

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
1984 9 1								LAT = 44.31 N +/- 3.54 KM									
O = 08 09 24.4 +/- 0.16 SEC								LONG = 149.60 E +/- 2.09 KM									
LAT = 11.56 N +/- 2.27 KM								DEPTH = 31 KM +/- 0.53 KM									
LONG = 121.83 E +/- 2.91 KM								mb(NEIS) = 5.1									
DEPTH = 32 KM +/- 0.23 KM								STATIONS USED = 64, STAND DEV = 1.80 SEC									
Ms(CHINA) = 4.5/3, mb(NEIS) = 4.8								MDJ	14.3	278	EP	12 54 28.0	- 0.2				
STATIONS USED = 29, STAND DEV = 2.54 SEC								CN2	17.4	276	EP	12 55 06.0	- 1.5				
QZN	13.7	304	EP	08 12 36.5	- 2.8						PmZ				3.0 0.3		
			S	08 15 08.0	- 3.9						ES	12 58 11.0	- 14.0				
			LN		Ms = 4.5	10.0	1.0				LE			15.0	1.0		
			LE			12.0	1.9	SNY	19.1	271	EP	12 55 29.1	- 0.3				
SSE	19.4	358	EP	08 13 52.3	1.1			DL2	21.5	265	EP	12 55 54.5	- 0.2				
			XS	08 17 36.0	0.5			BJI	25.0	271	PR	12 56 30.0	1.1				
NJ2	20.6	352	PD	08 14 04.0	0.7			TIA	25.9	263	EP	12 56 39.4	1.9				
			ES	08 17 46.0	- 0.9			NJ2	26.9	253	EP	12 56 50.5	4.0				
GYA	20.6	318	P	08 14 03.6	0.0						XP	12 57 03.5	4.3				
			ES	08 17 57.0	9.6			HHC	28.1	276	EP	12 56 58.0	1.1				
KMI	22.5	309	PC	08 14 26.0	2.6			TIY	28.6	269	EP	12 57 03.0	1.0				
			XP	08 14 29.5	- 6.4			BTO	29.2	276	EP	12 57 08.8	1.3				
			ES	08 18 29.0	4.8			WHN	30.9	255	EP	12 57 23.0	0.6				
TIA	24.9	350	EP	08 14 46.7	0.5			XAN	32.9	265	P	12 57 39.4	0.0				
XAN	25.3	334	EP	08 14 48.1	- 1.8			LZH	35.5	272	IPC	12 58 03.0	0.6				
			ES	08 19 08.0	- 3.5			CD2	38.2	265	P	12 58 26.2	1.2				
			LE		Ms = 4.5	13.0	0.9	GYA	38.8	257	P	12 58 30.2	0.6				
CD2	25.5	321	P	08 14 52.3	0.4			KMI	42.4	259	PC	12 59 00.0	0.6				
			ES	08 19 22.0	6.9						ES	13 05 22.0	3.1				
			LE		Ms = 4.5	11.0	0.8	WMQ	43.5	292	PC	12 59 09.6	0.7				
LZH	29.3	329	EP	08 15 27.5	0.6			1984 9 1									
CN2	32.3	4	EP	08 15 42.0	- 10.7			O = 15 30 17.9 +/- 0.12 SEC									
MDJ	33.6	10	EP	08 16 05.0	0.7			LAT = 52.33 N +/- 4.92 KM									
WMQ	43.6	323	EP	08 17 31.0	3.3			LONG = 170.68 W +/- 1.93 KM									
1984 9 1								DEPTH = 30 KM +/- 0.57 KM									
O = 11 38 32.6 +/- 0.17 SEC								mb(NEIS) = 4.8									
LAT = 47.60 N +/- 2.48 KM								STATIONS USED = 35, STAND DEV = 2.05 SEC									
LONG = 27.66 W +/- 1.20 KM								CN2	42.2	284	EP	15 38 08.8	- 1.7				
DEPTH = 6 KM +/- 0.45 KM								SSE	53.0	274	(P)	15 39 34.3	- 0.3				
Ms(CHINA) = 4.6, mb(NEIS) = 4.7								BTO	53.2	290	P	15 39 36.6	0.1				
STATIONS USED = 25, STAND DEV = 1.17 SEC								NJ2	53.8	277	EP	15 39 39.4	- 0.8				
WMQ	72.7	43	P	11 50 05.4	1.4			WHN	57.6	279	EP	15 40 06.5	- 1.1				
CN2	85.9	19	EP	11 51 15.2	- 0.6			XAN	58.3	285	EP	15 40 12.5	- 0.7				
MDJ	86.0	16	P	11 51 15.2	- 1.0			CD2	63.6	286	EP	15 40 49.0	0.1				
LZH	86.1	37	EP	11 51 17.5	0.8			GYA	65.2	281	P	15 40 59.0	0.0				
1984 9 1								1984 9 1									
O = 12 51 05.8 +/- 0.11 SEC																	

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>O = 17 05 53.2 +/- 0.07 SEC LAT = 44.49 N +/- 2.01 KM LONG = 149.55 E +/- 1.31 KM DEPTH = 26 KM +/- 0.27 KM Ms(CHINA) = 5.5/34, Msz(NEIS) = 5.7, mb(NEIS) = 5.7 STATIONS USED = 90, STAND DEV = 1.16 SEC</p>															
MDJ	14.2	277	EP	17 09 15.7	0.2										
			AP	17 09 24.0	2.2										
			XP	17 09 32.0	5.7										
			SS	17 12 09.0	- 0.6										
			LE			Ms = 5.5	14.0 25.8								
CN2	17.3	276	PU	17 09 54.3	- 0.6										
			P _m E				6.0 1.2								
			XP	17 10 10.0	4.2										
			ES	17 13 02.0	- 8.2										
			EXS	17 13 16.0	- 4.5										
			LN			Ms = 5.5	15.0 11.5								
			LE				15.0 17.4								
SNY	19.1	271	IPU	17 10 16.0	- 1.1										
			P _m Z				13.0 3.1								
			AP	17 10 28.0	4.2										
			S	17 13 50.0	3.9										
			XS	17 14 05.0	8.3										
			SS	17 14 19.0	8.0										
			LN			Ms = 5.3	12.0 4.4								
			LE				14.5 9.9								
DL2	21.5	264	P	17 10 43.0	0.3										
			P _m N				4.0 0.9								
			P _m E				6.0 1.7								
			P _m Z				5.0 1.7								
			S	17 14 35.0	- 0.3										
			LE			Ms = 5.3	14.0 8.3								
BJI	25.0	271	PU	17 11 17.5	0.8										
			P _m N				6.0 0.5								
			P _m E				6.0 1.3								
			P _m Z				6.0 1.8								
			AP	17 11 31.0	6.5										
			S	17 15 44.0	7.3										
			S _m E				11.0 4.5								
			LN			Ms = 5.4	20.0 13.5								
TIA	25.9	262	P	17 11 26.4	0.8										
			XP	17 11 43.0	5.9										
			S	17 15 57.0	4.7										
			LN			Ms = 5.3	17.0 5.7								
			LE				17.0 5.8								
SSE	26.0	248	P	17 11 26.0	0.3										
			ES	17 15 56.0	3.4										
			XS	17 16 11.0	5.4										
			SS	17 17 07.0	9.0										
			PCS	17 18 32.0	- 1.5										
			LN			Ms = 5.7	16.0 18.3								
NJ2	26.9	253	PD	17 11 35.8	0.9										
			XP	17 11 52.0	5.5										
			S	17 16 10.0	1.1										
			LN			Ms = 5.8	16.0 16.7								
			LE				16.0 12.5								
HHC	28.0	275	PC	17 11 45.6	0.9										
			(S)	17 16 31.0	4.8										
			LN			Ms = 5.5	13.0 3.3								
			LE				13.0 8.5								
TIY	28.6	269	P	17 11 50.5	0.5										
			AP	17 12 03.5	5.8										
			XP	17 12 09.0	7.5										
			S	17 16 56.0	20.3										
			LN			Ms = 5.3	14.0 4.2								
			LE				13.0 2.4								
BTO	29.2	276	IPU	17 11 55.5	0.2										
			S	17 16 48.0	2.8										
			LN			Ms = 5.7	14.0 9.1								
			LE				14.0 8.4								
WHN	30.9	255	EP	17 12 10.0	- 0.7										
			ES	17 17 14.0	1.3										
			XS	17 17 28.0	2.0										
			LN			Ms = 5.7	16.5 13.6								
QZH	31.8	242	EP	17 12 21.0	2.9										
			S	17 17 32.0	6.1										
			S _m N				5.0 1.1								
			S _m E				6.0 1.0								
			XS	17 17 46.0	6.8										
			LN			Ms = 5.4	17.0 5.2								
			LE				15.0 3.2								
XAN	32.8	265	EP	17 12 27.0	- 0.5										
			AP	17 12 38.5	3.1										
			S	17 17 47.0	4.4										
			LN			Ms = 5.6	17.0 6.8								
			LE				17.0 8.6								
LZH	35.5	272	IPC	17 12 50.5	0.2										
			P _m Z				1.0 0.4								
			EPP	17 14 12.0	2.1										
			ES	17 18 08.0	- 15.6										
			LN			Ms = 5.5	12.0 4.7								
GZH	36.5	246	PC	17 12 59.5	1.0										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			S	17 18 40.0	1.3						LN		Ms=4.8	14.0	2.3
			LN		Ms=5.6	20.0	4.5	TIA	26.0	262	EP	17 50 03.1	0.3		
			LE			20.0	10.2	NJ2	27.0	253	EP	17 50 12.0	- 0.1		
CD2	38.2	265	P	17 13 13.4	0.3						LN		Ms=5.3	17.0	5.6
			S	17 19 05.0	- 0.1						LE			16.0	2.9
			LE		Ms=5.4	16.0	4.5	HHC	28.0	275	EP	17 50 22.0	0.2		
GYA	38.8	256	P	17 13 17.6	- 0.4			BTO	29.2	276	EP	17 50 32.1	- 0.4		
			XP	17 13 34.0	4.4			WHN	31.0	255	EP	17 50 46.5	- 1.5		
			PP	17 14 53.0	2.6			XAN	32.9	265	P	17 51 04.0	- 0.7		
			S	17 19 15.0	0.9			LZH	35.5	272	IPC	17 51 27.5	0.0		
			LN		Ms=5.8	16.0	7.8				P _m Z			1.0	0.1
			LE			16.0	8.2	GZH	36.5	246	P	17 51 36.0	0.2		
KMI	42.4	258	EP	17 13 47.0	- 0.7			CD2	38.2	265	P	17 51 50.0	- 0.3		
			XP	17 14 04.5	5.3			GYA	38.8	256	P	17 51 55.0	- 0.3		
			PP	17 15 28.0	- 0.6			QZN	41.7	245	EP	17 52 24.0	5.1		
			ES	17 20 06.0	- 1.7						ES	17 58 45.0	9.0		
			LN		Ms=5.6	16.0	6.7				LN		Ms=5.2	16.0	2.2
WMQ	43.4	291	PC	17 13 56.6	0.3						LE			16.0	1.4
			AP	17 14 08.0	3.7			KMI	42.4	258	IPC	17 52 25.0	0.0		
			XP	17 14 13.5	5.5						XP	17 52 39.0			
			PP	17 15 41.5	2.4						ES	17 58 56.0	9.1		
			S	17 20 24.0	0.9						LN		Ms=5.1	18.0	2.3
			S _m N			8.0	1.0	WMQ	43.5	291	PC	17 52 33.9	0.5		
			XS	17 20 43.5	7.2										
			SCS	17 23 55.8	4.7										
			LN		Ms=6.1	16.0	18.2								
			LE			18.0	13.1								
1984 9 1															
O=17 44 27.7 +/- 0.14 SEC															
LAT=44.52 N +/- 4.08 KM															
LONG=149.62 E +/- 2.72 KM															
DEPTH=10 KM +/- 0.65 KM															
Ms(CHINA)=4.8/9, mb(NEIS)=5.4															
STATIONS USED=78, STAND DEV=2.60 SEC															
MDJ	14.3	277	EP	17 47 52.7	0.3			MDJ	14.2	276	EP	19 00 01.5	0.0		
CN2	17.3	276	EP	17 48 31.3	- 0.6			CN2	17.2	275	EP	19 00 40.0	- 1.0		
			ES	17 51 41.0	- 5.0			SNY	19.1	270	EP	19 01 02.8	- 0.8		
			LN		Ms=4.7	14.0	3.1	BJI	24.9	270	PD	19 02 03.0	- 0.2		
SNY	19.2	271	PC	17 48 53.7	- 0.4			NJ2	27.0	252	EP	19 02 28.2	6.0		
DL2	21.6	264	EP	17 49 19.8	- 0.2			BTO	29.1	275	EP	19 02 45.0	3.4		
			LE		Ms=4.6	15.0	1.7	XAN	32.8	265	P	19 03 12.7	- 1.5		
BJI	25.0	271	EP	17 49 54.0	0.1			CD2	38.2	264	P	19 03 59.0	- 0.8		
			I	17 50 07.0				GYA	38.8	256	P	19 04 04.0	- 1.1		
			S	17 54 13.0	- 2.7			KMI	42.4	258	EP	19 04 33.5	- 1.2		
			EXS	17 54 32.0	7.5			WMQ	43.3	291	PC	19 04 42.5	0.4		
1984 9 1															
O=21 16 08.5 +/- 0.24 SEC															
LAT=18.13 S +/- 4.95 KM															

September

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LONG = 178.21 W +/- 1.96 KM DEPTH = 481 KM +/- 3.35 KM mb(NEIS) = 4.8 STATIONS USED = 78, STAND DEV = 2.91 SEC								DEPTH = 32 KM +/- 0.11 KM mb(NEIS) = 4.9 STATIONS USED = 34, STAND DEV = 1.41 SEC							
SSE	76.0	309	EP	21 27 07.8	0.3			CN2	46.0	287	PC	23 04 13.0	- 0.6		
			ES	21 36 16.0	4.5			SNY	48.3	287	EP	23 04 32.0	0.3		
NJ2	78.2	309	EP	21 27 20.4	0.9			BJI	53.7	290	EP	23 05 12.0	- 0.4		
GZH	78.4	299	EP	21 27 22.0	1.6			XAN	62.0	290	IPC	23 06 17.0	5.9		
MDJ	78.5	324	PD	21 27 21.5	0.7			WMQ	65.4	311	P	23 06 34.0	0.5		
DL2	79.9	316	EP	21 27 29.0	0.8			GYA	69.0	286	P	23 06 57.0	1.0		
			ES	21 36 58.5	6.7			1984 9 1							
SNY	80.3	319	EP	21 27 30.4	0.2			O = 22 57 54.1 +/- 0.27 SEC							
CN2	80.3	322	IPU	21 27 31.0	0.5			LAT = 3.98 S +/- 3.32 KM							
			P _m Z			3.0	0.7	LONG = 139.03 E +/- 3.36 KM							
			ES	21 37 00.0	3.8			DEPTH = 73 KM +/- 1.72 KM							
TIA	81.5	312	EP	21 27 38.2	1.4			mb(NEIS) = 4.7							
BJI	84.1	315	PC	21 27 50.5	1.0			STATIONS USED = 16, STAND DEV = 4.53 SEC							
			(S)	21 37 30.0	- 3.5			KMI	45.6	311	EP	23 06 11.0	1.5		
GYA	85.3	299	P	21 27 56.4	0.7			XAN	47.3	325	IPC	23 06 17.0	- 5.7		
TIY	85.6	311	EP	21 27 57.7	0.9			CN2	49.1	346	EP	23 06 36.8	0.0		
XAN	86.5	307	PC	21 28 02.8	1.3			WMQ	66.2	321	P	23 08 38.0	0.9		
			S	21 37 50.0	- 7.0			1984 9 2							
KMI	88.1	297	EP	21 27 48.0	-21.1			O = 07 38 16.4 +/- 0.26 SEC							
BTO	88.5	313	EP	21 28 11.9	1.0			LAT = 5.60 N +/- 2.33 KM							
CD2	89.3	302	EP	21 28 16.0	1.3			LONG = 94.65 E +/- 1.92 KM							
			ES	21 38 14.0	- 8.6			DEPTH = 77 KM +/- 0.85 KM							
LZH	91.2	307	EP	21 28 24.0	0.7			mb(NEIS) = 4.3							
			P _m Z			1.0	0.1	STATIONS USED = 13, STAND DEV = 1.85 SEC							
1984 9 1								QZN	19.9	46	P	07 42 45.2	0.3		
O = 21 39 24.8 +/- 0.07 SEC								KMI	20.9	20	EP	07 42 55.5	0.4		
LAT = 15.95 S +/- 0.65 KM								GYA	23.7	27	P	07 43 23.2	0.8		
LONG = 176.06 W +/- 0.88 KM								CD2	26.6	17	EP	07 43 48.4	- 1.3		
DEPTH = 387 KM +/- 0.12 KM								XAN	31.2	23	PC	07 44 29.0	- 2.3		
mb(NEIS) = 5.0								BJI	39.4	26	EP	07 45 41.5	1.0		
STATIONS USED = 30, STAND DEV = 0.95 SEC								CN2	46.7	30	EP	07 46 38.0	- 1.8		
CN2	79.9	321	EP	21 50 52.5	- 1.1			1984 9 2							
BJI	84.0	314	EP	21 51 15.0	0.3			O = 18 27 22.1 +/- 0.09 SEC							
TIY	85.7	311	P	21 51 24.0	1.1			LAT = 26.60 N +/- 1.60 KM							
XAN	86.9	306	P	21 51 30.0	1.2			LONG = 129.90 E +/- 1.55 KM							
KMI	89.0	296	PD	21 51 40.5	1.8			DEPTH = 32 KM +/- 0.31 KM							
1984 9 1								M_b(CHINA) = 4.7/27, M_{sz}(NEIS) = 5.2, mb(NEIS) = 5.5							
O = 22 55 50.8 +/- 0.13 SEC								STATIONS USED = 105, STAND DEV = 1.83 SEC							
LAT = 53.61 N +/- 3.23 KM								SSE	8.9	302	PC	18 29 30.0	- 0.8		
LONG = 163.58 W +/- 1.39 KM								P _m N							
								1.2 0.06							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			P _m E			1.2	0.1				EPP	18 31 44.0	3.0		
			P _m Z			1.2	0.2				ES	18 34 38.0	-13.8		
			XS	18 31 17.0	-4.2						LN	Ms=4.7		12.5	2.4
			LN	Ms=4.8		9.0	2.0				LE			11.5	1.3
			LE			10.0	6.2	MDJ	18.0	359	PD	18 31 31.6	0.2		
QZH	10.3	263	EP	18 29 48.5	-2.7						SS	18 35 06.0	-4.6		
			ES	18 31 40.5	-6.5						LE	Ms=4.0		25.0	1.0
			LE	Ms=4.2		13.0	1.5	TIY	18.4	311	PC	18 31 37.9	0.6		
NJ2	11.1	301	PR	18 30 00.0	-1.2						P _m Z			0.7	0.2
			LE	Ms=4.8		9.0	4.0				S	18 35 05.0	-4.9		
DL2	14.2	332	P	18 30 43.0	1.3			XAN	19.5	297	IPC	18 31 48.9	-1.2		
			ES	18 33 18.0	-0.1						AP	18 32 01.4	3.5		
			LN	Ms=4.5		13.0	2.3				S	18 35 19.0	-4.6		
			LE			12.0	0.3				XS	18 35 39.0	4.2		
WHN	14.2	289	P	18 30 42.1	-1.2						SS	18 35 48.0	-2.0		
			S _m N			9.0	0.7				LN	Ms=4.8		13.0	2.7
			XS	18 33 30.1	-2.0			QZN	20.0	251	PR	18 31 55.6	1.1		
			LG ₂	18 35 07.1	-4.0						AP	18 32 09.0	6.3		
			LN	Ms=4.6		10.0	2.2				PP	18 32 17.0	3.6		
TIA	14.5	314	EP	18 30 47.3	0.1						S	18 35 29.0	-3.4		
			AP	18 30 54.2	0.0						XS	18 35 53.0	8.7		
			ES	18 33 18.0	-9.9						LN	Ms=4.5		10.0	0.7
			ESS	18 33 49.5	5.1						LE			12.5	1.0
			LN	Ms=4.8		11.0	3.3	HHC	20.8	317	EP	18 32 02.8	-0.5		
GZH	15.4	260	IPR	18 31 05.0	5.8						PP	18 32 25.0	-0.1		
			P _m Z			3.0	0.8				S	18 35 51.0	2.1		
			S	18 34 00.0	10.4						LN	Ms=4.7		12.0	2.0
			LN	Ms=4.5		10.0	1.5	GYA	20.8	274	P	18 32 03.0	-0.4		
			LE			10.0	0.8				S	18 35 42.0	-7.0		
SNY	16.1	342	IPU	18 31 08.2	1.0						LN	Ms=5.1		17.0	2.5
			P _m Z			2.0	1.2				LE			17.0	4.5
			AP	18 31 19.0	4.6			BTO	21.6	315	P	18 32 11.0	-0.5		
			ES	18 34 07.5	3.4						XS	18 36 20.0	2.2		
			LN	Ms=4.9		10.5	3.4				LN	Ms=5.1		11.0	3.9
CN2	17.5	349	PC	18 31 26.4	0.5						LE			11.0	1.2
			P _m Z			3.0	0.5	CD2	23.3	286	EP	18 32 27.2	-1.1		
			AP	18 31 37.7	4.4						P _m Z			0.7	0.09
			XP	18 31 47.0	9.1						ES	18 36 34.0	-1.0		
			ES	18 34 36.0	-12.7						LN	Ms=5.1		10.0	3.6
			XS	18 34 54.0	-6.4			LZH	24.1	299	EP	18 32 37.0	0.6		
			PCP	18 36 05.6	0.1						P _m Z			2.0	0.3
			LE	Ms=4.7		12.0	2.3				ES	18 36 54.0	4.4		
BJI	17.6	322	EP	18 31 28.0	1.2						S _m E			7.0	1.8
			P _m N			3.0	0.7				LN	Ms=4.7		13.0	1.8
			P _m E			3.0	1.0	KMI	24.5	272	IPU	18 32 41.0	1.1		
			P _m Z			3.0	1.2				XF	18 33 02.0	9.6		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			S	18 37 00.0	4.3			NJ2	19.7	279	IPC	08 21 53.0	0.9		
			LE		Ms=4.9	11.0	2.2				XP	08 22 05.0	0.9		
WMQ	38.1	307	P	18 34 39.5	-0.4			TIA	21.3	291	EP	08 22 09.0	0.1		
											LN		Ms=4.2	13.0	0.7
1984 9 2								BJI	22.8	300	EP	08 22 24.0	0.2		
O=23 28 47.2			+/-	0.10 SEC							(S)	08 26 27.0	-0.1		
LAT=32.38 N			+/-	1.47 KM							LE		Ms=4.1	12.0	0.4
LONG=130.00 E			+/-	0.94 KM				WHN	23.7	276	EP	08 22 34.0	1.7		
DEPTH=13 KM			+/-	0.87 KM				TIY	25.3	293	EP	08 22 47.2	-0.1		
Ms(CHINA)=3.8/2											(S)	08 27 17.0	8.1		
STATIONS USED=7, STAND DEV=2.16 SEC											LN		Ms=4.3	16.0	0.8
SSE	7.6	262	EPN	23 30 44.5	3.7			HHC	26.5	300	EP	08 22 58.4	-0.1		
			LN			1.5	0.2	BTO	27.6	299	EP	08 23 08.3	-0.3		
NJ2	9.4	271	EP	23 31 07.0	0.7			XAN	28.0	285	EP	08 23 09.8	-2.6		
			ES	23 32 38.0	-15.7			GYA	31.2	270	P	08 23 42.6	1.5		
			LN		Ms=3.9	10.0	0.7	CD2	32.7	280	(P)	08 23 52.2	-1.8		
1984 9 3								KMI	35.0	270	EP	08 24 19.5	5.6		
O=02 52 18.8			+/-	0.12 SEC				WMQ	44.3	302	IPD	08 25 32.6	1.4		
LAT=22.78 S			+/-	1.98 KM											
LONG=171.82 E			+/-	2.23 KM				1984 9 3							
DEPTH=32 KM			+/-	0.09 KM				O=11 40 21.8			+/-	0.18 SEC			
mb(NEIS)=4.9								LAT=4.06 N			+/-	2.22 KM			
STATIONS USED=15, STAND DEV=2.55 SEC								LONG=128.27 E			+/-	2.32 KM			
TIA	78.2	317	EP	03 04 15.5	-1.9			DEPTH=67 KM			+/-	1.39 KM			
CN2	78.7	327	EP	03 04 25.6	5.2			mb(NEIS)=4.9							
KMI	82.2	301	EP	03 04 37.0	-2.0			STATIONS USED=43, STAND DEV=1.97 SEC							
XAN	82.3	311	EP	03 04 37.8	-1.5			QZH	22.8	336	EP	11 45 19.5	0.1		
1984 9 3								QZN	23.4	311	EP	11 45 25.4	0.1		
O=08 17 21.7			+/-	0.10 SEC							ES	11 49 24.0	-5.8		
LAT=30.87 N			+/-	1.69 KM				GZH	23.8	323	P	11 45 29.0	-0.5		
LONG=141.95 E			+/-	1.87 KM							XS	11 50 16.0	12.6		
DEPTH=29 KM			+/-	0.30 KM				WHN	29.4	335	EP	11 46 21.4	-0.3		
Ms(CHINA)=4.2/9, mb(NEIS)=4.9											AP	11 46 29.0	-8.4		
STATIONS USED=60, STAND DEV=1.63 SEC								GYA	30.4	319	P	11 46 31.6	1.3		
MDJ	16.6	328	PD	08 21 16.4	-0.5			KMI	32.3	312	EP	11 46 44.0	-2.8		
SSE	17.8	276	P	08 21 30.0	0.8			XAN	34.8	331	EP	11 47 07.6	-1.3		
			ESS	08 25 08.0	1.5			DL2	35.2	350	EP	11 47 20.0	8.1		
			LE		Ms=4.0	16.0	0.7	TIY	36.5	338	EP	11 47 22.4	-0.5		
SNY	18.4	311	IPC	08 21 36.8	0.7			BJI	37.5	344	EP	11 47 29.0	-1.8		
CN2	18.4	319	P	08 21 35.4	-0.8			SNY	37.8	354	EP	11 47 34.4	0.3		
			ES	08 24 53.0	-15.7			LZH	39.0	327	PC	11 47 44.5	0.4		
			LN		Ms=4.3	14.0	1.1				PmZ			1.5	0.07
DL2	18.5	301	EP	08 21 36.6	-0.9			HHC	39.6	339	P	11 47 49.0	0.2		
			LN		Ms=4.4	15.0	1.4	CN2	39.7	356	EP	11 47 46.0	-3.2		
								BTO	39.9	338	EP	11 47 50.3	-1.2		
								MDJ	40.4	1	EP	11 47 55.0	-0.4		

