



LN	$M_s = 4.9$	15.0	1.80
LE		15.0	0.40
LZ	$M_s = 4.6$	15.0	1.30

OCT 2d 13h 27m $05.5 \pm 0.05s$, SD1.19 / 85
 3.74 N $\pm 0.96km$, 95.75 E $\pm 0.66km$, $h60 \pm 0.25km$
 Off west coast of Northern Sumatera (705)
 $m_b 4.9 / 21$,

QZN	20.5	41	P	13 31 41.6	0.3		
			PMZ	$m_b = 4.9$	0.6	0.040	
			sS	13 35 45.0	2.8		
KMI	22.3	17	eP	13 32 02.0	2.3		
			pP	13 32 16.0	3.1		
			LZ	$M_s = 4.0$	16.0	0.40	
GYA	24.9	24	P	13 32 25.0	0.4		
LSA	26.2	351	eP	13 32 36.0	-1.1		
CD2	28.1	15	eP	13 32 53.1	-0.7		
WHN	31.9	31	eP	13 33 27.5	-0.5		
XAN	32.5	21	P	13 33 32.0	-1.5		
LZH	33.0	12	+P	13 33 36.5	-1.4		
			PMZ	$m_b = 4.8$	0.8	0.012	
			pP	13 33 51.5	-0.3		
NJ2	35.5	35	-P	13 33 59.5	0.3		
TIY	37.1	22	-P	13 34 12.4	0.0		
BTO	38.9	17	eP	13 34 26.6	-0.7		
HHC	39.6	19	P	13 34 34.5	1.3		
KSH	39.9	336	eP	13 34 36.0	0.3		
			S	13 40 37.0	2.4		
WMQ	40.5	351	P	13 34 37.0	-3.9		
			eS	13 40 45.5	0.2		
BJI	40.6	24	eP	13 34 42.0	0.8		
			PMZ	$m_b = 5.3$	0.9	0.042	
DL2	42.2	30	eP	13 34 55.0	0.7		
			PMZ	$m_b = 5.3$	1.0	0.050	
CN2	47.7	29	P	13 35 37.8	-1.1		

OCT 2d 14h 45m $30.3 \pm 0.06s$, SD1.96 / 56
 47.41 N $\pm 1.01km$, 89.52 E $\pm 0.80km$, $h22 \pm 0.54km$
 Northern Xinjiang Province (332)
 $M_s 4.6 / 18$, $M_L 5.3 / 4$, $m_b 4.5 / 8$

WMQ	3.8	200	-iPn	14 46 30.5	2.0		
			Sg	14 47 33.5	3.4		
			SMN	$M_L = 5.3$	1.0	6.90	
			SME		1.0	6.46	
GTA	10.9	133	eP	14 48 05.0	-4.2		
			LN	$M_s = 4.8$	5.0	1.70	
			LZ	$M_s = 4.3$	10.0	1.30	
KSH	12.6	236	P	14 48 33.0	1.0		
			S	14 50 55.0	2.6		
			LE	$M_s = 4.6$	6.0	1.10	
LZH	15.5	132	eP	14 49 10.0	-0.2		
			PMZ	$m_b = 4.4$	1.5	0.025	
			pP	14 49 16.0	0.0		
			LN	$M_s = 4.6$	7.0	0.75	
			LE		8.0	0.83	
			LZ	$M_s = 4.1$	10.0	0.53	
BTO	16.2	107	eP	14 49 21.0	2.1		
			LN	$M_s = 4.4$	10.0	0.70	
			LE		10.0	0.50	
HHC	17.1	104	eP	14 49 29.6	-0.5		
			pP	14 49 34.0	-2.0		
			LN	$M_s = 4.9$	4.0	0.83	
			LE		4.0	0.70	
TIY	19.4	112	eP	14 49 57.0	-1.1		
			LN	$M_s = 4.3$	10.0	0.46	
			LZ	$M_s = 4.5$	11.0	1.24	
CD2	19.8	141	eP	14 50 04.0	1.7		
XAN	19.8	125	P	14 50 00.8	-1.6		

			S	14 53 40.0	1.5		
			LN	$M_s = 4.5$	9.0	0.62	
			LE		10.0	0.43	
BJI	20.6	101	eP	14 50 09.0	-1.4		
			PMZ	$m_b = 4.6$	1.1	0.029	
			LN	$M_s = 4.5$	10.0	0.80	
			LZ	$M_s = 4.4$	12.0	0.96	
SNY	24.7	90	eP	14 50 49.8	-2.1		
GYA	24.9	141	P	14 50 54.0	0.4		
CN2	25.3	85	eP	14 50 59.0	2.2		
WHN	25.5	123	eP	14 51 00.5	1.8		
			sP	14 51 10.5	1.2		
			LN	$M_s = 4.5$	11.0	0.60	
NJ2	27.1	114	+P	14 51 11.4	-2.3		
QZN	32.8	143	eP	14 52 05.6	0.7		
			eS	14 57 19.0	-1.0		
			LE	$M_s = 4.9$	14.0	1.39	

OCT 2d 15h 06m $48.9 \pm 0.03s$, SD1.12 / 323
 23.93 S $\pm 1.09km$, 174.68 W $\pm 0.76km$, $h39 \pm 0.28km$
 South of Tonga (175)
 $M_s 5.5 / 8$, $m_b 5.9 / 14$, $m_b 5.7 / 64$

QZH	80.8	302	eP	15 19 01.0	-0.2		
			SKS	15 29 11.0	0.3		
SSE	82.2	309	+P	15 19 09.0	0.6		
			PMZ	$m_b = 5.4$	1.0	0.048	
			PMZ	$m_b = 5.6$	6.0	0.39	
			eS	15 29 16.0	-3.9		
			SKS	15 29 20.0	-0.4		
			SS	15 34 44.0	2.0		
			LE	$M_s = 5.1$	16.0	0.45	
			LZ	$M_s = 4.8$	20.0	0.46	
NJ2	84.4	309	-P	15 19 20.0	0.5		
			PMZ	$m_b = 5.9$	5.0	0.57	
			pP	15 19 33.0	2.7		
			PP	15 22 36.0	0.5		
			S	15 29 44.0	3.8		
			LZ	$M_s = 4.9$	32.0	0.85	
QZN	85.0	293	P	15 19 23.0	0.3		
			PP	15 22 40.0	-0.4		
			eS	15 29 49.5	1.5		
			LN	$M_s = 5.5$	15.0	0.93	
MDJ	85.1	324	-iP	15 19 23.5	0.6		
			PMZ	$m_b = 6.0$	1.0	0.17	
			PMZ	$m_b = 6.0$	6.0	1.00	
			pP	15 19 34.0	0.4		
			S	15 29 46.7	0.0		
			sS	15 30 05.8	-0.8		
			LZ	$M_s = 5.1$	28.0	1.11	
DL2	86.3	316	+P	15 19 30.0	1.1		
			PMZ	$m_b = 5.9$	1.0	0.11	
			SKS	15 29 52.0	4.0		
			LZ	$M_s = 4.9$	30.0	0.74	
SNY	86.8	319	+iP	15 19 31.0	-0.3		
			PMZ	$m_b = 5.5$	1.0	0.040	
			PMZ	$m_b = 5.9$	8.0	0.85	
			eSKS	15 29 54.0	2.9		
			S	15 30 10.0	6.7		
			SMN		9.0	0.52	
			SME		8.0	0.95	
			LZ	$M_s = 5.1$	40.0	1.70	
CN2	86.9	321	-P	15 19 31.8	0.1		
			PMZ	$m_b = 6.2$	1.0	0.20	
			pP	15 19 43.0	0.5		
			eS	15 30 07.0	1.2		
			LZ	$M_s = 5.2$	28.0	1.40	
WHN	86.9	305	-P	15 19 34.0	2.1		
			PMZ	$m_b = 5.5$	1.0	0.040	

			PMZ	$m_b = 5.9$	6.0	0.64	Fiji region				
			pP	15 19 46.5	3.8		$m_b 5.1 / 34,$				
			LZ	$M_s = 5.0$	20.0	0.63	QZH	74.3 303	-P	03 58 11.5	-1.1
TIA	87.8 311		-P	15 19 36.8	0.5		NJ2	77.6 310	+P	03 58 30.9	0.4
			LN	$M_s = 5.4$	38.0	1.66	MDJ	77.9 325	P	03 58 32.5	0.4
BJI	90.5 314		eP	15 19 49.0	0.2		DL2	79.3 317	eP	03 58 39.0	-0.4
			PMZ	$m_b = 6.0$	1.5	0.14			PMZ	$m_b = 4.8$	1.0 0.050
			PMZ	$m_b = 5.8$	8.0	0.55	SNY	79.7 320	eP	03 58 41.0	-0.5
			ePP	15 23 28.0	3.4		CN2	79.7 322	P	03 58 41.0	-0.7
			eSKS	15 30 18.0	4.1		WHN	80.3 306	eP	03 58 45.0	0.4
			eS	15 30 42.0	2.9		BJI	83.5 316	eP	03 59 00.0	-0.8
			LZ	$M_s = 5.1$	26.0	0.99			PMZ	$m_b = 4.3$	1.1 0.012
GYA	91.0 298		-P	15 19 52.2	0.8		GYA	84.7 300	P	03 59 07.0	0.1
			pP	15 20 04.2	2.1		TIY	84.9 312	eP	03 59 08.5	0.4
			SMN		8.0	0.60	XAN	85.9 308	P	03 59 13.0	0.2
			SME		8.0	1.70	LZH	90.6 308	-P	03 59 34.8	0.2
TIY	91.8 311		-iP	15 19 55.5	0.2				PMZ	$m_b = 5.0$	1.0 0.023
			PMZ	$m_b = 6.0$	1.1	0.10	OCT 4d 17h 33m $07.2 \pm 0.03s$, SD0.87 / 13				
			SKS	15 30 27.0	5.3		20.64 S $\pm 0.28km$, 179.10 E $\pm 1.26km$, h567 $\pm 0.16km$				
			S	15 30 54.0	4.6		South of Fiji (171)				
			LN	$M_s = 5.5$	17.0	0.92	$m_b 4.6 / 3,$				
			LZ	$M_s = 5.3$	34.0	1.73	MDJ	79.1 326	eP	17 44 15.5	0.3
XAN	92.6 306		P	15 19 59.5	0.6		CN2	80.8 324	eP	17 44 24.0	0.1
			SKS	15 30 29.0	2.7		OCT 4d 20h 57m $14.7 \pm 0.04s$, SD1.20 / 86				
			S	15 31 02.0	5.6		2.06 N $\pm 0.50km$, 126.67 E $\pm 0.89km$, h67 $\pm 0.23km$				
KMI	93.6 296		eP	15 20 05.0	1.4		Molucca Passage (266)				
			PMZ	$m_b = 5.9$	1.5	0.080	$m_b 4.9 / 24,$				
			pP	15 20 16.0	1.8		QZN	23.6 317	eP	21 02 17.5	-2.8
			S	15 31 08.0	3.0				S	21 06 29.0	3.1
HHC	93.9 313		LZ	$M_s = 5.3$	40.0	2.00	WHN	30.6 339	eP	21 03 28.0	2.8
			+P	15 20 05.6	0.8		NJ2	30.7 347	-P	21 03 26.5	0.5
			PMZ	$m_b = 5.9$	1.0	0.055	XAN	35.9 334	P	21 04 09.3	-1.3
			S	15 31 06.0	-1.6		DL2	37.0 353	eP	21 04 21.0	1.4
BTO	94.9 312		LZ	$M_s = 5.3$	25.0	1.34	TIY	37.8 341	-iP	21 04 29.4	2.5
			eP	15 20 09.5	0.4				LZ	$M_s = 4.2$	22.0 0.39
			SKS	15 30 40.0	1.4		BJI	39.0 347	eP	21 04 37.0	0.5
			S	15 31 16.0	0.5				PMZ	$m_b = 5.0$	1.0 0.024
CD2	95.2 301		eP	15 20 11.5	0.9		SNY	39.7 356	eP	21 04 40.5	-1.8
			eSKS	15 30 43.0	2.5				PMZ	$m_b = 4.7$	0.8 0.010
			eS	15 31 26.0	5.7		LZH	39.9 331	eP	21 04 45.5	1.1
			LZ	$M_s = 5.3$	28.0	1.57			PMZ	$m_b = 4.9$	1.8 0.032
LZH	97.3 306		-P	15 20 21.0	0.9				sP	21 05 08.0	-0.6
			PMZ	$m_b = 5.7$	1.5	0.028			LZ	$M_s = 4.5$	15.0 0.53
			PP	15 24 19.0	0.7		CN2	41.6 359	eP	21 05 00.0	2.1
			SKS	15 30 55.0	3.7		MDJ	42.5 3	+P	21 05 05.2	0.0
			S	15 31 40.0	4.0		LSA	43.5 313	eP	21 05 14.4	0.2
			sS	15 31 56.0	-0.2		GTA	44.5 330	eP	21 05 21.0	-0.9
			SS	15 38 20.0	1.6		WMQ	54.0 326	P	21 06 34.7	-0.5
			LZ	$M_s = 5.4$	40.0	2.56	KSH	59.2 316	iP	21 07 13.0	0.9
GTA	101.5 308		P	15 20 41.6	2.3				eS	21 15 19.0	5.4
			SKS	15 31 18.0	5.4		OCT 4d 01h 18m $00.8 \pm 0.06s$, SD1.75 / 23				
			LZ	$M_s = 5.4$	46.0	2.46	36.42 N $\pm 0.44km$, 77.81 E $\pm 0.67km$, h15 $\pm 0.14km$				
							Eastern Kashmir (302)				
							$M_L 4.7 / 4, m_b 4.0 / 3,$				
KSH	3.4 335		-iPg	01 19 02.0	0.4		NJ2	89.6 315	eP	24 01 24.3	-2.2
			SMN	$M_L = 4.6$	0.3	1.90			LZ	$M_s = 5.0$	20.0 0.61
			SME		0.4	1.80	WHN	90.9 311	eP	24 01 33.0	0.4
WMQ	10.6 43		-P	01 20 36.0	0.8				sP	24 01 51.5	3.8
			pP	01 20 39.3	-1.3		GYA	92.5 304	P	24 01 42.4	2.3
			SMN		0.8	0.040	CN2	95.9 326	eP	24 01 55.0	-0.3
			SME		0.8	0.060			epP	24 02 08.5	2.5
GYA	26.5 104		P	01 23 38.4	-1.2				eS	24 13 08.0	0.3
									LZ	$M_s = 5.1$	20.0 0.60
							XAN	96.6 310	P	24 02 00.0	1.4
							LZH	101.0 309	eP	24 02 19.5	0.8
							OCT 4d 03h 47m $28.6 \pm 0.04s$, SD1.00 / 111				
							17.77 S $\pm 0.72km$, 178.73 W $\pm 0.81km$, h546 $\pm 0.25km$				



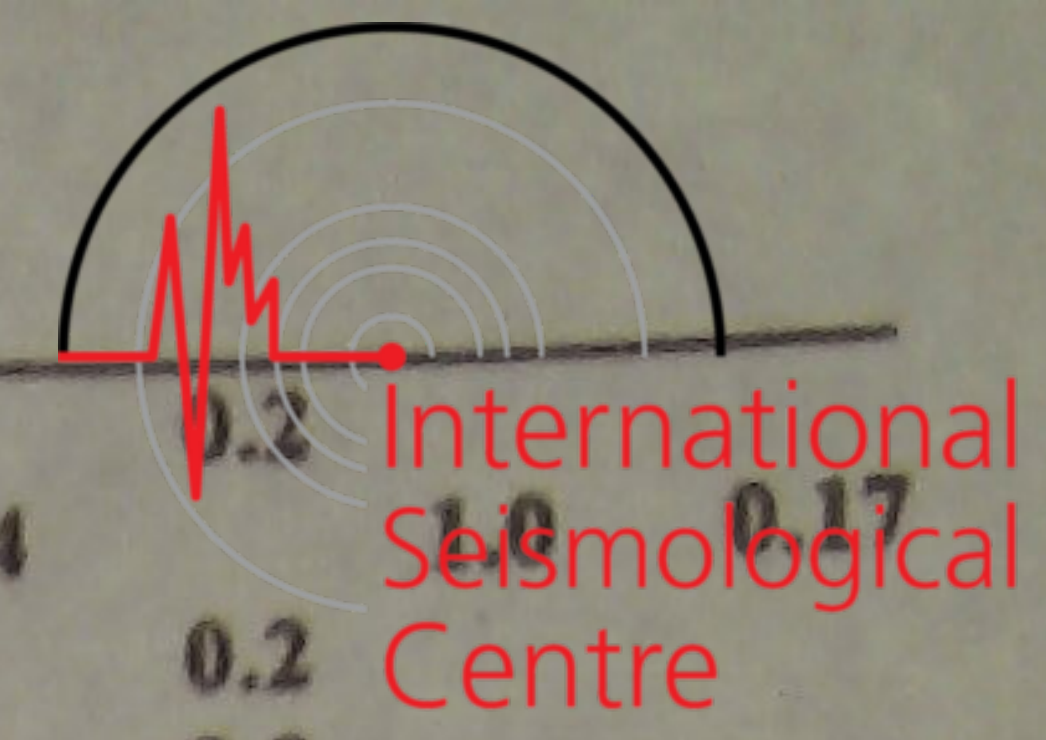
			PMZ	$m_b = 5.7$	1.2	0.15			LZ	$M_s = 5.3$	16.0	3.58
			pP	18 11 30.0	-0.1		GTA	42.7 359	+iP	18 13 07.8	0.3	
			S	18 16 20.8	1.4				PMZ		3.0	0.87
			sS	18 16 37.0	3.8				pP	18 13 15.5	0.2	
			LN	$M_s = 5.6$	13.0	4.80			eS	18 19 28.0	-1.9	
			LE		13.0	3.80			sS	18 19 39.0	-3.7	
			LZ	$M_s = 5.1$	16.0	3.50			LE	$M_s = 5.6$	18.0	4.83
QZH	33.2	30	eP	18 11 46.0	-1.0				LZ	$M_s = 5.4$	16.0	4.08
			eS	18 17 03.0	-1.3		BTO	44.7 10	-iP	18 13 24.0	0.5	
			LE	$M_s = 5.2$	16.0	2.95			ePP	18 15 10.0	1.3	
			LZ	$M_s = 5.2$	16.0	3.56			eS	18 19 58.0	-0.6	
LSA	34.3	345	P	18 11 57.6	0.2				LN	$M_s = 5.7$	14.0	4.40
			S	18 17 22.0	0.8				LE		12.0	1.50
			LN	$M_s = 4.9$	15.0	1.09	HHC	45.3 12	+iP	18 13 28.8	1.0	
			LE		15.0	0.86			PMZ	$m_b = 6.1$	1.2	0.31
CD2	34.4	5	P	18 11 56.4	-1.0				PP	18 15 17.0	3.3	
			PMZ	$m_b = 5.4$	1.1	0.070			S	18 20 10.0	5.0	
			S	18 17 25.3	3.3				LN	$M_s = 5.7$	13.0	2.70
			sS	18 17 39.4	3.5				LE		13.0	2.70
			LE	$M_s = 5.6$	15.0	5.65			LZ	$M_s = 5.6$	16.0	5.90
			LZ	$M_s = 5.7$	16.0	10.3	BJI	45.6 17	eP	18 13 31.0	0.6	
WHN	36.3	20	+P	18 12 14.5	0.9				PMZ	$m_b = 5.9$	1.2	0.23
			PMZ	$m_b = 5.4$	1.0	0.060			PMZ	$m_b = 5.8$	4.0	0.57
			PMZ	$m_b = 5.7$	5.0	0.60			ePcP	18 15 06.0	-2.3	
			pP	18 12 22.5	1.0				cS	18 20 12.0	1.0	
			eS	18 17 50.0	-2.4				LN	$M_s = 5.6$	13.0	3.28
			LE	$M_s = 5.5$	14.0	4.30			LZ	$M_s = 5.7$	16.0	6.68
			LZ	$M_s = 5.4$	16.0	5.40	DL2	46.4 23	+P	18 13 37.0	0.3	
XAN	38.2	11	P	18 12 29.3	-0.1				PMZ	$m_b = 5.7$	1.5	0.17
			PMZ	$m_b = 6.2$	1.0	0.40			eS	18 20 22.0	-0.4	
			PMZ	$m_b = 6.0$	4.0	1.10			LN	$M_s = 5.6$	15.0	3.34
			pP	18 12 37.0	-0.3				LE		14.0	1.80
			S	18 18 14.0	-6.1				LZ	$M_s = 5.8$	5.5	3.31
			sS	18 18 37.0	2.8				P	18 13 54.0	0.1	
			LN	$M_s = 5.7$	13.0	4.33	KSH	48.6 334	pP	18 14 03.0	1.3	
			LE		14.0	3.47			PP	18 15 47.0	1.3	
NJ2	39.3	25	+P	18 12 39.8	0.6				eS	18 20 53.0	-0.5	
			PMZ	$m_b = 5.5$	1.2	0.10			LN	$M_s = 5.1$	14.0	1.10
			eS	18 18 40.0	1.1		WMQ	48.6 347	+iP	18 13 54.5	0.6	
			LN	$M_s = 5.7$	17.0	3.39			PMZ	$m_b = 6.1$	1.2	0.35
			LE		16.0	6.45			PMZ	$m_b = 5.8$	6.0	0.73
			LZ	$M_s = 5.3$	16.0	3.24			pP	18 14 02.5	0.8	
LZH	39.5	4	+iP	18 12 41.5	0.5				ScP	18 19 13.0	2.5	
			PMZ	$m_b = 6.0$	2.0	0.46			S	18 20 56.0	3.8	
			pP	18 12 48.5	-0.2				ScS	18 23 43.5	2.4	
			PcP	18 14 48.0	-0.1				LE	$M_s = 5.3$	13.0	1.48
			S	18 18 40.0	-0.8				LZ	$M_s = 4.8$	28.0	1.38
			SME			8.0	0.36	SNY	49.7 22	+iP	18 14 00.0	-2.2
			PcS	18 18 38.5	1.8				PMZ	$m_b = 5.5$	1.2	0.080
			sS	18 18 56.0	1.1				pP	18 14 09.0	-1.2	
			SS	18 21 30.0	1.4				S	18 21 12.0	4.5	
			ScS	18 22 46.0	1.4				LN	$M_s = 5.8$	14.0	1.70
			LZ	$M_s = 5.5$	16.0	5.93			LE		15.0	4.10
SSE	39.5	28	+iP	18 12 42.0	1.0				LZ	$M_s = 5.7$	16.0	5.63
			PMZ	$m_b = 5.9$	1.2	0.25	CN2	52.1 23	+iP	18 14 19.2	-1.3	
			PMZ	$m_b = 5.9$	4.0	0.80			PMZ	$m_b = 6.0$	1.0	0.20
			pP	18 12 50.0	1.1				PMZ	$m_b = 5.8$	4.0	0.50
			ePP	18 14 18.0	2.1				pP	18 14 30.0	1.6	
			eS	18 18 48.0	5.8				LN	$M_s = 5.7$	14.0	3.30
			LN	$M_s = 5.7$	13.0	4.60			LE		14.0	0.40
			LE		12.0	1.61			LZ	$M_s = 5.7$	14.0	5.00
			LZ	$M_s = 5.0$	20.0	2.39	MDJ	54.4 25	+P	18 14 36.5	-1.4	
TIA	42.4	20	+P	18 13 04.2	-0.2				PMZ	$m_b = 5.2$	1.0	0.033
TIY	42.4	14	+P	18 13 05.5	0.5				pP	18 14 44.0	-1.9	
			PMZ	$m_b = 5.7$	1.2	0.16			eS	18 22 20.0	6.4	
			S	18 19 25.5	1.3				LN	$M_s = 5.8$	14.0	3.04
			sS	18 19 38.0	-0.2				LE		14.0	3.06
			LE	$M_s = 5.3$	14.0	2.20			LZ	$M_s = 5.2$	22.0	2.13



