 42 12.5	6.4					
			LE		M _s =5.8	15.0	13.9			
			LZ		M _s =5.8	18.0	20.7			
			+iP	19 37 30.0	0.6					
			PMZ		m _b =6.2	7.0	3.50			
			pP	19 37 38.0	1.9					
			PP	19 38 18.0	1.4					
			S	19 42 08.0	1.2					
			sS	19 42 24.5	5.5					
BTO	27.5	278	LN		M _s =6.2	12.0	14.0			
			LE			13.0	28.0			
			LZ		M _s =6.0	13.0	24.6			
			+iP	19 37 47.5	0.7					
			PMZ		m _b =6.0	5.0	1.60			
			S	19 42 32.0	-5.9					
			sS	19 42 56.0	5.7					
			LN		M _s =5.7	15.0	9.65			
			LZ		M _s =5.7	16.0	12.5			
			+P	19 37 59.0	-0.5					
QZH	29.4	241	PMZ		m _b =5.9	2.0	0.47			
			PMZ		m _b =6.2	6.0	2.39			
			S	19 42 56.0	-4.3					
			LN		M _s =5.9	14.0	9.25			
			LE			14.0	8.68			
			+iP	19 38 24.5	0.4					
			PMZ		m _b =6.0	2.5	0.57			
			PMZ		m _b =6.1	6.0	2.04			
			pP	19 38 31.2	0.4					
			sP	19 38 36.5	2.6					
XAN	30.8	266	PP	19 39 36.2	0.3					
			LN		M _s =5.9	13.0	10.3			
			LE			15.0	5.90			
			LZ		M _s =5.8	15.0	15.2			
			+iP	19 38 29.0	0.8					
			S	19 43 48.0	-3.9					
			LN		M _s =6.2	15.0	21.2			
			LE			16.0	14.3			
			LZ		M _s =5.9	20.0	21.4			
			+iP	19 38 38.2	0.2					
GZH	34.2	245	PMZ		m _b =6.0	6.0	1.62			
			pP	19 38 47.0	2.3					
			sP	19 38 52.0	4.1					
			PP	19 39 58.0	1.4					
			LE		M _s =6.0	15.0	15.9			
			LZ		M _s =6.1	16.0	24.2			
			P	19 38 45.5	-0.2					
			PMZ		m _b =5.7	1.4	0.17			
			PMZ		m _b =6.1	5.0	1.61			
			pP	19 38 57.0	4.5					
GTA	35.3	280	PP	19 40 12.5	4.8					
			eS	19 44 20.2	-4.1					
			LN		M _s =6.2	16.0	25.9			
			LZ		M _s =5.8	14.0	10.2			
			+iP	19 38 49.2	0.0					
			PMZ		m _b =5.7	1.6	0.20			
			PMZ		m _b =6.1	5.0	1.70			
			CD2	36.2	265					

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			pP	19 39 00.0	4.0		
			PP	19 40 16.0	2.7		
			S	19 44 24.4	-5.3		
			sS	19 44 43.0	0.9		
			ScS	19 49 03.4	2.0		
			LN	$M_s = 6.2$	17.0	16.3	
			LE		17.0	22.4	
			LZ	$M_s = 5.8$	20.0	16.9	
QZN	39.3	244	eP	19 39 12.0	0.1		
			sP	19 39 27.0	5.0		
			eS	19 45 09.5	-2.5		
			SS	19 47 53.0	-4.1		
			LE	$M_s = 6.3$	17.0	25.8	
KMI	40.2	258	+P	19 39 20.5	1.1		
			pP	19 39 30.5	4.4		
			PP	19 40 54.0	-1.3		
			S	19 45 30.0	5.8		
			LN	$M_s = 6.0$	14.0	7.00	
			LE		14.0	8.40	
			LZ	$M_s = 6.0$	20.0	22.6	
WMQ	42.2	292	+iP	19 39 37.0	1.2		
			PMZ	$m_B = 6.5$	5.0	3.98	
			PcP	19 41 32.0	2.4		
			S	19 45 56.0	1.9		
			LN	$M_s = 6.6$	13.0	12.1	
			LE		13.0	40.7	
			LZ	$M_s = 6.5$	17.0	50.2	
LSA	46.1	272	P	19 40 07.2	-0.1		
			pP	19 40 16.2	2.4		
			PP	19 41 55.0	0.6		
			PcS	19 45 38.5	2.7		
			eS	19 46 51.0	-0.7		
			LN	$M_s = 5.7$	15.0	3.90	
			LE		15.0	3.40	
KSH	52.0	292	-iP	19 40 54.0	1.1		
			PMZ	$m_B = 6.3$	6.0	2.40	
			ePcP	19 42 06.0	1.7		
			eS	19 48 14.0	-0.4		
			LE	$M_s = 6.6$	14.0	27.9	
			LZ	$M_s = 6.6$	16.0	42.6	

MAR 31d 20h 19m 34.5 ± 0.07s, SD1.79 / 44
 40.01 S ± 1.37km, 45.77 E ± 1.31km, h10 ± 0.11km
 Atlantic-Indian Ridge (428)
 $m_b 5.2 / 9$,

LSA	81.2	39	eP	20 31 53.0	-0.2		
QZN	83.7	59	eP	20 32 02.6	-3.1		
GYA	87.1	52	P	20 32 25.6	2.9		
CD2	88.7	47	eP	20 32 31.1	0.6		
WMQ	91.6	29	eP	20 32 45.6	1.5		
GTA	93.2	39	eP	20 32 50.0	-1.4		

MAR 31d 20h 55m 33.4 ± 0.03s, SD1.20 / 85
 43.16 N ± 0.99km, 146.88 E ± 0.65km, h34 ± 0.35km
 Off coast of Hokkaido (225)
 $m_b 4.6 / 27$,

MDJ	12.6	283	eP	20 58 33.0	0.2		
CN2	15.6	280	eP	20 59 09.4	-2.9		
SNY	17.2	274	eP	20 59 31.0	-2.3		
			PMZ	$m_b = 4.4$	0.8	0.015	
			pP	20 59 37.2	-3.8		
DL2	19.5	266	eP	21 00 00.6	0.0		
BJI	23.1	273	eP	21 00 37.0	-0.6		
SSE	23.7	248	+P	21 00 45.5	2.6		
			PMZ	$m_b = 4.7$	1.0	0.029	
			sP	21 01 01.0	4.8		
TIA	23.8	263	eP	21 00 44.9	0.2		
NJ2	24.7	253	eP	21 00 54.2	1.1		

TIY	26.7	270	eP	21 01 12.7	1.2		
BTO	27.4	277	eP	21 01 19.0	0.4		
WHN	28.7	255	-P	21 01 31.0	0.9		
			pP	21 01 43.5	4.0		
XAN	30.8	266	P	21 01 48.3	-0.5		
LZH	33.6	273	eP	21 02 13.0	-0.3		
			PMZ	$m_b = 4.8$	1.0	0.016	
			sP	21 02 23.7	-2.9		
GTA	35.2	280	eP	21 02 27.2	0.2		
CD2	36.2	265	eP	21 02 34.8	-0.2		
GYA	36.6	256	P	21 02 38.6	-0.1		
KMI	40.2	258	eP	21 03 09.5	0.7		
WMQ	42.1	292	-iP	21 03 26.0	1.3		