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XAN	25.0	264	P	05 51 00.4	- 1.9			1984 9 4							
			ES	05 55 25.0	3.1			O=06 04 13.2			+/-	0.11 SEC			
								LAT=28.73 N			+/-	1.47 KM			
								LONG=103.78 E			+/-	1.26 KM			
								DEPTH=34 KM			+/-	0.13 KM			
								ML(CHINA)=3.9/9							
								STATIONS USED=15, STAND DEV=2.17 SEC							
GYA	3.4	130	P	06 05 04.6	- 1.0			QZH	5.5	274	EP	13 09 34.6	- 2.4		
			I	06 05 14.2							S	13 10 33.5	- 6.0		
			I	06 06 01.0							S _m N			ML=4.1	0.8 0.3
			S _m N			ML=3.8	1.0 0.3				S _m E				0.8 0.09
			S _m E				1.0 0.3				LE				7.0 0.3
KMI	3.7	194	PD	06 05 15.8	5.9			SSE	7.1	335	P	13 09 58.6	- 0.8		
XAN	6.9	38	EP	06 05 54.0	- 0.4						ELG ₂	13 11 59.2	-10.6		
			I	06 06 18.0							LN				1.2 0.09
			S	06 07 12.2	- 0.2						LE				1.2 0.08
			I	06 07 50.0				NJ2	8.9	326	EP	13 10 24.0	- 0.7		
			S _m N			ML=4.1	1.0 0.1				ES	13 12 01.2	- 3.6		
			S _m E				0.8 0.07				LE				9.0 0.4
WHN	9.4	76	EP	06 06 28.4	- 0.6			GZH	10.4	263	EP	13 10 45.2	- 0.1		
											S	13 12 36.0	- 5.3		
											LN				1.2 0.1
								WHN	10.8	304	EP	13 10 49.0	- 1.4		
											LG ₁	13 13 49.0	- 6.8		
											LN				6.0 1.0
								TIA	13.2	332	EP	13 11 24.3	2.3		
								DL2	14.4	350	EP	13 11 41.5	3.5		
								QZN	14.8	250	EP	13 11 47.8	4.7		
								GYA	16.3	280	EP	13 12 04.6	2.5		
								XAN	16.5	307	P	13 12 07.2	2.0		
								TIY	16.6	324	EP	13 12 10.5	4.1		
											LN				8.0 0.2
								BJI	16.9	337	EP	13 12 07.5	- 1.8		
								SNY	17.1	357	EP	13 12 14.2	1.9		
											ES	13 15 24.0	3.8		
											LE				16.0 0.5
								CN2	19.1	1	PC	13 12 35.0	- 0.9		
											ES	13 15 58.0	- 4.8		
											LE				10.0 0.3
								CD2	19.4	293	P	13 12 39.0	- 0.8		
											P _m Z				0.5 0.04
											(S)	13 16 13.0	2.5		
								KMI	19.8	275	EP	13 12 46.0	1.8		
								BTO	20.0	325	EP	13 12 45.3	- 0.8		
								MDJ	20.3	10	EP	13 12 50.0	1.2		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LZH	21.2	307	EP	13 12 57.0	- 0.9										
1984 9 4															
O=15 43 55.3 +/- 0.09 SEC															
LAT=26.26 N +/- 2.76 KM															
LONG=129.93 E +/- 2.39 KM															
DEPTH=44 KM +/- 1.43 KM															
Ms(CHINA)=3.8/3, mb(NEIS)=4.7															
STATIONS USED=17, STAND DEV=1.86 SEC															
SNY	16.4	342	EP	15 47 41.9	- 2.0										
			XP	15 47 51.8	- 7.1										
			LE			Ms=4.1	11.0	0.6							
CN2	17.9	349	EP	15 48 02.6	0.0										
			ES	15 51 19.0	-13.2										
			LE			Ms=3.8	13.0	0.3							
BJI	17.9	323	EP	15 48 02.0	- 0.9										
MDJ	18.3	359	EP	15 48 11.0	3.0										
TIY	18.7	311	EP	15 48 12.4	- 0.2										
			LN			Ms=3.8	13.0	0.3							
XAN	19.7	298	P	15 48 21.6	- 2.7										
BTO	21.9	315	EP	15 48 45.7	- 0.6										
CD2	23.4	287	EP	15 49 03.5	1.9										
1984 9 4															
O=20 44 52.4 +/- 0.12 SEC															
LAT=16.13 S +/- 3.98 KM															
LONG=172.46 W +/- 3.79 KM															
DEPTH=22 KM +/- 1.51 KM															
Ms(CHINA)=5.0/2, Msz(NEIS)=5.2, mb(NEIS)=5.0															
STATIONS USED=36, STAND DEV=2.33 SEC															
MDJ	80.2	322	EP	20 57 06.0	2.6										
			SKS	21 07 16.0	2.5										
CN2	82.2	319	PU	20 57 14.0	- 0.2										
			PmZ				5.0	0.2							
			EAP	20 57 31.0	9.1										
			PP	21 00 21.0	- 2.6										
			ES	21 07 16.0	-11.6										
			LN			Ms=4.9	14.0	0.4							
DL2	82.3	314	EP	20 57 15.0	0.2										
			ES	21 07 30.0	1.3										
			S _m N				9.0	0.8							
			S _m E				7.0	0.6							
SNY	82.4	317	PU	20 57 16.0	0.8										
			S	21 07 38.0	8.5										
BJI	86.6	313	EP	20 57 38.0	1.7										
			EAP	20 57 48.0	3.9										
			PmZ										4.0	0.4	
			ESKS	21 08 03.0	5.3										
			ES	21 08 22.0	11.0										
			S _m N										8.5	0.8	
			S _m E										8.0	0.6	
			I	21 08 40.0											
TIY	88.4	309	EP	20 57 47.6	2.6										
			LE			Ms=5.1	10.0	0.3							
GYA	89.2	297	P	20 57 53.0	4.2										
			S	21 08 29.0	- 6.3										
			S _m E										6.0	0.8	
XAN	89.8	306	EP	20 57 53.4	1.8										
HHC	90.2	312	EP	20 57 55.1	1.6										
BTO	91.2	311	EP	20 58 02.0	3.8										
KMI	92.2	295	EP	20 58 07.0	4.3										
1984 9 5															
O=03 26 10.6 +/- 0.07 SEC															
LAT=39.89 N +/- 1.88 KM															
LONG=143.54 E +/- 1.48 KM															
DEPTH=23 KM +/- 0.82 KM															
Ms(CHINA)=4.4/13, Msz(NEIS)=5.0, mb(NEIS)=5.0															
STATIONS USED=56, STAND DEV=1.26 SEC															
MDJ	11.4	299	EP	03 28 56.0	1.2										
			AP	03 29 01.0	0.4										
			ES	03 31 00.0	- 2.3										
			LE			Ms=4.4	13.0	2.6							
CN2	14.0	292	E(P)	03 29 34.0	3.5										
SNY	15.2	283	EP	03 29 47.0	0.9										
			SS	03 32 54.0	2.2										
			LE			Ms=4.2	14.0	1.1							
DL2	17.0	273	EP	03 30 08.0	- 0.3										
			ES	03 33 14.0	- 1.3										
			LN			Ms=4.4	14.0	1.4							
SSE	20.2	251	EP	03 30 46.5	0.1										
			AP	03 30 53.0	- 0.5										
			SS	03 34 50.0	- 4.9										
			LN			Ms=4.3	12.0	0.9							
BJI	20.9	279	EP	03 30 52.5	- 2.1										
			EP	03 31 13.0											
			ES	03 34 38.2	- 4.1										
			ESS	03 35 13.0	- 0.6										
			LN			Ms=4.2	12.5	0.7							
TIA	21.1	268	P	03 30 54.2	- 1.9										
			ES	03 34 38.0	- 7.1										
			EXS	03 34 48.0	- 8.6										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LN		Ms=4.4	12.0	0.9	DL2	81.6	317	EP	08 29 28.0	- 0.3		
NJ2	21.4	256	PD	03 30 58.0	- 1.2			WHN	82.1	306	EP	08 29 31.0	0.1		
			LN		Ms=4.4	11.0	0.9	SNY	82.1	320	PD	08 29 30.4	- 0.6		
TIY	24.3	274	EP	03 31 30.5	2.9			CN2	82.2	322	IPD	08 29 31.0	- 0.7		
			S	03 35 53.5	10.8						P _m Z			4.0	0.4
			LE		Ms=4.2	16.0	0.6	TIA	83.0	312	P	08 29 35.6	0.0		
HHC	24.3	282	EP	03 31 27.3	- 0.7			BJI	85.7	315	EP	08 29 48.5	- 0.1		
WHN	25.5	257	PC	03 31 40.1	0.8			GYA	86.2	300	PD	08 29 51.6	0.5		
			AP	03 31 48.5	1.7			TIY	87.0	312	P	08 29 55.4	0.4		
			LN		Ms=5.1	27.0	8.0	XAN	87.8	307	IPD	08 29 58.8	0.2		
BTO	25.5	282	EP	03 31 40.0	0.5			KMI	88.8	297	EP	08 30 04.5	0.9		
			ES	03 36 01.5	- 2.0			CD2	90.4	303	EP	08 30 11.3	0.8		
			LN		Ms=4.4	12.0	0.5	LZH	92.4	307	EP	08 30 20.5	0.4		
			LE			12.0	0.5				P _m Z			1.5	0.05
LZH	31.3	275	P	03 32 33.0	0.9										
			P _m Z			1.5	0.09								
GYA	33.4	257	P	03 32 50.6	0.5										
CD2	33.4	267	EP	03 32 50.2	0.1										
KMI	37.1	259	EP	03 33 21.0	- 0.7										
WMQ	41.1	294	PC	03 33 56.0	1.0										
1984 9 5															
O=06 04 34.2 +/- 0.96 SEC															
LAT=23.88 N +/- 5.94 KM															
LONG=123.07E +/- 7.69 KM															
DEPTH=17 KM +/- 0.81 KM															
ML(CHINA)=3.2/5															
STATIONS USED=8, STAND DEV=2.56 SEC															
QZH	4.2	285	IPND	06 05 35.8	- 3.7			QZN	29.4	336	P	09 37 59.2	0.2		
			SN	06 06 12.6	-16.6						ES	09 42 35.0	- 2.2		
			S _m N		ML=3.2	1.7	0.07				LN			15.5	4.0
			S _m E			0.8	0.01				LE			14.0	1.0
SSE	7.4	347	EPN	06 06 24.5	0.4			GZH	32.1	345	PD	09 38 22.2	0.0		
											S	09 43 10.0	- 8.6		
											LN			16.0	1.5
								QZH	33.0	354	IPD	09 38 30.0	0.1		
											LE			16.0	2.2
											P _m Z			4.0	2.7
											S	09 43 32.0	- 0.7		
											S _m E			7.0	2.3
											XS	09 44 48.0	3.0		
								GYA	37.4	337	PD	09 39 08.0	0.8		
											AP	09 39 50.0	1.2		
											PP	09 40 48.0	9.9		
											S	09 44 39.0	- 1.2		
											S _m N			6.0	1.5
											S _m E			6.0	2.0
											XS	09 45 53.0	- 0.1		
											SCS	09 48 58.0	2.2		
QZH	76.0	303	EP	08 28 59.2	0.1			KMI	37.9	331	PR	09 39 13.5	1.8		
SSE	77.4	310	P	08 29 06.3	- 0.3						P _m Z			4.0	1.2
			P _m Z			1.0	0.04				AP	09 39 55.0	1.8		
MDJ	80.5	325	IPD	08 29 23.2	0.3										
			S	08 38 44.0	4.0										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			PP	09 40 48.0	4.0						PP	09 41 42.0	- 1.6		
			SCP	09 44 52.0	1.7						PCP	09 41 45.0	3.0		
			S	09 44 49.0	0.7						SCP	09 45 14.2	1.3		
			S _m N			8.0	2.9				S	09 46 12.0	- 0.8		
			XS	09 46 03.0	1.8						S _m N			7.0	1.7
			SS	09 47 43.0	9.9						S _m E			7.0	3.0
			SCS	09 49 02.0	3.3						XS	09 47 28.5	0.8		
SSE	39.0	359	IPR	09 39 21.0	0.7						ISCS	09 49 34.0	0.8		
			P _m N			1.6	0.3		TIA	44.3	354	P	09 40 02.5	- 1.0	
			P _m Z			5.0	2.7				P _m N			5.0	1.1
			XP	09 40 29.0	4.1						P _m Z			4.0	1.0
			PP	09 41 00.0	3.7						AP	09 40 51.0	4.8		
			PCP	09 41 34.0	7.4						EPCP	09 41 46.0	1.8		
			XS	09 46 22.0	4.5						SCP	09 45 16.0	0.5		
			SS	09 48 03.0	7.4						ES	09 46 19.0	- 2.8		
			SCS	09 49 08.0	3.0						S _m N			5.5	0.7
			LE			10.0	0.8				S _m E			7.0	0.8
WHN	39.1	349	PD	09 39 23.0	1.8						XS	09 47 27.5	- 9.5		
			P _m N			3.0	2.4				SCS	09 49 40.5	3.3		
			SCP	09 44 55.0	0.2				TIY	46.4	349	IPR	09 40 22.0	1.7	
			S	09 45 02.0	- 3.5						P _m Z			5.0	1.9
			S _m E			7.0	0.9				PP	09 42 12.5	1.3		
			IXS	09 46 24.0	4.7						S	09 46 48.5	- 3.6		
			SCS	09 49 05.5	- 0.1						S _m E			9.0	1.1
			LN			10.0	1.6				XS	09 48 08.5	0.8		
NJ2	40.0	356	IPR	09 39 30.0	1.1						SCS	09 49 52.5	1.7		
			P _m Z			4.0	3.1		DL2	46.7	359	IPR	09 40 21.5	- 1.4	
			AP	09 40 14.0	2.9						P _m N			4.0	1.1
			XP	09 40 37.0	3.3						P _m Z			5.0	1.8
			PP	09 41 10.0	2.6						AP	09 41 05.0	- 1.0		
			PCP	09 41 31.0	1.1						XP	09 41 27.0	- 1.4		
			SCP	09 44 59.0	0.6						PP	09 42 12.0	- 2.7		
			IS	09 45 20.0	0.5						PP _m Z			4.0	1.1
			S _m E			7.0	3.0				SCP	09 45 25.5	- 0.2		
			XS	09 46 40.0	6.5						S	09 46 52.5	- 4.3		
			SCS	09 49 12.0	0.9						S _m E			7.0	1.6
CD2	42.5	336	IPR	09 39 49.3	0.2						XS	09 48 13.0	0.3		
			P _m Z			1.0	0.2				ISCS	09 49 55.0	1.9		
			AP	09 40 30.0	- 1.5						LE			16.0	2.6
			PCP	09 41 41.0	3.0				LZH	47.1	340	IPD	09 40 26.2	0.4	
			IS	09 45 52.5	- 3.2						P _m Z			2.0	2.0
			XS	09 47 05.0	- 5.2						AP	09 41 09.0	0.3		
			SCS	09 49 27.0	1.1						IS	09 47 05.0	3.0		
XAN	43.6	344	IPD	09 39 58.0	- 0.5						S _m E			7.5	2.2
			P _m Z			4.0	0.9				XS	09 48 16.5	- 1.1		
			AP	09 40 39.0	- 2.1						SCS	09 49 58.0	2.7		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ'	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ'															
DL2	18.5	301	EP	23 59 21.5	- 1.5			XAN	40.0	4	EP	11 52 34.6	- 2.6																	
NJ2	19.8	279	PC	23 59 38.4	0.6						ES	11 58 39.0	1.5																	
TIA	21.3	290	EP	23 59 53.7	- 0.8						LN			9.0	2.3															
<p>1984 9 6</p> <p>O = 09 53 59.0 +/- 0.82 SEC</p> <p>LAT = 17.95 S +/- 1.86 KM</p> <p>LONG = 176.11 W +/- 1.84 KM</p> <p>DEPTH = 33 KM +/- 5.74 KM</p> <p>Msz(NEIS) = 5.1, mb(NEIS) = 5.1</p> <p>STATIONS USED = 25, STAND DEV = 4.21 SEC</p>								<p>LZH</p>								41.9	358	EP	11 52 53.0	- 0.1										
								<p>PmZ</p>											2.0	0.07										
								<p>LE</p>											11.0	0.8										
								<p>TIA</p>								43.4	13	EP	11 53 05.4	- 0.1										
								<p>ES</p>											11 59 39.0	10.6										
								<p>LN</p>													12.0	0.7								
								<p>LE</p>													12.0	0.6								
								<p>GTA</p>								45.5	354	EP	11 53 21.8	- 0.2										
								<p>IPCP</p>											11 55 00.0	0.4										
								<p>LE</p>													10.0	0.7								
								<p>BTO</p>								46.6	4	EP	11 53 30.3	- 0.4										
								<p>ES</p>											12 00 16.3	2.5										
								<p>LN</p>													10.0	1.0								
								<p>LE</p>													10.0	0.5								
								<p>HHC</p>								47.0	6	EP	11 53 34.0	0.1										
								<p>SNY</p>								50.4	17	EP	11 53 59.3	- 1.2										
								<p>ES</p>											12 01 12.0	4.3										
								<p>LE</p>													17.0	0.6								
								<p>WMQ</p>								52.1	343	P	11 54 11.0	- 2.1										
								<p>CN2</p>								52.8	18	PC	11 54 16.2	- 2.2										
								<p>PmZ</p>													2.0	0.2								
								<p>ES</p>											12 01 40.0	- 0.2										
								<p>LE</p>													13.0	0.5								
								<p>MDJ</p>								54.9	21	EP	11 54 31.5	- 2.4										
								<p>1984 9 6</p> <p>O = 21 55 40.7 +/- 0.14 SEC</p> <p>LAT = 16.91 S +/- 2.10 KM</p> <p>LONG = 174.57 E +/- 1.69 KM</p> <p>DEPTH = 32 KM +/- 0.51 KM</p> <p>M_s(CHINA) = 5.2/17, Msz(NEIS) = 5.5, mb(NEIS) = 5.5</p> <p>STATIONS USED = 67, STAND DEV = 1.76 SEC</p>								<p>QZH</p>								68.6	306	EP	22 06 44.0	1.0		
								<p>S</p>											22 15 44.0	1.7										
								<p>XS</p>											22 15 54.0	- 4.1										
								<p>LN</p>													M _s = 5.2	18.0	1.3							
								<p>SSE</p>								70.0	312	EP	22 06 52.0	0.0										
								<p>S</p>											22 16 04.0	4.4										
								<p>XS</p>											22 16 21.0	5.8										
								<p>LN</p>													M _s = 5.2	19.0	1.4							
								<p>NJ2</p>								72.2	312	EP	22 07 04.0	- 1.1										
								<p>ES</p>											22 16 25.0	0.1										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LN		Ms=5.2	19.0	0.8				EPP	22 11 23.0	6.7		
			LE			18.0	0.8				S	22 18 25.5	4.9		
MDJ	73.7	328	EP	22 07 15.5	1.9						LE		Ms=5.4	24.0	2.0
DL2	74.4	319	EP	22 07 20.0	2.3			LZH	85.0	309	EP	22 08 15.5	0.1		
			ES	22 16 55.0	5.8			GTA	89.3	311	P	22 08 36.0	0.0		
			LN		Ms=4.9	12.0	0.3				ES	22 19 09.5	-12.5		
WHN	74.7	309	EP	22 07 24.5	5.0						LE		Ms=5.0	17.0	0.5
			ES	22 17 02.0	9.3			WMQ	99.3	312	EP	22 09 21.0	-0.7		
			LN		Ms=5.2	22.0	1.4								
SNY	75.0	323	IPC	22 07 24.0	2.5			1984 9 6							
			PP	22 10 18.0	7.1			O=22 10 08.4			+/-	0.12 SEC			
			S	22 17 00.0	3.5			LAT=13.41 N			+/-	1.71 KM			
			XS	22 17 20.0	7.8			LONG=121.04 E			+/-	1.85 KM			
			SCS	22 17 32.0	5.1			DEPTH=20 KM			+/-	0.40 KM			
			SS	22 21 58.0	11.9			mb(NEIS)=4.8							
			LN		Ms=5.2	22.0	1.1	STATIONS USED=18, STAND DEV=1.79 SEC							
			LE			22.0	0.9	NJ2	18.7	354	EP	22 14 29.0	1.3		
CN2	75.3	325	PC	22 07 21.0	-1.9			XAN	23.3	333	EP	22 15 13.4	-3.0		
			PmZ			4.0	0.4	CD2	23.6	320	EP	22 15 19.0	-0.3		
			EAP	22 07 32.0	-0.3			BJI	26.9	351	EP	22 15 48.0	-2.2		
			EPP	22 10 10.0	-2.9			SNY	28.4	3	EP	22 16 05.0	0.9		
			PPmZ			5.0	0.3	GTA	32.0	328	P	22 16 34.5	-1.4		
			ES	22 16 56.0	-3.2			1984 9 6							
			EXS	22 17 12.0	-2.8			O=22 21 04.5			+/-	0.08 SEC			
			ESS	22 21 50.0	0.1			LAT=26.19 N			+/-	2.76 KM			
			LN		Ms=5.0	14.0	0.5	LONG=54.45 E			+/-	1.69 KM			
TIA	75.7	315	EP	22 07 26.6	1.1			DEPTH=32 KM			+/-	0.77 KM			
			S	22 17 08.0	3.8			Msz(NEIS)=4.7, mb(NEIS)=4.8							
			LN		Ms=5.3	40.0	1.7	STATIONS USED=33, STAND DEV=1.80 SEC							
			LE			40.0	2.7	WMQ	32.1	48	P	22 27 32.7	1.0		
GYA	78.8	302	P	22 07 47.6	4.9			GTA	39.9	59	P	22 28 29.6	-8.5		
TIY	79.7	314	P	22 07 52.0	4.3			CD2	43.3	71	EP	22 29 06.4	0.9		
			PmZ			5.0	0.6	XAN	47.3	66	EP	22 29 37.4	0.0		
			S	22 17 54.0	6.8			WHN	52.4	70	P	22 30 17.2	1.1		
			SKS	22 18 04.0	8.1			TIA	53.7	63	EP	22 30 26.0	-0.3		
			LN		Ms=4.9	14.0	0.4	NJ2	55.8	67	EP	22 30 42.0	0.3		
XAN	80.4	309	EP	22 07 50.0	-1.4			CN2	59.0	52	EP	22 31 02.6	-1.7		
			PP	22 10 52.0	-3.2			1984 9 7							
			ES	22 17 57.5	3.1			O=00 44 41.3			+/-	0.08 SEC			
KMI	81.5	299	PD	22 07 57.0	0.2			LAT=43.41 N			+/-	1.36 KM			
			AP	22 08 07.5	1.2			LONG=20.97 E			+/-	0.95 KM			
			XP	22 08 12.0	1.8										
			ES	22 18 12.0	6.3										
			LE		Ms=5.3	26.0	1.9								
BTO	82.8	316	EP	22 08 05.3	1.5										
CD2	83.0	305	EP	22 08 05.0	0.3										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ							
DEPTH = 12 KM +/- 0.16 KM M_s(NEIS) = 4.7, m_b(NEIS) = 5.1, STATIONS USED = 53, STAND DEV = 1.10 SEC								S_mN ML = 3.4 0.5 0.5 S_mE 0.3 0.2														
WMQ	47.1	65	P	00 53 16.0	0.5			GZH	3.9	267	EPG	08 52 57.4	3.2									
GTA	57.2	64	P	00 54 31.2	0.0						SG	08 53 46.6	- 1.2									
LZH	61.7	65	EP	00 55 02.0	- 0.2						S _m N		ML = 3.7	0.8	0.2							
BTO	63.1	58	EP	00 55 11.1	- 0.4						S _m E			0.6	0.1							
CD2	64.6	70	EP	00 55 21.4	- 0.3			1984 9 7 O = 11 10 18.1 +/- 0.15 SEC LAT = 28.23 N +/- 3.25 KM LONG = 55.14 E +/- 1.33 KM DEPTH = 32 KM +/- 0.11 KM m_b(NEIS) = 4.6 STATIONS USED = 30, STAND DEV = 1.24 SEC														
			ES	01 03 52.0	- 8.3			WMQ	30.3	50	P	11 16 30.0	0.5									
XAN	66.2	65	EP	00 55 31.0	- 1.0			GTA	38.4	61	IPC	11 17 39.6	0.8									
KMI	67.4	76	EP	00 55 39.0	- 0.9			LZH	41.6	66	EP	11 18 05.5	0.0									
GYA	69.4	72	P	00 55 54.0	2.2						P _m Z			1.5	0.05							
CN2	70.1	48	EP	00 55 54.2	- 2.0			KMI	42.4	82	EP	11 18 12.5	0.2									
WHN	72.0	64	EP	00 56 08.2	0.6			XAN	46.0	68	EP	11 18 39.2	- 1.3									
NJ2	73.9	61	EP	00 56 18.0	- 1.0			BTO	46.2	59	EP	11 18 43.5	0.7									
1984 9 7 O = 07 30 43.1 +/- 0.11 SEC LAT = 6.01 S +/- 2.58 KM LONG = 104.80 E +/- 2.78 KM DEPTH = 115 KM +/- 1.66 KM m_b(NEIS) = 5.2 STATIONS USED = 40, STAND DEV = 2.15 SEC								TIY								48.3	63	EP	11 19 02.2	3.0		
GYA	32.3	3	P	07 37 06.6	2.8			TIA	52.3	64	EP	11 19 28.2	- 0.8									
			PCP	07 39 50.0	1.5			NJ2	54.5	69	EP	11 19 44.2	- 1.5									
CD2	36.7	358	P	07 37 41.4	0.1			CN2	57.3	54	PC	11 20 04.0	- 1.9									
XAN	40.0	5	EP	07 38 08.6	- 0.1			1984 9 7 O = 14 47 18.2 +/- 0.07 SEC LAT = 12.01 N +/- 0.88 KM LONG = 142.15 E +/- 1.01 KM DEPTH = 53 KM +/- 0.37 KM m_b(NEIS) = 4.9 STATIONS USED = 34, STAND DEV = 0.90 SEC														
TIA	43.6	14	EP	07 38 36.6	- 1.0			CN2	34.8	338	EP	14 54 05.0	- 1.3									
GTA	45.4	354	P	07 38 53.6	1.0			GYA	36.3	298	P	14 54 20.2	0.9									
			PCP	07 40 32.4	2.8			TIY	36.9	319	EP	14 54 24.5	0.5									
			ESS	07 48 45.0	3.4			XAN	37.4	311	EP	14 54 27.5	- 0.5									
WMQ	52.0	344	P	07 39 43.0	0.0			BTO	40.1	321	EP	14 54 51.0	0.2									
CN2	53.0	18	PC	07 39 49.4	- 1.1			CD2	40.1	304	EP	14 54 50.8	- 0.1									
1984 9 7 O = 08 51 45.0 LAT = 23.30 N LONG = 117.60 E DEPTH = 0 KM ML (CHINA) = 3.5/4								LZH								42.0	311	EP	14 55 07.0	0.4		
QZH	1.9	28	EPN	08 52 19.3	0.7			GTA	46.3	313	P	14 55 41.3	0.2									
			PG	08 52 22.4	3.3						I PCP	14 57 16.0	0.9									
			SN	08 52 41.2	- 2.0			WMQ	56.3	314	EP	14 56 56.1	- 0.7									
			ISG	08 52 46.7	3.1			1984 9 7 O = 15 15 26.9 +/- 0.22 SEC														