OCT 10d 01h 00m 05.4 ± 0.06s, SD1.38 / 425				OCT 10d 05h 54m 53.5 ± 0.03s, SD0.87 / 521			
19.42 S ± 1.14km, 66.58 W ± 1.10km, h266 ± 0.36km				23.46 S ± 0.74km, 179.06 E ± 0.74km, h550 ± 0.25km			
Southern Bolivia (125)				South of Fiji (171)			
m _B 5.9 / 21, m _b 5.6 / 59,				m _B 5.8 / 19, m _b 5.9 / 82,			
KSH	142.1	50	ePKP 01 19 09.0 1.9	TIV	161.8	3	+PKP 01 19 37.2 1.8
			SKKS 01 28 38.0 -1.9				pPKP 01 20 46.0 3.9
			LE 8.0 3.10				PP 01 24 07.0 -1.4
WMQ	147.5	36	PKP 01 19 17.5 1.1	TIA	163.0	350	LE 22.0 2.58
			pPKP 01 20 22.0 -0.5				LZ 27.0 2.49
			ePP 01 22 50.0 -0.9	XAN	164.9	14	PKP 01 19 37.2 0.7
			SS 01 41 30.0 1.0				pPKP 01 20 46.0 2.6
			LZ 24.0 2.02				PKP 01 19 40.0 1.5
MDJ	151.5	335	ePKP 01 19 22.5 0.0				SKKS 01 30 48.5 5.0
			pPKP 01 20 29.5 0.4				LN 8.0 0.82
			PKP2 01 19 40.2 0.8	CD2	165.6	35	LE 11.0 1.27
			PKS 01 22 56.0 1.6				PKP 01 19 40.8 1.7
			PP 01 23 10.0 -3.0				PKP2 01 20 44.0 4.5
			LN 13.0 0.89				PPMZ m _B =5.7 7.0 0.55
			LE 13.0 1.50	SSE	166.4	330	SKKS 01 30 52.5 5.4
			LZ 22.0 1.45				-PKP 01 19 42.5 2.8
CN2	153.7	340	-PKP 01 19 27.0 1.4				PKP2 01 20 45.0 1.1
			PKP2 01 19 51.0 2.3				PP 01 24 32.0 -1.0
			PP 01 23 30.0 4.5				PPMZ m _B =6.0 10.0 1.90
			PPMZ m _B =5.8 5.0 0.50				SS 01 44 50.0 1.0
			SS 01 42 41.0 4.7				LZ 20.0 1.40
SNY	156.1	341	-iPKP 01 19 30.0 1.3	NJ2	166.5	340	PKP 01 19 42.5 2.7
			PKP2 01 19 57.0 -1.7				PKP2 01 20 44.5 0.5
			pPKP 01 20 36.0 0.6				iPP 01 24 30.0 -3.4
			sPKP 01 21 00.0 -2.1				PPMZ m _B =6.1 5.0 1.21
			PP 01 23 36.0 -2.2				SS 01 44 50.0 0.2
			LN 32.0 2.31	KMI	168.6	58	+PKP 01 19 43.0 1.6
			LZ 24.0 1.94				PKP2 01 20 50.0 -3.1
GTA	156.9	28	-PKP 01 19 33.0 3.0				PP 01 24 46.0 2.2
			PKP2 01 20 02.0 -0.2				PPMZ m _B =5.8 7.0 0.80
			SKKS 01 30 06.0 3.4				SKKS 01 31 06.0 4.0
			SS 01 43 13.0 2.6				LZ 24.0 2.80
			LE 16.0 1.38	WHN	168.9	356	-PKP 01 19 43.5 2.2
			LZ 32.0 2.29				pPKP 01 20 50.5 2.3
LSA	157.3	59	PKP 01 19 32.5 1.5				PKP2 01 20 53.5 -0.9
			PP 01 23 40.7 -4.0				PP 01 24 45.0 -0.3
			SME 10.0 0.68				PPMZ m _B =5.9 6.0 0.90
			LN 15.0 0.76				ISS 01 45 11.0 -2.5
			LE 15.0 0.43	GYA	170.6	40	PKP 01 19 43.8 1.3
HHC	158.6	4	PKP 01 19 34.0 1.9				PKP2 01 21 01.0 -1.1
			pPKP 01 20 40.0 1.4				pPKP2 01 22 09.0
			SS 01 43 30.0 0.9				PP 01 24 56.0 2.1
			LZ 20.0 2.49				SKKS 01 31 16.0 3.8
BTO	158.7	7	PKP 01 19 33.0 0.8	QZH	172.7	320	+PKP 01 19 45.0 1.6
			pPKP 01 20 43.0 4.3				pPKP 01 20 53.0 2.5
			ePP 01 23 56.0 3.8				PKP2 01 21 14.0 2.7
			SS 01 43 32.0 1.7				PP 01 25 06.0 1.9
BJI	159.3	354	ePKP 01 19 34.5 1.7				PPMZ m _B =6.0 11.0 2.46
			PKP2 01 20 11.0 -1.7	GZH	176.4	1	PKP 01 19 45.0 0.4
			PP 01 23 56.0 0.7	QZN	176.6	96	PKP 01 19 47.5 2.9
			PPMZ m _B =5.9 8.0 0.92				PP 01 25 26.0 3.6
DL2	159.3	342	PKP 01 19 34.0 1.2				PPMZ m _B =6.1 7.0 2.10
			PKP2 01 20 15.0 2.2				SKKS 01 31 41.0 0.9
			PP 01 23 55.0 -0.3				SS 01 46 27.5 1.4
			LN 13.0 1.56	OCT 10d 05h 54m 53.5 ± 0.03s, SD0.87 / 521			
			LE 13.0 1.54	23.46 S ± 0.74km, 179.06 E ± 0.74km, h550 ± 0.25km			
			LZ 22.0 0.91	South of Fiji (171)			
LZH	161.4	25	PKP 01 19 37.0 1.9	QZH	75.8	305	eP 06 05 45.5 0.1
			PKP2 01 20 24.0 2.4				PMZ m _B =5.4 8.0 1.27
			SKS 01 26 12.5 1.8				S 06 14 39.0 -3.5
			SKKS 01 30 30.0 3.8	SSE	77.6	312	-P 06 05 54.0 -0.8
			SS 01 44 00.0 2.6				PMZ m _B =5.3 1.0 0.14
			LZ 25.0 2.30				PMZ m _B =5.5 4.0 0.96
							S 06 14 58.5 -2.3
				GZH	78.8	301	+P 06 06 02.3 0.6
							S 06 15 16.0 1.8



QZN	79.6	296	eP	06 06 06.4	0.6					SKS	06 16 33.0	-2.9					
			PMZ		$m_b = 5.7$	0.8	0.25			LZH	92.4	308	-iP	06 07 08.5	0.8		
			S	06 15 18.0	-4.2								PMZ		$m_b = 6.2$	2.5	0.54
NJ2	79.7	311	-iP	06 06 06.5	0.2								PMZ		$m_b = 5.8$	6.0	0.57
			PMZ		$m_b = 5.6$	1.1	0.31						pP	06 09 10.5	2.7		
			PMZ		$m_b = 5.6$	5.0	1.42						SKS	06 16 44.0	-3.3		
MDJ	81.4	327	-iP	06 06 15.0	-0.1					GTA	96.7	310	-iP	06 07 26.8	-0.6		
			PMZ		$m_b = 5.9$	1.0	0.47						S	06 17 17.0	-4.6		
			PMZ		$m_b = 6.1$	4.0	3.30						PMZ		$m_b = 6.0$	1.5	0.20
			pP	06 08 14.0	1.5								PP	06 11 34.0	0.5		
			S	06 15 40.0	-0.2								SKS	06 17 08.1	-2.0		
WHN	82.0	308	-iP	06 06 19.0	0.8								S	06 17 53.0	-5.1		
			PMZ		$m_b = 5.7$	1.2	0.32						LZ			24.0	0.64
			PMZ		$m_b = 5.8$	4.0	1.60			WMQ	106.8	311	Pdif	06 08 11.4	-0.7		
			S	06 15 46.0	-0.5					KSH	114.3	304	PKP	06 12 33.5	1.4		
			SMN			6.0	1.60			OCT 10d 07h 45m 07.5 ± 0.03s, SD1.04 / 100							
			SME			6.0	0.65			1.61 S ± 0.64km, 99.49 E ± 0.77km, h57 ± 0.37km							
DL2	82.1	318	P	06 06 18.4	0.2					South-west of Sumatera (273)							
			PMZ		$m_b = 5.5$	1.2	0.21			$M_s 4.9 / 14, m_b 5.2 / 33,$							
			PMZ		$m_b = 5.8$	5.0	1.77			QZN	22.9	26	eP	07 50 08.4	1.0		
			pP	06 08 15.0	-0.9								PMZ		$m_b = 4.8$	0.8	0.040
			S	06 15 42.0	-4.5								eS	07 54 03.0	-5.5		
SNY	82.8	322	-iP	06 06 21.0	-0.8								sS	07 54 27.5	-3.0		
			PMZ		$m_b = 5.6$	1.2	0.25						LN		$M_s = 4.7$	12.5	1.29
			PMZ			3.0	1.37			KMI	26.8	7	+P	07 50 45.0	0.3		
			SMN			8.0	0.86						PMZ		$m_b = 5.3$	1.5	0.10
			SME			8.0	0.43						pP	07 51 01.5	3.9		
CN2	83.0	324	-iP	06 06 23.0	-0.2								LZ		$M_s = 4.5$	20.0	1.40
			PMZ		$m_b = 6.0$	1.0	0.50			GYA	28.7	13	P	07 51 01.8	-0.5		
			PMZ		$m_b = 6.2$	4.0	3.60						pP	07 51 18.8	3.3		
			SKS	06 15 45.0	-4.6								S	07 55 43.0	-1.9		
			S	06 15 52.0	-4.0								LN		$M_s = 4.9$	14.0	1.50
TIA	83.3	314	-P	06 06 24.8	0.2								LE			14.0	0.90
			PMZ		$m_b = 6.1$	1.2	0.72						LZ		$M_s = 4.6$	16.0	1.20
GYA	85.8	301	P	06 06 37.0	0.2					LSA	32.1	346	eP	07 51 33.6	1.0		
			PMZ		$m_b = 5.5$	1.4	0.16			CD2	32.6	7	P	07 51 35.0	-1.2		
			pP	06 08 39.4	3.9								eS	07 56 41.0	-5.4		
BJI	86.1	317	-P	06 06 38.0	-0.2								LZ		$M_s = 4.8$	18.0	1.91
			PMZ		$m_b = 6.3$	2.0	1.38			WHN	35.0	23	-P	07 51 57.0	0.4		
			eSKS	06 16 09.0	-1.0								eS	07 57 22.0	-1.1		
			eS	06 16 27.0	-0.1								LN		$M_s = 4.9$	14.0	1.20
TIY	87.3	313	-iP	06 06 44.5	0.8								LZ		$M_s = 4.4$	24.0	0.80
			PMZ		$m_b = 6.3$	1.2	0.63			XAN	36.5	13	+iP	07 52 09.6	-0.5		
			pP	06 08 44.0	1.1								PMZ		$m_b = 5.5$	1.0	0.080
			SKS	06 16 17.5	0.2								pP	07 52 28.0	4.4		
			S	06 16 42.0	6.1								S	07 57 43.0	-3.6		
XAN	87.8	309	-iP	06 06 46.6	0.4								LN		$M_s = 5.2$	16.0	1.92
			PMZ		$m_b = 6.2$	1.0	0.40						LE			15.0	1.23
			PMZ		$m_b = 6.1$	5.0	1.73			LZH	37.7	6	P	07 52 20.0	0.0		
			pP	06 08 43.0	-2.5								PMZ		$m_b = 5.2$	2.5	0.10
			SKS	06 16 20.0	-0.5								pP	07 52 34.5	1.0		
			S	06 16 42.0	1.3								eS	07 58 05.0	-0.7		
KMI	88.3	298	-iP	06 06 49.5	0.8								LN		$M_s = 4.8$	15.0	0.86
			PMZ		$m_b = 6.0$	2.4	0.58						LZ		$M_s = 5.0$	11.0	1.30
			pP	06 08 50.0	2.0								LN		$M_s = 4.9$	12.0	0.72
			sP	06 09 44.5	2.5								LE			13.0	0.63
			SKS	06 16 26.0	2.4								LZ		$M_s = 4.5$	18.0	0.66
			S	06 16 48.0	2.7								P	07 52 26.7	0.3		
HHC	89.5	316	eP	06 06 54.4	0.2					SSE	38.5	31	P	07 52 26.7	0.3		
			PMZ		$m_b = 6.0$	5.0	1.05						PMZ		$m_b = 4.9$	0.8	0.016
			pP	06 08 53.0	-0.9								LZ		$M_s = 4.8$	20.0	1.38
			SKS	06 16 30.0	-0.8								LZ		$M_s = 4.8$	20.0	1.38
CD2	90.1	304	P	06 06 57.8	0.8					GTA	40.8	0	+iP	07 52 46.5	0.8		
			PMZ		$m_b = 6.2$	1.2	0.40						sP	07 53 07.2	1.8		
			pP	06 08 56.0	-1.0								LE		$M_s = 4.7$	14.0	0.53
			SKS	06 16 33.0	-1.4								LZ		$M_s = 4.6$	22.0	0.99
			S	06 17 04.5	2.9								eP	07 52 45.5	-0.9		
BTO	90.4	315	+iP	06 06 58.5	0.3					TIY	40.9	16	S	07 58 53.0	0.5		



BTO	43.1	12	LE	$M_s = 4.8$	17.0	0.91	LZH	32.0	295	-iP	08 28 48.0	0.2	International Seismological Centre
			LZ	$M_s = 4.7$	22.0	1.04	PMZ	$m_b = 5.4$					
			eP	07 53 04.0	-0.3		pP	08 29 59.5	0.2				
			eS	07 59 23.0	-2.6		eS	08 33 30.0	-2.0				
			LN	$M_s = 5.1$	16.0	1.40	GTA	35.6	300	-iP	08 29 17.8	-0.1	
HHC	43.7	13	LE		16.0	0.70	PMZ	$m_b = 4.8$		0.8	0.040		
			P	07 53 09.7	0.7		PcP	08 31 37.2	0.2				
			eP	07 53 13.0	0.1		S	08 34 22.5	-2.6				
BJI	44.2	18	PMZ	$m_b = 5.3$	1.0	0.042	ScP	08 34 45.2	0.5				
			S	07 59 38.0	-2.2		ScS	08 38 48.4	-1.3				
DL2	45.2	24	LZ	$M_s = 4.5$	20.0	0.60	LSA	42.9	285	eP	08 30 19.4	1.1	
			eP	07 53 21.5	0.6		WMQ	45.0	306	-iP	08 30 35.0	0.3	
			PMZ	$m_b = 5.4$	1.0	0.050	PMZ	$m_b = 4.8$		1.5	0.090		
KSH	46.3	335	P	07 53 30.5	0.6		pP	08 31 50.5	0.1				
			eS	08 00 11.5	-0.2		PcP	08 32 08.0	0.1				
WMQ	46.4	348	+iP	07 53 32.5	1.5		ScP	08 35 22.5	0.8				
			PMZ	$m_b = 5.6$	1.5	0.13	S	08 36 42.3	-1.2				
SNY	48.4	24	-P	07 53 45.8	-0.7		ScS	08 39 47.5	0.9				
			LZ	$M_s = 5.1$	16.0	1.52	SS	08 40 07.3	-1.6				
MDJ	53.3	27	P	07 54 23.0	-0.2		KSH	54.0	301	P	08 31 43.0	0.9	
			PMZ	$m_b = 5.0$	1.0	0.019	sP	08 33 43.0	0.7				
							eS	08 38 48.0	0.2				
<p>OCT 10d 08h 22m 53.3 ± 0.03s, SD1.05 / 229 27.23 N ± 0.66km, 140.19 E ± 0.58km, h385 ± 0.14km Bonin Islands region (212) $m_b 5.1 / 74$,</p>							<p>OCT 10d 13h 22m 58.4 ± 0.03s, SD1.17 / 54 23.58 S ± 0.53km, 179.03 E ± 0.78km, h585 ± 0.26km South of Fiji (171) $m_b 5.2 / 10$,</p>						
SSE	17.0	288	eP	08 26 26.3	-3.6		CN2	83.1	324	P	13 34 24.6	-0.9	
NJ2	19.2	290	-P	08 26 50.6	-0.4		TIY	87.3	313	eP	13 34 42.8	-3.1	
			S	08 30 05.0	2.3		<p>OCT 10d 15h 32m 15.6 ± 0.03s, SD1.22 / 155 29.13 N ± 0.78km, 132.00 E ± 0.56km, h33 ± 0.17km Ryukyu Islands region (239) $M_s 4.5 / 27, m_b 5.1 / 4, m_b 5.0 / 61$</p>						
MDJ	19.3	337	eP	08 26 53.5	0.8		SSE	9.6	284	+P	15 34 33.8	-0.4	
			PMZ	$m_b = 5.3$	0.8	0.099	PMZ	$m_b = 5.2$		1.0	0.068		
DL2	19.4	312	S	08 30 07.0	1.2		PMZ	$m_b = 5.2$		8.0	0.53		
			eP	08 26 53.0	-0.3		pP	15 34 40.5	-0.6				
SNY	19.9	321	PMZ	$m_b = 5.0$	0.8	0.050	eS	15 36 26.0	4.3				
			S	08 30 07.0	0.1		LE	$M_s = 4.6$	11.0	2.83			
			+iP	08 26 59.5	0.9		LZ	$M_s = 3.8$	20.0	1.01			
CN2	20.4	328	PMZ	$m_b = 5.5$	0.8	0.16	NJ2	11.7	288	+P	15 35 02.5	-0.8	
			sP	08 28 40.0	-3.2		PMZ	$m_b = 5.3$		1.2	0.070		
			S	08 30 17.0	0.6		PMZ	$m_b = 5.7$		4.0	0.58		
			SME		13.0	1.30	LN	$M_s = 4.3$		11.0	0.79		
			+iP	08 27 04.0	1.1		LE		12.0	0.86			
			PMZ	$m_b = 5.4$	1.0	0.16	LZ	$M_s = 4.2$		12.0	1.22		
			sP	08 28 48.0	-0.7		DL2	13.0	321	eP	15 35 20.6	-0.2	
TIA	21.5	300	S	08 30 28.0	4.0		PMZ	$m_b = 5.0$		1.0	0.027		
			PcP	08 30 58.5	-1.2		eS	15 37 44.0	-1.2				
			ScP	08 33 57.0	-1.2		LN	$M_s = 4.1$		13.0	0.78		
WHN	22.9	284	ScS	08 37 39.0	-1.4		LZ	$M_s = 3.7$		30.0	0.74		
			-P	08 27 14.6	0.6		TIY	14.4	303	eP	15 35 39.0	0.1	
			PMZ	$m_b = 5.6$	0.9	0.25	SNY	14.4	334	-P	15 35 40.2	1.0	
BJI	23.6	309	+P	08 27 27.5	1.2		eS	15 38 22.0	3.2				
			PMZ	$m_b = 4.7$	1.0	0.030	LN	$M_s = 4.4$		14.0	0.99		
			S	08 31 06.0	0.5		LE		13.0	0.99			
TIY	25.6	301	SME		6.0	0.80	LZ	$M_s = 4.3$		13.0	1.19		
			eP	08 27 32.5	-1.1		WHN	15.4	280	+P	15 35 56.5	4.4	
			PMZ	$m_b = 4.7$	1.0	0.036	PMZ	$m_b = 4.9$		1.0	0.050		
HHC	27.2	307	eP	08 27 51.5	0.5		LE	$M_s = 4.5$		12.0	1.30		
			sP	08 29 46.5	3.1		LZ	$M_s = 4.4$		12.0	1.20		
			S	08 31 50.0	0.6		CN2	15.6	342	eP	15 35 55.0	0.7	
XAN	27.7	292	LZ		16.0	0.48	PMZ	$m_b = 4.8$		1.0	0.040		
			eP	08 28 05.4	-0.3		sP	15 36 07.0	0.7				
			-iP	08 28 10.0	0.1		eS	15 38 50.0	4.1				
BTO	28.2	306	eP	08 28 14.0	-0.7		LN	$M_s = 4.4$		13.0	0.90		
			eP	08 28 23.8	2.2		LE		13.0	0.60			
QZN	29.0	260	eP	08 28 29.0	-0.2								
			-P	08 28 29.0	-0.2								
GYA	29.9	276	pP	08 29 41.0	1.3								
			PcP	08 31 21.8	0.7								
			S	08 32 56.4	-1.0								
CD2	32.0	285	-iP	08 28 47.2	0.1								

				OCT 11d 04h 25m 24.9 ± 0.05s, SD1.26 / 95											
				33.61 S ± 0.95km, 72.16 W ± 0.58km, h33 ± 0.36km											
				Near coast of Central Chile (135)											
				m _b 5.1 / 14,											
MDJ	15.6	354	LZ	M _S = 4.3	13.0	1.20	WMQ	161.3	51	PKP	04 45 23.7	0.8			
			-P	58.0	3.4					PKP2	04 46 07.5	-0.3			
			PMZ	m _b = 4.9	1.0	0.055				pPKP2	04 46 17.0				
			LN	M _S = 4.4	16.0	1.45				PP	04 49 55.0	2.6			
BJI	17.0	314	eP	13.5	1.5					LZ	M _S = 5.3	18.0	0.34		
			PMZ	m _b = 4.9	1.6	0.091				-PKP	04 45 32.0	1.1			
			PMZ	m _b = 5.0	9.0	0.67				PKP2	04 46 52.2	0.5			
			eS	20.0	1.7					pPKP2	04 47 00.0				
			LZ	M _S = 4.2	22.0	1.23				ePKP	04 45 35.0	3.2			
TIY	18.4	303	+P	30.5	0.1		GTA	171.3	46	ePKP	04 45 33.0	0.8			
			PMZ	m _b = 5.1	1.0	0.10				LZ	M _S = 5.2	15.0	0.36		
			pP	41.9	4.0					ePKP	04 45 32.3	-0.4			
			LN	M _S = 4.5	13.0	1.10				PKP2	04 47 12.5	0.7			
			LZ	M _S = 4.5	14.0	1.60				pPKP2	04 47 20.5				
XAN	20.2	290	P	49.8	-1.3		WHN	173.7	243	ePP	04 51 08.0	1.8			
			PMZ	m _b = 5.2	1.0	0.11				LZ	M _S = 5.0	20.0	0.29		
			sP	05.5	1.5					PKP	04 45 33.5	0.5			
			LN	M _S = 4.6	10.0	0.86									
			LE		11.0	0.43									
HHC	20.4	310	eP	51.4	-1.0		XAN	179.0	296						
			eS	40.0	5.5										
			LN	M _S = 4.5	13.0	0.91									
			LZ	M _S = 4.3	24.0	1.35									
BTO	21.3	308	eP	00.0	-2.0		OCT 11d 13h 57m 01.0 ± 0.04s, SD1.07 / 305								
			epP	08.0	-2.7		32.89 N ± 0.83km, 48.26 E ± 0.43km, h16 ± 0.07km								
			ePP	28.0	2.5		Iran-Iraq border region (346)								
			eS	50.0	-2.1		M _S 4.9 / 9, m _b 5.7 / 1, m _b 5.3 / 86								
			LN	M _S = 4.4	14.0	0.60	KSH	23.2	66	+iP	14 02 11.0	2.1			
			LE		14.0	0.50				pP	14 02 18.0	3.1			
QZN	22.6	248	eP	12.6	-1.8					LN	M _S = 5.2	13.0	3.90		
			eS	10.5	-4.5										
			sS	28.0	-1.4		WMQ	32.5	59	+iP	14 03 35.0	1.1			
			LN	M _S = 4.4	13.0	0.69				PMZ	m _b = 5.3	1.2	0.063		
GYA	22.6	269	P	14.0	-0.6					eS	14 08 48.0	0.4			
			pP	24.6	1.3					LZ	M _S = 4.2	24.0	0.63		
			S	20.0	5.6		LSA	36.6	83	+P	14 04 10.2	0.8			
			LN	M _S = 4.9	15.0	1.70				GTA	41.7	66	+iP	14 04 52.7	1.6
			LE		15.0	2.00				PMZ	m _b = 5.5	1.4	0.10		
			LZ	M _S = 4.5	16.0	1.20				PP	14 06 34.4	4.0			
CD2	24.5	281	P	33.2	-0.2					LE	M _S = 4.7	13.0	0.46		
			LE	M _S = 4.6	12.0	0.94				LZ	M _S = 4.7	18.0	0.88		
			LZ	M _S = 5.0	12.0	2.59				LZ	M _S = 4.7	18.0	0.88		
LZH	24.7	294	+iP	35.0	-0.1		LZH	45.4	70	+iP	14 05 22.5	1.0			
			PMZ	m _b = 5.0	2.5	0.16				PMZ	m _b = 5.7	2.0	0.22		
			sP	49.5	1.6					PcP	14 06 57.0	-3.2			
			PP	13.0	2.0					ePP	14 07 12.0	4.4			
			S	52.0	1.0					LN	M _S = 4.9	18.0	0.90		
			SME		15.0	0.87				LZ	M _S = 4.9	22.0	1.46		
			LE	M _S = 4.6	15.0	1.18	CD2	46.7	77	P	14 05 31.7	0.1			
			LZ	M _S = 4.3	25.0	1.07	KMI	47.8	85	+P	14 05 40.0	-0.7			
KMI	26.3	268	-P	50.5	-0.1					PMZ	m _b = 5.6	1.8	0.18		
			PMZ	m _b = 5.0	1.5	0.060				PcP	14 07 09.5	0.7			
			pP	00.5	1.1					eS	14 12 38.0	1.5			
			sP	05.0	1.5		BTO	49.2	62	P	14 05 52.0	0.9			
			S	19.0	0.8					epP	14 06 00.0	2.6			
			LZ	M _S = 4.8	14.0	1.90				LN	M _S = 4.9	13.0	0.40		
GTA	28.4	300	eP	10.0	0.6					LE		16.0	0.50		
			PMZ	m _b = 4.8	1.0	0.020	XAN	50.0	71	+P	14 05 56.5	-0.4			
			eS	55.0	2.1		HHC	50.3	62	-P	14 06 00.6	1.0			
			LE	M _S = 4.7	13.0	0.91	GYA	50.6	81	+iP	14 06 01.2	-0.8			
			LZ	M _S = 4.6	12.0	0.90				S	14 13 16.0	2.3			
LSA	35.5	281	eP	12.0	0.2		TIY	51.7	65	-iP	14 06 10.6	0.5			
WMQ	38.1	305	eP	32.5	-0.8					LN	M _S = 5.1	22.0	1.33		
			PP	00.0	-3.3					LZ	M _S = 4.7	24.0	0.95		
			eS	23.0	-0.6		BJI	53.9	62	eP	14 06 26.0	-0.5			
			LZ	M _S = 4.4	20.0	0.53				PMZ	m _b = 5.1	1.0	0.024		
KSH	46.8	298	eP	45.0	0.5					PcP	14 07 31.0	-0.1			
										LZ	M _S = 4.6	23.0	0.62		
							WHN	55.4	73	-P	14 06 38.0	0.4			
										PMZ	m _b = 5.2	1.2	0.040		
							TIA	55.7	66	P	14 06 39.8	0.0			

QZN	56.4	88	P	14 06	44.0	-0.4		
DL2	58.3	62	eP	14 06	56.5	-1.4		
			PMZ		$m_b = 5.6$		1.0	0.080
			eS	14 15	00.0	2.0		
NJ2	58.5	70	+P	14 06	59.0	-0.4		
			PMZ		$m_b = 5.4$		1.0	0.050
			LZ		$M_s = 4.6$		20.0	0.43
SNY	58.8	58	eP	14 07	00.9	-0.5		
CN2	59.5	55	+P	14 07	05.4	-0.9		
			PMZ		$m_b = 5.0$		1.0	0.020
			pP	14 07	10.0	-2.8		
			eS	14 15	14.0	0.2		
			LN		$M_s = 5.0$		12.0	0.30
			LE				12.0	0.30
			LZ		$M_s = 4.8$		16.0	0.60
SSE	60.7	70	+P	14 07	14.1	-0.5		
			PMZ		$m_b = 5.4$		1.6	0.080
			PMZ		$m_b = 5.7$		4.0	0.40
			LZ		$M_s = 4.8$		18.0	0.63

OCT 11d 15h 14m 44.8 ± 0.04s, SD0.86 / 321
 18.77 N ± 0.45km, 69.36 W ± 0.49km, h101 ± 0.20km
 Dominican Republic region (88)
 $m_b 5.4 / 78,$

GTA	121.2	10	PKP	15 33	27.8	0.6		
BJI	121.3	355	PKP	15 33	26.5	-0.5		
TIY	123.8	358	ePKP	15 33	32.0	0.0		
TIA	125.0	354	ePKP	15 33	34.9	0.7		
LZH	125.1	7	ePKP	15 33	35.5	0.9		
XAN	127.5	2	PKP	15 33	40.0	0.9		
LSA	128.3	22	PKP	15 33	42.6	1.5		
NJ2	128.9	351	+PKP	15 33	42.6	0.9		
GYA	134.9	5	PKP	15 33	54.2	0.9		

OCT 11d 20h 48m 53.3 ± 0.06s, SD1.38 / 82
 3.43 S ± 0.82km, 146.58 E ± 1.34km, h25 ± 0.08km
 Bismarck Sea (203)
 $M_s 4.9 / 18, m_b 5.5 / 2, m_b 5.0 / 17$

GZH	41.8	311	eP	20 56	44.0	1.2		
			eS	21 03	04.0	5.2		
			LZ		$M_s = 5.2$		20.0	3.50
SSE	42.0	327	eP	20 56	46.0	1.3		
			PMZ		$m_b = 4.9$		1.5	0.030
			pP	20 56	53.0	0.4		
			S	21 03	02.0	0.8		
			SS	21 06	06.0	2.6		
			LE		$M_s = 4.9$		10.0	0.53
			LZ		$M_s = 5.0$		20.0	1.84
QZN	42.5	303	P	20 56	49.5	1.0		
			eS	21 03	12.0	3.0		
WHN	45.7	320	eP	20 57	15.0	0.5		
			sP	20 57	26.5	0.6		
			S	21 03	56.0	1.4		
			sS	21 04	05.0	-3.9		
			LN		$M_s = 5.2$		11.0	0.80
			LE				11.0	0.70
			LZ		$M_s = 4.5$		20.0	0.60
DL2	48.0	334	eP	20 57	36.0	3.3		
			eS	21 04	34.0	5.4		
			LE		$M_s = 4.9$		15.0	0.64
			LZ		$M_s = 4.7$		20.0	0.93
TIA	48.1	328	eP	20 57	32.7	-0.7		
			eS	21 04	34.0	4.3		
			LN		$M_s = 4.8$		14.0	0.40
			LE				14.0	0.40
			LZ		$M_s = 4.9$		22.0	1.30
SNY	49.7	337	eP	20 57	46.0	0.5		
			pP	20 57	52.3	-1.2		

			sP	20 57	57.0	0.1		
			S	21 04	00.0	-0.7		
			LN		$M_s = 4.8$		10.0	0.36
			LZ		$M_s = 4.8$		23.0	1.14
MDJ	50.2	344	eP	20 57	51.3	1.7		
CN2	50.7	340	eP	20 57	56.0	2.5		
			pP	20 58	04.0	2.5		
			eS	21 05	11.0	4.7		
			LN		$M_s = 4.7$		15.0	0.30
			LE				15.0	0.30
			LZ		$M_s = 4.8$		20.0	1.00
KMI	51.1	306	-P	20 57	58.5	1.5		
			PMZ		$m_b = 5.3$		1.5	0.070
			PMZ		$m_b = 5.6$		5.0	0.40
			pP	20 58	07.5	2.9		
			S	21 05	12.0	1.1		
			LZ		$M_s = 4.8$		20.0	1.00
XAN	51.5	320	P	20 57	58.0	-1.2		
BJI	51.5	330	eP	20 58	01.0	1.8		
			PMZ		$m_b = 4.8$		1.2	0.016
			eS	21 05	19.5	2.8		
			LZ		$M_s = 4.7$		24.0	0.89
TIY	51.8	325	eP	20 58	01.0	-0.5		
			S	21 05	22.0	2.4		
			LE		$M_s = 5.2$		20.0	1.46
			LZ		$M_s = 4.9$		24.0	1.50
CD2	53.2	313	P	20 58	12.0	-0.3		
			S	21 05	46.0	6.7		
			LZ		$M_s = 5.0$		21.0	1.51
HHC	54.4	328	eP	20 58	21.2	-0.3		
			S	21 05	58.0	1.9		
			LE		$M_s = 4.8$		17.0	0.45
			LZ		$M_s = 4.9$		29.0	1.52
BTO	55.1	326	eP	20 58	27.0	0.6		
			sP	20 58	39.0	1.2		
			eS	21 06	06.5	0.1		
			LN		$M_s = 4.9$		14.0	0.40
			LE				14.0	0.30
LZH	56.0	318	eP	20 58	33.0	0.1		
			PMZ		$m_b = 5.1$		2.0	0.057
			pP	20 58	40.0	-0.8		
			sP	20 58	44.0	-0.2		
			PcP	20 59	30.5	0.5		
			LN		$M_s = 5.0$		15.0	0.62
			LZ		$M_s = 5.0$		22.0	1.36
GTA	60.5	320	P	20 59	04.1	-0.4		
			PMZ		$m_b = 5.1$		1.2	0.030
			LE		$M_s = 4.8$		12.0	0.30
			LZ		$M_s = 4.9$		13.0	0.60

OCT 12d 05h 34m 27.5 ± 0.04s, SD1.40 / 112
 27.73 N ± 0.84km, 130.80 E ± 0.64km, h34 ± 0.23km
 Ryukyu Islands (238)
 $M_s 4.5 / 30, m_b 5.2 / 2, m_b 4.9 / 37$

SSE	9.0	294	-P	05 36	37.5	-1.1		
			PMZ		$m_b = 4.8$		1.2	0.033
			pP	05 36	45.2	-0.4		
			sP	05 36	51.0	0.3		
			LN		$M_s = 4.5$		11.0	2.78
			LZ		$M_s = 4.0$		16.0	1.32
NJ2	11.2	295	+P	05 37	09.5	0.7		
			pP	05 37	15.8	0.0		
			S	05 39	17.0	3.2		
			LN		$M_s = 4.7$		12.0	2.56
			LE				10.0	1.12
			LZ		$M_s = 4.0$		14.0	0.89
DL2	13.5	328	eP	05 37	40.0	0.5		
			eS	05 40	12.0	2.5		

TIA	14.3 309	LN	$M_s=4.5$	14.0	1.82	KMI	25.2 271	SME				
		LZ	$M_s=4.1$	14.0	1.00			LN	$M_s=4.7$	17.0	0.61	
		eP	05 37 50.5	0.0				LE		12.0	0.77	
		eS	05 40 35.0	5.6				LZ	$M_s=4.4$	16.0	0.97	
		LN	$M_s=4.4$	12.0	1.00			eP	05 39 53.0	0.5		
WHN	14.6 285	LE		12.0	0.40	PMZ	$m_b=4.9$	1.5	0.050			
		LZ	$M_s=4.3$	14.0	1.20	pP	05 40 04.5	3.2				
		-P	05 37 57.0	2.6		eS	05 44 14.0	0.4				
		PMZ	$m_b=5.2$	1.0	0.040	sS	05 44 31.0	2.8				
		eS	05 40 40.0	3.6		LZ	$M_s=4.6$	14.0	1.30			
SNY	15.3 339	LN	$M_s=4.6$	15.0	2.30	GTA	28.2 302	eP	05 40 17.8	-1.8		
		LZ	$M_s=4.3$	14.0	1.20	eS	05 45 06.0	4.4				
		+P	05 38 02.0	-0.2		sS	05 45 16.0	-0.9				
		pP	05 38 08.6	-1.0		LE	$M_s=4.6$	14.0	0.78			
		S	05 40 53.0	2.9		LZ	$M_s=4.7$	14.0	1.47			
CN2	16.6 346	LN	$M_s=4.5$	13.0	1.21	WMQ	38.0 307	eP	05 41 44.0	-0.7		
		LE		13.0	0.99	pP	05 41 56.5	2.4				
		LZ	$M_s=4.6$	13.0	2.14	PP	05 43 14.0	-0.6				
		P	05 38 20.0	0.5		eS	05 47 32.0	-2.6				
		PMZ	$m_b=4.9$	1.0	0.060	LN	$M_s=4.7$	11.0	0.47			
MDJ	16.9 357	epP				LZ	$M_s=4.5$	16.0	0.56			
		eS	05 41 23.0	0.9		OCT 12d 17h 29m 59.5 ± 0.04s, SD1.14 / 267						
		LN	$M_s=4.5$	13.0	1.30	37.28 N ± 0.58km, 116.44 W ± 0.53km, h6 ± 0.11km						
		LE		13.0	0.30	California-Nevada border region (40)						
		LZ	$M_s=4.6$	15.0	2.10	$m_b5.6 / 92,$						
BJI	17.2 319	eP	05 38 21.0	-1.9		MDJ	79.0 318	eP	17 42 05.7	-1.0		
		eP	05 38 28.0	0.5		CN2	81.7 320	+P	17 42 20.2	-1.1		
		PMZ	$m_b=5.0$	1.5	0.12	PMZ	$m_b=5.5$	1.0	0.050			
		PMZ	$m_b=4.9$	10.0	0.64	pP	17 42 25.0	-0.9				
		eS	05 41 39.0	2.4		eS	17 52 31.0	-2.8				
TIY	18.4 307	LN	$M_s=4.5$	14.0	1.28	SNY	84.1 319	+P	17 42 33.8	0.4		
		LZ	$M_s=4.4$	15.0	1.46	PMZ	$m_b=5.6$	1.4	0.069			
		+P	05 38 41.5	0.1		DL2	87.2 318	-iP	17 42 50.0	1.0		
		sP	05 38 53.5	-0.3		PMZ	$m_b=6.0$	1.2	0.15			
		LN	$M_s=4.5$	12.0	1.19	BJI	89.2 322	eP	17 42 58.0	-0.2		
XAN	19.8 294	LZ	$M_s=4.7$	14.0	2.50	PMZ	$m_b=5.5$	1.4	0.044			
		+iP	05 38 56.5	-1.5		PP	17 46 30.0	0.3				
		PMZ	$m_b=5.3$	1.2	0.19	HHC	90.7 326	P	17 43 05.6	0.2		
		pP	05 39 10.0	3.6		PMZ	$m_b=5.8$	1.2	0.080			
		S	05 42 37.0	3.6		BTO	91.6 326	P	17 43 10.0	0.5		
HHC	20.5 315	LN	$M_s=4.5$	13.0	1.05	TIA	91.6 319	eP	17 43 09.8	0.1		
		P	05 39 05.0	-1.0		TIY	92.8 323	+P	17 43 15.5	0.4		
		S	05 42 54.0	5.8		SSE	93.2 313	-P	17 43 17.0	0.0		
		LN	$M_s=4.4$	13.0	0.36	PMZ	$m_b=5.8$	1.0	0.043			
		LE		13.0	0.69	NJ2	93.8 316	-P	17 43 20.0	0.1		
QZN	21.1 250	LZ	$M_s=4.0$	24.0	0.67	WMQ	96.4 343	eP	17 43 30.6	-0.9		
		eP	05 39 12.7	1.2		GTA	96.7 333	P	17 43 33.6	0.4		
		eS	05 43 04.0	4.6		PMZ	$m_b=5.3$	1.4	0.010			
		LN	$M_s=4.6$	14.0	1.33	XAN	97.4 323	P	17 43 36.1	-0.2		
		P	05 39 13.0	-1.8		LZH	98.0 328	eP	17 43 39.0	0.0		
BTO	21.4 312	sP	05 39 30.0	2.2		PMZ	$m_b=5.7$	2.0	0.029			
		PP	05 39 39.0	0.4		OCT 12d 19h 23m 22.4 ± 0.06s, SD1.99 / 29						
		eS	05 43 05.0	-0.6		55.88 S ± 1.29km, 27.87 W ± 1.76km, h31 ± 0.18km						
		LN	$M_s=4.5$	14.0	0.60	South Sandwich Islands region (153)						
		LE		14.0	0.70	$m_b5.3 / 10,$						
GYA	21.5 272	P	05 39 18.5	2.4		SSE	147.0 126	ePKP	19 43 02.0	0.9		
		pP	05 39 29.6	4.7		TIY	147.9 108	PKP	19 43 03.8	1.2		
		LN	$M_s=4.8$	12.0	1.20	TIA	149.2 115	ePKP	19 43 07.7	3.1		
		LE		12.0	0.90	BJI	151.6 109	ePKP	19 43 13.0	4.7		
		LZ	$M_s=4.3$	14.0	0.70	OCT 13d 00h 20m 23.0 ± 0.04s, SD1.24 / 256						
CD2	23.8 284	eP	05 39 36.7	-1.5		15.77 N ± 0.75km, 147.94 E ± 0.71km, h36 ± 0.18km						
		PMZ	$m_b=4.9$	1.1	0.050	Marianas region (215)						
		eS	05 43 44.0	-4.4		$M_s5.5 / 51, m_b6.0 / 14, m_b5.7 / 96$						
		LZ	$M_s=4.9$	14.0	2.69	SSE	28.8 307	P	00 26 18.0	-2.1		
		+P	05 39 43.0	-0.4		PMZ	$m_b=5.0$	1.0	0.029			
LZH	24.3 297	PMZ	$m_b=5.0$	1.5	0.085							
		pP	05 39 56.0	3.7								
		eS	05 44 00.0	2.3								



LSA	53.7 295	LZ	$M_s = 5.8$	24.0	12.8		
		-P	00 29 46.0	1.4			
		pP	00 29 55.0	0.7			
		S	00 37 16.0	2.8			
		sS	00 37 31.0	-0.3			
WMQ	57.8 312	SME		8.0	1.52		
		P	00 30 13.2	-0.8			
		PMZ	$m_b = 5.8$	8.0	1.01		
		sP	00 30 25.0	-3.3			
		S	00 38 11.5	3.4			
KSH	66.4 307	ScS		15.0	5.35		
		LN	$M_s = 5.9$	28.0	4.29		
		LZ	$M_s = 5.4$				
		eP	00 31 12.0	1.0			
		sP	00 31 23.0	-2.3			
		iS		7.0	2.40		
		SME					
		OCT 13d 11h 14m 33.1 ± 0.03s, SD1.11 / 51					
		2.19 S ± 0.52km, 80.06 W ± 0.35km, h75 ± 0.31km					
		Near coast of Ecuador (105)					
SSE	144.9 327	+PKP	11 34 02.4	-0.2			
		LZH	146.1 354	PKP	11 34 07.0	2.2	
		LE	$M_s = 5.7$	9.0	0.33		
		LZ	$M_s = 5.7$	10.0	0.53		
		OCT 13d 11h 23m 45.0 ± 0.07s, SD1.79 / 42					
26.74 N ± 1.29km, 126.34 E ± 1.16km, h9 ± 0.67km							
North-east of Taiwan (245)							
$M_s 4.2 / 20, M_L 4.3 / 2, m_b 4.8 / 2,$							
SSE	6.3 315	eP	11 25 20.0	-0.1			
		SMN	$M_L = 4.0$	1.0	0.12		
		SME		1.1	0.076		
		LN	$M_s = 3.9$	12.0	1.40		
		LZ	$M_s = 3.8$	14.0	0.97		
QZH	7.2 257	eP	11 25 35.0	1.6			
		S	11 26 58.0	2.1			
		SS	11 27 06.0	-1.6			
		LN	$M_s = 4.0$	8.0	0.82		
		NJ2	8.4 311	eP	11 25 48.4	-1.7	
WHN	11.2 293	S	11 27 26.0	0.1			
		LN	$M_s = 4.3$	7.0	1.20		
		LE		9.0	0.40		
		LZ	$M_s = 3.7$	13.0	0.60		
		eP	11 26 28.0	-0.6			
SNY	15.2 352	eS	11 28 30.0	-4.9			
		LN	$M_s = 4.4$	9.0	0.90		
		LE		8.0	0.70		
		eP	11 27 24.8	2.6			
		LN	$M_s = 4.1$	8.5	0.43		
BJI	15.7 330	LZ	$M_s = 4.1$	15.0	0.76		
		eP	11 27 28.0	-0.8			
		PMZ	$m_b = 4.6$	1.5	0.039		
		PP	11 27 43.0	2.0			
		LE	$M_s = 3.9$	10.0	0.30		
TIY	16.0 316	LZ	$M_s = 3.8$	16.0	0.41		
		eP	11 27 34.0	1.0			
		S	11 30 26.0	-4.6			
		LN	$M_s = 4.1$	12.0	0.56		
		LZ	$M_s = 4.2$	13.0	0.84		
XAN	16.7 300	eP	11 27 44.0	2.9			
		LN	$M_s = 4.4$	10.0	0.86		
		CN2	17.0 358	eP	11 27 47.0	1.5	
		PMZ	$m_b = 4.3$	1.0	0.015		
		pP	11 27 51.0	1.2			
		eS	11 30 54.0	-0.1			
		LN	$M_s = 4.3$	9.0	0.30		

GYA	17.6 274	LE				
		LZ	$M_b = 4.1$	12.0	0.60	
		P	11 27 55.8	3.1		
		LN	$M_s = 4.4$	10.0	0.60	
		LE		10.0	0.40	
MDJ	18.0 8	eP	11 28 00.0	2.1		
		HHC	18.6 323	eP	11 28 05.0	-0.5
		LN	$M_s = 4.2$	12.0	0.40	
		LE		12.0	0.40	
		LZ	$M_s = 4.0$	14.0	0.50	
BTO	19.3 320	eP	11 28 13.0	-0.8		
		eS	11 31 42.0	-4.4		
		LN	$M_s = 4.2$	13.0	0.50	
		LE		13.0	0.30	
		P	11 28 22.6	-0.8		
CD2	20.2 287	KMI	21.3 271	+P	11 28 35.5	0.9
		PMZ	$m_b = 4.6$	2.0	0.050	
		pP	11 28 40.0	0.6		
		eS	11 32 25.0	-1.6		
		LZ	$M_s = 4.4$	10.0	0.70	
LZH	21.3 301	eP	11 28 35.0	0.2		
		PMZ	$m_b = 4.6$	2.0	0.054	
		PMZ	$m_b = 4.6$	10.0	0.27	
		pP	11 28 43.5	3.8		
		PP	11 28 57.0	-0.7		
GTA	25.5 306	eS	11 32 29.0	1.9		
		LE	$M_s = 4.1$	13.0	0.35	
		LZ	$M_s = 4.0$	18.0	0.49	
		eP	11 29 14.4	-1.2		
		PMZ	$m_b = 4.4$	1.0	0.010	
WMQ	35.5 309	eS	11 33 43.0	2.5		
		LE	$M_s = 4.1$	10.0	0.22	
		LZ	$M_s = 4.2$	16.0	0.52	
		eP	11 30 43.5	-0.9		
		eS	11 36 16.0	-3.2		
		LZ	$M_s = 4.3$	14.0	0.34	
		OCT 13d 14h 44m 05.0 ± 0.06s, SD2.57 / 38				
		26.41 N ± 1.25km, 126.40 E ± 1.09km, h114 ± 1.39km				
		South-western Ryukyu Islands (246)				
		$m_b 4.6 / 4,$				
SSE	6.5 317	eP	14 45 41.2	1.1		
		SMN		1.2	0.11	
		SME		1.2	0.078	
		LE		10.0	1.52	
		LZ		12.0	1.53	
QZH	7.2 260	eP	14 45 48.0	-1.2		
		S	14 47 14.0	4.3		
		LN		7.0	0.86	
		LZ		8.0	1.41	
		NJ2	8.7 312	eP	14 46 11.0	2.0
WHN	11.4 294	LN		7.0	1.04	
		LE		8.0	0.54	
		LZ		14.0	0.89	
		eP	14 46 44.0	-1.2		
		LN		11.0	1.30	
SNY	15.6 352	LE		11.0	0.90	
		eP	14 47 38.8	-0.5		
		eS	14 50 31.0	2.5		
		LN		13.0	0.67	
		LZ		14.0	1.06	
BJI	16.0 330	eP	14 47 49.0	3.6		
		PMZ	$m_b = 4.5$	2.0	0.044	
		LN		12.0	0.45	
		LZ		16.0	0.46	
		TIY	16.3 317	eP	14 47 50.0	1.0
		LN		11.0	0.63	
		LZ		15.0	1.18	