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LN			1.4	0.1								
			LE			0.8	0.03								
LZH	15.5	118	EP	21 15 05.0	4.3										
CD2	19.0	128	EP	21 15 44.0	- 0.5										
XAN	20.0	113	EP	21 15 54.0	- 1.9										
TIY	20.5	99	EP	21 16 00.0	- 1.0										
			LE		Ms=4.0	10.0	0.3								
BJI	22.2	90	EP	21 16 19.5	1.0										
GYA	24.0	131	P	21 16 36.6	0.5										
WHN	25.8	112	EP	21 16 53.0	0.3										
CN2	27.7	77	E(P)	21 17 14.3	3.6										
1984 9 7															
O = 22 23 06.5 +/- 0.13 SEC															
LAT = 30.35 N +/- 1.76 KM															
LONG = 91.08 E +/- 1.32 KM															
DEPTH = 89 KM +/- 0.18 KM															
mb(NEIS) = 3.9, ML(CHINA) = 4.1/3															
STATIONS USED = 12, STAND DEV = 2.27 SEC															
GTA	11.5	36	P	22 25 46.4	- 3.4										
GYA	14.2	101	EP	22 26 27.6	2.1										
XAN	15.5	71	EP	22 26 39.6	- 2.4										
1984 9 8															
O = 14 44 51.2 +/- 0.56 SEC															
LAT = 22.84 N +/- 3.11 KM															
LONG = 98.70 E +/- 4.49 KM															
DEPTH = 11 KM +/- 0.80 KM															
ML(CHINA) = 4.2/5															
STATIONS USED = 5, STAND DEV = 4.25 SEC															
KMI	4.3	57	EPN	14 46 04.5	5.5										
			S _m N		ML=4.3	1.0	0.8								
			S _m E			1.0	0.3								
GYA	8.1	61	EP	14 46 46.4	- 5.4										
1984 9 8															
O = 20 22 28.6 +/- 0.17 SEC															
LAT = 37.99 N +/- 5.24 KM															
LONG = 31.06 E +/- 2.62 KM															
DEPTH = 39 KM +/- 1.09 KM															
mb(NEIS) = 4.3															
STATIONS USED = 16, STAND DEV = 2.77 SEC															
WMQ	42.5	63	EP	20 30 24.4	2.0										
GTA	52.5	65	P	20 31 42.0	1.6										
XAN	61.4	67	EP	20 32 43.6	0.0										
CN2	67.7	51	E(P)	20 33 16.0	- 8.9										
1984 9 8															
O = 20 24 19.9 +/- 0.04 SEC															
LAT = 27.28 S +/- 0.93 KM															
LONG = 66.63 E +/- 1.20 KM															
DEPTH = 10 KM +/- 0.06 KM															
mb(NEIS) = 5.1															
STATIONS USED = 16, STAND DEV = 0.59 SEC															
GYA	65.9	39	P	20 35 09.0	0.4										
CD2	67.9	34	EP	20 35 20.4	- 0.2										
LZH	72.1	30	EP	20 35 48.0	0.5										
XAN	73.0	35	EP	20 35 51.8	- 0.6										
GTA	73.2	26	P	20 35 53.6	- 0.2										
WMQ	73.3	15	EP	20 35 53.6	- 0.9										
1984 9 9															
O = 02 59 04.6 +/- 0.09 SEC															
LAT = 49.48 N +/- 2.29 KM															
LONG = 77.54 E +/- 4.10 KM															
DEPTH = 4 KM +/- 1.62 KM															
mb(NEIS) = 5.0, ML(CHINA) = 4.8/3															
STATIONS USED = 14, STAND DEV = 1.10 SEC															
WMQ	9.0	125	EP	03 01 18.8	0.4										
			S	03 03 27.4	26.0										
			S _m N		ML=4.8	0.8	0.2								
			S _m E			1.0	0.2								
GTA	18.8	114	P	03 03 26.8	- 0.3										
			LG	03 09 15.0											
			LN			1.2	0.01								
			LE			2.2	0.01								
CD2	27.1	123	EP	03 04 52.3	1.6										
XAN	27.8	111	EP	03 04 57.0	- 0.1										
GYA	32.1	124	P	03 05 37.0	1.0										
WHN	33.5	110	EP	03 05 47.5	- 0.2										
NJ2	35.3	103	EP	03 06 02.5	- 0.5										
SSE	37.4	102	PD	03 06 20.5	- 0.3										
1984 9 9															
O = 03 42 34.2 +/- 0.00 SEC															
LAT = 24.78 N +/- 0.06 KM															
LONG = 123.56 E +/- 0.11 KM															
DEPTH = 119 KM +/- 0.10 KM															
mb(NEIS) = 4.1															
STATIONS USED = 4, STAND DEV = 0.05 SEC															
SSE	6.6	342	P	03 44 10.5	0.0										
CD2	18.5	294	EP	03 46 44.2	0.0										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
1984 9 9																	
O = 05 20 02.8			+/-	0.09 SEC				SG			09 32 24.8	- 6.1					
LAT = 27.92 N			+/-	1.79 KM				S _m N			ML = 4.1		0.7	0.9			
LONG = 130.34 E			+/-	4.37 KM				S _m E					0.7	0.9			
DEPTH = 33 KM			+/-	2.53 KM				BJ1			4.1	279	09 32 06.0	- 1.0			
mb(NEIS) = 4.6									PG			09 32 26.0	9.5				
STATIONS USED = 5, STAND DEV = 1.31 SEC																	
BJ1	16.8	319	EP	05 23 59.0	1.3			ESN			09 33 02.0	5.9					
XAN	19.3	293	EP	05 24 26.8	- 1.7			ESG			09 33 19.5	9.4					
GYA	21.1	271	EP	05 24 49.2	1.9			S _m N			ML = 4.1		0.5	0.4			
CD2	23.3	283	EP	05 25 08.8	- 0.5			S _m E					0.5	0.2			
GTA	27.7	302	EP	05 25 50.4	- 0.6			TIA			4.7	227	09 32 12.2	- 4.0			
1984 9 9																	
O = 08 38 05.7			+/-	0.15 SEC				EPN			09 32 12.2	- 4.0					
LAT = 43.57 S			+/-	2.67 KM				SG			09 33 31.8	1.4					
LONG = 91.72 E			+/-	3.10 KM				S _m N			ML = 3.6		0.5	0.09			
DEPTH = 9 KM			+/-	0.24 KM				S _m E					0.5	0.06			
Ms(CHINA) = 5.1/2, Msz(NEIS) = 5.3, mb(NEIS) = 5.2									CN2			5.2	33	09 32 32.6	- 1.9		
STATIONS USED = 13, STAND DEV = 1.93 SEC																	
QZN	64.5	19	EP	08 48 49.0	3.5			ESB			09 33 33.0						
			PP	08 51 10.0	1.7			S _m N			ML = 4.4		1.0	0.4			
			ES	08 57 22.0	- 1.5			S _m E					1.0	0.4			
			XS	08 57 35.0	2.4			NJ2			7.7	196	09 32 54.0	- 4.3			
GYA	71.0	14	P	08 49 29.0	2.2			LE					1.0	0.04			
CD2	74.9	10	(P)	08 49 47.4	- 2.3			MDJ			7.9	47	09 33 28.6	6.6			
			S	08 59 18.0	- 8.7			EPG			09 33 28.6	6.6					
			LN	Ms = 5.3		26.0	1.8	SG			09 35 00.2	- 10.2					
XAN	78.8	14	EP	08 50 10.2	- 1.3			S _m E			ML = 4.4		0.6	0.1			
GTA	82.9	6	P	08 50 33.7	0.4			1984 9 9									
			ES	09 00 57.0	5.3			O = 13 06 30.5			+/-	0.07 SEC					
WMQ	87.1	357	EP	08 50 52.0	- 2.0			LAT = 37.14 N			+/-	3.65 KM					
			LN	Ms = 4.9		17.0	0.4	LONG = 24.55 W			+/-	1.52 KM					
STATIONS USED = 49, STAND DEV = 1.51 SEC																	
			EP	Ms = 5.1		26.0	1.8	DEPTH = 3 KM			+/-	0.87 KM					
			ES	Ms = 5.1		17.0	0.7	Ms(CHINA) = 5.1/3, Msz(NEIS) = 4.7, mb(NEIS) = 5.3									
			LN	Ms = 5.1		15.0	0.5	STATIONS USED = 49, STAND DEV = 1.51 SEC									
			EP	Ms = 5.1		15.0	0.5	WMQ			78.7	43	13 18 37.5	0.8			
			EP	Ms = 5.1		15.0	0.5	GTA			88.2	39	13 19 25.8	0.3			
			EP	Ms = 5.1		15.0	0.5	ES			13 30 04.0	- 5.9					
			EP	Ms = 5.1		15.0	0.5	LN			Ms = 5.1		17.0	0.7			
			EP	Ms = 5.1		15.0	0.5	BTO			92.1	32	13 19 44.0	0.3			
			EP	Ms = 5.1		15.0	0.5	LZH			92.8	39	13 19 47.0	0.1			
			EP	Ms = 5.1		15.0	0.5	P _m Z					2.0	0.06			
			P	Ms = 5.1		15.0	0.5	CN2			95.0	21	13 19 54.4	- 2.1			
			ES	Ms = 5.1		15.0	0.5	ES			13 31 01.0	- 8.2					
			LN	Ms = 5.1		15.0	0.5	LN			Ms = 5.1		15.0	0.5			
			EP	Ms = 5.1		15.0	0.5	NJ2			103.1	31	13 20 31.5	- 1.9			
1984 9 9																	
O = 15 22 19.7			+/-	0.12 SEC				1984 9 9									
LAT = 32.40 N			+/-	1.07 KM				O = 15 22 19.7			+/-	0.12 SEC					
LONG = 121.54 E			+/-	1.12 KM				LAT = 32.40 N			+/-	1.07 KM					
			+/-	1.12 KM				LONG = 121.54 E			+/-	1.12 KM					

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
DEPTH=21 KM +/- 1.76 KM ML(CHINA)=3.2/7 STATIONS USED=8, STAND DEV=2.54 SEC															
SSE	1.3	192	PND	15 22 45.1	1.7			HHC	83.2	319	EP	03 26 38.0	0.2		
			SG	15 23 05.0	3.0						LN		Ms=6.3	15.0	6.4
			S _m N		ML=3.2	0.5	0.2				LE			14.0	6.4
			S _m E			0.5	0.6				S _m E			15.0	3.3
NJ2	2.3	261	PGC	15 23 00.8	0.3						LN		Ms=6.2	15.0	5.2
			SG	15 23 32.0	-0.1						LE			12.0	4.4
			S _m N		ML=3.6	0.5	0.3	TIA	83.7	313	PC	03 26 39.6	-0.6		
			S _m E			0.5	0.4				P _m Z			7.0	2.0
TIA	5.3	317	EPG	15 23 57.0	4.2						PP	03 29 58.5	4.6		
			ESG	15 25 10.6	5.7						S	03 37 04.0	1.7		
			S _m N		ML=3.0	0.6	0.02				S _m N			14.5	6.9
			S _m E			0.6	0.01				SS	03 42 44.0	13.9		
1984 9 10 O=03 14 08.9 +/- 0.12 SEC LAT=40.46 N +/- 2.51 KM LONG=126.84 W +/- 1.69 KM DEPTH=11 KM +/- 0.63 KM Ms(CHINA)=6.4/31, Msz(NEIS)=6.7 mb(NEIS)=6.1, STATIONS USED=102, STAND DEV=1.81 SEC															
MDJ	71.1	312	EP	03 25 27.8	-2.0			BTO	84.2	320	P	03 26 43.0	0.3		
			S	03 34 45.0	-0.4						PP	03 30 03.0	5.4		
			LE		Ms=6.4	23.0	23.7				SKS	03 37 02.0	0.9		
CN2	73.9	314	PC	03 25 44.6	-1.9						S	03 37 06.0	-1.1		
			P _m Z			6.5	1.4				LN		Ms=6.5	17.0	11.4
			AP	03 25 49.5							LE			17.0	10.4
			S	03 35 10.0	-7.5			SSE	85.0	307	EP	03 26 46.0	-0.6		
			S _m N			14.0	7.8				P _m Z			7.0	1.9
			SS	03 40 00.0	-2.2						PP	03 30 07.0	3.9		
			LE		Ms=6.2	16.0	10.1				S	03 37 12.0	-2.9		
SNY	76.2	313	PC	03 25 59.0	-0.9						LN		Ms=6.4	21.0	17.4
			P _m Z			10.0	2.2	TIY	85.2	316	P	03 26 47.5	0.0		
			PP	03 28 50.0	-1.8						P _m Z			8.0	2.1
			S	03 35 40.0	-3.5						S	03 37 12.5	-4.1		
			S _m N			30.0	10.4				S _m N			13.0	3.6
			S _m E			28.0	5.7				LN		Ms=6.3	15.0	10.0
			SS	03 40 40.0	1.6						LN		Ms=6.3	15.0	10.0
			LN		Ms=6.3	18.0	10.8	NJ2	85.7	309	EP	03 26 50.0	-0.2		
			LE			15.0	6.7				P _m Z			7.0	1.3
DL2	79.3	312	EP	03 26 18.5	1.5						S	03 37 16.0	-5.9		
			S	03 36 15.5	-1.2						LN		Ms=6.1	17.0	6.6
			S _m N			14.0	6.5	WHN	89.5	310	EP	03 27 07.5	-0.7		
											SKS	03 37 45.0	9.9		
											S	03 37 54.0	-3.1		
											SCS	03 38 06.5	7.6		
											LN		Ms=6.1	27.0	9.2
								XAN	89.8	316	EP	03 27 09.5	-0.4		
											SKS	03 37 45.0	7.8		
											S	03 37 56.0	-4.4		
											S _m N			12.0	7.2

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			XS	20 57 28.0	0.6			CD2	24.0	276	P	22 12 31.6	- 0.2		
			SS	20 57 38.0	- 1.8						AP	22 12 41.0	- 7.0		
GTA	44.3	307	EP	20 54 49.7	0.3						S	22 16 45.0	3.9		
WMQ	54.1	310	EP	20 56 04.5	1.0						LE			12.0	1.5
1984 9 10															
O = 22 07 22.5 +/- 0.11 SEC															
LAT = 31.48 N +/- 1.62 KM															
LONG = 131.85 E +/- 1.69 KM															
DEPTH = 72 KM +/- 0.86 KM															
mb(NEIS) = 5.0															
STATIONS USED = 45, STAND DEV = 1.87 SEC															
SSE	9.1	270	P	22 09 32.0	- 1.8						LE			12.0	1.5
NJ2	11.1	276	PD	22 10 00.0	- 0.2						LE			10.0	1.0
DL2	11.2	314	E(P)	22 10 06.0	4.5						ES	22 12 12.0	6.6		
											LN			14.0	1.7
											LE			12.0	1.0
SNY	12.3	329	PD	22 10 17.0	0.8						LN			18.0	1.7
											LE			18.0	1.7
TIA	13.1	295	PD	22 10 27.6	0.1						LG	22 14 27.0			
											LN			12.5	1.7
											LE			12.0	1.7
MDJ	13.2	352	EP	22 10 29.0	0.0										
CN2	13.3	339	EP	22 10 30.6	0.8										
			ES	22 12 54.0	- 2.6						LN			10.0	1.7
QZH	13.4	244	EP	22 10 32.5	1.7						LE			14.0	1.2
TIY	17.1	296	P	22 11 21.0	2.0										
			SS	22 15 01.0	12.7						LN			13.0	1.0
											LE			13.0	1.1
XAN	19.4	283	EP	22 11 44.6	- 1.5										
BTO	19.8	303	EP	22 11 49.0	- 1.2						EXS	22 15 42.0	- 3.4		
											LN			13.0	1.7
											LE			13.0	0.7
GYA	22.6	263	EP	22 12 18.8	0.8										
LZH	23.7	288	EP	22 12 28.0	- 0.8										
			ES	22 16 49.0	13.3										
			LE											13.0	1.3
1984 9 11															
O = 07 16 34.9 +/- 0.20 SEC															
LAT = 15.48 S +/- 2.24 KM															
LONG = 167.86 E +/- 3.41 KM															
DEPTH = 130 KM +/- 1.23 KM															
mb(NEIS) = 5.6															
STATIONS USED = 106, STAND DEV = 2.14 SEC															
								QZH	62.6	309	PU	07 26 47.0	- 1.2		
											P _m Z			3.0	1.8
											AP	07 27 18.5	- 0.6		
											XP	07 27 38.5	4.9		
											ES	07 35 00.0	- 4.6		
											S _m N			9.0	2.5
											S _m E			9.0	1.2
											PS	07 35 41.0			
											XS	07 35 58.0	- 0.2		
											SCS	07 36 31.0	7.7		
SSE	64.5	316	PU	07 26 59.5	- 0.8						P _m Z			2.0	0.2
											AP	07 27 31.0	- 0.2		
											XP	07 27 50.0	4.3		
											S	07 35 24.0	- 3.8		
											S _m N			8.0	2.0
											S _m E			8.0	0.8
											XS	07 36 22.0	- 0.7		
											LN			12.0	0.7
GZH	65.7	304	PU	07 27 08.5	0.4						P _m Z			3.0	1.4
											EAP	07 27 36.0	- 1.1		
											IS	07 35 44.0	1.7		
											S _m N			8.0	8.4
											S _m E			8.0	2.2
											SCS	07 36 44.0	- 2.7		
											SS	07 40 04.0	5.0		
QZN	66.6	299	EP	07 27 14.4	0.4										