Qinghai Province (325)						LE	$M_B=4.3$	9.8	0.34					
$M_S 3.9/2, M_L 4.0/8, m_b 4.5/2$						LZ	$M_B=4.3$	12.0	0.60					
GTA	1.9	39	-iPg	08 45 09.4	1.4	HHC	22.6	57	eP	09 57 43.6	0.7			
			Sg	08 45 37.0	3.2	WHN	24.0	84	eP	09 57 57.5	1.3			
			SMN	$M_L=3.4$	1.0	0.31			pP	09 58 05.5	3.7			
			SME		1.0	0.33	BJI	25.8	61	eP	09 58 14.0	0.4		
			LE		7.0	1.32			eS	10 02 46.0	5.3			
			LZ		7.0	1.34	SSE	29.8	80	eP	09 58 47.8	-1.5		
LZH	4.8	111	Pu	08 45 50.0	2.0	SNY	31.7	59	eP	09 59 05.3	-0.8			
			Pg	08 46 03.5	3.8	CN2	33.3	56	eP	09 59 19.0	-1.6			
			Sn	08 46 50.0	3.7	OCT 14d 18h 28m $36.5 \pm 0.05s$, SD0.95 / 67								
			Sg	08 47 08.0	2.1	17.83 S $\pm 0.31km$, 178.67 W $\pm 0.40km$, h589 $\pm 0.69km$								
			SMN	$M_L=4.2$	1.0	0.32	Fiji region (181)							
			SME		1.0	0.32	$m_b 5.2/16,$							
			LN	$M_S=3.9$	6.0	0.69	CN2	79.8	322	eP	18 39 47.2	0.8		
			LE		7.0	0.62	TIY	85.0	312	eP	18 40 13.8	1.1		
CD2	8.4	145	eP	08 46 42.6	3.6	OCT 15d 01h 35m $44.3 \pm 0.04s$, SD1.20 / 490								
BTO	9.5	70	eP	08 46 55.0	0.3	2.17 S $\pm 0.98km$, 92.21 E $\pm 0.81km$, h32 $\pm 0.15km$								
WMQ	9.9	310	P	08 46 57.0	-3.3	South Indian Ocean (425)								
			eS	08 48 48.0	-5.0	$M_S 6.9/57, m_b 6.7/41, m_b 5.9/132$								
			SMN		1.5	0.040	QZN	27.3	39	P	01 41 29.2	0.9		
			SME		1.5	0.050			PMZ	$m_b=6.9$	8.0	23.6		
			LZ	$M_S=3.6$	14.0	0.45			iS	01 46 07.0	2.9			
WHN	15.2	114	eP	08 48 14.5	3.1			sS	01 46 20.0	1.3				
			pP	08 48 18.0	2.5			LN	$M_S=6.8$	13.5	71.8			
SSE	20.1	103	eP	08 49 12.0	0.8			LE		14.0	115			
CN2	21.3	65	eP	08 49 26.0	1.7			KMI	29.0	20	-iP	01 41 45.5	1.4	
OCT 14d 09h 15m $49.9 \pm 0.03s$, SD2.13 / 10									PMZ	$m_b=6.1$	2.5	0.96		
37.96 N $\pm 0.35km$, 98.37 E $\pm 0.31km$, h10 $\pm 0.01km$									pP	01 41 56.5	3.8			
Qinghai Province (325)									PcP	01 44 50.0	-1.6			
$M_L 3.3/4,$									S	01 46 37.0	6.0			
GTA	1.8	37	-iPg	09 16 23.7	1.1				LN	$M_S=6.6$	17.0	74.2		
			Sg	09 16 48.7	1.1				LE		17.0	68.3		
			SMN	$M_L=2.9$	1.0	0.13	GYA	31.7	25	P	01 42 08.0	0.1		
			SME		1.0	0.11			pP	01 42 16.6	0.1			
LZH	4.8	111	Pn	09 17 04.0	1.8				S	01 47 15.0	1.6			
			Pg	09 17 18.0	4.1				LN	$M_S=6.9$	14.0	92.8		
			Sn	09 18 01.5	2.1				LE		14.0	101		
			Sg	09 18 21.5	2.5				LSA	31.7	358	-P	01 42 09.6	1.4
			SMN		2.0	0.19			sP	01 42 22.0	1.5			
			SME		1.5	0.17			ScP	01 48 33.0	-5.1			
WMQ	10.0	309	eP	09 18 14.5	-2.1				SS	01 49 05.0	0.5			
			SMN		1.5	0.020			LN	$M_S=6.6$	18.0	39.1		
OCT 14d 09h 52m $40.3 \pm 0.05s$, SD1.55 / 88									LE		20.0	93.0		
30.87 N $\pm 0.94km$, 86.40 E $\pm 0.58km$, h12 $\pm 0.10km$									GZH	32.5	38	P	01 42 14.0	-0.4
Tibet (306)									PMZ	$m_b=6.9$	8.0	17.0		
$M_S 4.3/5, M_L 3.6/1, m_b 4.7/29$									S	01 47 25.0	-0.5			
LSA	4.3	105	Pg	09 54 00.0	3.7				LN	$M_S=7.0$	17.0	162		
			Sg	09 54 55.2	1.0				LE		17.0	120		
			SMN	$M_L=3.6$	0.8	0.19	CD2	34.7	18	P	01 42 33.0	-0.6		
			SME		1.0	0.041			PMZ	$m_b=5.9$	0.8	0.15		
KSH	12.2	318	P	09 55 36.0	-0.6				PP	01 43 53.0	2.6			
			pP	09 55 43.0	1.9				S	01 47 57.0	-2.8			
			eS	09 57 55.0	1.7				LN	$M_S=6.9$	16.0	94.5		
			LE	$M_S=4.5$	10.0	1.40			LE		15.0	104		
CD2	14.9	85	eP	09 56 16.4	3.3				QZH	37.2	42	-P	01 42 55.5	1.0
LZH	15.5	66	eP	09 56 22.0	1.7				PMZ	$m_b=7.0$	8.0	20.5		
			LE	$M_S=4.2$	10.0	0.56			pP	01 43 04.0	0.5			
			LZ	$M_S=4.1$	13.0	0.70			PP	01 44 22.0	0.5			
KMI	15.5	108	eP	09 56 22.5	1.3				S	01 48 37.0	-1.0			
			PMZ	$m_b=5.2$	1.0	0.10			sS	01 48 52.0	-1.8			
			sP	09 56 30.5	1.2				SS	01 51 10.0	0.7			
GYA	18.3	99	P	09 56 57.0	0.6				ScS	01 53 00.0	-3.8			
XAN	19.3	75	eP	09 57 06.0	-1.7				LN	$M_S=6.8$	14.0	57.9		
TIY	22.5	65	eP	09 57 40.8	-1.0				LE		14.0	68.6		
			S	10 01 40.0	-3.2									

MDJ	57.3	31	-P	01 45	31.0	-0.8		
			PMZ		$m_b = 6.1$		1.5	0.40
			PMZ		$m_b = 7.0$		8.0	14.8
			iS	01 53	30.0	5.7		
			LN		$M_s = 7.2$		18.0	53.1
			LE				19.0	98.6
			LZ		$M_s = 6.6$		20.0	46.6

			eS	19 21	39.0	-1.1		
			LE		$M_s = 4.8$		11.0	0.50
			LZ		$M_s = 4.8$		17.0	1.08
BJI	47.2	64	eP	19 15	23.5	-0.4		
			PMZ		$m_b = 4.8$		0.8	0.010
			LZ		$M_s = 4.7$		20.0	0.90
WHN	48.3	77	eP	19 15	33.5	0.7		
			pP	19 15	40.5	-1.8		
			eS	19 22	31.0	1.2		
			LN		$M_s = 4.9$		12.0	0.50

OCT 15d 11h 46m $38.7 \pm 0.04s$, SD1.12 / 73
 $7.17 S \pm 0.46km$, $123.00 E \pm 0.71km$, $h544 \pm 0.44km$
 Flores Sea (279)
 $m_b 4.8 / 19$,

QZN	29.1	334	eP	11 51	56.7	-0.5		
GYA	37.0	335	P	11 53	04.4	0.6		
			PcP	11 55	12.0	1.7		
SSE	38.1	357	+P	11 53	12.5	0.0		
			PMZ		$m_b = 4.7$		1.0	0.023
WHN	38.4	348	-P	11 53	16.7	1.6		
NJ2	39.2	354	+P	11 53	22.0	0.5		
CD2	42.1	335	eP	11 53	44.6	-0.4		
XAN	43.1	343	+iP	11 53	52.0	-0.8		
TIY	45.7	348	eP	11 54	12.2	-1.0		
LZH	46.6	339	+iP	11 54	21.0	0.7		
			PMZ		$m_b = 4.9$		1.0	0.038
BJI	47.4	353	eP	11 54	24.5	-1.3		
			PMZ		$m_b = 4.3$		1.0	0.010
			PcP	11 55	46.5	1.0		
MDJ	51.9	6	eP	11 54	58.5	-0.6		

TIA	48.8	69	eP	19 15	37.0	0.2		
NJ2	51.4	74	+P	19 15	56.0	-0.8		
SNY	52.2	60	+P	19 16	01.2	-1.5		
			eS	19 23	22.0	-2.2		
			LZ		$M_s = 4.8$		16.0	0.76
CN2	53.1	58	-P	19 16	08.4	-0.8		
			PMZ		$m_b = 4.9$		1.0	0.016
			pP	19 16	17.0	-1.7		
			eS	19 23	35.0	-0.9		
			LN		$M_s = 4.9$		13.0	0.40
			LE				13.0	0.30
			LZ		$M_s = 4.9$		15.0	0.90
SSE	53.6	74	+P	19 16	13.0	-0.2		
			PMZ		$m_b = 5.1$		1.2	0.028
			pP	19 16	19.0	-3.8		
MDJ	55.8	56	eP	19 16	24.5	-4.3		

OCT 15d 19h 06m $52.3 \pm 0.04s$, SD1.20 / 159
 $33.69 N \pm 0.78km$, $56.81 E \pm 0.40km$, $h33 \pm 0.09km$
 Iran (348)
 $M_s 5.0 / 20$, $m_b 5.0 / 49$,

KSH	16.4	64	eP	19 10	40.0	-2.0		
			sP	19 10	52.0	-1.9		
			S	19 13	39.0	-2.7		
			LE		$M_s = 5.6$		7.0	9.30
WMQ	26.0	58	P	19 12	24.5	0.1		
			PMZ		$m_b = 5.1$		1.5	0.070
			S	19 16	48.0	-1.9		
			LN		$M_s = 5.0$		10.0	1.69
			LZ		$M_s = 4.8$		10.0	1.45
LSA	29.4	88	P	19 12	55.6	-0.1		
			LN		$M_s = 4.6$		12.0	0.69
GTA	34.8	68	+iP	19 13	43.0	0.8		
			PMZ		$m_b = 5.0$		0.8	0.020
			pP	19 13	50.0	-1.4		
			LE		$M_s = 5.0$		9.0	0.86
			LZ		$M_s = 4.7$		12.0	0.90
LZH	38.4	73	+P	19 14	13.0	0.4		
			PMZ		$m_b = 5.2$		2.0	0.086
			eS	19 20	05.0	-0.2		
			LN		$M_s = 4.9$		10.0	0.71
			LZ		$M_s = 4.6$		22.0	1.13
CD2	39.5	81	P	19 14	22.0	-0.1		
KMI	40.6	90	+P	19 14	31.5	-0.1		
			PMZ		$m_b = 5.7$		1.2	0.14
			sP	19 14	42.5	-2.2		
			S	19 20	40.0	1.9		
BTO	42.4	65	eP	19 14	47.5	1.3		
			eS	19 21	10.0	4.2		
			LN		$M_s = 4.9$		11.0	0.50
			LE				11.0	0.50
XAN	42.9	74	P	19 14	49.6	-0.2		
			LN		$M_s = 5.0$		12.0	0.80
GYA	43.4	86	P	19 14	53.6	-0.5		
HHC	43.6	64	eP	19 14	56.8	1.4		
TIY	44.8	68	eP	19 15	05.4	0.1		

OCT 15d 19h 50m $20.0 \pm 0.05s$, SD1.51 / 171
 $10.00 S \pm 0.99km$, $114.68 E \pm 1.32km$, $h33 \pm 0.04km$
 South of Bali (284)
 $M_s 4.8 / 9$, $m_b 5.9 / 6$, $m_b 5.8 / 62$

QZN	29.2	351	-iP	19 56	22.5	1.2		
			PMZ		$m_b = 6.0$		1.0	0.27
			S	20 01	10.0	0.1		
GZH	32.9	358	+P	19 56	54.2	0.5		
			PMZ		$m_b = 5.8$		1.0	0.16
KMI	36.8	342	+iP	19 57	30.0	2.6		
			PMZ		$m_b = 6.0$		2.0	0.50
			S	20 03	10.0	1.9		
			LZ		$M_s = 4.7$		26.0	1.70
GYA	37.1	348	+iP	19 57	30.6	1.3		
			pP	19 57	40.4	2.0		
			PcP	19 59	51.0	1.7		
			S	20 03	10.0	-1.8		
			LZ		$M_s = 4.6$		12.0	0.60
WHN	40.3	360	+iP	19 57	58.0	1.8		
			PMZ		$m_b = 5.9$		1.0	0.19
			pP	19 58	09.5	4.0		
			S	20 04	01.0	0.1		
			LZ		$M_s = 4.4$		24.0	0.68
SSE	41.3	8	+P	19 58	05.5	0.8		
			PMZ		$m_b = 5.7$		1.2	0.15
			eS	20 04	18.0	1.0		
			LZ		$M_s = 4.3$		20.0	0.46
NJ2	42.0	5	+iP	19 58	11.0	0.8		
			PMZ		$m_b = 5.9$		1.1	0.21
			PMZ		$m_b = 6.0$		4.0	0.86
			PcP	20 00	06.0	1.0		
			S	20 04	20.0	-6.0		
			LZ		$M_s = 4.4$		26.0	0.61
CD2	42.0	346	P	19 58	10.9	0.6		
			PMZ		$m_b = 6.3$		0.6	0.28
			S	20 04	23.0	-3.0		
XAN	44.1	353	P	19 58	27.5	-0.1		
			PMZ		$m_b = 6.2$		1.4	0.50
			PMZ		$m_b = 6.1$		4.0	1.10
LSA	45.5	331	+iP	19 58	40.0	0.9		
			PMZ		$m_b = 6.0$		2.0	0.48

		iS	20 05 15.0	-3.8				MDJ	17.9 265	-P	06 17 18.2	-0.3		
TIA	46.0 3	+P	19 58 41.7	-1.0						PMZ		$m_b = 5.3$		
LZH	47.0 348	+iP	19 58 51.0	0.8						pP	06 17 35.0	0.9		
		PMZ			$m_b = 5.9$	2.0	0.38			iS	06 20 34.0	1.2		
		sP	19 59 04.5	1.2						LN		$M_s = 5.2$	10.0	4.58
		PP	20 00 40.0	0.3						LZ		$M_s = 5.2$	17.0	10.8
		S	20 05 36.0	-1.5				CN2	21.0 267	+P	06 17 50.0	-1.6		
		SME				5.0	0.34			PMZ		$m_b = 5.1$	1.0	0.090
		ScS	20 08 38.5	0.0						PMZ		$m_b = 5.4$	4.0	0.80
		SS	20 08 57.0	-0.6						pP	06 18 09.0	-0.2		
		LN			$M_s = 4.6$	12.0	0.28			S	06 21 31.0	-4.0		
		LZ			$M_s = 4.5$	30.0	0.86			LN		$M_s = 5.3$	8.0	3.80
TIY	47.5 358	+P	19 58 54.0	-0.4						LE			8.0	1.20
		PMZ			$m_b = 5.8$	1.2	0.15			LZ		$M_s = 5.2$	28.0	13.8
		PMZ			$m_b = 6.0$	4.0	0.91	SNY	23.1 264	+iP	06 18 11.0	-1.4		
		LN			$M_s = 4.6$	11.0	0.25			PMZ		$m_b = 5.2$	1.4	0.15
		LZ			$M_s = 4.7$	26.0	1.14			pP	06 18 31.0	0.3		
DL2	49.1 7	eP	19 59 05.5	-1.0						S	06 22 14.0	0.8		
		PMZ			$m_b = 6.1$	1.4	0.40			SME			5.0	1.42
		PMZ				3.0	0.58			SS	06 23 00.0	-4.4		
		eS	20 06 08.0	-0.4						ScS	06 29 16.0	2.2		
		LZ			$M_s = 4.2$	25.0	0.33			LN		$M_s = 4.8$	11.0	1.06
BJI	49.8 2	+P	19 59 11.5	-0.6						LE			10.0	0.90
		PMZ			$m_b = 6.1$	1.2	0.31			LZ		$M_s = 4.8$	19.0	3.35
		eS	20 06 12.0	-6.5				DL2	25.9 259	P	06 18 39.0	-0.2		
		LN			$M_s = 5.1$	14.0	0.85			PMZ		$m_b = 5.4$	1.0	0.11
		LZ			$M_s = 4.5$	32.0	0.75			PMZ		$m_b = 5.8$	6.0	1.40
BTO	50.5 355	-iP	19 59 17.0	-0.8						pP	06 18 59.5	1.8		
		eS	20 06 26.5	-2.2						S	06 23 00.0	-0.5		
HHC	50.7 357	+P	19 59 18.3	-0.6						LN		$M_s = 5.2$	10.0	2.29
		PMZ			$m_b = 6.0$	1.3	0.24			LE			10.0	1.69
		LN			$M_s = 5.1$	10.0	0.33			LZ		$M_s = 5.0$	38.0	8.60
		LE				6.0	0.33	BJI	28.9 266	eP	06 19 05.0	-1.0		
GTA	51.1 345	+iP	19 59 22.2	0.3						PMZ		$m_b = 5.8$	2.0	0.36
		PMZ			$m_b = 5.7$	1.2	0.11			PMZ		$m_b = 5.7$	6.0	0.91
		PMZ			$m_b = 5.9$	4.0	0.64			eS	06 23 46.0	-2.9		
		pP	19 59 33.0	2.0						LN		$M_s = 5.1$	14.0	2.55
		PcP	20 00 37.4	0.6						LZ		$M_s = 5.0$	34.0	6.81
		ScP	20 04 27.8	-1.2						eP	06 19 19.0	-0.6		
		LZ			$M_s = 4.6$	32.0	0.95	TIA	30.4 259	eP	06 19 19.0	-0.6		
SNY	52.2 8	+P	19 59 28.7	-1.7						LN		$M_s = 4.9$	11.0	1.22
		PMZ			$m_b = 5.8$	1.4	0.19			LZ		$M_s = 5.5$	42.0	21.3
		pP	19 59 42.2	2.4				SSE	31.2 247	+P	06 19 26.0	-0.6		
		eS	20 06 47.5	-4.3						PMZ		$m_b = 5.7$	1.5	0.20
		LZ			$M_s = 4.5$	32.0	0.69			PMZ		$m_b = 6.0$	4.0	1.12
CN2	54.4 10	+iP	19 59 44.6	-2.2						pP	06 19 44.0	-1.6		
		PMZ			$m_b = 5.7$	1.0	0.10			sP	06 19 52.0	-3.9		
		PMZ				3.0	0.30			S	06 24 26.0	1.3		
		sP	20 00 03.4	3.1						sS	06 25 01.0	2.2		
		PcP	20 00 49.8	0.3						LN		$M_s = 4.8$	13.0	1.12
		ScP	20 04 42.0	-1.6						LZ		$M_s = 4.8$	20.0	1.84
		eS	20 07 16.0	-5.9				HHC	31.5 271	-iP	06 19 28.5	-0.8		
		ScS	20 09 29.0	-0.2				NJ2	32.0 251	+P	06 19 33.0	-0.3		
MDJ	56.0 13	+P	19 59 56.8	-1.5						PMZ		$m_b = 5.3$	1.0	0.050
		PMZ			$m_b = 6.1$	0.8	0.20			PMZ		$m_b = 5.9$	5.0	1.06
WMQ	58.9 337	+iP	20 00 18.0	-0.8						pP	06 19 53.0	0.6		
		pP	20 00 31.5	3.3						sP	06 20 02.0	-0.7		
		ScP	20 05 04.0	0.8						iS	06 24 36.0	-1.7		
		eS	20 08 16.0	-5.3						sS	06 25 12.0	1.0		
		LZ			$M_s = 4.6$	28.0	0.69			LN		$M_s = 5.2$	11.5	2.19
KSH	61.0 326	-iP	20 00 32.0	-1.2						LE			13.0	1.26
		PP	20 02 48.0	-0.9						LZ		$M_s = 4.8$	21.0	1.86
		S	20 08 42.0	-4.8				TIY	32.6 266	+iP	06 19 38.5	-0.3		
										PMZ		$m_b = 5.7$	1.2	0.16
										PMZ		$m_b = 6.6$	7.0	7.50
										sP	06 20 10.0	2.0		
										S	06 24 50.0	3.6		
										LN		$M_s = 5.2$	18.0	3.64
										LZ		$M_s = 4.9$	40.0	5.28

OCT 16d 06h 13m $12.9 \pm 0.06s$, SD0.94 / 503
 49.12 N $\pm 0.85km$, 155.03 E $\pm 0.67km$, h84 $\pm 0.18km$
 Kurile Islands (221)
 $M_s 5.2 / 36$, $m_b 5.9 / 33$, $m_b 5.8 / 109$

BTO	32.6 272	P	06 19 38.0	-1.2			PP	06 23 13.0	0.9					
		pP	06 19 58.0	-0.2			PcS	06 26 58.5	3.2					
		ePP	06 20 49.0	-1.0			S	06 27 57.0	-0.4					
		eS	06 24 43.5	-4.7			ScS	06 31 13.0	3.4					
		LN	$M_s = 5.2$		14.0	2.20	LN	$M_s = 5.5$		10.0	1.91			
		LE			14.0	1.60	LZ	$M_s = 5.2$		32.0	4.97			
WHN	35.8 254	+iP	06 20 06.5	0.1			KMI	46.9 259	+iP	06 21 38.0	0.3			
		PMZ	$m_b = 5.9$		0.7	0.14	PMZ	$m_b = 6.1$		2.0	0.55			
		PMZ	$m_B = 6.1$		4.0	1.23	PMZ	$m_B = 6.3$		4.0	1.60			
		pP	06 20 25.0	-0.9			pP	06 22 01.0	3.6					
		PcP	06 22 32.0	-0.1			PP	06 23 30.0	1.6					
		S	06 25 34.0	-2.4			S	06 28 20.0	-0.7					
		iScS	06 30 16.0	2.8			LZ	$M_s = 5.2$		38.0	4.70			
		LE	$M_s = 4.9$		12.0	0.86	QZN	47.0 247	P	06 21 39.2	1.4			
		LZ	$M_s = 4.7$		20.0	1.25	PMZ	$m_b = 5.7$		1.2	0.11			
		XAN	37.0 264	P	06 20 16.6	-0.3			pP	06 21 57.0	-0.7			
PMZ	$m_b = 6.3$				1.5	0.70	S	06 28 23.0	1.8					
PMZ	$m_B = 5.9$				5.0	1.07	sS	06 28 57.5	0.6					
PcP	06 22 37.5			1.7			ScS	06 31 24.5	4.1					
S	06 25 50.0			-5.2			SS	06 31 43.5	1.1					
LN	$M_s = 5.4$				18.0	2.68	LN	$M_s = 5.3$		13.0	0.89			
LE					18.0	2.68	LE			15.0	1.26			
QZH	37.3 243			+P	06 20 19.0	0.4			LSA	51.4 273	+P	06 22 13.8	1.1	
		PMZ	$m_B = 6.0$		5.0	1.25	PMZ	$m_B = 6.0$		5.0	0.91			
		pP	06 20 40.0	1.9			pP	06 22 34.0	1.6					
		S	06 25 57.0	-1.5			S	06 29 25.0	1.5					
LZH	39.1 270	+iP	06 20 35.0	0.5			ScS	06 31 55.0	4.7					
		PMZ	$m_b = 5.9$		1.8	0.35	SME			4.5	0.45			
		PMZ	$m_B = 5.8$		5.0	0.87	KSH	55.0 292	-iP	06 22 38.0	-0.6			
		pP	06 20 55.0	1.2			pP	06 23 01.0	2.2					
		sP	06 21 06.0	2.0			eS	06 30 09.5	-3.4					
		PP	06 22 06.0	-2.7			PMZ	$m_b = 6.2$		1.4	0.41			
		PcP	06 22 43.0	0.6			LN	$M_s = 5.7$		11.0	1.65			
		S	06 26 25.0	-2.0			LE			10.0	1.34			
		SS	06 29 13.0	-2.9			LZ	$M_s = 5.7$		24.0	8.80			
		ScS	06 30 35.0	2.8										
		LN	$M_s = 5.5$		16.0	3.20								
		LE			19.0	4.10								
		LZ	$M_s = 5.3$		24.0	5.20								
		GTA	39.9 277	+iP	06 20 40.7	-0.2								
PMZ	$m_b = 5.8$				1.2	0.19	CN2	89.4 323	-P	23 51 38.4	-1.0			
PMZ	$m_B = 5.8$				12.0	1.67	BJI	92.4 315	eP	23 51 53.0	-0.1			
pP	06 21 02.0			1.7			PMZ	$m_b = 5.1$		1.0	0.011			
PP	06 22 17.5			0.4			TIY	93.4 312	eP	23 51 56.8	-1.1			
PcP	06 22 45.0			0.1										
eS	06 26 36.0			-3.9										
ScS	06 30 39.8			3.2										
LN	$M_s = 5.3$				9.0	1.52								
LZ	$M_s = 5.3$				24.0	4.96								
GZH	41.8 247			+P	06 20 56.0	0.0			GYA	3.3 89	Pg	01 36 16.0	1.8	
				PMZ	$m_B = 6.2$		4.0	1.43	CD2	4.5 8	Pg	01 36 36.2	0.7	
				pP	06 21 17.0	1.3			Sg	01 37 34.3	-2.2			
				S	06 27 04.0	-2.3			SMN	$M_L = 3.1$		0.7	0.022	
		LZ	$M_s = 5.0$		32.0	3.00	SME			1.0	0.040			
CD2	42.4 264	P	06 21 01.2	0.1										
		PMZ	$m_b = 5.2$		0.8	0.031								
		PMZ	$m_B = 6.0$		5.0	1.07								
		pP	06 21 22.0	1.3										
		S	06 27 15.0	-0.3										
		LN	$M_s = 5.2$		12.0	1.37								
		LZ	$M_s = 5.3$		20.0	3.71								
		+iP	06 21 10.6	0.3										
GYA	43.5 257	PMZ	$m_b = 5.9$		1.2	0.20								
		pP	06 21 34.0	4.1										
		S	06 27 29.0	-2.5										
		LZ	$M_s = 5.0$		42.0	3.90								
		+iP	06 21 25.0	0.3										
WMQ	45.3 290	PMZ	$m_B = 5.5$		12.0	0.86								
<p>OCT 16d 23h 38m $43.7 \pm 0.06s$, SD1.54 / 48 $29.10 S \pm 0.93km$, $177.37 W \pm 1.17km$, $h33 \pm 0.22km$ Kermadec Islands (178) $m_b 5.2 / 8$,</p>														
<p>OCT 17d 01h 35m $16.5 \pm 0.07s$, SD2.81 / 6 $26.47 N \pm 0.62km$, $103.03 E \pm 0.40km$, $h9 \pm 0.05km$ Yunnan Province (318) $M_L 3.1 / 3$,</p>														
<p>OCT 17d 12h 16m $28.5 \pm 0.03s$, SD1.35 / 137 $25.51 S \pm 1.32km$, $176.25 W \pm 0.92km$, $h44 \pm 0.40km$ South of Fiji (171) $M_s 5.5 / 11$, $m_b 6.0 / 10$, $m_b 5.5 / 36$</p>														

TIA	153.8	346	pPKP	14 51 18.0	2.6	7.0	15.9	SKKS	14 59 43.0	-2.8	10.0	10.4							
			PKS	14 52 33.0	4.8				GZH	167.3			343	PKP	14 49 13.8	2.0			
			PP	14 52 55.0	-3.1									PKP2	14 50 21.5	0.0			
			PPMZ	$m_B=7.1$										pPKP	14 51 34.0	2.7			
			-PKP	14 48 57.3	-0.2									PP	14 54 08.0	-4.1			
			PKP2	14 49 22.3	-1.2									PPMZ	$m_B=6.6$				
			pPKP	14 51 20.0	3.7									SKKS	14 59 59.0	-0.6			
LZH	154.4	10	PP	14 52 59.0	-3.1	9.0	8.87	QZN	171.9	356	-iPKP	14 49 15.5	0.9						
			PPMZ	$m_B=6.7$								PKP2	14 50 41.0	-1.0					
			-iPKP	14 48 59.5	1.0							pPKP	14 51 37.5	3.3					
			PKP2	14 49 25.0	-1.1							PP	14 54 33.0	-1.9					
			pPKP	14 51 20.0	2.8							PPMZ	$m_B=7.0$						
			sPKP	14 52 16.0	3.3							SKKS	15 00 19.5	-3.3					
			PP	14 53 02.0	-3.4														
LSA	154.8	40	PPMZ	$m_B=6.7$		8.0	7.90	OCT 18d 03h 06m $51.8 \pm 0.03s$, SD1.17 / 91 7.29 S $\pm 0.51km$, 129.29 E $\pm 0.77km$, h47 $\pm 0.10km$ Banda Sea $m_B 5.1 / 21$, (280)											
			SKS	14 55 08.0	1.7			SSE	38.9	349	P	03 14 16.0	0.6						
			SKKS	14 58 52.0	-1.5						PMZ	$m_B=4.9$							
			iPKP	14 49 02.0	2.7								1.0						
			SKKS	14 58 54.0	-1.7						GYA	40.1	328	P	03 14 25.8	0.8			
			SMN					5.0	3.14		WHN	40.3	340	eP	03 14 28.5	2.3			
			PKP	14 49 02.2	0.5								sP	03 14 40.5	-2.8				
SSE	157.1	333	PKP2	14 49 38.0	1.1	8.0	5.80	NJ2	40.4	346	+P	03 14 28.0	0.8						
			pPKP	14 51 18.0	-2.6							KMI	41.3	322	eP	03 14 37.0	1.7		
			PPMZ	$m_B=6.6$										PMZ	$m_B=5.1$				
			iPKP	14 49 02.0	0.2							CD2	45.2	329	P	03 15 07.2	0.8		
			PKP2	14 49 36.0	-1.4							XAN	45.4	336	P	03 15 07.5	-0.8		
			pPKP	14 51 23.0	2.2							TIY	47.5	342	eP	03 15 25.0	0.6		
			PPMZ	$m_B=6.8$					8.0	10.1		BJI	48.6	347	eP	03 15 33.0	-0.4		
NJ2	157.2	339	SKS	14 55 12.0	3.0	4.5	13.2	LZH	49.3	333	eP	03 15 39.5	0.4						
			iPKP	14 49 02.0	0.1									PMZ	$m_B=5.2$				
			iPKP2	14 49 36.0	-1.8											1.5			
			ipPKP	14 51 23.0	2.1									PMZ	$m_B=5.2$				
			sPKP	14 52 18.0	1.5									pP	03 15 51.0	0.1			
			PKS	14 52 32.0	-0.9									PcP	03 17 00.0	-0.4			
			iPP	14 53 15.0	-4.8									PP	03 17 28.5	-4.0			
CD2	159.4	14	PPMZ	$m_B=7.2$		12.0	16.2	HHC	50.6	343	eP	03 15 48.6	-0.1						
			SKKS	14 59 04.0	-4.9							LSA	51.9	317	P	03 16 00.4	1.3		
			PKP	14 49 04.8	0.2							GTA	53.9	332	eP	03 16 13.0	-0.4		
			PKP2	14 49 48.4	0.9									PMZ	$m_B=4.8$				
			pPKP	14 51 27.0	3.4							WMQ	63.2	327	P	03 17 19.5	1.0		
			PKS	14 52 39.0	3.7									pP	03 17 28.0	-2.8			
			PP	14 53 30.4	-1.3														
WHN	159.9	347	PPMZ	$m_B=6.8$		7.0	10.8	OCT 18d 09h 22m $20.4 \pm 0.04s$, SD1.98 / 13 36.08 N $\pm 0.37km$, 100.18 E $\pm 0.37km$, h18 $\pm 0.12km$ Qinghai Province (325) $M_S 3.3 / 1$, $M_L 3.7 / 8$, $m_B 4.1 / 1$											
			SKKS	14 59 18.0	-1.6			LZH	3.0	89	+Pn	09 23 09.0	1.6						
			SS	15 12 48.0	-1.2								Pg	09 23 14.0	1.1				
			-iPKP	14 49 05.5	0.4								Sn	09 23 45.0	0.8				
			iPKP2	14 49 50.0	0.5								Sg	09 23 54.0	0.4				
			ipPKP	14 51 27.0	2.9								SMN	$M_L=4.0$					
			iPP	14 53 32.2	-1.7								SME		0.8				
QZH	163.5	329	PPMZ	$m_B=6.9$		8.0	18.1	GTA	3.3	355	Pn	09 23 14.1	1.7						
			SKKS	14 59 19.5	-2.9									Pg	09 23 18.8	-0.6			
			+iPKP	14 49 09.0	0.3									Sg	09 24 02.0	-3.1			
			iPKP2	14 50 04.5	-0.5									SMN	$M_L=3.1$				
			pPKP	14 51 28.0	0.0									SME		0.8			
			PP	14 53 51.5	-1.4									LE	$M_S=3.3$				
			PPMZ	$m_B=7.0$										CD2	6.0	149	Pg	09 24 03.4	-2.4
GYA	164.3	9	SKKS	14 59 39.0	-1.7	7.0	13.0	BTO	8.9	57	eP	09 24 30.0	-2.2						
			-PKP	14 49 10.0	0.3									Sg	09 25 34.2	7.0			
			PKP2	14 50 10.0	1.7									SME	$M_L=3.6$				
			pPKP	14 51 32.0	3.1									HHC	10.1	59	eP	09 24 50.8	2.5
			sPKP	14 52 22.0	-2.4														
			PP	14 53 56.0	-1.8														
			SKKS	14 59 44.0	-0.8														
KMI	164.5	23	-iPKP	14 49 10.0	0.1			OCT 18d 10h 52m $55.9 \pm 0.06s$, SD1.42 / 8 46.67 N $\pm 0.39km$, 118.80 E $\pm 0.50km$, h10 $\pm 0.13km$ North-Eastern China (658)											
			PKP2	14 50 08.0	0.0														
			pPKP	14 51 32.0	2.8														
			iPP	14 53 58.0	-0.7														
			PPMZ	$m_B=6.9$															

M _L 3.2 / 8,							
CN2	5.5	119	ePg	10 54	34.6	1.4	
			eSg	10 55	47.2	-1.1	
			SMN		M _L = 3.6	0.1	0.047
			SME			0.1	0.065
OCT 18d 22h 21m 13.3 ± 0.03s, SD1.00 / 152							
3.36 S ± 0.61km, 143.59 E ± 1.00km, h25 ± 0.07km							
Near north coast of New Guinea (200)							
m _b 5.4 / 3, m _b 5.2 / 31,							
GZH	39.5	313	eP	22 28	45.0	0.8	
SSE	40.4	330	+P	22 28	52.0	0.7	
			PMZ		m _b = 5.3	1.2	0.064
NJ2	42.3	328	+P	22 29	08.0	0.6	
WHN	43.8	322	+P	22 29	20.0	0.9	
			PMZ		m _b = 4.9	1.0	0.020
			pP	22 29	27.7	0.6	
GYA	46.4	312	P	22 29	41.4	1.1	
TIA	46.5	330	eP	22 29	40.2	-0.7	
DL2	46.7	336	eP	22 29	44.0	1.6	
KMI	48.7	308	+P	22 29	59.0	0.5	
			pP	22 30	09.5	3.4	
MDJ	49.4	347	eP	22 30	01.5	-1.9	
XAN	49.5	322	+P	22 30	03.6	-0.8	
CN2	49.7	343	+P	22 30	04.5	-1.4	
			PMZ		m _b = 5.0	1.0	0.020
			PMZ		m _b = 5.5	5.0	0.30
			eS	22 37	10.0	-2.4	
BJI	50.0	333	eP	22 30	07.0	-1.0	
			PMZ		m _b = 5.4	1.5	0.078
			S	22 37	14.0	-1.2	
			eSS	22 40	43.0	-1.7	
TIY	50.1	328	eP	22 30	08.0	-0.7	
CD2	51.0	315	P	22 30	15.8	-0.1	
HHC	52.8	330	eP	22 30	28.8	-0.9	
BTO	53.4	328	eP	22 30	34.0	-0.2	
LZH	54.0	320	+iP	22 30	38.5	0.0	
			PMZ		m _b = 5.6	2.0	0.16
			PMZ		m _b = 5.3	8.0	0.29
			pP	22 30	47.0	0.7	
			PcP	22 31	42.5	0.1	
			S	22 38	13.0	2.6	
GTA	58.6	321	+iP	22 31	11.0	0.0	
			PMZ		m _b = 5.4	1.2	0.060
LSA	59.9	307	+P	22 31	21.6	0.6	
WMQ	68.6	320	+iP	22 32	16.5	-0.4	
			sP	22 32	29.0	0.7	
KSH	75.1	312	eP	22 32	57.0	0.9	
			sP	22 33	08.0	0.6	
			eS	22 42	34.0	1.5	
OCT 18d 23h 22m 21.9 ± 0.03s, SD1.06 / 148							
1.92 S ± 0.72km, 100.06 E ± 0.78km, h69 ± 0.29km							
Southern Sumatera (274)							
M _S 5.1 / 29, m _b 5.5 / 3, m _b 5.2 / 40							
QZN	22.9	24	P	23 27	22.0	1.0	
			PMZ		m _b = 5.0	0.7	0.050
			eS	23 31	27.5	5.4	
			LN		M _S = 5.1	18.0	3.40
			LE			18.0	3.17
KMI	27.0	5	eP	23 28	00.0	-0.2	
			PP	23 28	48.5	0.5	
			S	23 32	36.0	5.8	
			LN		M _S = 4.9	6.0	0.70
			LZ		M _S = 4.9	20.0	3.00
GYA	28.9	12	P	23 28	16.6	-0.5	
			S	23 33	05.6	5.1	
			LN		M _S = 5.2	15.0	3.20
			LE				
			LZ				
LSA	32.6	346	+P	23 28	50.0	0.4	
			S	23 34	01.0	3.1	
CD2	32.8	6	eP	23 28	49.8	-1.7	
			eS	23 34	06.0	3.0	
			LE		M _S = 4.9	13.0	1.17
			LZ		M _S = 5.1	20.0	3.40
WHN	35.0	22	eP	23 29	10.5	0.2	
			PMZ		m _b = 5.1	1.2	0.040
			pP	23 29	25.0	-1.9	
			eS	23 34	41.0	4.0	
			LN		M _S = 5.3	17.0	3.20
			LE			16.0	1.40
			LZ		M _S = 5.0	18.0	2.50
XAN	36.7	12	+iP	23 29	23.6	-1.1	
LZH	38.0	5	+P	23 29	35.0	-0.2	
			PMZ		m _b = 5.2	2.0	0.079
			pP	23 29	47.0	-4.7	
			PcP	23 31	51.5	2.0	
			PcS	23 35	36.0	-1.0	
			LN		M _S = 5.0	15.0	1.33
			LZ		M _S = 5.3	11.0	2.61
NJ2	38.2	26	+P	23 29	37.0	0.1	
			LN		M _S = 5.0	12.0	0.72
			LE			13.0	0.72
			LZ		M _S = 4.9	14.0	1.18
SSE	38.5	30	-P	23 29	40.5	1.1	
			PMZ		m _b = 5.4	1.5	0.099
			eS	23 35	33.0	3.2	
			LN		M _S = 5.2	16.0	1.56
			LE			16.0	1.36
			LZ		M _S = 5.0	20.0	2.30
TIY	41.1	15	eP	23 30	01.0	0.2	
			S	23 36	11.0	3.7	
			LN		M _S = 5.0	12.0	0.84
			LZ		M _S = 4.8	18.0	1.09
GTA	41.1	360	+iP	23 30	01.4	0.0	
			PMZ		m _b = 5.6	1.0	0.10
			pP	23 30	19.2	1.3	
			PcP	23 32	00.0	0.4	
			LE		M _S = 4.8	13.0	0.61
			LZ		M _S = 4.9	16.0	1.46
TIA	41.1	21	eP	23 30	00.5	-0.8	
BTO	43.3	11	P	23 30	19.0	0.0	
			eS	23 36	36.0	-5.1	
			LN		M _S = 5.5	17.0	3.80
			LE			17.0	1.10
HHC	43.8	13	eP	23 30	24.3	0.8	
BJI	44.3	18	eP	23 30	27.5	0.6	
			PMZ		m _b = 5.7	1.5	0.16
			LN		M _S = 5.2	16.0	1.79
			LZ		M _S = 5.1	16.0	1.74
DL2	45.2	24	P	23 30	35.0	0.6	
			PMZ		m _b = 5.2	1.5	0.050
			eS	23 37	15.0	6.2	
			LN		M _S = 4.7	14.0	0.46
			LZ		M _S = 4.8	16.0	0.82
WMQ	46.9	348	+iP	23 30	48.5	1.0	
			PMZ		m _b = 6.0	1.5	0.27
			PcP	23 32	21.0	1.9	
			PcS	23 36	11.5	-1.1	
			S	23 37	36.5	5.3	
			sS	23 37	58.4	-3.2	
			LN		M _S = 4.6	10.0	0.26
			LZ		M _S = 4.4	20.0	0.41
SNY	48.5	23	eP	23 30	58.4	-1.6	
			eS	23 37	57.1	2.0	

WMQ	13.8	304	P	08 42 34.5	-0.7		
			sP	08 42 47.5	4.4		
			eS	08 45 06.0	-3.5		
			SS	08 45 22.0	-2.5		
			LN		$M_s=5.5$	9.0	10.5
			LZ		$M_s=4.8$	12.0	4.08
DL2	14.3	78	eP	08 42 43.2	1.0		
			PMZ		$m_b=5.6$	2.0	0.28
SSE	15.8	107	+P	08 43 05.5	4.5		
			PMZ		$m_b=4.7$	1.2	0.042
			pP	08 43 10.5	4.9		
			sP	08 43 14.0	4.8		
			PP	08 43 19.0	5.7		
			SMN			1.5	0.12
			SME			1.5	0.047
			LN		$M_s=5.3$	14.0	7.45
			LE			14.0	4.53
			LZ		$M_s=4.6$	13.0	2.31
SNY	16.1	67	eP	08 43 05.6	0.2		
			PMZ		$m_b=5.5$	1.0	0.21
			LN		$M_s=5.0$	11.5	2.73
			LE			11.0	2.28
			LZ		$M_s=4.7$	16.0	3.28
GZH	16.4	146	+P	08 43 05.8	-2.8		
			LN		$M_s=5.1$	10.0	2.00
			LE			10.0	4.00
			LZ		$M_s=4.5$	20.0	2.80
CN2	17.9	61	-iP	08 43 27.0	-0.6		
			PMZ		$m_b=5.1$	1.0	0.10
			epP	08 43 34.0	1.7		
			eS	08 46 41.0	-3.7		
			LN		$M_s=5.0$	8.0	1.20
			LE			8.0	2.00
			LZ		$M_s=5.0$	13.0	4.80
QZN	18.9	161	P	08 43 40.2	0.1		
			LN		$M_s=5.2$	9.5	1.32
			LE			10.0	3.60
MDJ	21.0	61	eP	08 44 04.0	1.1		
			PMZ		$m_b=5.0$	1.0	0.060
			pP	08 44 06.0	-2.1		

			LZ		$M_s=4.0$	8.0	1.00
XAN	5.2	124	Pn	10 10 12.2	2.9		
			Pg	10 10 26.0	3.2		
			Sg	10 11 36.0	2.0		
			SMN			$M_L=3.9$	0.6 0.17
			SME				0.6 0.12
			LN		$M_s=3.7$		10.0 0.26
			LE				10.0 0.86
CD2	6.1	180	Pg	10 10 39.8	0.4		
			Sg	10 12 05.8	2.7		
			SMN			$M_L=4.7$	1.0 0.14
			SME				0.8 0.84
TIY	7.0	82	ePn	10 10 35.8	2.2		
			+Pg	10 10 59.4	5.5		
			Sg	10 12 26.2	-3.1		
			SMN			$M_L=4.5$	1.0 0.25
			SME				0.8 0.17
HHC	7.2	56	ePn	10 10 41.6	4.9		
			Pg	10 11 03.0	5.2		
			SMN			$M_L=4.5$	0.8 0.20
			SME				0.8 0.20
TIA	10.8	90	eP	10 11 28.8	-0.4		
GYA	10.9	166	P	10 11 30.0	0.0		
			S	10 13 31.0	-1.3		
WHN	11.0	123	eP	10 11 29.0	-2.4		
			eS	10 13 31.5	-3.9		
			LN			$M_s=3.9$	11.0 0.40
			LE				11.0 0.30
WMQ	13.9	304	P	10 12 10.0	-1.1		
			sP	10 12 20.0	1.2		
			esS	10 14 53.0	-0.7		
			LZ			$M_s=3.7$	12.0 0.29

OCT 20d 10h 43m 18.3±0.08s, SD2.69 / 24
 37.12 N±0.78km, 103.62 E±0.72km, h2±0.11km
 Gansu Province (322)
 $M_s3.6 / 1, M_L3.9 / 18,$

LZH	1.0	170	+iPg	10 43 37.5	0.6		
			Sg	10 43 51.8	0.8		
			SMN			$M_L=3.9$	0.6 1.83
			SME				0.6 3.00
GTA	3.8	309	Pn	10 44 17.9	0.0		
			Pg	10 44 28.2	3.3		
			Sg	10 45 12.8	-3.7		
			SMN			$M_L=4.0$	0.8 0.33
			SME				0.6 0.32
			LN		$M_s=3.6$		6.0 0.46
			LE				8.0 0.49
			LZ		$M_s=3.4$		8.0 0.43
XAN	5.3	124	Pn	10 44 38.5	-0.2		
			Pg	10 44 56.5	4.7		
			Sg	10 46 05.0	0.8		
			SMN			$M_L=3.4$	0.6 0.050
			SME				0.6 0.030
BTO	6.1	53	Pg	10 45 09.8	3.9		
			Sg	10 46 31.6	2.8		
			SMN			$M_L=3.4$	0.6 0.030
			SME				0.6 0.020
TIY	7.0	82	ePg	10 45 25.6	2.9		
			Sg	10 46 53.4	-5.3		
			SMN			$M_L=4.0$	0.8 0.090
			SME				0.8 0.050
HHC	7.2	56	ePn	10 45 07.0	1.8		
			Pg	10 45 29.8	4.1		
			Sg	10 47 03.8	-0.7		
			SMN			$M_L=4.2$	0.8 0.10
			SME				0.7 0.10
GYA	10.9	165	P	10 45 56.4	-2.8		

OCT 20d 10h 01m 30.5±0.11s, SD1.36 / 113
 7.71 S±0.59km, 74.44 W±0.49km, h156±0.95km
 Peru-Brazil border region (112)
 $m_b5.1 / 33,$

WMQ	140.8	21	PKP	10 20 44.8	1.7		
DL2	145.7	337	PKP	10 20 52.5	1.0		
BJI	146.4	345	-PKP	10 20 55.0	2.3		
BTO	147.0	354	PKP	10 20 57.0	3.3		
TIA	149.7	341	ePKP	10 21 00.0	2.0		
LZH	151.7	3	PKP	10 21 01.5	0.3		
NJ2	152.8	335	-PKP	10 21 05.0	2.5		
WHN	155.8	341	ePKP	10 21 06.0	-0.6		

OCT 20d 10h 08m 50.8±0.05s, SD2.39 / 33
 37.06 N±0.62km, 103.71 E±0.58km, h9±0.07km
 Gansu Province (322)
 $M_s3.9 / 3, M_L4.3 / 17,$

LZH	1.0	174	-iPg	10 09 11.0	2.6		
			Sg	10 09 24.5	2.9		
			SMN			$M_L=4.7$	0.5 16.6
			SME				0.5 19.8
GTA	3.9	309	Pn	10 09 51.4	0.4		
			Pg	10 10 02.0	2.9		
			SMN			$M_L=4.3$	1.0 0.70
			SME				1.0 0.73
			LN		$M_s=4.0$	8.0	1.25
			LE			8.0	1.31