September

STA.	Δ	AZ	PHASE	UTC	RESID	T	A	STA.	Δ	AZ	PHASE	UTC	RESID	T	A
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
			AP	07 27 44.5	- 0.6						S _m N			9.5	2.0
			XP	07 28 01.5	2.0						S _m E			7.0	0.8
			PP	07 29 39.5	- 3.9						SKS	07 37 20.0	0.4		
			S	07 35 58.5	4.9						XS	07 37 27.0	- 3.2		
			S _m N			8.0	3.2	TIA	70.3	318	PU	07 27 35.9	- 0.8		
			S _m E			8.0	2.8				AP	07 28 07.0	- 1.1		
			PS	07 36 41.0							S	07 36 36.0	- 1.2		
			XS	07 55 55.0	7.3						S _m N			9.0	1.8
NJ2	66.6	315	PC	07 27 13.0	- 1.1						XS	07 37 31.2	- 0.5		
			P _m Z			4.0	1.2				LN			18.0	2.5
			AP	07 27 44.0	- 1.2			CN2	70.6	328	IPU	07 27 38.0	- 0.6		
			S	07 35 52.0	- 1.6						P _m N			3.0	0.7
			S _m N			9.0	2.2				P _m E			3.0	0.6
			S _m E			8.0	1.2				P _m Z			3.0	2.5
			XS	07 36 44.0	- 3.8						EAP	07 28 09.0	- 0.9		
			SCS	07 36 56.0	2.1						EXP	07 28 22.5	- 1.8		
			SS	07 40 10.0	- 3.9						S	07 36 39.0	- 1.7		
WHN	68.9	311	PC	07 27 27.8	- 0.3						S _m N			9.0	1.5
			P _m Z			3.0	0.6				LN			13.0	0.8
			AP	07 28 03.0	3.6			GYA	72.6	304	PU	07 27 51.0	0.3		
			XP	07 28 18.0	4.2						AP	07 28 23.0	0.9		
			S	07 36 18.5	- 2.1						PP	07 30 34.0	- 1.2		
			S _m N			8.0	0.4				S	07 37 05.0	0.9		
			XS	07 37 16.0	1.0						S _m N			7.0	1.8
			LN			13.0	0.7				S _m E			7.0	1.8
MDJ	69.2	331	IPC	07 27 30.5	0.3			BJI	73.2	321	PU	07 27 54.5	0.4		
			PCP	07 27 52.0	- 0.4						P _m N			3.5	0.4
			AP	07 28 01.5	0.0						P _m E			3.5	0.8
			XP	07 28 15.0	- 0.9						P _m Z			3.5	1.6
			S	07 36 26.0	1.3						EAP	07 28 26.0	0.3		
			S _m N			10.0	3.2				S	07 37 11.5	0.9		
			XS	07 37 22.0	2.9						S _m N			8.5	2.1
			LE			30.0	2.9				S _m E			8.0	0.9
DL2	69.2	322	IPU	07 27 29.0	- 1.4						SCS	07 37 53.5	7.6		
			P _m N			4.0	0.6				LN			16.5	1.3
			P _m E			4.0	0.6				LE			16.0	1.1
			P _m Z			5.0	1.4	TIY	74.2	317	IPU	07 28 00.5	0.5		
			AP	07 28 01.0	- 0.7						P _m Z			4.0	2.0
			S	07 36 20.0	- 5.0						PCP	07 28 14.0	0.5		
			S _m N			10.0	2.0				IS	07 37 24.5	2.7		
			S _m E			8.0	1.9				S _m N			8.0	2.2
			LN			18.0	1.8				S _m E			8.0	1.0
SNY	70.1	326	IPU	07 27 35.4	- 0.5						XS	07 38 16.0	- 0.8		
			P _m Z			4.0	1.3				SCS	07 37 58.5	4.7		
			AP	07 28 04.5	- 2.8						SS	07 42 12.5	1.9		
			S	07 36 34.0	- 1.6						LN			19.0	1.6

September



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LN		Ms=3.4	10.0	0.3
NJ2	7.7	338	EP	12 14 13.4	- 2.5		
			ES	12 15 37.0	- 5.6		
			LN		Ms=3.7	8.0	0.5
CN2	19.0	7	EP	12 16 46.0	0.7		
MDJ	20.5	15	EP	12 17 00.5	- 1.3		
1984 9 12							
O=17 29 27.6 +/- 0.23 SEC							
LAT=20.72 S +/- 3.58 KM							
LONG=169.51 E +/- 2.03 KM							
DEPTH=37 KM +/- 2.86 KM							
mb(NEIS)=4.7							
STATIONS USED=23, STAND DEV=3.22 SEC							
MDJ	74.5	331	EP	17 41 04.0	- 1.1		
TIA	75.2	318	EP	17 41 08.0	- 1.0		
CN2	75.8	328	PC	17 41 11.2	- 1.4		
GYA	76.9	305	P	17 41 33.4	14.8		
BJI	78.2	321	EP	17 41 25.0	- 1.0		
KMI	79.3	302	EP	17 41 32.0	0.1		
XAN	79.3	312	EP	17 41 30.8	- 1.0		
CD2	81.3	307	EP	17 41 41.7	- 1.0		
HHC	81.5	319	PD	17 41 43.4	- 0.3		
GTA	88.3	313	EP	17 42 17.5	- 0.1		
1984 9 12							
O=18 00 41.7 +/- 0.17 SEC							
LAT=27.32 N +/- 1.75 KM							
LONG=80.77 E +/- 1.13 KM							
DEPTH=35 KM +/- 0.51 KM							
mb(NEIS)=4.9							
STATIONS USED=27, STAND DEV=1.06 SEC							
WMQ	27.2	45	P	18 06 25.2	0.3		
GTA	34.5	59	IPD	18 07 30.6	1.3		
LZH	37.4	65	EP	18 07 55.0	1.0		
CD2	37.6	74	EP	18 07 54.8	- 0.2		
KMI	37.6	83	EP	18 07 55.0	- 0.4		
GYA	40.8	80	P	18 08 20.6	- 1.1		
XAN	41.6	68	PD	18 08 29.2	0.3		
BTO	42.4	58	EP	18 08 37.0	1.7		
FLA	48.1	64	EP	18 09 21.0	0.1		
NJ2	50.2	69	PC	18 09 36.8	0.4		
CN2	53.8	54	EP	18 10 02.0	- 1.8		
1984 9 12							
O=19 17 31.7 +/- 0.66 SEC							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LAT=15.63 S +/- 7.50 KM							
LONG=71.90 W +/- 1.92 KM							
DEPTH=131 KM +/- 5.98 KM							
mb(NEIS)=5.1							
STATIONS USED=46, STAND DEV=4.46 SEC							
MDJ	145.9	332	EPKP	19 37 16.0	0.2		
WMQ	147.0	27	PKP	19 37 19.3	1.4		
CN2	148.3	335	EPKP	19 37 19.6	- 0.3		
SNY	150.7	335	EPKP	19 37 29.8	6.2		
DL2	153.9	335	EPKP	19 37 31.0	3.3		
BJI	154.7	345	EPKP	19 37 30.0	-14.0		
HHC	154.7	353	PKP	19 37 31.9	-12.1		
GTA	155.2	15	IPKP	19 37 32.0	- 6.9		
TIA	158.0	340	EPKP	19 37 35.0	1.3		
LZH	159.3	9	EPKP	19 37 37.5	2.1		
SSE	160.5	324	EPKP	19 37 38.5	2.0		
XAN	161.7	357	PKPD	19 37 39.7	1.9		
WHN	164.1	339	EPKP	19 37 42.4	2.3		
CD2	164.3	13	EPKP	19 37 42.6	2.2		
GYA	169.1	6	PKP	19 37 46.0	1.9		
KMI	169.3	27	EPKP	19 37 46.0	1.7		
QZN	176.2	334	EPKP	19 37 44.0	- 3.0		
1984 9 12							
O=21 27 41.6 +/- 0.26 SEC							
LAT=30.97 N +/- 1.81 KM							
LONG=142.27 E +/- 3.55 KM							
DEPTH=49 KM +/- 0.60 KM							
Ms(CHINA)=3.8/4, mb(NEIS)=4.7							
STATIONS USED=27, STAND DEV=1.83 SEC							
MDJ	16.9	327	EP	21 31 34.6	- 1.6		
CN2	18.5	318	PC	21 31 55.0	- 0.8		
			ES	21 35 15.0	-10.0		
			LN		Ms=4.0	14.0	0.5
SNY	18.5	310	EP	21 31 55.6	- 0.6		
			LN		Ms=3.9	16.0	0.3
			LE			16.0	0.3
NJ2	20.0	279	PC	21 32 12.0	- 1.0		
TIA	21.6	290	EP	21 32 27.8	- 1.3		
BJI	23.0	300	EP	21 32 43.0	- 0.5		
			(S)	21 36 51.0	4.1		
HHC	26.6	300	P	21 33 17.8	- 0.3		
BTO	27.7	299	EP	21 33 27.8	- 0.4		
XAN	28.2	285	EP	21 33 30.2	- 2.2		
GYA	31.5	270	P	21 34 02.4	1.1		
CD2	32.9	280	(P)	21 34 21.7	7.7		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
GTA	35.4	295	EP	21 34 34.8	- 0.9						ESKS	08 03 07.0	4.0			
WMQ	44.5	320	P	21 35 50.8	0.5						ESS	08 15 09.0	3.4			
1984 9 12																
O=21 42 26.8 +/- 0.09 SEC																
LAT=5.62 S +/- 0.65 KM																
LONG=149.64 E +/- 0.75 KM																
DEPTH=162 KM +/- 0.71 KM																
mb(NEIS) = 4.7																
STATIONS USED = 25, STAND DEV = 0.92 SEC																
QZN	46.2	302	EP	21 50 39.3	1.5						TIY	127.7	341	EPKP	07 56 00.0	0.9
NJ2	47.6	323	EP	21 50 49.4	1.1						PP	07 58 17.5	14.0			
TIA	51.6	326	PC	21 51 18.8	- 0.1						ESKS	08 03 05.0	1.4			
SNY	52.9	335	IPC	21 51 28.7	0.2						LN	Ms = 5.9	18.0	1.1		
MDJ	53.2	342	EP	21 51 31.0	0.4						LE		20.0	2.0		
CN2	53.8	338	EP	21 51 35.6	0.1						GTA	128.8	353	PKP	07 56 02.2	1.0
KMI	54.9	305	EP	21 51 44.5	1.1						SKS	08 03 09.0	3.4			
BJI	54.9	328	EP	21 51 43.0	- 0.3						LN	Ms = 5.7	16.0	1.1		
XAN	55.1	318	EP	21 51 44.3	- 0.5						SSE	129.8	328	EPKP	07 55 52.0	- 11.0
CD2	56.9	312	EP	21 51 56.8	- 1.0						EPP	07 58 13.0	- 4.3			
GTA	64.2	318	P	21 52 46.9	0.0						LN	Ms = 5.5	13.0	0.6		
1984 9 13																
O=07 36 56.3 +/- 0.23 SEC																
LAT=11.72 N +/- 5.99 KM																
LONG=86.51 W +/- 5.58 KM																
DEPTH=38 KM +/- 2.44 KM																
Ms(CHINA) = 5.7/9, mb(NEIS) = 5.0																
STATIONS USED = 46, STAND DEV = 3.17 SEC																
CN2	117.5	334	PKP	07 55 44.0	4.7						LZH	131.5	348	EPKP	07 56 08.0	1.7
SNY	120.0	334	EPKP	07 55 45.0	1.0						PP _m Z				9.0	1.5
			PP	07 57 03.0	- 8.2						XAN	132.2	342	EPKP	07 56 07.8	0.2
			SKS	08 02 48.0	- 1.1						PP	07 59 36.0	63.4			
			LN	Ms = 5.5		28.0	0.9				WHN	133.4	334	EPKP	07 56 09.0	- 0.9
			LE			27.0	1.3				CD2	136.5	347	PKP	07 56 17.6	2.0
BJI	124.4	338	(PKP)	07 55 55.0	2.5						GYA	139.9	341	PKP	07 56 30.6	8.6
			PP	07 57 44.0	2.2						GZ H	140.3	330	PKP	07 56 26.0	3.5
			SKS	08 03 05.0	7.6						PP	07 59 21.0	- 2.4			
			LN	Ms = 5.7		19.0	1.7				PP _m N		- 2.2	7.0	0.6	
WMQ	124.5	5	EPKP	07 55 53.0	0.2						PP _m E			6.0	0.5	
BTO	125.7	344	EP	07 55 57.0	1.8						PP _m Z			7.0	0.5	
TIA	127.4	335	EPKP	07 55 58.0	- 0.3						KMI	142.3	346	EPKP	07 56 24.0	- 2.2
			EPP	07 57 59.0	- 2.0						PP	07 59 47.5	12.3			
			PP _m Z			14.0	0.6				LN	Ms = 5.9	23.0	2.2		
			EPKS	07 59 18.5							QZ N	145.5	331	EPKP	07 56 33.9	2.5
1984 9 13																
O=08 21 57.6 +/- 0.05 SEC																
LAT=30.81 N +/- 1.09 KM																
LONG=141.87 E +/- 1.35 KM																
DEPTH=26 KM +/- 0.97 KM																
mb(NEIS) = 5.0																
STATIONS USED = 14, STAND DEV = 1.07 SEC																
MDJ	16.8	328	EP	08 25 51.5	- 1.8						APKP	07 57 15.0				
CN2	18.4	319	PC	08 26 11.5	- 0.9						PKS	08 00 21.0				
			LN											15.0	1.0	
NJ2	19.7	279	EP	08 26 26.0	- 1.8											
BJI	22.8	300	EP	08 26 59.0	- 0.9											
GTA	35.2	295	P	08 28 51.4	- 0.8											

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
WMQ	44.3	302	P	08 30 08.8	1.4			CN2	18.4	319	EP	12 37 17.4	- 0.6		
<p>1984 9 13 O=08 48 23.5 +/- 0.19 SEC LAT=18.13 N +/- 1.83 KM LONG=121.74 E +/- 2.10 KM DEPTH=32 KM +/- 1.08 KM Ms(CHINA)=4.2/1, mb(NEIS)=4.2 STATIONS USED=9, STAND DEV=2.67 SEC</p>								<p>1984 9 13 O=13 57 56.5 +/- 0.07 SEC LAT=27.50 N +/- 2.84 KM LONG=142.72 E +/- 4.78 KM DEPTH=20 KM +/- 3.24 KM Ms(CHINA)=4.1/10, mb(NEIS)=5.1 STATIONS USED=25, STAND DEV=1.25 SEC</p>							
GZH	9.3	303	EP	08 50 35.0	- 3.2			MDJ	20.1	331	EP	14 02 31.8	0.0		
QZN	11.3	276	EP	08 51 04.0	- 2.2						XS	14 06 30.0	8.9		
			ES	08 53 10.0	- 2.7						LE		Ms=4.2	15.0	0.8
KMI	19.0	294	EP	08 52 48.5	3.1			DL2	20.9	308	EP	14 02 42.0	1.0		
CD2	20.7	311	EP	08 53 06.3	2.5						ES	14 06 24.0	- 5.0		
<p>1984 9 13 O=10 09 01.1 +/- 0.09 SEC LAT=13.29 N +/- 2.66 KM LONG=121.45 E +/- 2.52 KM DEPTH=22 KM +/- 1.65 KM Ms(CHINA)=3.9/3, mb(NEIS)=4.9 STATIONS USED=25, STAND DEV=1.88 SEC</p>								<p>1984 9 13 O=12 33 03.8 +/- 0.08 SEC LAT=30.87 N +/- 1.03 KM LONG=141.98 E +/- 1.49 KM DEPTH=33 KM +/- 0.13 KM mb(NEIS)=4.6 STATIONS USED=20, STAND DEV=1.12 SEC</p>							
QZN	12.5	298	EP	10 12 03.4	2.2			SNY	21.2	317	EP	14 02 42.9	- 0.6		
			ES	10 14 21.0	- 0.3						ES	14 06 35.0	1.2		
			LN		Ms=3.9	16.0	0.7				LN		Ms=4.2	15.0	0.8
WHN	18.4	340	EP	10 13 21.0	4.3			CN2	21.4	323	PD	14 02 44.8	- 0.9		
			LE		Ms=4.1	14.0	0.8				ES	14 06 30.0	- 7.8		
NJ2	18.8	353	EP	10 13 20.5	- 1.7						LN		Ms=4.5	15.0	1.5
			LE		Ms=3.8	9.0	0.2	TIA	23.4	298	PD	14 03 04.5	- 0.5		
GYA	19.1	315	EP	10 13 25.2	- 0.1						ES	14 07 14.5	1.2		
KMI	21.2	306	EP	10 13 47.0	- 1.1						LN		Ms=4.4	16.0	1.1
TIA	23.2	351	EP	10 14 07.0	- 0.3			WHN	25.0	283	P	14 03 22.2	1.6		
XAN	23.6	333	EP	10 14 09.6	- 2.0						ES	14 03 22.0	- 1.4		
CD2	23.9	319	EP	10 14 15.0	0.0						LE		Ms=4.0	15.0	0.4
TIY	25.6	343	EP	10 14 30.4	- 0.8			XAN	29.7	291	EP	14 04 02.2	- 1.5		
BJI	27.1	351	EP	10 14 42.0	- 2.3						ES	14 08 50.0	- 7.5		
LZH	27.7	328	EP	10 14 48.5	- 1.7			GYA	32.1	276	P	14 04 24.6	- 0.5		
<p>1984 9 13 O=12 33 03.8 +/- 0.08 SEC LAT=30.87 N +/- 1.03 KM LONG=141.98 E +/- 1.49 KM DEPTH=33 KM +/- 0.13 KM mb(NEIS)=4.6 STATIONS USED=20, STAND DEV=1.12 SEC</p>								<p>1984 9 13 O=12 33 03.8 +/- 0.08 SEC LAT=30.87 N +/- 1.03 KM LONG=141.98 E +/- 1.49 KM DEPTH=33 KM +/- 0.13 KM mb(NEIS)=4.6 STATIONS USED=20, STAND DEV=1.12 SEC</p>							
MDJ	16.8	328	EP	12 37 01.0	2.3			CD2	34.1	285	P	14 04 41.6	- 0.6		
											PmZ			1.2	0.08
											S	14 10 03.0	- 3.3		
								KMI	35.8	275	EP	14 04 57.0	- 0.4		
								GTA	37.4	299	EP	14 05 09.9	- 0.7		
								WMQ	46.7	305	P	14 06 26.5	- 0.3		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE			13.0	0.9	BTO	38.1	339	EP	03 08 29.0	- 0.9		
MDJ	15.6	357	EP	01 22 49.0	4.4			CN2	38.3	358	EP	03 08 31.4	0.3		
BJI	16.1	316	EP	01 22 56.0	4.6			MDJ	39.2	3	EP	03 08 38.3	- 0.2		
TIY	17.4	304	EP	01 23 08.8	1.3			GTA	41.7	328	P	03 08 58.3	- 1.0		
XAN	19.1	290	PC	01 23 25.1	- 2.4						SCS	03 18 58.0	2.9		
HHC	19.5	312	EP	01 23 28.2	- 3.6			WMQ	51.4	324	P	03 10 14.5	- 1.2		
BTO	20.3	309	E(P)	01 23 50.0	8.8			1984 9 14							
GYA	21.3	268	P	01 23 51.0	0.4			O=03 49 44.2 +/- 0.14 SEC							
CD2	23.2	281	P	01 24 10.2	0.3			LAT=35.74 N +/- 2.31 KM							
GTA	27.3	300	P	01 24 48.4	0.1			LONG=137.61 E +/- 2.07 KM							
1984 9 14								DEPTH=13 KM +/- 0.54 KM							
O=03 01 12.9 +/- 0.16 SEC								Ms(CHINA)=4.3/13, Msz(NEIS)=3.6, mb(NEIS)=4.4							
LAT=5.37 N +/- 1.47 KM								STATIONS USED=40, STAND DEV=2.21 SEC							
LONG=126.67 E +/- 2.06 KM								MDJ	10.8	327	EP	03 52 21.3	- 0.2		
DEPTH=45 KM +/- 1.38 KM								CN2	12.3	314	PC	03 52 43.0	0.3		
mb(NEIS)=5.1															
STATIONS USED=60, STAND DEV=1.64 SEC															
QZH	21.0	339	EP	03 05 56.5	2.0						P _m E			4.0	0.3
			ES	03 09 46.0	5.4						P _m Z			4.0	0.3
			LN			12.0	0.2				ES	03 55 02.0	0.6		
QZN	21.3	311	EP	03 06 03.0	5.0			DL2	13.1	288	P	03 52 55.0	1.9		
			S	03 09 53.0	5.9						(S)	03 55 28.0	7.9		
GZH	21.8	325	P	03 06 06.0	2.9						LN		Ms=4.1	11.0	0.8
			S	03 09 57.0	0.3						LE		Ms=4.3	10.0	0.9
SSE	26.1	349	EP	03 06 45.8	1.2			SSE	14.5	256	EP	03 53 11.3	0.2		
			P _m Z			1.5	0.09				ELG ₁	03 57 17.7	- 1.2		
			ES	03 11 16.0	5.1						LG ₂	03 57 43.0	1.1		
NJ2	27.5	345	EP	03 06 58.5	0.7						LN		Ms=4.5	12.0	1.7
			ES	03 11 36.0	1.8						LE			11.0	1.0
WHN	27.6	336	EP	03 07 00.0	1.7			NJ2	16.0	262	PD	03 53 34.5	3.5		
GYA	28.4	319	P	03 07 04.0	- 1.4						ES	03 56 30.0	1.3		
TI A	31.9	345	EP	03 07 35.7	- 1.1						LN		Ms=4.3	12.0	1.1
XAN	32.9	332	EP	03 07 44.4	- 1.3			TI A	16.6	277	P	03 53 41.7	3.2		
CD2	33.3	322	EP	03 07 47.2	- 1.7						LN		Ms=4.4	12.5	1.5
			S	03 13 02.8	- 2.7						LE			12.5	0.09
DL2	33.7	352	P	03 07 53.0	0.8			BJI	17.4	290	EP	03 53 50.5	1.3		
TIY	34.7	339	E(P)	03 08 00.5	- 0.5						ES	03 57 08.0	2.3		
BJI	35.8	346	EP	03 08 10.0	- 0.1						LN		Ms=4.1	11.0	0.5
			ES	03 13 46.0	2.2						LE			11.0	0.3
			S _m E			4.5	0.3	WHN	20.1	261	P	03 54 20.0	- 1.2		
			ESCS	03 18 27.5	6.3			TIY	20.3	283	E(P)	03 54 20.8	- 1.8		
SNY	36.4	356	IPD	03 08 16.4	1.1						LN		Ms=4.1	15.0	0.7
LZH	37.1	328	EP	03 08 20.5	0.6			HHC	21.0	291	EP	03 54 27.8	- 2.9		
			P _m Z			1.5	0.07	BTO	22.2	290	E(P)	03 54 45.0	2.8		
HHC	37.8	341	PC	03 08 27.9	0.5			XAN	23.6	274	EP	03 54 53.6	2.1		
											ES	03 59 08.0	1.8		

STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			SS	22 23 20.0	- 0.5						LE			15.0	9.6
			LE ^o		Ms = 5.7	12.0	18.2	GTA	30.2	288	EP	22 20 39.8	- 1.2		
HHC	21.2	291	EP	22 19 15.5	- 0.8						PP	22 21 37.0	- 2.5		
			XP	22 19 29.0	- 0.1						S	22 25 37.0	- 0.4		
			S	22 23 02.0	- 3.6						SS	22 27 08.5	- 7.1		
			S _{mE}			7.0	3.5				LN		Ms = 5.6	13.0	4.8
			LN		Ms = 5.5	12.0	10.8				LE			15.0	8.0
BTO	22.4	290	IPR	22 19 26.0	- 1.8			KMI	31.9	260	EP	22 20 55.0	- 1.2		
			PP	22 19 57.0	2.4						AP	22 21 01.0	- 4.0		
			S	22 23 19.5	- 7.4						ES	22 26 00.0	- 4.3		
			S _{mN}			9.0	2.5				LN		Ms = 6.1	19.0	42.5
			S _{mE}			9.0	2.1	WMQ	38.9	297	P	22 21 55.5	0.3		
			LN		Ms = 5.7	12.0	14.7				PP	22 23 34.0	5.7		
			LE			11.0	5.8				S	22 27 52.0	0.8		
XAN	23.7	274	EP	22 19 40.3	- 1.1						SS	22 30 51.0	17.2		
			PP	22 20 15.0	0.7						LN		Ms = 6.1	12.0	17.4
			S	22 23 50.0	- 1.5										
			S _{mE}			13.0	4.2								
			LN		Ms = 5.6	14.0	15.8								
GZH	24.7	245	EP	22 19 52.0	1.3										
			P _{mN}			3.0	1.5								
			P _{mE}			3.0	1.8								
			P _{mZ}			3.0	3.3								
			S _{mN}			6.0	3.1								
			S _{mE}			5.0	4.8								
			XS	22 24 15.0	- 7.6			MDJ	10.7	327	EP	22 41 47.2	1.4		
			LN		Ms = 5.7	12.0	8.5	CN2	12.3	314	PR	22 42 07.6	0.6		
			LE			11.0	11.3				P _{mZ}			4.0	0.6
LZH	27.5	280	IPC	22 20 15.0	- 1.4						ES	22 44 26.0	0.9		
			P _{mZ}			1.5	0.2				LN		Ms = 4.6	11.0	2.8
			ES	22 24 50.0	- 3.5			SNY	12.5	303	PC	22 42 10.8	1.4		
			S _{mE}			16.0	6.1				(S)	22 44 25.0	- 4.4		
			LN		Ms = 5.8	16.0	18.1				LN		Ms = 4.5	24.0	3.2
			LE			12.0	4.7				LE			24.0	3.3
GYA	28.2	259	PC	22 20 21.6	- 1.1			DL2	13.0	288	P	22 42 21.0	3.6		
			AP	22 20 31.0	- 0.6			SSE	14.4	255	EP	22 42 36.3	0.7		
			S	22 25 04.0	- 0.7						LE			10.0	3.2
			XS	22 25 25.0	5.4						NJ2	22 42 56.5	1.1		
			LN		Ms = 5.9	14.0	22.8				LN		Ms = 4.9	10.0	2.4
CD2	28.8	270	P	22 20 27.6	- 0.7			TIA	16.5	277	EP	22 43 03.7	0.8		
			S	22 25 16.0	1.3						LN		Ms = 4.9	10.0	1.0
			LN		Ms = 6.0	14.0	26.7				LE			11.0	3.9
QZN	29.8	243	EP	22 20 38.4	1.4			BJI	17.4	290	EP	22 43 14.5	1.0		
			S	22 25 35.0	4.8						(S)	22 46 32.0	3.4		
			XS	22 26 02.0	16.6						LN		Ms = 4.7	12.0	1.7
			LN		Ms = 5.7	14.0	10.5				LE			10.5	1.9
								WHN	20.1	261	EP	22 43 45.0	- 0.8		

1984 9 14
O = 22 39 09.1 +/- 0.09 SEC
LAT = 35.78 N +/- 1.52 KM
LONG = 137.55 N +/- 1.44 KM
DEPTH = 12 KM +/- 0.36 KM
Ms (CHINA) = 4.8/11; mb (NEIS) = 5.0
STATIONS USED = 63, STAND DEV = 1.55 SEC

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LONG=81.70 E +/- 1.71 KM							
DEPTH=6 KM +/- 1.68 KM							
Ms(CHINA)=4.1/1, mb(NEIS)=4.6							
STATIONS USED=10, STAND DEV=0.83 SEC							
GTA	18.0	51	EP	10 19 34.8	0.3		
CD2	19.1	79	EP	10 19 48.0	-0.8		
			(S)	10 23 05.0	-14.5		
			LE			Ms=4.1	11.0 0.5
KMI	19.2	97	EP	10 19 50.5	1.1		
GYA	22.2	91	P	10 20 21.8	0.2		
CN2	37.5	55	EP	10 22 37.6	-1.4		
1984 9 15							
O=10 59 42.8 +/- 0.02 SEC							
LAT=20.45 S +/- 4.13 KM							
LONG=177.68 W +/- 4.97 KM							
DEPTH=610 KM +/- 2.82 KM							
mb(NEIS)=5.3							
STATIONS USED=34, STAND DEV=0.38 SEC							
SSE	77.9	309	PC	11 10 40.0	-0.8		
			P _m Z			1.0	0.08
GZH	80.0	299	PD	11 10 52.0	0.3		
NJ2	80.1	309	PR	11 10 52.0	-0.4		
MDJ	80.6	324	EP	11 10 55.7	0.4		
QZN	81.1	294	EP	11 10 57.4	-0.3		
DL2	81.9	316	EP	11 11 01.0	-0.7		
SNY	82.4	319	IPD	11 11 03.8	-0.2		
CN2	82.4	322	IPR	11 11 04.0	-0.4		
			P _m Z			3.0	0.3
			(S)	11 20 51.0	19.2		
WHN	82.7	306	EP	11 11 05.5	0.0		
TIA	83.5	312	PD	11 11 09.2	-0.3		
BJI	86.1	315	EP	11 11 22.0	-0.1		
GYA	86.9	299	P	11 11 26.6	0.5		
TIY	87.5	311	P	11 11 29.0	0.2		
XAN	88.3	307	PD	11 11 32.7	-0.2		
HHC	89.5	314	IPC	11 11 39.1	0.6		
KMI	89.6	296	PD	11 11 39.0	0.1		
CD2	91.0	302	EP	11 11 45.3	0.1		
LZH	93.0	307	EP	11 11 54.0	-0.3		
GTA	97.2	309	EP	11 12 12.9	-0.3		
1984 9 15							
O=17 46 31.0 +/- 0.05 SEC							
LAT=12.51 N +/- 0.97 KM							
LONG=126.25 E +/- 1.29 KM							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
DEPTH=33 KM +/- 0.32 KM							
mb(NEIS)=4.9							
STATIONS USED=19, STAND DEV=1.02 SEC							
GYA	23.1	309	P	17 51 36.6	1.8		
KMI	25.5	302	EP	17 51 58.0	-0.4		
CD2	27.7	314	EP	17 52 18.0	-0.5		
1984 9 16							
O=00 25 48.4 +/- 0.15 SEC							
LAT=4.61 N +/- 2.13 KM							
LONG=125.70 E +/- 3.15 KM							
DEPTH=181 KM +/- 0.64 KM							
mb(NEIS)=5.3							
STATIONS USED=79, STAND DEV=2.33 SEC							
QZN	21.1	314	EP	00 30 19.5	-0.4		
			XP	00 31 11.0	-4.8		
			S	00 34 06.5	7.5		
			S _m N			9.0	0.6
			S _m E			10.0	0.7
			SS	00 35 00.0	9.0		
QZH	21.3	342	EP	00 30 23.0	0.7		
			PP	00 30 56.0	0.1		
			S	00 34 06.0	2.7		
			S _m N			10.0	0.3
			S _m E			10.0	0.3
GZH	21.9	328	EP	00 30 29.0	1.1		
			S	00 34 17.0	3.6		
			S _m N			7.0	1.1
			S _m E			7.0	0.9
			XS	00 35 23.0			
SSE	26.7	351	P	00 31 12.5	-0.4		
			AP	00 31 46.0	-3.3		
			ES	00 35 36.5	3.2		
WHN	27.9	338	EP	00 31 23.5	-0.7		
NJ2	28.0	347	PD	00 31 25.2	0.0		
GYA	28.4	321	P	00 31 27.8	-0.3		
			PCP	00 34 36.6	1.0		
			SCP	00 38 00.6	2.6		
			S	00 36 01.0	0.8		
			SCS	00 41 51.5	1.6		
KMI	30.0	315	PC	00 31 43.0	-0.2		
			AP	00 32 17.0	-3.0		
			PCP	00 34 40.5	0.7		
			ES	00 36 27.0	-0.1		
			LE			12.0	0.3

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIA	32.4	346	P	00 32 02.3	- 1.5						ES	01 29 38.0	- 0.4		
			PCP	00 34 46.7	0.5						LN	Ms=4.1		10.0	1.3
			SCP	00 38 12.7	1.4			CD2	10.9	53	(P)	01 28 38.0	- 0.4		
			PCS	00 38 32.0	2.2						ES	01 30 38.0	- 1.9		
			ES	00 37 01.5	- 2.5			GYA	12.0	79	P	01 28 53.8	0.7		
XAN	33.2	334	IPC	00 32 09.0	- 1.3						S	01 31 03.0	- 3.3		
CD2	33.3	324	EP	00 32 11.2	- 0.4			GTA	15.5	18	EP	01 29 37.8	- 1.3		
			EXP	00 33 16.0	5.8			QZN	16.2	107	EP	01 29 48.2	- 0.2		
			S	00 37 16.0	- 2.2						ES	01 32 49.0	2.5		
DL2	34.3	354	EP	00 32 19.8	- 0.3			XAN	16.2	52	EP	01 29 45.6	- 3.2		
TIY	35.1	341	EP	00 32 25.7	- 1.0			TIY	20.6	46	EP	01 30 37.4	- 2.8		
BJI	36.3	347	EP	00 32 36.0	- 0.7			BTO	20.9	37	EP	01 30 41.9	- 1.6		
			PCP	00 34 58.5	1.2			HHC	21.9	38	EP	01 30 54.4	0.5		
			ES	00 38 05.0	1.3			NJ2	23.4	66	EP	01 31 14.0	6.2		
			ESCS	00 42 34.0	3.6						LN	Ms=4.0		12.0	0.3
SNY	37.1	357	IPC	00 32 43.8	0.4			CN2	32.2	45	EP	01 32 36.0	7.7		
			S	00 38 15.0	- 0.9			1984 9 16							
LZH	37.2	330	IPC	00 32 45.0	0.3			O=07 07 42.4 +/- 0.12 SEC							
			P _m Z			1.5	0.1	LAT=31.99 S +/- 2.72 KM							
CN2	39.0	359	EP	00 32 59.0	- 0.5			LONG=178.18 W +/- 3.54 KM							
			P _m Z			2.0	0.2	DEPTH=10 KM +/- 0.43 KM							
			AP	00 33 35.0	- 3.1			Ms(CHINA)=5.1/4, Msz(NEIS)=5.3, mb(NEIS)=5.3							
			SCP	00 38 37.0	1.7			STATIONS USED=41, STAND DEV=2.21 SEC							
			ES	00 38 47.0	2.1			QZH	82.7	305	EP	07 20 06.0	- 2.7		
			PCS	00 38 54.0	0.1						ES	07 30 26.0	0.1		
MDJ	40.0	4	IPC	00 33 08.0	0.7						S _m E			11.0	0.5
GTA	41.8	329	IPC	00 33 22.5	0.0						LE	Ms=4.5		14.0	0.2
			PCP	00 35 16.2	1.4			SSE	85.0	311	EP	07 20 19.0	- 1.3		
			SCP	00 38 48.7	2.4						S	07 30 46.0	- 2.8		
			S	00 39 25.5	- 1.0			NJ2	87.2	310	EP	07 20 31.0	0.2		
			SCS	00 43 04.2	1.6						PP	07 23 51.0	- 5.0		
WMQ	51.4	325	P	00 34 36.5	- 1.0						SKS	07 31 00.0	5.6		
			PCP	00 35 48.2	- 0.6						S _m N			10.0	0.5
			SCP	00 39 28.2	2.0			WHN	89.2	307	EP	07 20 40.0	- 0.5		
			S	00 41 41.5	- 0.6			MDJ	89.8	325	EP	07 20 43.4	- 0.2		
			ESCS	00 44 04.0	- 1.0						SKS	07 31 10.0	- 1.1		
1984 9 16								SNY	90.9	320	EP	20 47.7	- 0.9		
O=01 26 02.1 +/- 0.17 SKC								TIA	90.9	313	EP	07 20 49.1	0.4		
LAT=24.85 N +/- 2.28 KM											SKS	07 31 19.0	1.5		
LONG=93.53 E +/- 1.49 KM											S _m N			9.5	0.4
DEPTH=44 KM +/- 0.62 KM											S _m E			9.5	0.6
Ms(CHINA)=4.0/2, mb(NEIS)=4.7, ML(CHINA)=4.7/4											XS	07 31 57.0	3.5		
STATIONS USED=37, STAND DEV=2.28 SEC								CN2	91.3	322	PC	07 20 50.0	- 0.4		
KMI	8.4	86	PC	01 28 04.5	0.5						P _m Z			4.0	0.3
			XP	01 28 15.5	- 2.6						SKS	07 31 16.0	- 3.7		



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
XAN	17.6	303	EP	13 14 11.8	- 1.4			mb(NEIS) = 4.6							
CN2	18.3	357	EP	13 14 25.4	3.2			STATIONS USED=16, STAND DEV=1.30 SEC							
CD2	20.9	290	EP	13 14 48.0	- 3.1			QZN	22.8	328	EP	19 10 09.9	2.4		
GTA	26.5	308	EP	13 15 41.0	- 4.4			GYA	30.7	332	P	19 11 22.2	2.2		
1984 9 16								KMI	31.6	325	EP	19 11 29.5	0.9		
O=14 53 51.7			+/-	0.15 SEC				NJ2	32.5	354	EP	19 11 34.2	- 2.1		
LAT=32.13 S			+/-	2.76 KM				CD2	35.8	332	(P)	19 12 03.8	- 0.4		
LONG=177.90 W			+/-	3.33 KM				XAN	36.5	341	EP	19 12 10.0	- 0.6		
DEPTH=11 KM			+/-	0.47 KM				GTA	44.7	335	EP	19 13 18.1	0.3		
mb(NEIS)=5.1							WMQ	53.8	329	P	19 14 27.0	- 0.8			
STATIONS USED=21, STAND DEV=2.76 SEC								1984 9 16							
NJ2	87.4	310	EP	15 06 42.2	0.9			O=22 26 38.7			+/-	0.20 SEC			
MDJ	90.1	325	EP	15 06 53.8	- 0.2			LAT=24.76 S			+/-	5.89 KM			
TIA	91.2	312	EP	15 07 00.0	0.8			LONG=175.49 W			+/-	5.57 KM			
CN2	91.6	322	PC	15 07 00.4	- 0.4			DEPTH=37 KM			+/-	0.85 KM			
GYA	92.5	299	P	15 07 07.0	1.8			Ms(CHINA)=5.1/9, Msz(NEIS)=5.2, mb(NEIS)=5.5							
1984 9 16								STATIONS USED=62, STAND DEV=3.04 SEC							
O=17 45 23.0			+/-	0.05 SEC				QZH	80.7	302	EP	22 38 48.0	- 2.3		
LAT=36.51 N			+/-	0.98 KM							ES	22 48 45.0	- 9.2		
LONG=70.63 E			+/-	0.90 KM							SKS	22 48 54.0	- 5.7		
DEPTH=201 KM			+/-	0.17 KM							LE	Ms=5.1	17.0	0.7	
mb(NEIS)=5.0								SSE	82.2	309	EP	22 38 59.0	0.8		
STATIONS USED=45, STAND DEV=0.91 SEC											SKS	22 49 02.0	- 8.2		
WMQ	14.9	55	PC	17 48 46.0	0.2			GZH	83.8	298	EP	22 39 07.0	0.5		
			S	17 51 25.0	- 1.3			NJ2	84.4	308	EP	22 39 08.5	- 0.8		
			S _m N			2.0	0.1				ES	22 49 30.0	- 1.6		
			S _m E			2.0	0.1				S _m N			12.0	0.6
GTA	23.1	73	IPC	17 50 15.0	2.0						S _m E			12.0	0.7
LZH	26.7	80	EP	17 50 47.0	0.9						LN	Ms=5.2	10.0	0.5	
CD2	28.0	91	IP	17 50 58.6	0.6			QZN	84.7	293	EP	22 39 15.2	4.2		
KMI	29.7	103	EP	17 51 12.5	- 0.4						ES	22 49 37.0	2.0		
BTO	30.9	70	EP	17 51 23.8	0.5			MDJ	85.3	324	EP	22 39 13.6	- 0.4		
XAN	31.2	83	EP	17 51 25.6	- 0.5						S	22 49 35.0	- 6.1		
GYA	32.2	97	P	17 51 34.8	0.5			DL2	86.4	315	EP	22 39 19.5	0.2		
WHN	36.7	86	P	17 52 13.5	0.9						ES	22 49 45.0	- 6.5		
QZN	38.5	106	EP	17 52 28.8	1.0			WHN	86.8	305	EP	22 39 20.8	- 0.6		
GZH	39.1	97	P	17 52 33.5	0.8						ES	22 49 50.0	- 5.5		
NJ2	39.8	81	EP	17 52 38.4	0.2						S _m N			10.0	0.2
1984 9 16											LN	Ms=5.4	12.0	0.9	
O=19 05 07.2			+/-	0.11 SEC				SNY	86.9	319	EP	22 39 26.4	4.4		
LAT=0.51 S			+/-	1.50 KM				CN2	87.1	321	PC	22 39 21.0	- 1.6		
LONG=122.08 E			+/-	1.06 KM							P _m Z			4.0	0.7
DEPTH=46 KM			+/-	0.57 KM							ESKS	22 49 46.0	2.9		
											S _m N			10.0	0.5
											S _m E			10.0	0.4

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
			S	07 00 26.0	- 3.1						S	07 02 18.0	- 5.9				
			S _m N			13.0	1.3				XS	07 02 30.0	- 3.0				
			S _m E			12.0	1.7				LN	Ms=5.6		18.0	2.0		
			LN	Ms=5.9		20.0	6.5				LE			18.0	1.9		
			LE			20.0	6.2			SSE	72.4	47	P	06 53 09.5	- 1.3		
WMQ	64.9	17	P	06 52 22.5	- 1.6							S	07 02 31.0	- 2.8			
			S	07 01 00.0	- 4.4							SCS	07 03 13.0	0.1			
			SS	07 05 12.0	- 4.0							SS	07 07 10.0	- 2.3			
LZH	64.9	33	EP	06 52 23.5	- 1.0							LN	Ms=5.8		14.0	2.9	
			P _m Z			2.5	0.2					LE			14.0	1.6	
			ES	07 00 40.0	- 25.2					HHC	72.5	34	EP	06 53 11.9	0.2		
			S _m E			13.0	2.5					S	07 02 29.0	- 6.5			
			LE	Ms=5.5		17.0	3.0					LE	Ms=5.6		15.0	2.5	
GTA	65.5	28	P	06 52 26.9	- 1.6							TIA	72.7	41	EP	06 53 10.9	- 1.9
			S	07 01 11.2	- 1.6							S	07 02 38.0	0.4			
			S _m E			15.0	2.8					S _m N			19.0	5.0	
			LN	Ms=5.7		20.5	5.0					S _m E			19.0	1.6	
XAN	66.3	38	EP	06 52 30.8	- 2.3							LN	Ms=6.0		23.5	6.8	
			S	07 01 19.0	- 2.4							LE			22.0	6.1	
			S _m E			13.0	23.5					DL2	77.2	41	EP	06 53 42.0	3.5
			LN	Ms=6.0		16.0	7.1					ES	07 03 26.0	- 1.3			
			LE			16.0	2.5					LN	Ms=5.8		19.0	2.9	
QZH	67.0	51	EP	06 52 38.0	0.1							LE			19.0	3.6	
			S	07 01 32.0	1.4							SNY	80.1	40	PU	06 53 52.0	- 2.4
			XS	07 01 42.0	2.0							S	07 03 46.0	- 12.3			
			LN	Ms=6.2		23.0	13.3					S _m E			22.0	3.5	
			LE			23.0	8.0					SS	07 09 00.0	- 9.8			
WHN	67.4	44	P	06 52 39.5	- 0.5							LN	Ms=6.0		37.0	9.2	
			S	07 01 36.0	1.4							LE			34.0	8.9	
			S _m E			11.0	1.6					CN2	82.4	39	EP	06 54 06.0	- 0.2
			LN	Ms=5.8		13.0	2.0					EPP	06 57 18.0	2.0			
			LE			15.0	3.8					ES	07 04 16.0	- 5.6			
TIY	70.9	37	EP	06 53 02.5	0.8							S _m E			10.0	0.7	
			IS	07 02 16.0	- 0.3							PS	07 05 08.0				
			S _m E			13.0	3.2					ESS	07 09 40.0	- 3.6			
			SCS	07 03 07.0	6.2							LN	Ms=5.8		20.0	4.0	
			LN	Ms=5.9		19.0	5.7					MDJ	85.3	40	EP	06 54 22.2	1.0
			LE			20.0	4.4					S	07 04 48.0	- 3.1			
NJ2	71.3	45	EP	06 53 04.0	- 0.4							LE	Ms=5.9		18.0	4.1	
			S	07 02 20.0	- 1.5												
			S _m N			15.0	1.2										
			SS	07 07 00.0	3.9												
			LN	Ms=5.4		11.0	0.9										
			LE			12.0	0.8										
BTO	71.5	34	EP	06 53 05.7	0.0												
			PP	06 55 44.0	- 1.0												

1984 9 17
 O=09 08 48.2 +/- 0.11 SEC
 LAT=32.10 S +/- 2.43 KM
 LONG=178.16 W +/- 2.67 KM
 DEPTH=12 KM +/- 0.34 KM
 Ms(CHINA)=6.0/29, Msz(NEIS)=6.4, mb(NEIS)=5.8

September

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
STATIONS USED=91, STAND DEV=1.58 SEC								DL2	90.1	317	PU	09 21 50.5	0.1			
QZH	82.8	305	PU	09 21 14.0	- 0.7						SKS	09 32 24.0	6.0			
			S	09 31 33.0	0.9						S	09 32 41.0	- 1.0			
			S _m N			12.0	4.0				XS	09 32 57.0	5.1			
			S _m E			12.0	4.5				LN	Ms=6.0		16.0	3.2	
			LN	Ms=5.8		18.0	3.5				LE			16.0	3.3	
			LE			16.0	1.1	SNY	91.0	320	IPU	09 21 53.0	- 1.6			
SSE	85.1	311	PU	09 21 26.0	- 0.3						P _m Z			14.0	2.0	
			S	09 31 50.0	- 5.0						PP	09 25 24.5	- 6.8			
			XS	09 32 02.0	- 2.9						SKS	09 32 16.0	- 7.4			
			LE	Ms=5.7		16.0	2.8				S	09 32 29.0	-21.1			
GZH	85.4	300	PU	09 21 28.0	0.3						S _m N			11.0	2.7	
			S	09 31 52.0	- 5.7						S _m E			12.0	2.7	
			S _m N			13.0	2.4				XS	09 33 06.0	6.0			
			S _m E			14.0	3.0				LN	Ms=6.1		21.0	6.6	
			PS	09 33 04.0							LE			20.0	4.1	
			LN	Ms=5.6		15.0	1.0	TIA	91.0	312	P	09 21 52.4	- 2.3			
			LE			16.0	1.8				SKS	09 32 27.0	3.5			
QZN	85.6	295	P	09 21 28.0	- 0.7						S _m N			13.0	4.7	
			P _m Z			10.0	2.5				S _m E			13.0	3.8	
			PP	09 24 52.5	4.7						XS	09 33 04.0	3.8			
			PP _m N			13.0	1.0				LN	Ms=5.9		17.0	3.2	
			PP _m E			13.0	1.1				LE			17.0	2.8	
			PP _m Z			11.0	2.2	CN2	91.4	322	IPU	09 21 55.5	- 1.0			
			ESKS	09 31 49.0	- 0.5						P _m Z			6.0	1.4	
			S	09 32 00.0	0.3						EPP	09 25 35.0	0.4			
			S _m N			15.0	3.8				PP _m Z			7.0	1.3	
			S _m E			15.0	3.5				SKS	09 32 20.0	- 5.7			
			SS	09 37 48.0	10.9						ES	09 32 48.0	- 5.7			
			LN	Ms=6.0		16.0	4.1				S _m N			10.0	2.8	
			LE			18.0	2.6				LE	Ms=6.1		17.0	6.7	
NJ2	87.2	310	PU	09 21 36.0	- 0.8					GYA	92.3	299	P	09 22 01.6	1.0	
			P _m Z			10.0	1.4				PP	09 25 50.0	7.5			
			S	09 32 06.0	- 9.5						S	09 33 05.0	3.5			
			S _m N			12.0	2.4				LN	Ms=6.0		18.0	4.5	
			LN	Ms=5.7		17.0	2.5				LE			18.0	3.1	
WHN	89.3	307	PU	09 21 46.0	- 0.4					KMI	94.5	296	EP	09 22 10.5	- 0.2	
			PP	09 25 26.0	7.7						SKS	09 32 52.0	9.2			
			ESKS	09 32 12.0	- 0.9						S _m N			12.0	2.8	
			S	09 32 31.0	- 3.3						LN	Ms=6.1		18.0	6.2	
			S _m E			12.0	2.4				TIY	94.9	311	P	09 22 12.0	- 0.6
			LN	Ms=6.0		16.0	2.7				PP	09 26 03.0	0.6			
			LE			16.0	3.2				SKS	09 32 49.0	3.8			
MDJ	89.9	325	PC	09 21 49.4	- 0.3						S	09 33 26.5	2.4			
			SKS	09 32 18.0	0.9						SS	09 40 07.5	16.9			
			LE	Ms=6.2		18.0	7.4				LN	Ms=6.0		23.0	3.9	