S				10 47 57.6		-5.2		Vanuatu (New Hebrides)				(186)			
OCT 20d 14h 04m 33.6 ± 0.06s, SD4.99 / 5 37.38 N ± 0.84km, 103.68 E ± 0.56km, h24 ± 0.01km Gansu Province (322) M _L 3.0 / 4,								m _b 4.8 / 13,							
GTA	3.7	305	Pn	14 05 29.2	-0.1			WHN	67.7	312	eP	02 08 30.0	0.6		
			Pg	14 05 38.6	0.5			MDJ	68.2	332	eP	02 08 31.3	-1.5		
			Sg	14 06 25.2	-3.0			CN2	69.6	329	P	02 08 40.0	-1.0		
			SMN	M _L = 3.2		1.0	0.050	GYA	71.4	305	P	02 08 52.6	0.3		
			SME			1.0	0.070	BJI	72.1	321	eP	02 08 56.0	-0.3		
OCT 20d 15h 13m 28.1 ± 0.04s, SD1.27 / 44 28.60 S ± 0.61km, 176.41 W ± 0.99km, h38 ± 0.24km Kermadec Islands region (177) m _b 5.1 / 10,								PMZ				m _b = 4.8		1.1 0.014	
NJ2	86.1	310	+P	15 26 07.0	-0.3			TIY	73.1	318	-P	02 09 03.0	0.9		
MDJ	87.9	325	eP	15 26 15.5	-0.5			XAN	73.4	313	P	02 09 04.5	0.2		
			PMZ	m _b = 5.2		1.0	0.019	CD2	75.7	308	eP	02 09 17.7	0.2		
WHN	88.4	306	eP	15 26 18.5	0.4			LZH	78.1	313	eP	02 09 32.0	1.2		
DL2	88.6	316	eP	15 26 19.0	-0.1						PMZ	m _b = 4.9	2.0 0.036		
SNY	89.3	320	-P	15 26 21.8	-0.7						sP	02 09 45.0	-2.3		
CN2	89.6	322	+P	15 26 22.2	-1.5			GTA	82.4	314	eP	02 09 54.4	0.3		
			PMZ	m _b = 5.6		1.0	0.040	WMQ	92.5	315	eP	02 10 42.5	-0.1		
TIA	89.8	312	eP	15 26 24.5	-0.3			OCT 21d 06h 40m 19.3 ± 0.05s, SD2.06 / 25 43.27 N ± 0.55km, 125.80 E ± 0.62km, h13 ± 0.11km North-Eastern China (658) M _L 4.2 / 14,							
GYA	91.9	299	P	15 26 35.0	0.3			CN2	0.6	334	+iPg	06 40 32.8	2.9		
BJI	92.6	315	eP	15 26 37.5	-0.5						Sg	06 40 41.5	3.4		
			PMZ	m _b = 5.5		0.8	0.020				SMN		5.0 11.3		
OCT 20d 15h 30m 07.5 ± 0.05s, SD2.73 / 11 37.23 N ± 0.42km, 103.50 E ± 0.42km, h16 ± 0.20km Gansu Province (322) M _L 3.6 / 9,								SME				5.0 10.4			
LZH	1.2	166	-iPg	15 30 24.7	-4.0			SNY	2.2	229	ePn	06 40 53.6	-2.2		
			Sg	15 30 38.5	-6.2						iPg	06 40 56.8	-1.2		
			SMN	M _L = 3.7		0.5	0.94				Sg	06 41 23.0	-4.9		
			SME			0.5	1.58				SMN		2.0 4.57		
GTA	3.6	308	Pn	15 31 04.6	1.0			MDJ	3.0	63	ePn	06 41 08.0	0.3		
			Pg	15 31 13.6	2.1						-Pg	06 41 17.2	4.0		
			Sg	15 32 03.6	2.5						Sg	06 41 57.5	2.6		
			SMN	M _L = 3.4		0.8	0.090				SMN	M _L = 4.1	1.0 0.80		
			SME			0.8	0.11	DL2	5.4	217	Pg	06 41 55.0	0.6		
CD2	6.3	178	ePg	15 32 03.2	4.1						Sg	06 43 04.0	-3.9		
TIY	7.1	83	ePg	15 32 13.8	0.3						SMN	M _L = 4.7	1.0 0.71		
			SMN	M _L = 3.6		1.0	0.030				SME		1.0 0.93		
			SME			1.0	0.020	GYA	22.9	229	P	06 45 27.0	2.7		
OCT 20d 17h 12m 06.4 ± 0.06s, SD2.67 / 15 37.25 N ± 0.54km, 103.62 E ± 0.66km, h15 ± 0.25km Gansu Province (322) M _L 3.6 / 10,								OCT 21d 10h 44m 43.3 ± 0.04s, SD2.79 / 11 41.90 N ± 0.49km, 89.11 E ± 0.34km, h10 ± 0.12km Southern Xinjiang Province (321) M _L 3.8 / 8,							
LZH	1.2	171	+iPg	17 12 24.5	-3.0			WMQ	2.2	332	Pg	10 45 20.8	-1.1		
			Sg	17 12 37.5	-5.9						Sg	10 45 47.8	-3.8		
			SMN	M _L = 3.5		0.5	0.84	GTA	8.5	103	eP	10 46 49.6	-0.3		
			SME			0.5	0.89				SMN	M _L = 3.8	0.8 0.027		
GTA	3.7	307	Pn	17 13 04.8	1.2						SME		0.8 0.017		
			Pg	17 13 13.9	2.3			OCT 21d 13h 18m 46.6 ± 0.06s, SD2.05 / 27 3.02 S ± 0.67km, 136.46 E ± 1.13km, h34 ± 0.11km West Irian region (196) m _b 5.1 / 4,							
			Sg	17 14 02.8	0.7			CN2	47.6	349	eP	13 27 18.0	-4.0		
			SMN	M _L = 3.5		0.8	0.14	GTA	54.0	325	eP	13 28 09.6	-0.9		
			SME			0.8	0.080	OCT 21d 15h 10m 43.0 ± 0.03s, SD1.11 / 356 3.95 S ± 0.73km, 77.23 W ± 0.97km, h113 ± 0.42km Northern Peru (111) m _b 5.7 / 1, m _b 5.7 / 66,							
CD2	6.3	179	ePg	17 14 03.2	4.9			MDJ	133.1	334	ePKP	15 29 46.6	-0.2		
HHC	7.1	57	Pg	17 14 17.0	4.1			CN2	135.5	337	ePKP	15 29 50.2	-1.0		
			Sg	17 15 50.0	-0.4			KSH	137.0	31	ePKP	15 29 54.0	-0.1		
			SMN	M _L = 3.7		0.6	0.030				ePP	15 32 41.5	-0.1		
			SME			0.6	0.030	WMQ	138.1	16	ePKP	15 29 56.7	0.6		
OCT 21d 01h 57m 34.0 ± 0.08s, SD1.13 / 109 14.96 S ± 0.69km, 166.71 E ± 0.91km, h44 ± 0.59km															
											PP	15 32 46.0	-3.1		
											PKS	15 33 31.0	1.6		

BJI	142.1	343	ePKP	15 29 58.5	-4.5		
HHC	142.4	349	ePKP	15 30 02.0	-1.7		
BTO	142.9	351	ePKP	15 30 02.0	-2.6		
GTA	144.6	4	-PKP	15 30 06.8	-0.7		
TIY	145.3	346	-iPKP	15 30 09.0	0.4		
SSE	147.9	329	PKP	15 30 12.5	-0.4		
			pPKP	15 30 44.0	1.5		
LZH	148.0	358	-PKP	15 30 15.0	1.7		
			PP	15 33 45.0	-2.3		
NJ2	148.2	333	+PKP	15 30 14.4	1.0		
			PKP2	15 30 17.0	-4.1		
			pPKP	15 30 44.0	1.0		
XAN	149.5	350	-PKP	15 30 16.8	1.2		
WHN	151.4	339	+PKP	15 30 20.2	1.9		
			pPKP	15 30 52.5	4.5		
LSA	152.1	22	-PKP	15 30 22.6	2.7		
CD2	153.2	358	PKP	15 30 22.5	1.5		
GYA	157.3	351	PKP	15 30 28.2	1.7		
			pPKP	15 30 59.6	3.5		
			PKP2	15 31 04.0	4.7		
			PP	15 34 36.6	-2.3		
KMI	158.9	0	-PKP	15 30 30.0	1.3		
			pPKP	15 31 02.0	3.9		
			PKP2	15 31 06.0	-0.2		
			PP	15 34 45.0	-2.7		
			PPMZ			2.5	0.090

			S	16 08 56.6	-5.7		
			SMN		$M_L=4.2$	1.0	0.058
			SME			0.9	0.055
			LN			3.0	0.30
			LE			3.0	0.33
			LZ		$M_B=3.6$	10.0	0.39
WHN	9.3	318	eP	16 07 37.0	1.9		
			S	16 09 17.5	-3.1		
			SMN			1.5	0.13
			LN		$M_B=3.8$	10.0	0.50
GYA	13.8	284	P	16 08 34.6	-1.1		
			S	16 11 10.0	0.9		
CD2	17.3	298	eP	16 09 21.8	0.2		
LZH	19.6	313	eP	16 09 52.0	2.6		
			PP	16 10 08.0	1.3		
GTA	24.1	315	eP	16 10 33.0	-1.9		

OCT 21d 19h 05m $47.4 \pm 0.04s$, SD1.05 / 194
 $20.86 S \pm 0.69km$, $177.93 W \pm 0.72km$, $h498 \pm 0.25km$
 Fiji region (181)
 $m_b 5.2 / 68$,

SSE	78.0	310	+P	19 16 54.5	-0.9		
			PMZ		$m_b=4.5$	1.0	0.019
GZH	79.9	299	+P	19 17 06.9	1.0		
NJ2	80.2	310	+P	19 17 07.3	0.4		
			PMZ		$m_b=4.9$	1.2	0.060
QZN	81.1	294	eP	19 17 12.6	0.9		
DL2	82.0	317	P	19 17 16.6	0.0		
SNY	82.5	320	eP	19 17 17.4	-1.6		
			PMZ		$m_b=4.9$	0.8	0.036
CN2	82.6	322	-P	19 17 19.0	-0.6		
			PMZ		$m_b=5.3$	1.0	0.10
			epP	19 19 07.0	-1.2		
			eS	19 26 56.0	0.2		
WHN	82.7	306	eP	19 17 20.5	0.5		
			PMZ		$m_b=5.8$	1.2	0.43
BJI	86.2	315	eP	19 17 37.0	0.0		
			PMZ		$m_b=5.4$	1.4	0.14
GYA	86.9	300	P	19 17 41.0	0.5		
TIY	87.6	312	-P	19 17 43.7	0.0		
			PMZ		$m_b=5.2$	0.8	0.040
XAN	88.4	307	-P	19 17 48.0	0.4		
KMI	89.6	297	-P	19 17 54.0	0.8		
HHC	89.6	314	eP	19 17 53.0	-0.4		
CD2	91.0	303	P	19 18 00.4	0.6		
LZH	93.0	307	-P	19 18 09.2	0.1		
			PMZ		$m_b=5.3$	1.5	0.056
			pP	19 20 04.0	4.4		
GTA	97.2	309	-P	19 18 28.0	-0.2		
			PMZ		$m_b=5.1$	0.8	0.011

OCT 21d 15h 30m $09.2 \pm 0.05s$, SD2.02 / 12
 $37.12 N \pm 0.51km$, $103.51 E \pm 0.39km$, $h10 \pm 0.14km$
 Gansu Province (322)
 $M_L 3.9 / 10$,

LZH	1.1	165	+iPg	15 30 27.2	-1.2		
			Sg	15 30 40.5	-2.4		
			SMN		$M_L=3.7$	0.5	1.17
			SME			0.5	1.99
GTA	3.7	309	Pn	15 31 07.6	0.7		
			Pg	15 31 17.0	2.5		
			Sg	15 32 04.0	-1.1		
			SMN		$M_L=3.5$	0.6	0.11
			SME			0.6	0.14
XAN	5.4	123	Pg	15 31 44.0	-0.3		
			Sg	15 32 52.2	-5.5		
			SMN		$M_L=3.3$	1.0	0.040
			SME			1.0	0.020
TIY	7.1	83	ePg	15 32 15.7	0.5		
			SMN		$M_L=3.9$	1.0	0.070
			SME			0.5	0.040
HHC	7.3	57	ePg	15 32 19.6	1.4		
			SMN		$M_L=3.9$	0.7	0.050
			SME			0.7	0.050

OCT 21d 16h 05m $17.8 \pm 0.14s$, SD1.73 / 34
 $23.78 N \pm 0.69km$, $121.59 E \pm 0.90km$, $h13 \pm 0.46km$
 Taiwan (244)
 $M_S 3.8 / 4$, $M_L 4.1 / 10$, $m_b 4.0 / 2$

QZH	3.0	293	ePn	16 06 04.6	-0.4		
			Sn	16 06 38.0	-4.4		
			SMN		$M_L=4.1$	0.6	0.83
			SME			0.6	0.62
			LE			8.0	1.54
			LZ			10.0	2.54
SSE	7.3	357	eP	16 07 06.1	-0.7		
			S	16 08 25.5	-4.6		
			SMN		$M_L=3.8$	1.0	0.043
			SME			1.0	0.038
			LN		$M_B=3.7$	8.0	0.45
			LZ		$M_B=3.4$	16.0	0.44
NJ2	8.6	344	+P	16 07 26.0	1.1		

OCT 21d 21h 49m $23.8 \pm 0.05s$, SD2.18 / 17
 $37.25 N \pm 0.43km$, $103.54 E \pm 0.42km$, $h14 \pm 0.21km$
 Gansu Province (322)
 $M_L 3.6 / 12$,

LZH	1.2	168	+iPg	21 49 41.1	-4.1		
			SMN		$M_L=3.6$	0.5	0.75
			SME			0.5	1.52
GTA	3.6	307	Pn	21 50 22.0	1.7		
			Pg	21 50 31.4	3.4		
			Sg	21 51 18.2	0.4		
			SMN		$M_L=3.4$	0.8	0.098
			SME			0.8	0.085
XAN	5.4	125	Pg	21 51 02.0	2.2		
			SMN		$M_L=3.1$	1.0	0.030
			SME			1.0	0.010
TIY	7.1	84	ePg	21 51 31.8	2.7		
			Sg	21 53 01.4	-4.4		

HHC	7.2	58	SMN	21 51	10.0	0.8	0.7	0.030	
			SME						M _L = 3.6
			ePn	21 51	34.7	3.8	0.6	0.030	
			ePg						
			SMN	M _L = 3.6					
SME	0.5	0.020							

QZN	12.0	299	eP	12 24	29.8	1.4	
			eS	12 26	44.6	2.0	
SSE	17.5	0	eP	12 25	41.0	1.8	
			PMZ		m _b = 4.1	1.0	0.010
WHN	18.0	341	eP	12 25	47.5	1.7	
			sP	12 26	01.0	2.7	

OCT 21d 22h 53m 33.0 ± 0.04s, SD1.39 / 104
8.80 S ± 0.65km, 123.94 E ± 1.08km, h124 ± 0.12km
Timor (289)
m_b5.0 / 29,

QZN	30.9	333	eP	22 59	40.3	-0.6	
GYA	38.9	335	P	23 00	49.2	0.9	
KMI	39.6	329	eP	23 00	57.0	2.8	
SSE	39.8	356	+P	23 00	55.5	-0.1	
			PMZ		m _b = 4.6	1.0	0.012
WHN	40.2	347	-P	23 01	01.2	2.1	
			PMZ		m _b = 4.9	1.0	0.020
NJ2	40.9	353	-P	23 01	05.0	0.0	
CD2	44.0	335	P	23 01	29.0	-1.1	
XAN	44.9	342	-P	23 01	37.0	-0.7	
TIY	47.5	348	-P	23 01	56.9	-1.1	
DL2	47.5	358	eP	23 01	58.0	0.0	
			PMZ		m _b = 5.3	0.8	0.040
LZH	48.5	338	eP	23 02	06.0	0.2	
			PMZ		m _b = 4.9	1.5	0.028
BJI	49.1	352	eP	23 02	09.5	-0.9	
			PMZ		m _b = 4.8	0.6	0.0090
LSA	49.6	322	P	23 02	16.0	1.4	
SNY	50.4	360	eP	23 02	17.6	-2.5	
CN2	52.4	1	eP	23 02	33.2	-1.9	
GTA	52.9	337	P	23 02	39.0	-0.4	
MDJ	53.4	5	-iP	23 02	42.0	-0.8	
			PMZ		m _b = 5.6	1.0	0.082
WMQ	61.8	331	P	23 03	41.2	-0.6	
KSH	65.5	321	eP	23 04	06.0	0.2	
			eS	23 12	43.0	3.4	

NJ2	18.6	354	-P	12 25	55.0	2.7	
GYA	18.6	316	P	12 25	55.2	1.9	
XAN	23.2	334	P	12 26	40.5	-0.6	
CD2	23.5	320	P	12 26	43.6	-0.5	
			PMZ		m _b = 4.8	0.8	0.030
TIY	25.3	344	eP	12 27	01.3	0.0	
BJI	26.8	352	eP	12 27	14.0	-1.0	
LZH	27.3	329	-iP	12 27	19.3	-0.4	
			PMZ		m _b = 5.3	1.4	0.087
			sP	12 27	31.0	-1.8	
GTA	31.9	328	-P	12 27	59.4	-1.3	
			PMZ		m _b = 4.7	1.0	0.014

OCT 22d 14h 35m 21.8 ± 0.05s, SD1.15 / 189
16.27 S ± 1.00km, 173.10 W ± 0.77km, h29 ± 0.16km
Tonga (173)
M_S5.3 / 2, m_b5.5 / 2, m_b5.4 / 55

QZH	78.1	300	eP	14 47	21.0	0.3	
SSE	78.7	307	P	14 47	23.0	-0.9	
			LZ		M _S = 4.8	20.0	0.46
MDJ	79.9	322	eP	14 47	29.6	-0.7	
			LZ		M _S = 4.9	35.0	0.92
NJ2	80.9	307	+P	14 47	36.0	0.3	
			LZ		M _S = 4.8	20.0	0.43
CN2	81.9	320	+P	14 47	40.4	-0.7	
			PMZ		m _b = 5.5	1.0	0.060
			PMZ		m _b = 5.5	5.0	0.30
			epP	14 47	45.0	-4.8	
			eS	14 57	49.0	-3.2	
DL2	82.0	314	eP	14 47	41.8	0.4	
			PMZ		m _b = 5.7	1.0	0.080
			eS	14 57	58.0	5.2	
			LZ		M _S = 4.9	24.0	0.65
SNY	82.1	318	+iP	14 47	42.0	0.0	
			PMZ		m _b = 5.3	1.3	0.044
			sP	14 47	50.7	-3.7	
			S	14 57	47.0	-5.3	
			LZ		M _S = 4.9	30.0	0.81
QZN	83.5	292	eP	14 47	50.4	1.3	
WHN	83.8	304	eP	14 47	51.5	0.8	
			sP	14 47	59.0	-4.2	
BJI	86.3	313	eP	14 48	03.5	0.6	
			PMZ		m _b = 5.7	1.2	0.089
			PMZ		m _b = 5.5	9.0	0.40
			esP	14 48	14.0	-1.4	
			eSKS	14 58	27.0	4.0	
			eS	14 58	40.0	4.8	
			LZ		M _S = 4.9	24.0	0.64
TIY	88.0	310	+iP	14 48	12.5	1.0	
			PMZ		m _b = 5.5	1.0	0.040
			eS	14 58	48.0	-4.1	
			LE		M _S = 5.2	13.0	0.39
			LZ		M _S = 5.2	20.0	0.88
GYA	88.7	298	+iP	14 48	16.0	1.2	
			pP	14 48	26.0	2.5	
XAN	89.4	306	P	14 48	18.5	0.6	
HHC	89.8	313	+P	14 48	20.8	0.7	
			PMZ		m _b = 5.8	1.0	0.070
			LZ		M _S = 5.0	22.0	0.65
BTO	90.8	312	P	14 48	25.5	0.7	
			sP	14 48	34.0	-3.2	
KMI	91.7	296	+P	14 48	30.0	1.2	

OCT 21d 23h 59m 22.2 ± 0.06s, SD2.78 / 8
37.04 N ± 0.62km, 103.33 E ± 0.57km, h13 ± 0.16km
Qinghai Province (325)
M_L3.6 / 6,

LZH	1.0	156	+iPg	23 59	39.0	-1.7	
			Sg	23 59	52.0	-2.7	
			SMN	24 00	19.6	0.7	0.5
			SME				
GTA	3.6	312	Pn	24 00	28.8	2.2	0.80
			Pg	24 00	28.8	2.2	1.97
			Sg	24 01	16.0	-0.5	
			SMN	24 01	33.0	2.1	0.8
			SME				
TIY	7.3	82	ePg	24 01	33.0	2.1	0.071
			SMN	24 01	33.0	2.1	0.6
			SME				
			SME	0.6	0.030		
			SME	0.6	0.020		

OCT 22d 01h 05m 25.8 ± 0.05s, SD2.54 / 8
37.03 N ± 0.57km, 103.54 E ± 0.34km, h17 ± 0.12km
Gansu Province (322)
M_L3.5 / 8,

GTA	3.8	310	Pn	01 06	22.4	-1.6	
			Pg	01 06	32.4	-0.2	
			SMN	01 06	32.4	-0.2	0.6
			SME				
			SME	0.6	0.099		
			SME	0.6	0.13		

OCT 22d 12h 21m 36.1 ± 0.05s, SD1.86 / 53
13.52 N ± 0.75km, 121.01 E ± 1.24km, h34 ± 0.09km
Mindoro (250)
m_b4.8 / 22,

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		SMN		1.5	0.10
		SME		1.0	0.050
GYA	14.6 283	P	20 23 31.0	0.0	
CD2	18.0 296	eP	20 24 14.0	-0.9	
BTO	19.6 330	eP	20 24 32.8	-0.8	
LZH	20.1 311	eP	20 24 40.0	0.3	
		PMZ	$m_b=4.3$	2.0	0.029
		LZ	$M_s=3.8$	16.0	0.29
GTA	24.6 314	eP	20 25 24.6	0.4	

OCT 24d 23h 09m $41.5 \pm 0.04s$, SD1.58 / 50
 $33.59 N \pm 0.59km$, $141.14 E \pm 0.82km$, $h58 \pm 0.31km$
 South of Houshu (211)
 $m_b 5.0 / 7$,

MDJ	14.2 324	eP	23 12 58.0	-3.1	
CN2	15.9 314	eP	23 13 24.0	0.6	
WHN	22.9 270	eP	23 14 41.0	-0.2	
WMQ	42.3 300	P	23 17 31.5	0.0	

OCT 24d 23h 38m $14.4 \pm 0.03s$, SD1.11 / 258
 $44.17 N \pm 0.59km$, $83.88 E \pm 0.44km$, $h20 \pm 0.08km$
 Northern Xinjiang Province (332)
 $M_s 5.0 / 34$, $M_L 5.7 / 2$, $m_b 5.2 / 101$

WMQ	2.8 96	Pn	23 39 02.6	4.1	
		Sn	23 39 32.0	-1.2	
GTA	12.8 106	+iP	23 41 16.4	-2.2	
		PMZ	$m_b=5.1$	0.8	0.030
		sP	23 41 30.2	2.2	
		LE	$M_s=5.1$	8.0	4.30
		LZ	$M_s=4.7$	10.0	2.60
LSA	15.6 156	P	23 41 57.0	2.0	
LZH	17.2 111	+iP	23 42 16.4	0.2	
		PMZ	$m_b=5.6$	1.5	0.47
		PMZ		3.0	1.15
		pP	23 42 23.0	1.1	
		sP	23 42 26.0	0.2	
		S	23 45 25.0	-0.3	
		LN	$M_s=5.3$	7.0	3.93
		LZ	$M_s=4.9$	12.0	3.28
BTO	19.6 91	P	23 42 44.0	-0.7	
		pP	23 42 50.0	-0.9	
		eS	23 46 19.0	-0.8	
		LN	$M_s=4.6$	19.0	0.90
		LE		12.0	1.30
CD2	20.5 123	P	23 42 54.4	0.0	
		LZ	$M_s=5.1$	14.0	5.48
HHC	20.6 90	+iP	23 42 56.0	0.2	
		PMZ	$m_b=4.6$	1.0	0.030
		LN	$M_s=5.2$	4.0	1.30
		LE		4.0	0.80
XAN	21.8 109	+P	23 43 06.4	-1.4	
		pP	23 43 15.6	1.0	
		sP	23 43 20.0	2.0	
		S	23 47 08.0	5.4	
		LN	$M_s=5.1$	7.0	1.23
		LE		8.0	1.49
TIY	22.4 97	+P	23 43 14.5	0.5	
		PMZ	$m_b=5.5$	1.0	0.19
		LE	$M_s=5.1$	13.0	3.63
BJI	24.2 89	eP	23 43 32.0	0.8	
		PMZ	$m_b=5.6$	1.0	0.22
		eS	23 47 49.0	3.0	
		LN	$M_s=4.9$	12.0	1.91
		LZ	$M_s=5.0$	12.0	3.01
KMI	24.4 135	+P	23 43 34.0	0.7	
		PMZ	$m_b=5.0$	2.5	0.15
		PMZ		3.0	0.20
		pP	23 43 41.0	1.1	

		sP	23 43 44.0	0.7	
		PP	23 44 08.5	0.5	
		S	23 47 52.0	3.6	
		sS	23 48 00.0	-0.4	
		LZ	$M_s=4.6$	12.0	1.10
GYA	25.5 126	+iP	23 43 44.4	0.6	
		PMZ	$m_b=5.6$	1.2	0.20
		sP	23 43 56.0	2.1	
		S	23 48 10.4	3.5	
		LN	$M_s=4.7$	12.0	0.90
		LE		12.0	0.20
		LZ	$M_s=4.4$	15.0	0.90
TIA	26.5 96	+P	23 43 53.1	0.5	
		PMZ	$m_b=5.6$	1.1	0.17
		LN	$M_s=4.8$	12.5	0.90
		LE		12.5	1.10
WHN	27.6 109	+iP	23 44 03.2	0.4	
		PMZ	$m_b=5.6$	0.7	0.090
		pP	23 44 12.5	2.7	
		eS	23 48 42.0	0.2	
		sS	23 48 58.0	4.4	
		LN	$M_s=5.1$	11.0	1.80
		LE		12.0	1.10
		LZ	$M_s=4.7$	12.0	1.20
SNY	28.9 81	+P	23 44 14.6	-0.3	
		PMZ	$m_b=4.8$	0.8	0.014
		sP	23 44 27.2	2.0	
		S	23 49 05.0	2.5	
		LE	$M_s=5.2$	13.0	3.09
		LZ	$M_s=5.2$	15.0	4.34
CN2	29.7 76	+P	23 44 21.2	-0.4	
		PMZ	$m_b=4.9$	1.0	0.020
		pP	23 44 27.5	-1.2	
		eS	23 49 18.0	2.7	
		LN	$M_s=5.2$	13.0	2.50
		LE		13.0	1.50
		LZ	$M_s=5.5$	14.0	7.70
NJ2	29.8 102	+P	23 44 23.0	0.1	
		pP	23 44 29.5	-0.5	
		eS	23 49 17.0	-0.6	
		LN	$M_s=4.8$	12.0	0.77
		LE		10.0	0.51
		LZ	$M_s=4.5$	18.0	0.89
SSE	32.0 101	+P	23 44 41.6	-0.6	
		PMZ	$m_b=5.5$	1.0	0.077
		pP	23 44 48.5	-0.8	
		LN	$M_s=4.8$	14.0	0.75
		LE		14.0	0.65
		LZ	$M_s=4.5$	20.0	0.92
MDJ	32.3 73	eP	23 44 43.0	-2.1	
		LE	$M_s=5.4$	12.0	3.28
		LZ	$M_s=5.2$	16.0	3.92
QZN	33.2 131	eP	23 44 51.8	-0.4	
		eS	23 50 11.5	1.7	
		LN	$M_s=4.9$	10.0	0.61
		LE		12.0	0.75