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
XAN	95.0	307	LE			20.0	4.4	TIA	59.9	40	EP	13 14 42.9	- 0.1				
			EP	09 22 13.5	0.4			BJI	61.6	36	EP	13 14 55.0	0.1				
			SKS	09 32 50.0	4.1			CN2	69.4	37	EP	13 15 43.5	- 1.6				
			S	09 33 38.0	12.8			1984 9 17									
			S _m N			12.0	3.3	O=14 35 29.6	+/-	0.30 SEC							
			S _m E			11.0	2.7	LAT=6.04 S	+/-	3.32 KM							
			LN		Ms=5.9	16.0	2.3	LONG=153.98 E	+/-	2.80 KM							
CD2	96.9	302	LE			16.0	2.5	DEPTH=36 KM	+/-	1.92 KM							
			EP	09 22 20.0	- 1.5			mb(NEIS) = 4.1									
			SKS	09 33 04.0	8.6			STATIONS USED=11, STAND DEV=4.15 SEC									
			S _m E			14.0	5.4	GYA	56.1	307	EP	14 45 20.8	12.6				
HHC	97.3	313	LE		Ms=6.0	15.0	4.2	XAN	58.3	316	EP	14 45 21.0	- 3.1				
			EP	09 22 23.0	- 0.6			KMI	58.7	304	EP	14 45 25.0	- 1.6				
			S	09 33 35.0	- 9.7			CD2	60.4	310	EP	14 45 37.0	- 1.7				
			LE		Ms=5.7	20.0	2.6	GTA	67.4	317	P	14 46 22.9	- 1.2				
BTO	98.1	313	EP	09 22 26.2	- 1.0			1984 9 17									
			EPP	09 26 24.5	- 3.6			O=20 59 56.0	+/-	0.30 SEC							
			(S)	09 33 46.0	- 5.4			LAT=55.94 N	+/-	3.47 KM							
			S _m N			10.0	2.0	LONG=87.35 E	+/-	3.66 KM							
			S _m E			10.0	3.1	DEPTH=1 KM	+/-	0.70 KM							
			LN		Ms=6.1	20.0	3.2	mb(NEIS) = 4.9									
LZH	99.6	306	LE			20.0	4.9	STATIONS USED=34, STAND DEV=1.32 SEC									
			EP	09 22 34.0	- 0.1			WMQ	12.1	178	EP	21 02 52.8	- 0.5				
			ESKS	09 33 12.0	2.2												
GTA	104.1	307	LN		Ms=6.1	18.0	5.1	S				21 05 06.0	- 4.7				
			EP	09 22 52.1	- 1.9			LG ₂				21 06 31.0	- 5.4				
			SKS	09 33 32.0	1.0			LN						1.0	0.08		
WMQ	114.2	307	LN		Ms=5.9	18.5	3.7	LE						1.0	0.06		
			EPKP	09 27 33.0	4.2			GTA	18.5	148	IPD	21 04 15.5	- 0.2				
			PP	09 28 27.0	- 0.3			LG				21 09 29.3					
			SKS	09 34 17.6	-19.4			LN						1.2	0.01		
			SS	09 45 00.0	45.9			LE						1.7	0.01		
1984 9 17			LN		Ms=5.8	17.0	1.9	BTO	21.4	126	P	21 04 47.7	0.1				
			O=13 04 34.0	+/-	0.05 SEC			LZH	22.8	143	PC	21 05 03.0	1.0				
			LAT=7.07 S	+/-	1.87 KM									1.5	0.07		
			LONG=72.77 E	+/-	1.71 KM			TIY	24.8	126	EP	21 05 22.8	1.5				
			DEPTH=10 KM	+/-	0.54 KM			XAN	26.5	136	EP	21 05 37.0	0.1				
			mb(NEIS) = 4.7					CN2	27.0	100	EP	21 05 41.4	- 0.5				
			STATIONS USED=16, STAND DEV=0.96 SEC					CD2	27.6	148	EP	21 05 47.8	0.9				
			GYA	46.8	43	P	13 13 07.0	0.5	TIA	28.2	121	EP	21 05 53.4	0.7			
			CD2	48.0	36	EP	13 13 16.5	0.5	WHN	31.7	131	P	21 06 24.1	0.1			
			WMQ	52.4	13	P	13 13 50.0	0.4									
1984 9 17			GTA	52.6	26	P	13 13 51.0	0.1	NJ2	32.4	124	PD	21 06 30.6	0.4			
			XAN	53.3	37	EP	13 13 55.0	- 1.2	GYA	32.6	146	P	21 06 33.2	1.3			
								KMI	32.8	153	EP	21 06 32.5	- 0.9				

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
SSE	34.3	122	EP	21 06 46.5	- 0.2						LN		Ms=5.4	14.0	2.8
QZN	40.6	146	EP	21 07 40.7	1.6			BTO	50.1	66	EP	13 35 00.9	1.6		
											PS	13 42 19.0			
											LN		Ms=5.4	15.0	2.1
											LE			15.0	1.9
								HHC	51.1	65	EP	13 35 07.0	0.3		
											S	13 42 30.0	6.3		
											LE		Ms=5.5	15.0	3.3
								KMI	52.2	87	PC	13 35 15.5	0.7		
											S	13 42 40.0	1.6		
											SS	13 46 20.0	8.1		
											LN		Ms=5.2	18.0	2.1
								XAN	52.2	74	EP	13 35 14.7	- 0.5		
											ES	13 42 35.0	- 4.1		
											LN		Ms=5.6	13.0	2.3
											LE			13.0	2.4
								TIY	53.1	68	EP	13 35 21.6	0.1		
											ES	13 42 55.0	4.5		
											LN		Ms=5.6	18.0	4.1
											LE			17.0	2.1
								GYA	54.4	84	P	13 35 31.6	0.3		
											S	13 43 10.0	1.4		
											LN		Ms=5.3	17.0	1.8
											LE			17.0	1.7
								TI A	57.1	68	EP	13 35 49.8	- 0.8		
											ES	13 43 48.5	4.3		
											LN		Ms=5.4	15.0	1.1
											LE			15.0	2.0
								SNY	58.8	59	EP	13 36 02.3	0.0		
											S	13 44 10.0	3.8		
											LN		Ms=5.8	19.0	5.3
											LE			19.0	3.6
								DL2	58.9	63	EP	13 36 02.5	- 0.7		
											S	13 44 05.0	- 2.8		
											LN		Ms=5.4	14.0	1.8
											LE			13.0	1.2
								CN2	59.0	56	PU	13 36 04.0	- 0.2		
											P _m Z			3.0	0.3
											EPP	13 38 13.0	- 2.6		
											ES	13 44 07.0	- 2.6		
											ESS	13 48 00.0	- 3.8		
											LN		Ms=5.6	14.0	3.4
								NJ2	60.4	71	EP	13 36 13.0	- 0.9		
											ES	13 44 30.0	2.1		
											LN		Ms=5.2	14.0	1.3
								QZN	61.0	89	EP	13 36 18.2	0.3		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			ES	13 44 38.5	3.0						XS	17 10 04.0	- 4.6		
			LN		Ms = 5.3	16.0	1.1				LN		Ms = 7.0	16.0	621.1
			LE			16.0	1.3				I PU	17 07 01.5	- 1.6		
MDJ	61.2	54	EP	13 36 20.8	1.6			NJ 2	19.0	270	S	17 10 32.0	1.7		
			S	13 44 40.0	2.2						S _m N			11.0	33.2
			LN		Ms = 5.5	14.0	2.5				S _m E			6.0	19.5
GZH	61.3	83	EP	13 36 20.0	0.2						SS	17 10 56.0	1.7		
			ES	13 44 40.0	1.1						LE		Ms = 7.0	16.0	632.0
			LN		Ms = 5.3	14.0	1.0	TIA	19.9	283	EP	17 07 13.3	- 0.5		
			LE			16.0	1.4				P _m E			11.0	25.8
SSE	62.6	71	P	13 36 28.0	-0.6						P _m Z			11.0	37.5
			EXS	13 45 06.0	0.9						XP	17 07 29.0	- 0.4		
			LE		Ms = 5.3	14.0	1.6				S	17 10 46.0	- 4.7		
1984 9 18															
O = 17 02 42.6 +/- 0.08 SEC															
LAT = 34.03 N +/- 1.78 KM															
LONG = 141.34 E +/- 1.50 KM															
DEPTH = 43 KM +/- 0.43 KM															
Ms (CHINA) = 6.8/28, Msz (NEIS) = 6.9, mb (NEIS) = 6.6															
STATIONS USED = 140, STAND DEV = 1.64 SEC															
MDJ	13.9	322	EP	17 05 59.8	0.2						S _m N			12.0	32.2
			S	17 08 34.0	0.1						S _m E			12.0	48.4
			LE		Ms = 5.9	12.0	52.2				XS	17 11 02.8	- 2.3		
CN2	15.7	312	PU	17 06 22.0	- 1.0						LN		Ms = 6.9	18.0	376.0
			P _m Z			5.0	9.8				LE			20.0	449.9
			ES	17 09 13.0	- 3.2						I PU	17 07 30.5	- 1.9		
			S _m E			7.0	11.2				P _m N			6.0	2.5
			LE		Ms = 6.8	14.0	450.0				P _m E			6.0	4.8
SNY	16.0	304	I PU	17 06 28.0	1.4						P _m Z			6.0	7.0
			P _m Z			17.0	22.4				PP	17 07 55.0	- 2.3		
			AP	17 06 37.5	2.5						S	17 11 29.0	3.4		
			S	17 09 17.5	- 5.3						PCP	17 11 33.0	1.0		
			XS	17 09 34.0	- 1.9						S _m N			10.0	20.2
			SCS	17 18 33.6	4.6						S _m E			12.0	27.2
DL2	16.6	292	PU	17 06 35.0	1.2						LN		Ms = 6.4	16.0	26.3
			S	17 09 35.0	- 0.9						LE			13.0	100.4
			SS	17 09 50.0	- 5.2						I PU	17 07 46.5	1.0		
			LN		Ms = 6.8	12.0	169.3				P _m Z			7.5	15.0
			IE			14.0	329.6				S	17 11 53.0	3.5		
SSE	17.2	265	I PU	17 06 42.0	- 0.1						S _m E			11.0	52.3
			P _m N			10.0	6.8				SCS	17 18 57.5	5.4		
			P _m E			10.0	16.2				PU	17 07 50.0	- 1.5		
			P _m Z			10.0	19.2				P _m Z			10.0	13.3
			PP	17 06 57.0	0.7						PP	17 08 32.0	7.8		
			IS	17 09 57.0	2.0						I S	17 12 01.5	1.2		
											S _m N			12.0	53.6
											S _m E			8.0	48.9
											LN		Ms = 6.7	20.0	212.4
											LE			21.0	202.0
											I PU	17 08 02.0	2.1		
											S	17 12 25.0	9.9		
											LN		Ms = 6.7	12.0	83.5
											LE			15.0	150.0

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
STATIONS USED = 55. STAND DEV = 1.86 SEC															
QZH	83.1	305	EP	04 02 38.5	3.7			GYA	92.5	299	P	04 03 21.6	1.1		
			ES	04 12 52.0	0.9						SKS	04 13 54.0	5.5		
			S _m N			11.0	1.0				XS	04 14 35.0	- 1.3		
			S _m E			11.0	1.0	BJI	94.3	315	PC	04 03 26.5	- 1.9		
			LE	Ms=4.9		12.0	0.3				P _m Z			4.0	0.3
SSE	85.4	311	E(P)	04 02 47.7	1.3						ESKS	04 14 03.0	4.7		
			ES	04 13 11.0	- 3.0						S _m N			10.0	1.7
			EXS	04 13 35.0	4.8						S _m E			10.0	0.8
GZH	85.6	300	EP	04 02 48.2	0.5			KMI	94.7	296	PD	04 03 36.0	5.4		
			ES	04 13 12.0	- 4.6						SKS	04 14 08.0	7.5		
			S _m N			11.0	0.7				S _m E			12.0	0.0
			S _m E			12.0	0.8				XS	04 14 55.0	- 0.2		
QZN	85.8	295	EP	04 02 49.5	0.8			TIY	95.1	311	EP	04 03 35.6	3.1		
			ESKS	04 13 08.0	0.4						SKS	04 14 09.5	6.5		
			S _m N			13.0	0.7				S	04 14 54.5	11.8		
			S _m E			12.0	0.9				S _m N			10.0	0.5
			LE	Ms=5.0		12.0	0.4				LN	Ms=4.9		18.0	0.4
NJ2	87.5	310	EP	04 02 57.5	0.7			XAN	95.3	307	EP	04 03 34.8	1.8		
			S	04 13 29.0	- 5.4			1984 9 19							
			S _m N			10.0	0.7	O=04 32 54.9 +/- 0.09 SEC							
			S _m E			10.0	0.5	LAT=32.24 S +/- 1.94 KM							
WHN	89.5	307	EP	04 03 08.5	2.1			LONG=177.91 W +/- 2.41 KM							
			AP	04 03 21.0	4.8			DEPTH=34 KM +/- 0.22 KM							
			ESKS	04 13 34.0	3.1			Ms(CHINA)=5.3/12, Msz(NEIS)=5.8, mb(NEIS)=5.2							
			S	04 13 45.5	- 7.6			STATIONS USED = 47. STAND DEV = 1.46 SEC							
			S _m E			12.0	1.0	QZH	83.1	305	EP	04 45 19.0	- 0.3		
			LN	Ms=5.0		14.0	0.4				XP	04 45 32.0	- 1.1		
MDJ	90.2	325	EP	04 03 09.0	- 0.6						ESKS	04 55 29.0	- 4.4		
DL2	90.4	317	EP	04 03 06.0	- 4.4						S	04 55 34.0	- 1.6		
			ESKS	04 13 41.0	5.0						LE	Ms=5.1		20.0	0.9
			S _m N			10.0	0.9	GZH	85.6	300	EP	04 45 32.0	- 0.2		
			S _m E			9.0	0.9				ES	04 55 53.0	- 8.1		
			LN	Ms=5.3		16.0	0.6				S _m N			11.0	1.0
			LE			16.0	0.6				S _m E			12.0	1.3
SNY	91.3	320	EP	04 03 14.1	- 0.5			QZN	85.8	295	P	04 45 35.0	1.8		
			SKS	04 13 46.0	4.7						SS	04 56 00.0	- 3.1		
			XS	04 14 20.0	- 5.3						S _m N			11.0	0.8
			LN	Ms=5.3		22.0	0.7				S _m E			12.0	0.8
			LE			22.0	0.9				LN	Ms=5.3		11.0	0.4
TIA	91.3	312	EP	04 03 14.7	0.0						LE			12.0	0.6
			SKS	04 13 47.0	5.6			NJ2	87.5	310	PR	04 45 42.0	0.8		
			S _m N			11.0	0.8				SKS	04 56 09.0	6.2		
			S _m E			11.0	1.1				S _m N			10.0	1.0
			LN	Ms=5.3		22.0	0.9				S _m E			9.0	0.8
			LE			22.0	0.9								

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
BTO	4.0	117	P	23 48 37.3	- 2.2			BTO	61.9	303	EP	04 27 44.0	- 0.6		
			I	23 48 43.9				TIA	62.5	295	PC	04 27 47.8	- 0.4		
			S	23 49 33.5	7.4						S	04 36 16.0	2.6		
			S _m N		ML=4.2	0.5	0.6				S _m N			9.5	0.6
			S _m E			0.5	0.4	TIY	63.3	299	PU	04 27 53.5	- 0.3		
GTA	5.3	235	P	23 48 57.9	0.5						S	04 36 25.0	1.1		
			I	23 49 15.3							LN		Ms=5.5	14.0	1.9
			S	23 49 51.5	- 6.3						LE			14.0	1.6
			I	23 50 19.5				SSE	64.8	288	EP	04 28 04.0	0.2		
			S _m N		ML=3.9	0.6	0.1				ES	04 36 44.0	1.1		
			S _m E			0.6	0.1				SCS	04 37 52.0	- 0.9		
LZH	6.6	190	EP	23 49 35.5	- 19.5						LN		Ms=5.4	14.0	1.1
			I	23 50 51.5							LE			14.0	1.2
			S _m N		ML=4.7	1.5	0.5	NJ2	65.1	291	PU	04 28 05.0	- 0.7		
			S _m E			1.5	0.4				S	04 36 43.0	- 3.5		
TIY	7.3	129	P	23 49 25.8	0.3						LN		Ms=5.4	15.0	1.9
			I	23 49 47.3							LE			15.0	0.9
			S	23 51 11.4	23.6						IPC	04 28 18.2	0.4		
			S _m N		ML=4.5	0.8	0.2				S	04 37 13.0	3.5		
			S _m E			0.9	0.2				S _m N			7.5	0.4
XAN	9.0	160	EP	23 49 42.9	- 6.1						LN		Ms=5.5	12.5	1.9
								WMQ	67.3	320	PC	04 28 19.5	- 0.3		
											P _m Z			2.0	0.1
											AP	04 28 24.0	- 2.8		
											ES	04 37 11.0	- 2.5		
								XAN	67.9	300	PC	04 28 22.9	- 0.5		
											ES	04 37 20.0	- 0.4		
								LZH	68.3	305	IPC	04 28 26.0	0.1		
											P _m Z			1.6	0.3
											ES	04 37 26.0	1.0		
											LE		Ms=5.9	16.0	5.7
								WHN	68.5	293	EP	04 28 27.0	0.1		
											IS	04 37 30.0	3.1		
											LN		Ms=5.2	10.0	0.7
								QZH	71.2	287	EP	04 28 43.0	- 0.8		
											S	04 37 56.5	- 3.1		
											S _m N			6.0	0.4
											S _m E			6.0	0.5
											LN		Ms=5.1	14.0	0.7
								CD2	72.8	302	PC	04 28 53.1	- 0.1		
											P _m Z			0.9	0.1
											PP	04 31 37.0	0.7		
											S	04 38 19.0	1.4		
											LE		Ms=5.4	13.0	1.3
								GZH	75.3	290	P	04 29 08.5	0.9		
											S	04 38 48.5	3.0		

1984 9 20

O=04 17 23.1 +/- 0.06 SEC

LAT=60.33 N +/- 1.37 KM

LONG=146.05 W +/- 1.00 KM

DEPTH=18 KM +/- 0.09 KM

Ms(CHINA)=5.4/19, Msz(NEIS)=5.2, mb(NEIS)=5.5

STATIONS USED=95, STAND DEV=1.02 SEC

MDJ	50.0	292	PC	04 26 18.9	- 0.4		
CN2	52.6	294	PC	04 26 37.6	- 0.8		
			P _m Z			4.0	0.6
			EPP	04 28 46.0	8.2		
			ES	04 34 00.0	- 3.5		
			S _m N			6.0	0.9
			ESS	04 37 50.0	10.9		
			LE		Ms=5.3	11.0	1.7
SNY	55.0	294	IPC	04 26 55.8	- 0.3		
			S	04 34 30.0	- 5.9		
			LN		Ms=5.5	10.0	1.9
			LE			10.0	1.0
DL2	58.2	293	P	04 27 19.0	- 0.1		
			S	04 35 21.0	2.2		
			LN		Ms=5.4	10.0	1.1
			LE			12.0	1.0
HHC	61.0	302	PD	04 27 37.7	- 1.1		

September

STA CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
GYA	75.4	297	EP	04 29 08.8	0.3			QZN	33.5	319	PU	06 49 31.0	2.0		
			S	04 38 48.0	0.9						PP	06 50 48.0	6.8		
KMI	78.3	300	EP	04 29 24.5	- 0.2						ES	06 54 47.0	0.9		
			ES	04 39 18.0	- 0.5			QZH	33.9	337	IPU	06 49 32.0	- 0.4		
			LN			Ms=5.5	15.0 1.9				P _m N			2.5	0.3
QZN	80.4	291	P	04 29 37.9	1.8						AP	06 49 49.5	3.4		
<p>1984 9 20 O=04 28 02.8 +/- 0.06 SEC LAT=60.30 N +/- 1.19 KM LONG=146.06 W +/- 0.93 KM DEPTH=26 KM +/- 0.13 KM Ms(CHINA)=5.5/8, Msz(NEIS)=4.7, mb(NEIS)=5.1 STATIONS USED=59, STAND DEV=3.96 SEC</p>															
MDJ	50.1	292	EP	04 36 57.0	- 1.0						S	06 54 46.0	- 6.4		
CN2	52.6	294	PC	04 37 16.7	- 0.4						S _m E			6.0	0.2
			ES	04 44 37.0	- 4.5			GZH	34.6	328	EP	06 49 38.0	- 0.7		
			LE			Ms=5.4	11.0 2.0				ES	06 55 00.0	- 3.7		
SNY	55.0	294	EP	04 37 34.3	- 0.5			SSE	38.8	345	IPC	06 50 15.0	1.1		
HHC	61.1	302	PD	04 38 18.2	0.7						P _m Z			1.0	0.2
			LN			Ms=5.7	11.0 2.6				AP	06 50 31.6	3.8		
			LE				12.0 1.7				XP	06 50 42.0	7.5		
BTO	61.9	303	EP	04 38 23.0	- 0.3						ES	06 56 05.0	- 2.8		
TIY	63.3	299	EP	04 38 32.2	- 0.3			NJ2	40.4	342	IPU	06 50 28.0	1.2		
NJ2	65.1	291	EP	04 38 44.5	0.2						P _m Z			4.0	0.9
GTA	67.0	309	IP C	04 38 26.9	- 29.5						AP	06 50 45.0	4.3		
XAN	67.9	300	EP	04 39 01.5	- 0.6						XP	06 50 55.0	7.6		
LZH	68.3	305	PC	04 39 04.5	- 0.1						ESCP	06 56 12.5	0.7		
			P _m Z				1.5 0.1	WHN	40.6	336	IPC	06 50 30.2	1.8		
WHN	68.5	293	EP	04 39 06.0	0.5						AP	06 50 47.0	4.7		
CD2	72.8	302	PC	04 39 32.4	0.6						ES	06 56 34.0	0.1		
			P _m Z				0.9 0.07				S _m E			10.0	0.7
			(S)	04 48 59.0	3.4			GYA	41.0	324	PC	06 50 32.6	0.6		
			LN			Ms=5.6	12.0 2.1				XP	06 51 00.0	7.5		
GYA	75.4	297	P	04 39 48.0	0.9						S	06 56 39.0	- 1.4		
			S	04 49 25.0	0.0			KMI	42.4	318	PU	06 50 45.0	1.0		
			LN			Ms=5.6	16.0 1.4				P _m Z			2.0	0.9
			LE				16.0 2.2				ES	06 57 01.0	- 1.1		
<p>1984 9 20 O=06 42 52.3 +/- 0.15 SEC LAT=6.54 S +/- 2.21 KM LONG=132.00 E +/- 2.88 KM DEPTH=55 KM +/- 0.42 KM Ms(CHINA)=4.6/4, mb(NEIS)=5.8 STATIONS USED=91, STAND DEV=2.25 SEC</p>															
											(S _m E)			8.0	0.8
								TIA	44.8	342	PC	06 51 02.2	- 0.4		
											XP	06 51 26.0	2.8		
											PCP	06 52 44.2	0.7		
											S	06 57 31.0	- 4.3		
											SCS	07 00 53.9	2.7		
											LN		Ms=4.6	38.0	1.4
								XAN	45.9	333	IPC	06 51 11.1	- 0.6		
											AP	06 51 29.0	3.4		