OCT 24d 23h 46m $57.0 \pm 0.03s$, SD1.07 / 283
 $44.18 N \pm 0.60km$, $83.87 E \pm 0.44km$, $h22 \pm 0.09km$
 Northern Xinjiang Province (332)
 $M_s 5.0 / 22$, $m_b 5.2 / 100$,

WMQ	2.8 96	ePn	23 47 45.0	4.0	
		Sn	23 48 15.0	-0.7	
LZH	17.3 111	+P	23 50 59.0	0.3	
		PMZ	$m_b=5.5$	1.5	0.38
		pP	23 51 05.0	0.4	
		sP	23 51 07.0	-1.5	
		eS	23 54 09.0	0.2	

			LN		$M_s = 5.0$	10.0	2.53			sP	04 55 56.0	-1.4		
			LE			10.0	1.17			eS	04 56 42.0	2.5		
			LZ		$M_s = 4.7$	12.0	2.26	WMQ	15.9 52	eP	04 57 36.8	-1.2		
CD2	20.5	123	P	23 51	36.4	-0.5				PMZ			3.0	2.16
HHC	20.6	90	+P	23 51	37.7	-0.5				sP	04 58 08.0	-1.9		
			PMZ		$m_b = 5.6$		1.0			S	05 00 26.0	-3.8		
			LN		$M_s = 5.2$		4.0			LN			5.0	5.65
			LE				5.0			LE			5.0	6.82
XAN	21.8	109	P	23 51	50.0	-0.3		LSA	18.3 102	+P	04 58 07.6	-0.5		
			eS	23 55	52.0	6.1				PMZ			3.0	1.57
			LN		$M_s = 4.5$		8.0			SMN			5.0	4.59
			LZ		$M_s = 4.7$		8.0			SME			4.0	6.98
TIY	22.5	97	+P	23 51	56.8	0.4				S	05 01 30.0	5.7		
			PMZ		$m_b = 5.2$		1.0		GTA	23.7 71	+iP	04 59 05.0	2.5	
			LE		$M_s = 5.1$		14.0			PMZ		$m_b = 5.8$	1.0	0.43
BJI	24.2	89	eP	23 52	15.5	1.8				PMZ		$m_b = 5.9$	4.5	2.27
			PMZ		$m_b = 5.5$		1.0			pP	04 59 26.0	0.2		
			LN		$M_s = 5.0$		15.0			PP	04 59 43.0	2.6		
			LZ		$M_s = 4.9$		12.0			sS	05 03 51.0	4.1		
KMI	24.4	135	+P	23 52	16.0	0.2				LE			9.0	1.94
			PMZ		$m_b = 4.8$		2.0			LZ			10.0	2.11
			pP	23 52	23.0	0.4		LZH	27.1 78	+P	04 59 35.5	1.1		
			sP	23 52	27.0	1.0				PMZ		$m_b = 5.5$	2.0	0.23
			S	23 56	34.0	3.2				PMZ		$m_b = 5.6$	4.0	0.53
			LN		$M_s = 4.5$		8.0			pP	05 00 00.0	1.8		
GYA	25.5	126	+iP	23 52	26.6	0.4				sP	05 00 13.0	1.2		
			pP	23 52	34.0	0.9				PP	05 00 25.0	-0.1		
			S	23 56	55.6	6.3				S	05 04 04.0	2.2		
TIA	26.5	96	+P	23 52	35.5	0.5				SS	05 05 27.0	1.1		
			PMZ		$m_b = 5.5$		1.1			LN			10.0	3.36
			LN		$M_s = 4.7$		10.0			LZ			12.0	1.79
			LE				11.0		CD2	28.2 89	-P	04 59 45.0	0.9	
WHN	27.6	109	+iP	23 52	45.5	0.2				S	05 04 22.0	2.7		
			PMZ		$m_b = 5.3$		0.7			ScS	05 10 19.0	3.7		
			pP	23 52	52.0	-0.4				LN			10.0	2.03
			S	23 57	24.0	0.6				LZ			11.0	3.38
			LN		$M_s = 5.0$		9.0		KMI	29.6 101	+P	04 59 56.5	0.0	
			LE				10.0			PMZ		$m_b = 5.4$	2.5	0.21
			LZ		$M_s = 4.7$		12.0			pP	05 00 20.0	-0.5		
SNY	28.9	81	+iP	23 52	56.5	-0.8				S	05 04 42.0	0.9		
			PMZ		$m_b = 4.8$		1.2			LN			8.0	1.20
			pP	23 53	04.0	-0.5				LZ			25.0	3.30
			LE		$M_s = 5.1$		13.0		BTO	31.5 68	+iP	05 00 14.5	0.8	
			LZ		$M_s = 5.1$		16.0			pP	05 00 38.5	0.5		
CN2	29.7	76	eP	23 53	03.3	-0.7				S	05 05 14.0	2.1		
			PMZ		$m_b = 4.8$		1.0			eSS	05 07 13.0	4.4		
			pP	23 53	12.0	0.7				LN			12.0	1.90
			eS	23 58	00.0	2.4				LE			12.0	1.40
			LN		$M_s = 5.2$		12.0		XAN	31.6 81	P	05 00 15.0	1.0	
			LE				12.0			pP	05 00 38.4	-0.1		
			LZ		$M_s = 5.2$		13.0			sP	05 00 52.0	-0.1		
NJ2	29.8	102	-P	23 53	05.4	0.1				S	05 05 08.0	-4.7		
			pP	23 53	13.0	0.3				sS	05 05 52.0	-4.6		
SSE	32.0	101	+iP	23 53	24.5	-0.1				LN			10.0	0.94
			PMZ		$m_b = 5.3$		1.0			LE			10.0	1.09
			pP	23 53	30.0	-1.9			GYA	32.2 96	P	05 00 19.2	-0.1	
MDJ	32.3	73	eP	23 53	25.5	-1.9				pP	05 00 43.0	-0.7		
			LE		$M_s = 5.3$		13.0			S	05 05 22.0	0.0		
			LZ		$M_s = 5.1$		15.0			ScS	05 10 36.4	1.9		
QZN	33.2	131	eP	23 53	36.1	1.5				LN			12.0	1.30
			eS	23 58	55.0	2.8				LE			12.0	0.90
			LE		$M_s = 4.8$		11.0		HHC	32.7 68	P	05 00 24.2	0.5	
										PMZ		$m_b = 5.9$	1.0	0.20
										pP	05 00 50.0	1.8		
										S	05 05 34.0	4.1		
										LN			4.0	0.80
										LE			5.0	1.50
									TIY	33.7 73	+iP	05 00 32.0	-0.3	
<p>OCT 25d 04h 53m $59.6 \pm 0.03s$, SD1.14 / 514 $35.17 N \pm 1.01km$, $70.43 E \pm 0.52km$, $h112 \pm 0.10km$ Afghanistan (709) $m_b 5.9 / 13$, $m_b 5.8 / 124$,</p>														
KSH	6.2	44	+iP	04 55	31.0	1.2								

WHN	24.8 334	PMZ	$m_b = 6.1$	8.5	6.86	LZH	34.4 327	SMN	10.0	3.92
		iS	11 11 14.0	2.4				SME	7.0	7.16
		LN	$M_s = 5.7$	15.0	8.06			sS	11 13 49.5	-2.0
		LE		15.0	10.7			SS	11 15 36.0	-0.7
		LZ	$M_s = 5.6$	21.0	18.6			ScS	11 18 36.6	1.9
		eP	11 06 58.0	-0.1				LN	$M_s = 6.2$	25.0 35.2
		PMZ	$m_b = 5.1$	1.2	0.10			LE		17.5 13.4
		PMZ	$m_b = 6.0$	7.0	3.80			LZ	$M_s = 6.0$	24.0 36.9
		sP	11 07 17.0	3.6				+P	11 08 24.2	-0.4
		S	11 11 20.0	5.8				PMZ	$m_b = 6.2$	1.5 0.51
GYA	26.0 316	LN	$M_s = 6.1$	19.0	27.5	PMZ	$m_b = 6.1$	10.0 2.96		
		LE		19.0	31.5	pP	11 08 37.5	2.1		
		LZ	$M_s = 5.8$	20.0	26.7	sP	11 08 43.0	2.9		
		+iP	11 07 11.0	1.3		PP	11 09 40.0	0.0		
		PMZ	$m_b = 6.3$	8.0	5.70	PcP	11 10 59.5	1.0		
		pP	11 07 22.6	2.5		S	11 13 46.0	-1.8		
		S	11 11 33.0	-1.2		sS	11 14 09.0	1.7		
		+P	11 07 29.0	0.2		SS	11 16 00.0	-0.1		
		PMZ	$m_b = 5.9$	1.5	0.38	ScS	11 18 42.0	1.9		
		PMZ	$m_b = 6.3$	7.0	4.30	LN	$M_s = 6.4$	18.0 24.4		
KMI	28.1 309	pP	11 07 40.0	0.8		LE		18.0 37.1		
		S	11 12 12.0	4.1		LZ	$M_s = 6.3$	25.0 76.8		
		LN	$M_s = 5.6$	13.0	6.90	+P	11 08 28.6	-0.3		
		LE		13.0	2.60	PMZ	$m_b = 6.1$	1.0 0.30		
		LZ	$M_s = 6.2$	30.0	88.9	pP	11 08 44.0	4.2		
		+P	11 07 34.9	-1.7		S	11 14 00.0	4.3		
		PMZ	$m_b = 5.8$	1.6	0.30	LN	$M_s = 5.9$	18.0 14.6		
		PMZ	$m_b = 6.0$	10.0	2.81	LE		13.5 4.50		
		PcP	11 10 45.2	1.3		LZ	$M_s = 6.0$	20.0 24.9		
		sP	11 07 55.0	2.8		+iP	11 08 30.5	-1.1		
TIA	29.0 344	S	11 12 16.1	-6.3		pP	11 08 43.5	1.0		
		LN	$M_s = 5.8$	15.0	11.5	ePP	11 09 52.0	1.1		
		LE		12.0	3.35	S	11 14 00.0	-0.6		
		+P	11 07 45.0	-2.6		LN	$M_s = 6.1$	23.0 29.6		
		S	11 12 40.0	-1.9		LE		12.0 4.80		
		LN	$M_s = 5.8$	14.0	8.63	+iP	11 08 31.0	-0.8		
		LE		12.0	6.79	PMZ	$m_b = 5.8$	1.0 0.16		
		P	11 07 51.0	-0.9		PMZ	$m_b = 6.2$	6.0 2.70		
		eP	11 07 51.0	-0.9		pP	11 08 43.0	0.2		
		PMZ	$m_b = 6.3$	1.0	0.53	PP	11 09 53.0	1.7		
XAN	30.2 330	PMZ	$m_b = 6.3$	6.0	3.23	PcP	11 10 59.0	-2.0		
		S	11 12 50.0	0.4		S	11 14 00.0	-1.2		
		LN	$M_s = 6.0$	17.0	19.8	PcS	11 14 47.0	0.2		
		LE		17.0	13.5	SS	11 16 22.0	1.7		
		LZ	$M_s = 5.7$	24.0	19.6	LN	$M_s = 5.8$	17.0 10.5		
		P	11 07 52.0	-1.2		LE		17.0 4.20		
		PMZ	$m_b = 5.6$	1.0	0.11	LZ	$M_s = 5.8$	26.0 24.3		
		S	11 12 52.0	0.3		+P	11 08 39.7	0.2		
		LN	$M_s = 6.5$	13.0	48.5	PMZ	$m_b = 6.4$	1.3 0.93		
		LE		13.0	23.9	PMZ	$m_b = 6.7$	6.0 7.79		
DL2	30.7 353	LZ	$M_s = 6.3$	26.0	94.3	pP	11 08 52.0	1.5		
		+P	11 08 01.0	-1.0		sP	11 08 58.0	2.8		
		PMZ	$m_b = 5.6$	1.0	0.10	PP	11 10 07.0	4.8		
		S	11 12 52.0	0.3		iS	11 14 16.0	0.0		
		LN	$M_s = 6.5$	13.0	48.5	SS	11 16 39.0	-2.0		
		LE		13.0	23.9	LN	$M_s = 5.8$	20.0 9.93		
		LZ	$M_s = 6.3$	26.0	94.3	LE		14.0 5.68		
		+P	11 08 01.0	-1.0		LZ	$M_s = 5.9$	30.0 30.2		
		PMZ	$m_b = 5.6$	1.0	0.10	+iP	11 09 03.2	-0.1		
		PMZ	$m_b = 6.1$	7.0	2.15	PMZ	$m_b = 6.0$	1.2 0.31		
TIY	31.9 339	S	11 13 08.0	0.5		PMZ	$m_b = 6.2$	7.0 2.79		
		LN	$M_s = 6.0$	18.0	21.8	pP	11 09 18.0	3.7		
		LZ	$M_s = 6.0$	24.0	39.2	sP	11 09 23.0	3.9		
		eP	11 08 09.5	-1.1		PP	11 10 34.0	-2.9		
		PMZ	$m_b = 6.2$	1.0	0.39	S	11 14 58.0	-0.3		
		PMZ	$m_b = 6.2$	8.0	2.84	LE	$M_s = 6.3$	20.0 35.8		
		eS	11 13 20.0	-3.9		LZ	$M_s = 6.4$	20.0 62.5		
		LN	$M_s = 5.8$	19.0	13.1	+P	11 09 07.9	2.2		
		LZ	$M_s = 5.9$	24.0	25.4					
		+iP	11 08 15.5	-0.1						
BJI	32.9 345	PMZ	$m_b = 6.5$	1.3	1.06					
		PMZ	$m_b = 6.5$	7.0	5.36					
		sP	11 08 30.0	-1.2						
		PP	11 09 31.0	3.4						
		S	11 13 32.0	0.0						
		SNY	33.4 356							

40.86 N ± 0.66km, 107.27 E ± 0.48km, h18 ± 0.22km
Northern China (323)
M_L3.9 / 11,

BTO	2.1	96	Pg	19 34	29.6	-2.3		
			Sg	19 34	55.3	-5.3		
			SME		M _L =3.6		0.4	0.43
TIY	5.1	126	-Pn	19 35	15.0	4.5		
			+iPg	19 35	27.0	2.7		
			SMN		M _L =3.9		0.8	0.16
			SME				0.8	0.13
LZH	5.5	211	ePg	19 35	33.0	1.7		
			eSg	19 36	43.0	-2.8		
			SMN				2.0	0.21
			SME				2.0	0.12
GTA	5.9	258	Pn	19 35	23.8	2.2		
			Sn	19 36	30.4	-0.3		
			Sg	19 37	04.2	5.1		
			SMN		M _L =3.4		0.6	0.033
			SME				0.8	0.023

OCT 26d 02h 46m 43.1 ± 0.09s, SD3.76 / 5
28.37 N ± 0.64km, 104.36 E ± 0.76km, h5 ± km
Yunnan Province (318)
M_L3.0 / 3,

CD2	2.6	348	ePn	02 47	24.9	-1.0		
			Pg	02 47	29.4	0.8		
			Sn	02 48	01.7	2.1		
			SMN		M _L =3.4		0.5	0.13
			SME				0.5	0.23
GYA	2.8	132	Pn	02 47	29.4	0.4		
			Pg	02 47	36.0	3.6		
			Sn	02 48	03.2	-1.7		
			SMN		M _L =2.6		0.8	0.030
			SME				0.8	0.020

OCT 26d 00h 57m 32.9 ± 0.06s, SD2.54 / 17
28.32 N ± 0.46km, 103.96 E ± 0.48km, h13 ± 0.15km
Yunnan Province (318)
M_S4.3 / 1, M_L3.9 / 10,

CD2	2.6	356	Pn	00 58	18.0	2.9		
			Pg	00 58	22.6	3.9		
			Sn	00 58	52.0	3.8		
			iSg	00 58	55.0	0.8		
			SMN		M _L =4.0		0.8	0.60
			SME				0.8	0.91
GYA	3.0	127	Pn	00 58	22.6	1.4		
			Sn	00 58	56.6	-2.5		
			SMN		M _L =3.9		1.0	0.50
			SME				1.0	0.40
			LN		M _S =4.3		5.0	2.80
			LE				5.0	1.00

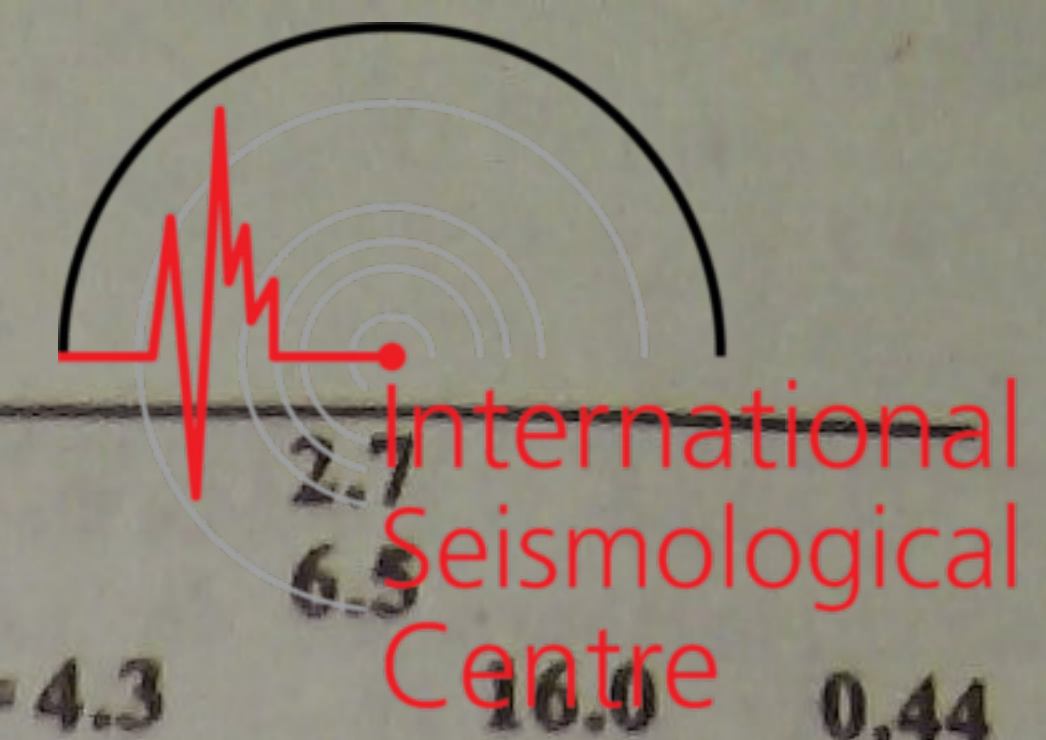
OCT 26d 05h 49m 40.0 ± 0.09s, SD2.90 / 16
34.72 S ± 2.56km, 17.25 W ± 1.95km, h10 ± 0.55km
South Atlantic Ridge (410)
M_S6.0 / 2, m_B6.1 / 1,

LZH	132.6	70	ePKP	06 09	00.0	3.5		
			SS	06 28	57.0	-3.5		
			LN		M _S =5.9		20.0	1.41
			LZ		M _S =5.7		36.0	2.33
BJI	142.9	68	ePKP	06 09	18.5	3.5		
			LZ		M _S =5.8		24.0	1.97

OCT 26d 18h 17m 33.7 ± 0.04s, SD1.36 / 201
56.13 N ± 0.57km, 110.17 E ± 0.78km, h21 ± 0.08km
Lake Baykal region (327)
M_S5.5 / 47, m_B5.1 / 4, m_b5.0 / 60

HHC	15.3	176	eP	18 21	09.6	-1.3		
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			S	18 23	56.4	-3.7		
			LN		M _B =5.3		12.0	7.00
			LE				9.0	4.50
BTO	15.5	180	P	18 21	12.0	-1.8		
			epP	18 21	19.0	-0.5		
			LN		M _B =5.7		10.0	15.8
			LE				10.0	5.20
CN2	15.7	135	P	18 21	19.5	3.4		
			PMZ		m _b =4.6		1.0	0.030
			PMZ		m _B =5.3		4.0	0.50
			pP	18 21	23.0	1.1		
			LN		M _B =5.7		7.0	6.60
			LE				7.0	11.2
			LZ		M _B =5.6		7.0	11.8
BJI	16.6	164	eP	18 21	26.5	-0.4		
			PMZ		m _b =4.9		1.2	0.065
			esS	18 24	39.0	-0.6		
			LN		M _B =5.4		8.0	6.90
			LZ		M _B =5.2		15.0	9.02
SNY	16.8	143	+P	18 21	30.6	1.5		
			pP	18 21	35.0	-0.1		
			sP	18 21	42.0	3.0		
			S	18 24	34.0	0.5		
			sS	18 24	41.0	-2.6		
			LN		M _B =5.4		10.0	5.95
			LE				8.0	2.93
			LZ		M _B =5.2		14.0	9.18
MDJ	16.9	125	eP	18 21	35.0	4.6		
			S	18 24	40.0	4.4		
			LE		M _B =6.1		6.0	24.8
			LZ		M _B =5.4		14.0	14.5
GTA	18.1	207	eP	18 21	45.0	-0.9		
			pP	18 21	52.0	0.2		
			sP	18 21	55.0	-0.7		
			SS	18 25	23.0	-3.7		
			LE		M _B =5.5		13.0	12.4
			LZ		M _B =5.3		12.0	8.13
TIY	18.5	174	-P	18 21	51.0	0.1		
			sP	18 22	00.0	-0.7		
			S	18 25	10.0	-2.8		
			sS	18 25	26.5	3.3		
			SS	18 25	39.5	2.7		
			LE		M _B =5.6		8.0	8.50
			LZ		M _B =5.2		16.0	8.94
DL2	18.8	151	eP	18 21	56.0	0.8		
			eS	18 25	20.0	-1.5		
			LN		M _B =5.1		10.0	2.85
			LE				11.0	2.11
			LZ		M _B =4.9		12.0	3.00
WMQ	18.9	239	eP	18 21	54.5	-1.2		
			sP	18 22	06.0	0.6		
			LN		M _B =5.5		6.0	5.20
			LZ		M _B =5.1		10.0	4.24
TIA	20.5	164	eP	18 22	10.5	-2.8		
			LN		M _B =5.0		12.0	2.22
			LE				12.0	1.80
LZH	20.5	195	eP	18 22	13.0	-0.7		
			PMZ		m _b =4.9		1.8	0.095
			PMZ		m _B =4.9		8.0	0.48
			pP	18 22	19.0	-1.2		
			sP	18 22	24.0	0.2		
			PP	18 22	35.0	0.9		
			LN		M _B =5.9		5.0	8.42
			LE				8.0	10.6
			LZ		M _B =5.2		14.0	6.34
XAN	22.1	183	P	18 22	29.0	-0.9		
			LN		M _B =6.0		5.0	6.10
			LE				6.0	8.70