September

STA CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			PP	06 53 00.0	0.9			LONG = 73.47 W +/- 1.64 KM DEPTH = 116 KM +/- 3.25 KM mb (NEIS) = 5.2 STATIONS USED = 46, STAND DEV = 3.20 SEC							
CD2	46.0	325	ES	06 57 47.0	- 4.7			MDJ	144.7	331	EPKP	10 13 09.5	- 1.4		
			PC	06 51 13.0	0.4			CN2	147.1	334	PKPC	10 13 15.5	0.5		
			AP	06 51 31.4	4.8			WMQ	147.2	25	PKPD	10 13 16.5	1.4		
			P _m Z			1.5	0.3	SNY	149.5	334	EPKP	10 13 19.8	0.9		
			ES	06 57 55.0	1.6			DL2	152.8	333	EPKP	10 13 31.0	7.3		
DL2	46.2	348	PU	06 51 14.0	- 0.2			BJI	153.7	343	EPKP	10 13 26.0	2.7		
			P _m N			4.0	0.3	GTA	155.1	12	PKPD	10 13 29.1	- 3.8		
			P _m Z			4.0	0.4	TIY	156.9	348	EPKP	10 13 31.0	1.8		
			PP	06 53 02.0	- 0.4			TIA	156.9	337	EPKP	10 13 31.2	1.9		
			S	06 57 53.0	- 3.3			LZH	158.9	6	EPKP	10 13 34.0	2.0		
			SS	07 01 15.0	1.5			XAN	161.0	353	EPKP	10 13 35.6	1.6		
TIY	47.7	338	IPU	06 51 25.5	- 0.1			CD2	164.0	8	EPKP	10 13 39.0	1.9		
			P _m Z			4.0	0.7	GYA	168.7	359	PKP	10 13 23.6	- 17.1		
			PP	06 53 06.0	- 9.8			1984 9 20 O = 12 44 25.1 +/- 0.05 SEC LAT = 24.38 S +/- 1.18 KM LONG = 179.73 W +/- 1.03 KM DEPTH = 498 KM +/- 0.79 KM mb (NEIS) = 5.3 STATIONS USED = 41, STAND DEV = 0.93 SEC							
			S	06 58 11.0	- 5.8			NJ2	81.2	311	EP	12 55 49.5	- 0.4		
			S _m E			5.0	0.3	MDJ	82.8	326	EP	12 55 57.3	- 0.9		
			SCS	07 01 15.0	5.1			DL2	83.5	317	EP	12 56 01.4	- 0.2		
SNY	48.7	351	IPC	06 51 32.8	- 0.1			WHN	83.5	307	P	12 56 02.0	0.4		
			PP	06 53 23.5	- 2.8			CN2	84.4	323	PD	12 56 05.6	- 0.6		
			ES	06 58 24.2	- 7.7			TIA	84.7	313	PD	12 56 07.8	0.0		
			ESS	07 01 57.0	0.4			BJI	87.5	316	EP	12 56 21.0	- 0.2		
LZH	50.0	330	IPC	06 51 14.0	0.5			TIY	88.7	312	P	12 56 27.0	0.3		
			P _m Z			2.0	0.4	XAN	89.2	308	EP	12 56 29.3	0.1		
CN2	50.5	353	IPC	06 51 46.3	- 0.8			CD2	91.5	303	EP	12 56 40.9	1.1		
			P _m Z			4.0	0.4	GTA	98.2	309	EP	12 57 09.7	- 0.5		
			AP	06 52 05.0	3.8			1984 9 20 O = 13 37 02.9 +/- 0.14 SEC LAT = 41.34 S +/- 2.19 KM LONG = 43.26 E +/- 3.11 KM DEPTH = 8 KM +/- 0.38 KM MsZ (NEIS) = 5.4, mb (NEIS) = 5.0 STATIONS USED = 11, STAND DEV = 2.06 SEC							
			PCP	06 53 03.8	0.0										
			ES	06 58 49.0	- 6.7										
			S _m E			6.0	0.3								
			ESS	07 02 19.0	- 6.3										
			LN	Ms = 4.6		11.0	0.3								
HHC	50.8	339	PC	06 51 50.0	0.5										
MDJ	51.0	357	PC	06 51 50.8	- 0.1										
			S	06 59 01.0	- 1.7										
BTO	51.1	338	EP	06 51 51.0	- 0.9										
WMQ	64.1	325	IPC	06 53 24.0	0.3										
			P _m Z			1.5	0.7								
			AP	06 53 39.5	1.3										
			ES	07 01 54.0	- 1.3										
			XS	07 02 26.2	6.2										
			SCS	07 03 08.5	1.0										
1984 9 20															
O = 09 53 46.8 +/- 0.35 SEC															
LAT = 15.08 S +/- 4.17 KM															

September

STA	Δ	AZ	PHASE	UTC	RESID	T	A	STA	Δ	AZ	PHASE	UTC	RESID	T	A
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
CD2	91.0	48	(P)	13 50 10.4	0.4						LE			15.0	28.5
GTA	95.4	40	EP	13 50 30.5	0.1			TIA	19.9	282	EP	17 00 56.0	- 0.3		
											ES	17 04 32.0	- 2.4		
											SS	17 05 01.0	- 0.5		
											LN	Ms=5.9		13.0	15.0
											LE			13.0	30.0
								QZH	21.8	251	PU	17 01 12.0	- 3.4		
											PP	17 01 38.0	- 2.0		
											ES	17 05 03.0	- 7.3		
											SS	17 05 42.0	- 5.1		
											LN	Ms=5.4		16.0	10.0
											LE			16.0	7.6
								WHN	23.1	268	EP	17 01 28.0	- 0.2		
											Pm Z			5.0	1.3
											S	17 05 28.0	- 5.9		
											Sm Z			10.0	6.1
								TIY	23.7	287	EP	17 01 32.0	- 2.0		
											Pm Z			7.0	1.9
											PP	17 02 00.0	- 6.3		
											PPm Z			7.0	2.1
											PPP	17 02 17.5			
											I	17 02 31.0			
											IS	17 05 49.5	5.2		
											Sm E			9.0	3.4
											XS	17 06 09.5	12.8		
											LN	Ms=5.9		12.0	18.8
											LE			12.0	15.3
								BTO	25.7	293	IPU	17 01 54.0	0.8		
											IS	17 06 20.0	1.8		
											LN	Ms=5.7		12.0	11.2
											LE			12.0	10.1
								XAN	26.8	279	EP	17 02 02.0	- 1.9		
											PP	17 02 44.0	- 4.5		
											S	17 06 37.0	- 0.1		
											LN	Ms=6.1		14.0	16.1
											LE			14.0	36.8
								GZH	26.9	253	EP	17 02 03.0	- 1.2		
											PP	17 02 51.0	1.9		
											ES	17 06 40.0	2.3		
											LN	Ms=5.6		13.0	3.0
											LE			12.0	10.4
								LZH	30.7	284	EP	17 02 38.0	- 0.3		
											Pm Z			2.5	0.2
											EPP	17 03 40.0	1.7		
											EC	17 07 38.0	- 0.5		
											Sm E			16.0	5.4

1984 9 20
O = 16 56 23.1 +/- 0.09 SEC
LAT = 34.12 N +/- 1.99 KM
LONG = 141.38 E +/- 1.87 KM
DEPTH = 25 KM +/- 0.39 KM
Ms (CHINA) = 5.8/31, Msz (NEIS) = 5.8, mb (NEIS) = 5.5
STATIONS USED = 105, STAND DEV = 1.84 SEC

MDJ	13.9	322	EP	16 59 40.5	- 0.3										
			S	17 02 14.0	- 1.4										
			LN	Ms=5.9		15.0	48.7								
			LE			15.0	36.1								
CN2	15.7	312	PU	17 00 04.0	- 0.5										
			Pm E			8.0	2.7								
			Pm N			8.0	4.5								
			AP	17 00 10.0	- 0.8										
			ES	17 02 59.0	0.8										
			Sm N			9.0	3.8								
			LN	Ms=5.7		11.0	14.2								
			LE			11.0	19.4								
SNY	16.0	303	IPU	17 00 09.0	0.7										
			Pm Z			7.0	1.9								
			PPP	17 00 32.0											
			S	17 03 00.0	- 5.1										
			LN	Ms=5.5		12.0	12.0								
			LE			14.0	14.3								
DL2	16.6	292	PU	17 00 17.0	1.3										
			Pm E			6.0	2.0								
			Pm N			8.0	2.2								
			PPP	17 00 38.0											
			S	17 03 17.0	- 1.6										
			SS	17 03 40.0	2.2										
			LN	Ms=5.7		12.0	22.6								
			LE			12.0	17.1								
SSE	17.3	265	PU	17 00 26.0	1.5										
			PP	17 00 40.0	1.4										
			ES	17 03 34.0	- 5.0										
			XS	17 03 52.0	2.8										
			SS	17 03 57.0	1.8										
			LN	Ms=5.7		14.0	29.6								
NJ2	19.0	270	PU	17 00 43.0	- 2.7										
			XP	17 00 57.0	0.4										
			SS	17 04 28.0	- 9.8										
			LN	Ms=5.8		14.0	12.5								

STA.	Δ	AZ	PHASE	UTC	RESID	T	A	STA.	Δ	AZ	PHASE	UTC	RESID	A	
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
			LE			20.0	4.8	SSE	17.3	265	P	21 57 56.5	1.9		
BTO	39.9	314	EP	19 26 54.0	- 0.1						PP	21 58 11.0	2.2		
			S	19 32 51.0	- 4.9						ES	22 01 08.0	- 1.6		
			LN		Ms=5.2	15.0	0.7				SS	22 01 29.0	3.7		
			LE			15.0	2.6				LN		Ms=5.8	14.0	33.1
CD2	41.9	297	P	19 27 12.0	1.3						LE			14.0	8.6
			S	19 33 24.0	- 1.7			NJ 2	19.0	270	PU	21 58 13.0	- 2.9		
			LE		Ms=5.5	17.0	5.5				XP	21 58 28.0	0.6		
KMI	42.2	288	EP	19 27 15.0	1.5						SS	22 01 57.0	-11.1		
			ES	19 33 33.0	2.3						LE		Ms=5.9	16.0	47.1
			LE		Ms=5.3	16.0	3.4	TIA	20.0	283	EP	21 58 26.2	- 0.5		
LZH	42.9	305	EP	19 27 20.0	0.9						ES	22 02 05.0	0.0		
			ES	19 33 40.0	- 0.7						SS	22 02 29.0	- 3.4		
			LE		Ms=6.1	10.0	11.1				LN		Ms=6.1	13.5	25.0
GTA	46.9	308	P	19 27 51.3	0.8						LE			15.0	58.7
			PCP	19 29 23.5	1.3			QZH	21.8	251	PU	21 58 43.0	- 2.1		
			SCP	19 33 12.3	2.1						PP	21 59 10.0	0.2		
			PCS	19 33 12.7	- 3.0						S	22 02 36.0	- 3.6		
			S	19 34 35.3	- 2.0						SS	22 03 10.0	- 6.4		
			S _m E			6.0	0.3				LE		Ms=5.5	14.0	12.7
			SCS	19 37 40.9	4.1			TIY	23.7	287	EP	21 59 06.0	1.6		
			LE		Ms=5.6	16.8	6.2				P _m Z			8.0	2.1
											XP	21 59 19.0	2.5		
											PP	21 59 35.5	- 1.5		
											PP _m Z			8.0	3.0
											S	22 03 14.0	- 0.8		
											XS	22 03 28.0	- 0.1		
											LN		Ms=5.9	12.0	17.3
											LE			12.0	18.2
								HHC	24.6	294	EP	21 59 14.8	2.0		
											S	22 03 38.0	8.4		
											S _m N			13.0	4.4
											S _m E			11.5	8.5
											LN		Ms=5.6	12.0	7.9
											LE			10.0	7.5
								BTO	25.7	294	I PU	21 59 24.0	0.3		
											PCP	22 02 55.0	1.6		
											S	22 03 49.0	0.3		
											LN		Ms=5.8	11.0	9.1
											LE			11.0	15.1
								GZH	26.9	253	EP	21 59 34.0	0.0		
											PP	22 00 20.0	1.1		
											ES	22 04 11.0	4.0		
											S _m N			18.0	3.4
											S _m E			16.0	6.4
											LN		Ms=5.8	13.0	11.5

1984 9 20

O=21 53 53.6 +/- 0.07 SEC

LAT=34.00 N +/- 1.56 KM

LONG=141.40 E +/- 1.37 KM

DEPTH=29 KM +/- 0.36 KM

Ms(CHINA)=5.9/33, Msz(NEIS)=5.8, mb(NEIS)=5.7

STATIONS USED=98, STAND DEV=1.32 SEC

MDJ	14.0	322	EP	21 57 11.0	- 1.1										
			S	21 59 43.0	- 4.5										
			LN		Ms=5.9	15.0	60.6								
CN2	15.8	312	PU	21 57 34.5	- 1.1										
			P _m Z			7.8	4.3								
			ES	22 00 29.0	- 1.0										
			LN		Ms=5.6	12.5	26.1								
DL2	16.6	292	I PU	21 57 47.0	0.6										
			P _m N			8.0	2.4								
			P _m E			9.0	2.4								
			XP	21 58 00.0	2.2										
			ES	22 00 54.0	4.3										
			S _m N			8.0	7.8								
			S _m E			10.0	2.6								
			SS	22 01 10.0	0.9										
			LN		Ms=5.7	12.0	27.5								

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE			12.0	9.9				LE			14.0	8.3
XAN	26.9	279	EP	21 59 33.2	- 0.9			NJ2	19.2	270	EP	23 18 55.5	- 2.1		
			ES	22 04 09.0	1.7						LN		Ms=4.8	12.0	1.9
			LN		Ms=6.3	14.0	20.0				LE			14.0	2.7
LZH	30.7	284	EP	22 00 07.5	- 1.2			TIA	20.1	283	EP	23 19 08.0	0.0		
			P _m Z			1.6	0.1				LN		Ms=5.0	10.0	1.9
			PP	22 01 10.0	1.0						LE			13.0	3.9
			ES	22 05 08.0	- 0.8			QZH	22.0	251	EP	23 19 34.0	7.3		
			S _m E			16.0	6.9				ES	23 23 30.0	7.9		
GYA	30.8	265	LE		Ms=6.4	12.0	53.3	WHN	23.3	268	EP	23 19 40.0	0.3		
			PU	22 00 08.0	- 1.8			TIY	23.9	287	E(P)	23 19 45.8	0.3		
			PP	22 01 18.0	7.3						(S)	23 23 58.0	1.8		
			S	22 05 08.0	- 2.8						LN		Ms=4.9	12.0	1.7
			LN		Ms=6.2	14.0	11.5				LE			11.5	1.6
QZN	31.8	250	EP	22 00 17.0	- 1.0			HHC	24.7	294	EP	23 19 55.8	2.1		
			ES	22 05 19.0	- 6.4						S	23 24 17.0	6.4		
			LN		Ms=5.7	16.0	8.6	BTO	25.9	293	EP	23 20 06.0	1.4		
			LE			15.0	8.4	XAN	27.0	279	EP	23 20 13.5	- 1.8		
CD2	31.8	274	EP	22 00 16.8	- 1.5			LZH	30.8	284	EP	23 20 47.5	- 2.1		
			S	22 05 18.0	- 7.8						P _m Z			1.6	0.05
			LN		Ms=6.2	15.0	36.3	CD2	32.0	274	EP	23 20 56.8	- 2.6		
GTA	33.6	291	P	22 00 33.8	0.2			GTA	33.7	291	P	23 21 13.9	- 0.5		
			P _m Z			6.0	0.7				S	23 26 34.6	0.3		
			PP	22 01 46.0	0.5						LE		Ms=4.8	12.5	1.3
			S	22 05 54.0	0.6			KMI	34.8	265	PD	23 21 22.0	- 1.9		
			LE		Ms=5.8	13.0	11.7				ES	23 26 45.0	- 6.4		
KMI	34.6	265	PC	22 00 43.0	0.2						LE		Ms=5.2	14.0	3.3
			ES	22 06 03.5	- 6.4			WMQ	42.4	299	P	23 22 29.0	1.8		
			LE		Ms=6.2	13.0	31.3				S	23 28 48.0	2.0		
											S _m N			3.0	0.2

1984 9 20
O=23 14 34.3 +/- 0.09 SEC
LAT=34.08 N +/- 2.32 KM
LONG=141.60 E +/- 1.83 KM
DEPTH=38 KM +/- 0.78 KM
Ms(CHINA)=4.9/11, Msz(NEIS)=5.1, mb(NEIS)=5.3
STATIONS USED=70, STAND DEV=1.83 SEC

1984 9 20
O=23 39 23.3 +/- 0.18 SEC
LAT=34.27 N +/- 3.91 KM
LONG=141.75 E +/- 2.90 KM
DEPTH=42 KM +/- 2.65 KM
mb(NEIS)=4.8
STATIONS USED=25, STAND DEV=3.08 SEC

MDJ	14.0	322	EP	23 17 52.0	- 0.7		
CN2	15.9	312	PC	23 18 18.0	1.4		
SNY	16.2	303	EP	23 18 19.8	- 0.7		
SSE	17.5	265	EP	23 18 41.6	4.8		
			(S)	23 21 55.0	- 1.5		
			SS	23 22 14.0	4.7		
			LN		Ms=5.2	14.0	4.0

MDJ	13.9	321	EP	23 42 39.2	- 1.4		
SNY	16.2	303	EP	23 43 07.4	- 1.9		
DL2	16.8	291	EP	23 43 25.0	7.7		
TIA	20.2	282	EP	23 44 02.8	5.3		
XAN	27.1	278	EP	23 45 01.2	- 3.5		
GYA	31.1	265	P	23 45 48.8	7.9		
CD2	32.1	274	EP	23 45 45.4	- 3.5		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
XAN	15.5	313	EP	07 26 13.0	- 1.4			LAT=23.93 N +/- 3.22 KM LONG=122.33 E +/- 2.40 KM DEPTH=33 KM +/- 1.67 KM Ms(CHINA)=4.3/13, Msz(NEIS)=4.9, mb(NEIS)=4.7, ML(CHINA)=4.4/5 STATIONS USED=35, STAND DEV=2.75 SEC							
			LG ₁	07 30 40.0	- 2.8			QZH	3.6	287	I PC	07 41 34.6	1.6		
			LG ₂	07 30 54.0	-13.3						S	07 42 14.5	0.1		
			LE		Ms=4.5	13.0	2.2				S _m N		ML=3.9	0.3	0.4
TIY	16.1	330	EP	07 26 23.5	0.6						S _m E			0.3	0.3
			(S)	07 29 17.0	- 3.3			SSE	7.2	352	PD	07 42 23.2	- 1.5		
			LG ₂	07 31 17.5	-11.6						P _m Z			0.5	0.09
			LN		Ms=4.9	12.0	3.9				LG ₂	07 44 29.8	- 7.0		
			LE			11.0	1.9				LN		Ms=4.0	10.0	1.2
BJI	16.8	343	EP	07 26 32.5	0.6			GZH	8.3	266	E(P)	07 42 28.0	-11.7		
			P _m N			6.0	0.3				LN		Ms=4.0	10.0	0.9
			P _m Z			5.0	0.3				LE			11.0	0.9
			ES	07 29 45.0	8.3			NJ2	8.7	339	EP	07 42 42.0	- 2.8		
			S _m E			6.0	0.2				ES	07 44 17.5	- 4.8		
			LN		Ms=4.6	11.5	2.0				LG	07 45 15.0			
SNY	17.8	2	EP	07 26 44.6	0.6						LN		Ms=4.3	11.0	2.3
			ES	07 30 10.0	- 2.9			WHN	9.7	314	EP	07 42 57.5	- 1.5		
			LE		Ms=4.3	19.0	1.6				TIA	07 43 48.1	3.5		
CD2	17.9	296	EP	07 26 44.6	- 0.9						LN		Ms=4.3	12.0	1.1
			ES	07 30 05.0	-12.6						LE			12.0	0.8
			LN		Ms=5.0	5.0	2.1				GYA	07 44 05.2	2.6		
KMI	17.9	277	PC	07 26 46.5	0.6						DL2	07 44 12.5	2.9		
			XP	07 26 59.5	- 0.3						LN		Ms=4.1	13.0	0.9
			S	07 30 05.0	-13.5						TIY	07 44 27.0	1.9		
			LE		Ms=4.7	12.0	2.5				LG ₂	07 49 52.5	21.1		
HHC	19.1	334	EP	07 27 00.2	0.3						LN		Ms=4.5	12.0	1.6
			S	07 30 17.0	-11.2						LE			12.0	0.6
			LN		Ms=4.8	14.0	3.2				KMI	07 44 49.5	2.6		
			LE			15.0	1.6				ES	07 48 13.0	- 6.9		
BTO	19.6	330	EP	07 27 03.0	- 1.8						LE		Ms=4.4	14.0	1.3
			ES	07 30 29.5	- 8.5						CD2	07 44 48.6	1.7		
			LN		Ms=5.0	13.0	4.0				S	07 48 07.0	-13.3		
			LE			13.0	2.5				LN		Ms=4.5	8.0	1.0
CN2	19.9	6	EP	07 27 08.4	- 0.2						BTO	07 45 04.0	- 3.1		
			P _m Z			3.0	0.3				ELG ₂	07 51 17.0	- 7.8		
			ES	07 30 42.0	- 3.5						LN		Ms=4.6	12.0	1.3
			LN		Ms=4.8	13.0	2.4				LE			12.0	0.8
LZH	20.0	311	EP	07 27 09.5	- 0.8						CN2	07 45 10.0	- 1.5		
			P _m Z			2.0	0.2				MDJ	07 45 28.5	1.7		
MDJ	21.4	14	EP	07 27 25.0	1.1						GTA	07 45 53.2	- 3.6		
GTA	24.5	314	P	07 27 53.6	- 1.1										
			LE			12.7	1.4								
WMQ	34.6	313	P	07 29 24.0	- 1.0										