NJ2	24.8 162	-P	18 22	57.2	0.8			SSE	32.4 348	eP	15 14	24.0	2.7				
		pP	18 23	03.5	0.2						eS	15 19	39.0	6.5			
		S	18 27	11.5	-3.3						LZ			$M_s=4.3$	16.0	0.44	
		LN			$M_s=5.1$	11.0	2.41	WHN	34.0 337	eP	15 14	33.5	-1.3				
		LE				10.0	1.17	GYA	34.4 323	P	15 14	39.0	0.1				
CD2	25.6 193	P	18 23	04.3	0.4			KMI	36.0 317	eP	15 14	53.5	0.9				
		LE			$M_s=4.9$	14.0	2.78	XAN	39.3 333	eP	15 15	18.0	-1.6				
		LZ			$M_s=5.5$	9.0	4.90	TIY	41.1 340	eP	15 15	35.2	0.4				
WHN	25.7 172	-P	18 23	05.5	0.4			BJI	42.1 345	eP	15 15	45.0	1.8				
		PMZ			$M_s=5.3$	12.0	5.09	LZH	43.3 330	eP	15 15	55.0	1.6				
		sP	18 23	16.5	1.1	5.0	0.50			sP	15 16	07.0	0.3				
		S	18 27	30.0	0.0					LZ			$M_s=4.2$	16.0	0.24		
		sS	18 27	44.0	1.6			CN2	44.4 356	eP	15 16	06.0	4.7				
		LN			$M_s=5.4$	8.0	1.62	LSA	47.0 313	P	15 16	23.4	0.9				
		LE				8.0	2.60	GTA	47.9 330	eP	15 16	28.0	-1.9				
GYA	29.8 186	LZ			$M_s=4.8$	16.0	2.37	WMQ	57.5 326	P	15 17	43.5	2.4				
		P	18 23	41.6	0.0			OCT 27d 19h 58m 03.0 ± 0.06s, SD3.98 / 5 37.11 N ± 0.60km, 103.69 E ± 0.47km, h2 ± 0.10km Gansu Province (322) $M_L3.5 / 4,$									
		pP	18 23	49.4	0.8			GTA	3.8 308	Pn	19 59	00.8	-2.4				
		S	18 28	36.6	1.8					Pg	19 59	09.0	-1.4				
		LN			$M_s=5.2$	12.0	2.20			SMN			$M_L=2.9$	0.6	0.030		
QZN	37.0 181	LE				15.0	2.30			SME			0.6	0.030			
		P	18 24	45.4	0.8			OCT 28d 02h 25m 24.6 ± 0.02s, SD1.76 / 6 44.28 N ± 0.21km, 83.63 E ± 0.17km, h10 ± 0.10km Northern Xinjiang Province (332) $M_L3.1 / 6,$									
		PMZ			$m_b=5.2$	1.1	0.050	WMQ	3.0 98	Pn	02 26	14.7	2.3				
Eastern China (664)	$M_L3.5 / 15,$	eS	18 30	25.0	-4.1					Sn	02 26	51.5	1.6				
		LN			$M_s=5.3$	11.5	1.71			SMN			$M_L=3.2$	0.6	0.080		
		LE				10.0	1.23			SME				0.6	0.10		
		OCT 28d 06h 25m 06.6 ± 0.05s, SD2.37 / 10 24.92 N ± 0.44km, 115.39 E ± 0.40km, h12 ± 0.17km Near south-eastern coast of China (242) $M_s4.0 / 1, M_L3.4 / 9,$															
		TIA	1.5 93	Pg	19 44	36.7	-0.5			GZH	2.6 226	Pg	06 25	51.8	-1.0		
				Sg	19 44	57.1	-0.5					SMN			$M_L=3.9$	0.5	0.52
				SMN			$M_L=3.3$	0.4	0.44			SME				0.5	0.60
				SME				0.4	0.36			SME					
		TIY	2.7 302	ePn	19 44	53.3	-0.4			QZH	2.9 89	ePg	06 25	58.5	0.5		
				+Pg	19 44	57.8	-0.1					Sn	06 26	26.0	-3.9		
		Sg	19 45	31.8	-2.7					Sg	06 26	38.0	0.4				
		SMN			$M_L=3.6$	0.4	0.34			SMN			$M_L=3.3$	0.5	0.14		
		SME				0.6	0.24			SME				0.5	0.10		
BJI	3.8 10	Pg	19 45	16.5	-1.1			QZN	7.8 222	ePn	06 27	03.0	2.6				
		Sn	19 46	01.5	6.5			SSE	8.0 38	eP	06 27	04.0	-1.8				
		SMN			$M_L=3.0$	0.5	0.039			SMN			$M_L=3.4$	0.8	0.011		
		SME				0.5	0.028			SME				1.0	0.011		
HHC	5.4 328	ePg	19 45	48.4	2.4					LN			$M_s=4.0$	4.0	0.40		
		Sg	19 46	52.7	-6.6			OCT 28d 06h 53m 00.3 ± 0.04s, SD0.98 / 354 49.74 N ± 0.85km, 155.85 E ± 0.60km, h47 ± 0.08km Kurile Islands (221) $M_s4.7 / 23, m_b5.5 / 2, m_b5.4 / 105$									
		SMN			$M_L=3.8$	0.6	0.10	MDJ	18.5 264	eP	06 57	14.0	-1.3				
		SME				0.6	0.10			PMZ			$m_b=5.2$	1.2	0.16		
WHN	5.8 188	Pg	19 45	55.5	2.2					PP	06 57	32.0	1.2				
		Sg	19 47	15.7	3.0					eS	07 00	40.0	3.3				
		SMN			$M_L=3.2$	0.7	0.030			sS	07 00	53.0	1.0				
		SME				0.7	0.010			LN			$M_s=4.9$	12.0	2.13		
OCT 27d 03h 42m 16.1 ± 0.05s, SD1.36 / 12 36.78 N ± 0.36km, 71.92 E ± 0.60km, h24 ± 0.07km Afghanistan-USSR border region (717) $M_L4.1 / 1, m_b5.3 / 5,$																	
KSH	4.2 48	Pg	03 43	28.0	-2.1					LE			$M_s=4.4$	30.0	2.32		
		SMN			$M_L=4.1$	0.3	0.40			LZ							
		SME				0.3	0.30			-P	06 57	47.0	-0.9				
GTA	22.1 75	eP	03 47	14.0	2.4					PMZ			$m_b=4.7$	1.0	0.040		
OCT 27d 15h 07m 52.0 ± 0.06s, SD2.13 / 35 0.64 S ± 1.04km, 128.89 E ± 2.52km, h34 ± 0.25km Djailolo Gilolo (Halmahera) (267) $m_b5.0 / 1,$																	
										epP	06 57	58.0	-1.0				

		eS	07 01	37.0	-1.8					LE	$M_s = 5.2$	15.0	2.00			
		eSS	07 02	13.0	-2.7					LZ	$M_s = 5.2$	16.0	2.02			
		LN		$M_s = 4.6$	17.0	1.50	GZH	42.5	247	+P	07 00	54.7	1.5			
		LE			17.0	0.60	CD2	43.0	264	P	07 00	57.3	0.1			
		LZ		$M_s = 4.8$	22.0	3.50				PMZ	$m_b = 5.0$	0.8	0.020			
SNY	23.7	263	+P	06 58	09.0	-0.1	GYA	44.2	257	P	07 01	09.0	2.2			
			PMZ		$m_b = 4.5$	1.2	0.028			LZ	$M_s = 4.8$	20.0	1.20			
			sP	06 58	24.0	-1.6				PP	07 02	52.0	1.0			
			S	07 02	14.0	-2.7				S	07 07	38.0	3.2			
			LN		$M_s = 4.8$	18.0	2.08			sS	07 07	59.0	2.8			
			LZ		$M_s = 4.6$	21.0	1.84	WMQ	45.6	290	eP	07 01	19.0	0.8		
DL2	26.6	259	eP	06 58	36.0	0.0				pP	07 01	30.5	0.4			
			S	07 03	03.0	-1.2				PcP	07 02	57.0	1.5			
			LN		$M_s = 4.6$	14.0	0.91			PcS	07 06	50.0	1.8			
			LZ		$M_s = 4.3$	24.0	0.98			eS	07 07	58.5	2.0			
BJI	29.4	266	eP	06 59	01.0	-1.0				LN	$M_s = 4.9$	9.0	0.42			
			PMZ		$m_b = 4.6$	1.0	0.012			LZ	$M_s = 4.8$	20.0	1.00			
			PcP	07 02	06.0	-0.3	KMI	47.6	259	+P	07 01	34.0	0.0			
			eS	07 03	50.0	-1.2				sP	07 01	50.0	-0.8			
			PcS	07 05	49.0	1.0	QZN	47.7	247	P	07 01	36.1	1.4			
			LN		$M_s = 4.5$	16.0	0.72			PMZ	$m_b = 5.4$	0.8	0.040			
			LZ		$M_s = 4.7$	22.0	1.78			eS	07 08	26.0	-0.4			
TIA	31.0	259	eP	06 59	14.6	-1.6	KSH	55.3	292	P	07 02	31.0	-0.7			
			PcP	07 02	10.5	0.0				S	07 10	09.0	0.1			
			LN		$M_s = 4.4$	34.0	1.00	<hr/> OCT 28d 07h 41m $08.6 \pm 0.04s$, $SD1.29 / 67$ $2.61 S \pm 0.92km$, $88.39 E \pm 0.73km$, $h9 \pm 0.15km$ South Indian Ocean (425) $M_s 4.6 / 3$, $m_b 5.2 / 11$,								
SSE	31.9	247	-P	06 59	24.5	0.5				QZN	30.1	44	eP	07 47	18.0	-3.4
			PMZ		$m_b = 5.4$	1.0	0.070			eS	07 52	15.5	-3.9			
			PcP	07 02	13.7	0.8				LN	$M_s = 4.8$	14.0	1.20			
			S	07 04	35.0	5.5				LSA	32.2	5	P	07 47	41.7	1.3
			LN		$M_s = 4.6$	17.0	0.62			CD2	36.4	23	eP	07 48	15.7	-0.2
			LE			16.0	0.45			LZH	41.1	19	eP	07 48	55.0	-0.3
			LZ		$M_s = 4.5$	20.0	0.92			PMZ	$m_b = 4.9$	1.5	0.030			
HHC	32.0	271	eP	06 59	24.4	-0.4				sP	07 49	01.5	-1.6			
			LN		$M_s = 4.9$	14.0	0.50			LE	$M_s = 4.4$	12.0	0.21			
			LE			15.0	1.30			LZ	$M_s = 4.4$	23.0	0.61			
NJ2	32.7	251	-P	06 59	30.5	0.0				WHN	41.2	35	eP	07 48	57.5	1.4
			S	07 04	40.0	-1.1				XAN	41.3	26	pP	07 49	03.0	1.6
			LZ		$M_s = 4.3$	22.0	0.69			GTA	43.1	13	eP	07 48	56.0	-0.4
BTO	33.1	272	eP	06 59	34.0	-0.7				KSH	43.5	346	P	07 49	11.6	-0.1
			eS	07 04	48.0	-1.5				SSE	45.8	40	eP	07 49	32.0	-1.1
			LN		$M_s = 5.0$	15.0	1.00			eS	07 56	18.0	1.4			
			LE			15.0	1.40			LZ	$M_s = 4.4$	16.0	0.35			
TIY	33.1	265	-iP	06 59	35.1	0.3				TIY	45.9	27	eP	07 49	34.4	0.4
			S	07 04	54.5	5.8				S	07 56	22.0	5.1			
			LE		$M_s = 4.5$	14.0	0.55			sS	07 56	30.0	3.2			
			LZ		$M_s = 4.6$	20.0	1.25			LE	$M_s = 4.6$	12.0	0.28			
WHN	36.5	254	+P	07 00	03.5	0.3				LZ	$M_s = 4.7$	18.0	0.73			
			PMZ		$m_b = 5.8$	0.5	0.080			WMQ	46.2	359	P	07 49	37.0	0.5
			pP	07 00	15.5	0.5				BJI	49.5	28	sP	07 49	45.5	1.1
			iPcP	07 02	27.0	1.2				eP	07 50	01.5	-0.5			
			LE		$M_s = 4.6$	17.0	0.70	<hr/> OCT 28d 15h 57m $22.1 \pm 0.04s$, $SD1.20 / 186$ $7.38 S \pm 0.62km$, $128.40 E \pm 0.94km$, $h131 \pm 0.08km$ Banda Sea (280) $m_b 5.4 / 60$,								
			LZ		$M_s = 4.4$	20.0	0.60			QZN	32.0	325	eP	16 03	38.4	0.1
XAN	37.6	263	P	07 00	12.5	-0.5				eS	16 08	38.5	-0.8			
QZH	38.0	243	+P	07 00	16.8	0.8				QZH	33.5	344	+P	16 03	51.3	-0.2
			PMZ		$m_b = 5.4$	1.0	0.060			PMZ	$m_b = 5.4$	0.8	0.050			
			eS	07 06	05.0	0.6				GZH	33.7	334	+P	16 03	53.7	0.9
LZH	39.7	270	eP	07 00	30.0	0.0				SSE	38.9	350	+iP	16 04	37.5	0.9
			PMZ		$m_b = 5.1$	1.6	0.044			PMZ	$m_b = 5.4$	1.0	0.068			
			pP	07 00	43.0	1.3				ScP	16 10	17.5	-2.0			
			sP	07 00	47.0	0.1										
			ePP	07 02	08.0	2.8										
			PcP	07 02	36.5	0.8										
			eS	07 06	28.5	-1.4										
			LN		$M_s = 4.9$	14.0	0.53									
			LE			17.0	0.91									
			LZ		$M_s = 3.9$	25.0	0.23									
GTA	40.4	277	+P	07 00	35.8	0.1										
			PMZ		$m_b = 4.7$	0.8	0.010									

GYA	39.7	329	eS	16 10 18.0	-6.9					BJI	148.6	107	ePKP	16 23 23.5	0.8					
			+iP	16 04 44.8	1.2					OCT 28d 17h 14m 49.5 ± 0.04s, SD1.15 / 64										
			PcP	16 06 48.8	1.2					30.70 N ± 0.51km, 81.55 E ± 0.48km, h25 ± 0.05km										
			ScP	16 10 21.0	-1.7					Tibet (306)										
WHN	40.0	341	ScS	16 14 32.0	-2.4					M _S 4.3 / 8, M _L 4.0 / 1, m _b 4.5 / 15										
			+iP	16 04 48.0	1.7					LSA	8.4	94	P	17 16 54.7	1.9					
			PMZ	m _b = 5.6		1.0	0.11						S	17 18 29.0	2.3					
			ScP	16 10 21.5	-2.5								SMN	M _L = 4.0	0.8	0.036				
			PcS	16 10 38.0	0.4								SME		1.0	0.034				
NJ2	40.3	347	+P	16 04 49.0	1.0								LE	M _S = 3.9	7.0	0.52				
			PMZ	m _b = 5.4		1.2	0.090			KSH	9.9	334	eP	17 17 15.0	0.8					
			ScP	16 10 22.5	-2.4					WMQ	14.0	19	P	17 18 10.5	1.9					
			S	16 10 40.0	-4.6					GTA	17.3	55	eP	17 18 50.6	-0.5					
KMI	40.9	323	+P	16 04 55.0	1.8								PMZ	m _b = 4.1	1.0	0.010				
			PMZ	m _b = 5.4		1.5	0.11			CD2	19.1	84	eP	17 19 14.0	0.8					
			pP	16 05 24.0	2.1					LZH	19.4	68	eP	17 19 15.5	-1.0					
TIA	44.6	347	eP	16 05 23.2	-0.4								PMZ	m _b = 4.6	2.0	0.054				
CD2	44.8	329	P	16 05 24.9	-0.1								sP	17 19 27.0	0.0					
			PMZ	m _b = 5.2		1.0	0.040						eS	17 22 47.0	-1.3					
XAN	45.1	337	+iP	16 05 27.1	-0.6								LN	M _S = 4.3	12.0	0.68				
DL2	46.5	353	P	16 05 38.5	0.3								LZ	M _S = 4.1	13.0	0.53				
			PMZ	m _b = 5.3		1.0	0.050			KMI	19.5	101	eP	17 19 17.5	-0.8					
TIY	47.3	343	+P	16 05 44.0	-0.5								PMZ	m _b = 4.7	2.0	0.070				
			PMZ	m _b = 5.4		0.8	0.050						pP	17 19 25.5	0.5					
			sP	16 06 23.0	-5.9								sP	17 19 30.0	1.1					
			S	16 12 24.0	-2.0								S	17 22 51.0	-0.1					
BJI	48.5	347	eP	16 05 53.5	-0.6								LZ	M _S = 4.2	16.0	0.80				
			PMZ	m _b = 5.6		1.0	0.097			GYA	22.4	95	P	17 19 49.0	0.6					
			PcP	16 07 18.0	0.2					XAN	23.3	75	P	17 19 56.7	-0.4					
			ScP	16 10 55.0	-3.6					BTO	25.1	59	eP	17 20 15.0	1.1					
			eS	16 12 39.5	-4.9								eS	17 24 40.5	6.0					
			eScS	16 15 27.0	-2.6					HHC	26.3	59	eP	17 20 25.0	-0.2					
LZH	49.0	334	+iP	16 05 58.5	0.4					TIY	26.4	66	eP	17 20 26.3	-0.1					
			PMZ	m _b = 5.7		1.5	0.18						sS	17 25 13.0	3.8					
			pP	16 06 32.0	4.4								LN	M _S = 4.3	13.0	0.40				
			ScP	16 10 58.0	-2.7					BJI	29.6	62	eP	17 20 55.5	0.5					
			S	16 12 47.0	-3.3								PMZ	m _b = 4.3	1.1	0.0070				
			SMN			5.0	0.23			SNY	35.3	60	+iP	17 21 45.8	0.4					
			SME			5.0	0.26			CN2	36.9	57	P	17 21 58.4	-0.1					
SNY	49.2	355	eP	16 05 58.5	-0.6								PMZ	m _b = 4.8	1.0	0.018				
			S	16 12 50.5	-2.0								epP	17 22 08.0	1.7					
HHC	50.4	343	-iP	16 06 09.2	0.3								eS	17 27 41.0	-0.5					
			PMZ	m _b = 5.3		1.0	0.050			OCT 29d 06h 42m 41.0 ± 0.04s, SD1.71 / 26										
BTO	50.7	342	P	16 06 09.6	-1.0					55.91 S ± 1.92km, 143.23 W ± 0.69km, h9 ± 0.03km										
CN2	51.0	357	+P	16 06 12.0	-1.2					South Pacific Cordillera (691)										
LSA	51.4	318	P	16 06 17.0	0.5					m _b 5.1 / 3,										
GTA	53.6	333	+iP	16 06 32.2	-0.1					WMQ	145.8	271	P	07 02 23.0	1.8					
			PMZ	m _b = 5.5		0.8	0.057						pP	07 02 29.5	3.1					
			PcP	16 07 35.8	-0.6								LZ	M _S = 5.3	32.0	0.76				
WMQ	62.8	328	+iP	16 07 36.5	-0.5					OCT 29d 08h 52m 38.1 ± 0.06s, SD1.71 / 47										
			PMZ	m _b = 5.7		1.0	0.11			40.46 N ± 0.68km, 77.97 E ± 0.64km, h24 ± 0.05km										
			PcP	16 08 16.0	3.0					Southern Xinjiang Province (321)										
			S	16 15 50.0	-3.3					M _S 4.2 / 5, M _L 4.7 / 6, m _b 4.5 / 10										
KSH	67.3	318	+iP	16 08 06.0	0.5					KSH	1.8	240	-iPg	08 53 10.0	-0.9					
			eS	16 16 49.0	0.1								Sg	08 53 36.0	0.0					
OCT 28d 16h 03m 41.5 ± 0.04s, SD1.10 / 36													SMN	M _L = 4.2	0.5	2.30				
57.83 S ± 1.04km, 23.25 W ± 0.87km, h31 ± 0.18km													SME		0.5	2.10				
South Sandwich Islands region (153)													WMQ	8.0	62	P	08 54 35.6	0.1		
m _b 5.1 / 1,													S	08 56 07.4	1.9					
LZH	139.2	99	ePKP	16 23 06.0	-0.8								SMN	M _L = 5.2	1.5	0.74				
XAN	140.3	106	PKP	16 23 08.5	-0.1								SME		1.3	0.60				
SSE	143.9	122	ePKP	16 23 13.3	-1.4					GTA	16.8	87	P	08 56 33.4	-0.2					
TIY	144.9	105	+PKP	16 23 16.8	0.1								PMZ	m _b = 4.4	1.0	0.020				
BTO	145.8	100	PKP	16 23 19.0	0.7								pP	08 56 38.4	-1.4					
TIA	146.1	112	ePKP	16 23 20.1	1.4								LE	M _S = 3.9	11.0	0.29				

			LZ	$M_s = 5.3$	26.0	0.54
LSA	163.5	75	PKP	14 59 26.4	2.4	
GTA	164.8	30	-iPKP	14 59 26.4	1.4	
			pPKP	14 59 44.0	3.1	
			PKP2	15 00 22.8	2.9	
			pPKP2	15 00 39.8		
BJI	165.5	339	ePKP	14 59 26.0	0.5	
			PP	15 04 10.0	-2.7	
			LZ	$M_s = 5.3$	15.0	0.29
HHC	165.6	354	PKP	14 59 27.8	2.0	
TIA	168.4	328	-PKP	14 59 28.5	1.0	
			PKP2	15 00 36.9	-0.5	
TIY	168.6	348	-PKP	14 59 28.5	0.8	
			pPKP	14 59 48.0	4.4	
			PKP2	15 00 39.0	0.7	
			PP	15 04 27.0	-1.5	
			LZ	$M_s = 5.4$	22.0	0.65
SSE	168.8	297	ePKP	14 59 25.0	-2.7	
			pPKP	14 59 46.2	2.5	
			PKP2	15 00 36.0	-3.3	
LZH	169.3	26	-PKP	14 59 30.5	2.2	
			pPKP	14 59 47.5	3.5	
			PKP2	15 00 42.0	0.5	
			LZ	$M_s = 5.2$	30.0	0.57
NJ2	170.2	306	+PKP	14 59 30.0	1.4	
			PP	15 04 34.0	-2.4	
QZN	172.5	182	ePKP	14 59 30.5	0.6	
			PP	15 04 48.5	0.5	
			SS	15 25 52.0	0.7	
XAN	172.5	4	+PKP	14 59 31.0	1.0	
			pPKP	14 59 49.0	3.4	
			PP	15 04 46.0	-2.1	
CD2	173.3	48	PKP	14 59 31.6	1.1	
KMI	173.7	101	-PKP	14 59 31.0	-0.1	
			sPKP	14 59 50.0	-3.4	
			PKP2	15 01 05.0	3.9	
			PP	15 04 56.0	1.9	
			PPMZ		2.0	0.050
WHN	174.2	314	-ePKP	14 59 31.0	0.0	
			pPKP	14 59 50.0	2.9	
			PKP2	15 01 03.5	0.4	
			PP	15 04 54.5	-1.9	
			PPMZ	$m_B = 5.5$	6.0	0.35
GYA	177.4	92	PKP	14 59 32.4	0.9	
			sPKP	14 59 50.8	-3.1	
			PP	15 05 14.0	2.5	
			SKKS	15 11 53.0	3.2	

OCT 31d 15h 15m $11.2 \pm 0.08s$, SD0.93 / 106
 $52.14 N \pm 1.11km$, $158.73 E \pm 0.80km$, $h35 \pm 0.15km$
 Near east coast of Kamchatka (218)
 $m_s 4.9 / 38$,

CN2	23.6	263	P	15 20 20.8	0.6	
			epP	15 20 30.0	0.5	
			eS	15 24 27.0	-2.2	
			LZ	$M_s = 4.0$	18.0	0.40
TIY	35.2	264	-iP	15 22 05.0	0.6	
XAN	39.7	263	eP	15 22 45.2	2.6	
LZH	41.5	270	eP	15 22 57.0	-0.3	
GYA	46.5	257	P	15 23 37.2	-0.2	
WMQ	46.5	289	P	15 23 37.5	0.0	
			pP	15 23 44.5	-2.7	