1984 9 21

O=07 40 38.8

+/- 0.14 SEC

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>1984 9 21</p> <p>O=09 18 30.8 +/- 0.06 SEC</p> <p>LAT=12.14 S +/- 0.87 KM</p> <p>LONG=166.54 E +/- 1.02 KM</p> <p>DEPTH=144 KM +/- 0.75 KM</p> <p>mb(NEIS)=4.8</p> <p>STATIONS USED=29, STAND DEV=0.78 SEC</p>								<p>DL 2 16.6 292 PU 09 33 45.0 1.1</p> <p>P_mE 5.0 1.6</p> <p>P_mZ 5.0 1.4</p> <p>AP 09 33 54.0 2.4</p> <p>ES 09 36 45.0 - 1.6</p> <p>SS 09 37 08.0 1.9</p> <p>LN Ms=5.6 12.0 18.5</p> <p>LE 12.0 7.9</p> <p>SSE 17.3 265 PU 09 33 53.0 0.9</p> <p>XP 09 34 08.0 3.1</p> <p>XS 09 37 16.0 - 2.9</p> <p>SS 09 37 23.0 0.6</p> <p>LN Ms=6.0 12.0 15.1</p> <p>LE 12.0 44.3</p> <p>NJ 2 19.0 270 PU 09 34 11.0 - 2.3</p> <p>SS 09 37 58.0 - 7.1</p> <p>LE Ms=5.6 15.0 23.9</p> <p>TIA 20.0 283 EP 09 34 22.9 - 1.1</p> <p>ES 09 37 54.0 - 7.7</p> <p>S_mN 12.0 2.6</p> <p>S_mE 12.0 2.2</p> <p>XS 09 38 06.5 - 7.9</p> <p>SS 09 38 24.5 - 4.8</p> <p>SCS 09 45 54.2 2.1</p> <p>LN Ms=5.9 12.5 16.4</p> <p>LE 13.5 35.1</p> <p>BJI 21.0 293 EP 09 34 33.0 - 1.6</p> <p>PP 09 34 56.5 - 0.6</p> <p>ESCP 09 42 15.0 1.7</p> <p>ES 09 38 20.0 - 1.5</p> <p>XS 09 38 32.0 - 3.9</p> <p>LN Ms=5.7 12.5 15.1</p> <p>LE 11.5 9.0</p> <p>QZH 21.8 251 PU 09 34 39.0 - 3.5</p> <p>AP 09 34 52.5 0.7</p> <p>XP 09 34 56.0 - 0.3</p> <p>PP 09 35 06.0 - 1.4</p> <p>PPP 09 35 14.0</p> <p>S 09 38 30.5 - 5.8</p> <p>XS 09 38 51.0 - 0.3</p> <p>SS 09 39 13.5 0.0</p> <p>LN Ms=5.3 12.0 2.9</p> <p>LE 14.0 7.0</p> <p>WHN 23.1 268 P 09 34 56.0 0.3</p> <p>XP 09 35 14.7 5.3</p> <p>ES 09 39 00.0 - 0.4</p>							
<p>NJ 2 63.3 315 PC 09 28 47.2 - 0.2</p> <p>MDJ 65.7 331 EP 09 29 01.8 - 0.7</p> <p>DL 2 65.8 322 P 09 29 03.0 - 0.4</p> <p>CN 2 67.1 328 I PC 09 29 10.9 - 0.5</p> <p>GYA 69.7 304 P 09 29 27.8 0.3</p> <p>TIY 70.9 317 EP 09 29 35.0 0.2</p> <p>XAN 71.4 312 P 09 29 38.0 0.0</p> <p>KMI 72.4 301 PC 09 29 45.0 1.3</p> <p>CD 2 73.9 307 EP 09 29 53.0 0.6</p> <p>LZH 76.1 312 EP 09 30 06.5 1.5</p> <p>P_mZ 1.5 0.09</p> <p>GTA 80.4 313 I PC 09 30 29.6 1.1</p>								<p>MDJ 14.0 322 EP 09 33 09.5 - 0.1</p> <p>XP 09 33 24.0 1.8</p> <p>S 09 35 44.0 - 0.5</p> <p>LN Ms=5.7 14.0 38.6</p> <p>CN 2 15.8 312 PU 09 33 32.0 - 1.1</p> <p>P_mN 4.0 0.9</p> <p>P_mE 4.0 1.2</p> <p>P_mZ 4.0 1.7</p> <p>XP 09 33 47.0 1.2</p> <p>ES 09 36 24.0 - 2.9</p> <p>S_mN 6.0 2.9</p> <p>XS 09 36 37.0 - 1.8</p> <p>LN Ms=5.5 12.0 18.0</p> <p>SNY 16.0 304 I PU 09 33 38.0 1.2</p> <p>P_mZ 12.0 2.7</p> <p>AP 09 33 47.0 2.7</p> <p>IS 09 36 38.0 4.5</p> <p>LN Ms=5.5 12.0 11.9</p> <p>LE 15.0 13.8</p>							
<p>1984 9 21</p> <p>O=09 29 51.9 +/- 0.06 SEC</p> <p>LAT=34.01 N +/- 1.48 KM</p> <p>LONG=141.38 E +/- 1.22 KM</p> <p>DEPTH=35 KM +/- 0.42 KM</p> <p>M_s(CHINA)=5.7/35, M_sZ(NEIS)=5.7, mb(NEIS)=5.9</p> <p>STATIONS USED=105, STAND DEV=1.31 SEC</p>															

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			S _m E			10.0	4.1				PPP	09 37 45.0			
			LE		Ms=5.9	14.0	28.8				ES	09 41 17.5	- 4.6		
TIY	23.7	287	IPR	09 35 03.0	1.2						EXS	09 41 36.0	- 2.3		
			P _m Z			7.0	1.5				LN		Ms=5.6	13.0	4.6
			PP	09 35 34.0	- 0.4						LE			14.0	6.4
			PP _m Z			6.0	1.7	CD2	31.8	274	IPC	09 36 14.4	- 1.2		
			PPP	09 35 44.5							ES	09 41 19.0	- 3.4		
			IS	09 39 19.0	7.6						LE		Ms=6.1	14.0	30.9
			SCP	09 42 16.0	- 4.2			GTA	33.5	291	P	09 36 21.2	0.2		
			LN		Ms=5.7	13.0	11.4				P _m Z			5.0	0.6
			LE			11.5	13.6				PCP	09 39 12.6	2.1		
HHC	24.6	294	PR	09 35 13.0	2.9						S	09 41 51.4	1.4		
			AP	09 35 24.0	4.6						SCP	09 42 55.9	4.9		
			S	09 39 36.0	9.8						SCS	09 46 53.3	2.6		
			S _m N			11.0	2.4				LE		Ms=5.1	12.0	2.2
			S _m E			10.0	5.0	KMI	34.6	265	PC	09 36 39.0	- 1.1		
			LN		Ms=5.5	14.0	7.6				XP	09 36 51.0	- 2.9		
			LE			12.0	6.8				ES	09 42 04.0	- 2.5		
GZH	26.8	253	EP	09 35 33.0	1.6						I	09 42 12.0			
			PP	09 36 22.0	5.6						LE		Ms=6.0	14.0	21.7
			S	09 40 08.0	4.3			WMQ	42.2	299	IPC	09 37 45.0	1.0		
			LN		Ms=5.5	14.0	3.1				XP	09 38 01.5	3.5		
			LE			13.0	8.5				PP	09 39 22.0	- 3.0		
XAN	26.8	279	PC	09 35 30.2	- 1.3						PCP	09 39 33.5	- 3.9		
			EPCP	09 38 40.0	-13.3						S	09 44 05.5	3.3		
			ES	09 40 04.0	0.1						S _m N			3.0	1.0
			SCS	09 46 10.0	- 8.6						S _m E			3.0	0.9
			LN		Ms=6.1	15.0	12.2				SCS	09 47 45.0	5.0		
			LE			14.0	35.0				LN		Ms=5.7	12.0	5.4
LZH	30.7	284	EP	09 36 05.0	- 1.0						LE			13.0	3.0
			P _m Z			2.5	0.3								
			PP	09 37 10.0	3.6										
			S	09 41 04.0	- 1.4										
			S _m E			18.0	4.0								
			LE		Ms=6.2	15.0	37.1								
GYA	30.8	265	P	09 36 05.6	- 1.6										
			AP	09 36 20.0	3.4										
			PP	09 37 05.0	- 3.2										
			S	09 41 05.0	- 2.4										
			LN		Ms=6.0	13.0	6.9								
			LE			13.0	20.1								
QZN	31.8	250	EP	09 36 14.0	- 1.4										
			PP	09 37 28.0	7.5										
			PP _m N			9.0	1.1								
			PP _m Z			9.0	1.3								
			PP _m Z			9.0	1.3								

1984 9 21

O=21 29 00.9 +/- 0.05 SEC

LAT=6.25 S +/- 0.67 KM

LONG=130.23 E +/- 1.00 KM

DEPTH=167 KM +/- 0.31 KM

mb(NEIS)=4.7

STATIONS USED=15, STAND DEV=0.97 SEC

BJI 47.8 345 EP 21 37 23.0 - 1.0

GTA 53.4 330 P 21 38 05.8 - 0.6

WMQ 62.9 326 P 21 39 11.6 - 0.6

1984 9 22

O=00 50 52.9 +/- 0.08 SEC

LAT=24.56 S +/- 2.04 KM

LONG=175.62 W +/- 1.32 KM

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
<p>DEPTH=33 KM +/- 0.25 KM mb(NEIS)=4.9 STATIONS USED=30, STAND DEV=1.06 SEC</p>								<p>1984 9 22 O=09 10 30.7 +/- 0.08 SEC LAT=26.54 N +/- 1.31 KM LONG=92.20 E +/- 1.04 KM DEPTH=44 KM +/- 0.28 KM Ms(CHINA)=4.5/20, Msz(NEIS)=5.0, mb(NEIS)=5.2, ML(CHINA)=5.1/1 STATIONS USED=59, STAND DEV=1.38 SEC</p>								
NJ2	84.1	309	PD	01 03 22.8	- 0.1			BJI	89.7	314	EP	05 45 09.0	1.2			
MDJ	85.1	324	EP	01 03 27.3	- 0.3			GYA	90.1	298	P	05 45 11.6	2.0			
DL2	86.2	315	P	01 03 32.0	- 0.9						S	05 55 49.0	- 6.5			
WHN	86.6	305	EP	01 03 36.0	1.0			TIY	91.0	311	EP	05 45 14.6	0.5			
CN2	86.8	321	PC	01 03 35.2	- 1.0			XAN	91.8	306	P	05 45 18.0	0.5			
TIA	87.6	311	EP	01 03 39.2	- 0.7			KMI	92.7	296	EP	05 45 23.5	1.7			
GYA	90.5	298	EP	01 03 54.6	0.6			HHC	93.2	313	EP	05 45 25.0	1.1			
TIY	91.6	311	EP	01 03 59.0	0.1			BTO	94.1	312	EP	05 45 29.7	1.6			
XAN	92.3	306	EP	01 04 02.2	0.1			CD2	94.3	301	EP	05 45 30.7	1.7			
KMI	93.1	296	PD	01 04 06.5	0.5											
CD2	94.8	301	EP	01 04 13.8	0.3											
<p>1984 9 22 O=03 19 17.5 +/- 0.06 SEC LAT=36.49 N +/- 0.88 KM LONG=70.55 E +/- 0.79 KM DEPTH=215 KM +/- 0.29 KM mb(NEIS)=4.9 STATIONS USED=34, STAND DEV=1.00 SEC</p>																
CD2	28.1	91	EP	03 24 52.4	0.7			KMI	9.6	96	EP	09 12 49.5	- 0.1			
XAN	31.3	82	P	03 25 19.5	- 0.4						ES	09 14 38.0	0.4			
GYA	32.2	97	P	03 25 28.6	0.6						LG ₁	09 15 32.0	- 0.2			
NJ2	39.8	81	EP	03 26 31.1	- 0.8						LG ₂	09 15 56.0	8.5			
<p>1984 9 22 O=05 32 15.3 +/- 0.07 SEC LAT=23.92 S +/- 2.21 KM LONG=175.84 W +/- 1.81 KM DEPTH=70 KM +/- 0.96 KM mb(NEIS)=5.2 STATIONS USED=35, STAND DEV=1.21 SEC</p>								<p>CD2 11.0 64 EP 09 13 10.7 1.6 (S) 09 15 20.0 7.6 LG₂ 09 16 46.0 11.1 LN Ms=4.7 8.0 2.7</p>								
SSE	81.4	309	EP	05 44 26.0	- 0.8			GYA	13.0	87	P	09 13 34.4	- 0.6			
			SCS	05 54 46.0	0.8						S	09 15 52.0	- 6.9			
MDJ	84.4	324	EP	05 44 42.5	0.1			LZH	13.8	43	PD	09 13 44.0	- 1.6			
SNY	86.1	319	EP	05 44 50.0	- 0.5						P _m Z		1.5	0.2		
			ES	05 55 10.0	- 8.2						ES	09 16 27.0	8.8			
			LE			23.0	0.6				LE		Ms=4.6	11.0	2.2	
CN2	86.2	321	EP	05 44 50.2	- 0.9			GTA	14.3	24	P	09 13 50.7	- 2.3			
			P _m Z			4.0	0.4				S	09 16 25.5	- 6.1			
			ES	05 55 12.0	- 7.4						LE		Ms=4.4	9.0	1.1	
			S _m E			8.0	0.3		XAN	16.3	58	EP	09 14 16.6	- 1.1		
			LE			17.0	0.6				LG ₂	09 19 14.0	-12.8			
TIA	87.0	311	EP	05 44 55.4	0.2						LE		Ms=4.2	11.0	0.8	
								WMQ	17.6	349	P	09 14 35.0	0.1			
											S	09 17 56.0	- 2.1			
											S _m N		5.0	0.9		
											SS	09 18 13.0	3.9			
								QZN	17.9	111	EP	09 14 37.5	- 0.7			
											S	09 17 56.5	-12.0			
											I	09 18 07.5				

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			SS	09 18 23.0	7.2			STATIONS USED=32, STAND DEV=2.99 SEC								
			LN		Ms=4.1	13.0	0.4	NJ 2	39.3	344	EP	09 20 26.5	0.5			
			LE			14.0	0.6	GYA	39.6	325	P	09 20 28.4	0.3			
WHN	19.9	73	P	09 15 02.0	1.0			KMI	40.9	320	PC	09 20 40.0	0.5			
			ES	09 18 42.0	4.8			XAN	44.6	334	EP	09 21 08.0	- 1.5			
			LE		Ms=4.3	15.0	1.1	TIY	46.5	340	E(P)	09 21 22.6	- 1.9			
BTO	20.4	42	EP	09 15 06.0	- 0.5			BJI	47.6	345	EP	09 21 31.5	- 1.1			
			ES	09 18 49.0	1.3			LZH	48.7	331	EP	09 21 40.0	- 1.2			
			LN		Ms=4.6	12.0	1.3				P _m Z			1.5	0.05	
			LE			12.0	1.2	CN2	49.7	355	EP	09 21 46.2	- 2.7			
TIY	20.4	51	EP	09 15 05.8	- 1.0			MDJ	50.3	359	PD	09 21 52.5	- 1.2			
			S	09 18 48.0	- 0.1			GTA	53.2	330	IPC	09 22 15.4	- 0.4			
			LN		Ms=4.5	10.0	0.9	1984 9 22								
			LE			11.0	0.9	O=10 15 14.8			+/- 0.12 SEC					
HHC	21.5	43	EP	09 15 18.5	0.8			LAT=32.35 S			+/- 2.29 KM					
			S	09 19 08.0	- 0.4			LONG=178.21 W			+/- 2.87 KM					
			LN		Ms=4.5	12.0	1.1	DEPTH=32 KM			+/- 0.51 KM					
TIA	23.3	59	EP	09 15 36.7	0.9			Ms(CHINA)=5.1/2, Msz(NEIS)=5.2, mb(NEIS)=5.5								
			ES	09 19 50.0	8.3			STATIONS USED=39, STAND DEV=1.99 SEC								
			S _m E			8.0	0.6	NJ 2	87.4	310	EP	10 28 01.4	0.7			
			LE		Ms=4.2	10.0	0.4				ES	10 38 36.0	- 1.9			
NJ 2	23.9	70	PD	09 15 43.0	1.9			MDJ	90.1	325	EP	10 28 21.8	7.9			
			S	09 19 56.0	4.7			TIA	91.2	313	EP	10 28 17.6	- 1.1			
			LE		Ms=4.2	10.0	0.4	SNY	91.2	320	EP	10 28 17.0	- 1.8			
BJI	24.1	49	EP	09 15 45.5	2.5						ESKS	10 38 43.0	- 2.5			
			ES	09 20 03.0	8.4						LN		Ms=5.1	23.0	0.7	
			S _m E			6.5	0.3				LE			23.0	0.6	
			LN		Ms=4.4	11.0	0.6	CN2	91.6	322	PC	10 28 19.2	- 1.4			
			LE			11.0	0.3	GYA	92.4	299	P	10 28 25.4	1.0			
SSE	25.8	73	EP	09 16 00.0	0.6			XAN	95.1	307	EP	10 28 34.6	- 2.4			
			XS	09 20 35.0	- 7.1			1984 9 22								
			LE		Ms=4.6	14.0	1.3	O=11 43 15.2			+/- 0.12 SEC					
SNY	29.9	51	EP	09 16 37.4	0.5			LAT=32.31 S			+/- 2.87 KM					
CN2	31.9	48	P	09 16 54.7	0.1			LONG=178.20 W			+/- 3.53 KM					
			PCP	09 19 43.7	0.0			DEPTH=34 KM			+/- 0.72 KM					
			ES	09 22 01.0	- 0.6			Ms(CHINA)=5.1/3, Msz(NEIS)=5.5, mb(NEIS)=5.5								
			S _m E			6.0	0.3	STATIONS USED=49, STAND DEV=2.39 SEC								
			LE		Ms=4.6	15.0	0.9	NJ 2	87.4	310	PR	11 56 00.0	- 0.8			
MDJ	35.0	49	EP	09 17 21.0	- 0.2						S	12 06 34.0	- 3.6			
1984 9 22											WHN	89.4	307	EP	11 56 12.0	1.6
O=09 13 03.0											MDJ	90.1	325	EP	11 56 14.0	0.1
LAT=5.92 S											DL2	90.2	317	E(P)	11 56 16.0	1.5
LONG=130.41 E											TIA	91.1	313	EP	11 56 18.1	- 0.7
DEPTH=84 KM											SNY	91.1	320	EP	11 56 17.8	- 1.0
mb(NEIS)=5.1																

September



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Λ μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Λ μ
			ESKS	12 06 47.0	1.8						XS	18 21 26.0	- 0.5		
			ES	12 07 07.0	- 5.5						LN		15.0	1.9	
			LE		Ms=5.1	22.0	0.8				LE		15.0	1.9	
CN2	91.6	322	PC	11 56 19.0	- 1.7			SSE	28.1	311	IPU	18 16 19.0	- 1.0		
			P _m Z			4.0	0.3				P _m Z		1.2	0.2	
			EPP	11 59 55.0	- 5.1						AP	18 16 41.0	- 1.3		
			PP _m Z			5.0	0.3				XP	18 16 53.0	- 1.8		
			SKS	12 06 46.0	- 1.5						PP	18 17 13.0	- 1.0		
			ES	12 07 11.0	- 5.1						XS	18 21 34.0	- 1.5		
			S _m N			6.0	0.3				SCP	18 23 02.0	0.5		
			LN		Ms=5.0	16.0	0.5				LN		12.0	3.2	
GYA	92.3	299	P	11 56 24.4	- 0.1						LE		12.0	2.8	
			SKS	12 06 54.0	2.0			NJ2	30.3	311	IPU	18 16 39.0	- 0.5		
			S	12 07 15.0	- 8.3						P _m Z		5.0	1.7	
XAN	95.1	307	EP	11 56 37.6	0.5						AP	18 17 00.0	- 2.1		
CD2	97.0	302	(P)	11 56 33.0	-12.4						XP	18 17 11.0	- 3.6		
											PP	18 17 42.0	0.0		
											PCP	18 19 38.4	1.5		
											S	18 21 30.0	- 1.0		
											S _m E		18.0	3.0	
											SCP	18 23 11.0	2.6		
											LE		11.0	3.0	
								GZH	31.7	291	IPC	18 16 52.5	0.6		
											P _m Z		3.0	1.7	
											PP	18 18 00.0	- 0.1		
											S	18 21 52.5	- 0.9		
											XS	18 22 30.0	- 3.3		
											SCS	18 27 14.0	4.0		
											LN		11.0	1.6	
											LE		12.0	1.6	
								DL2	32.6	324	IPU	18 17 00.0	0.3		
											P _m N		4.0	1.7	
											P _m E		4.0	2.0	
											P _m Z		4.0	4.0	
											AP	18 17 22.0	- 0.5		
											XP	18 17 37.0	2.0		
											ES	18 22 18.0	10.8		
											XS	18 22 44.0	- 3.2		
											SCP	18 23 18.0	1.8		
											LN		12.0	2.7	
											LE		12.0	2.7	
								WHN	33.1	305	IPC	18 17 04.2	0.6		
											P _m Z		4.0	3.0	
											AP	18 17 28.0	1.5		
											XP	18 17 38.0	- 0.9		
											S	18 22 16.0	1.8		

1984 9 22

O=17 06 11.5 +/- 0.07 SEC

LAT=33.87 N +/- 1.66 KM

LONG=141.59 E +/- 1.59 KM

DEPTH=34 KM +/- 0.55 KM

mb(NEIS)=5.1

STATIONS USED=28. STAND DEV=1.32 SEC

MDJ	14.2	322	EP	17 09 31.0	- 1.2		
CN2	16.0	313	EP	17 09 55.6	- 0.1		
WHN	23.3	269	EP	17 11 18.4	1.3		
BTO	25.9	294	EP	17 11 42.9	0.0		
XAN	27.0	279	P	17 11 52.0	- 1.1		
GYA	31.0	265	P	17 12 27.2	- 1.2		
CD2	32.0	275	EP	17 12 35.5	- 1.6		
GTA	33.7	291	EP	17 12 52.7	0.1		
WMQ	42.5	299	E(P)	17 14 06.6	1.0		

1984 9 22

O=18 10 35.2 +/- 0.09 SEC

LAT=13.86 N +/- 1.24 KM

LONG=145.45 E +/- 1.41 KM

DEPTH=103 KM +/- 0.77 KM

mb(NEIS)=5.9

STATIONS USED=118. STAND DEV=1.27 SEC

QZH	27.6	297	IPU	18 16 14.0	- 0.9		
			P _m Z			7.0	2.4
			AP	18 16 36.0	- 1.2		
			XP	18 16 47.0	- 2.8		
			S	18 20 46.0	- 1.3		



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
NJ2	13.6	352	LN		Ms=4.7	15.0	4.2	DL2	20.4	1	P	21 23 33.0	0.2		
			PR	21 22 10.0	- 0.5		P _m Z						5.0	0.7	
			P _m Z			7.5	1.0				XP	21 23 49.0	- 0.7		
			XP	21 22 25.0	- 0.7		S				21 27 15.0	1.4			
			SS	21 24 52.5	- 4.5		S _m N						8.0	1.9	
GYA	15.4	303	LN		Ms=5.2	16.0	14.2				S _m E			8.0	6.1
			LE			13.0	4.4	XS	21 27 33.0	3.3					
			PR	21 22 32.5	- 1.3		SS	21 27 49.0	5.6						
			P _m N			6.0	2.7	LN		Ms=5.3	15.0	5.9			
			P _m E			6.0	3.9	LE			15.0	7.4			
TIA	18.0	349	P _m Z			6.0	4.5	TIY	20.6	340	P	21 23 36.0	0.9		
			XP	21 22 47.0	- 2.0		PP				21 23 58.0	1.5			
			S	21 25 22.0	- 1.7		PP _m Z						7.0	2.4	
			LN		Ms=5.3	12.0	5.4				PPP	21 24 09.0			
			LE			12.0	11.0				IS	21 27 24.5	6.7		
KMI	18.2	294	PC	21 23 08.5	2.6					S _m E			10.0	6.3	
			P _m N			7.0	5.2	XS	21 28 10.0	35.4					
			P _m E			7.0	1.4	LN		Ms=5.2	13.0	6.6			
			P _m Z			7.0	4.8	(P)	21 23 48.0	- 0.3					
			XP	21 23 23.0	1.3		P _m N			6.0	1.7				
XAN	18.9	327	ES	21 26 34.0	- 3.6					P _m Z			6.0	1.8	
			S _m N			8.0	5.3	EPP	21 24 15.0	1.3					
			S _m E			11.0	7.9	ES	21 27 38.0	- 4.4					
			XS	21 26 52.0	0.0		I	21 27 50.0							
			LN		Ms=5.3	17.0	13.1	LN		Ms=5.2	14.0	6.4			
CD2	19.9	311	LE			14.5	4.4	LZH	23.2	322	FD	21 24 02.5	1.4		
			PD	21 23 08.5	0.1		P _m Z						2.0	0.7	
			P _m Z			6.0	7.1				XP	21 24 15.0	- 3.1		
			AP	21 23 20.0	2.5		IS				21 28 13.0	7.2			
			ES	21 26 21.0	- 18.9		S _m N						10.0	13.8	
XAN	18.9	327	I	21 26 38.0						LN		Ms=5.4	16.0	10.9	
			LE		Ms=5.6	15.0	22.8	S _m N			9.0	5.4			
			IPD	21 23 16.4	- 0.3		S _m E			10.5	3.8				
			P _m Z			7.5	5.2	LE		Ms=5.3	14.0	7.1			
			XP	21 23 31.0	- 1.6		HHC	23.7	342	EP	21 24 09.0	2.6			
CD2	19.9	311	S	21 26 44.0	- 0.3					S	21 28 18.0	2.7			
			S _m N			11.0	5.6	LN		Ms=5.7	10.0	9.7			
			S _m E			10.0	10.5	LE			7.0	6.3			
			LN		Ms=5.3	13.0	7.2	BTO	24.0	339	I PR	21 24 11.0	2.1		
			LE			19.8	11.7	AP	21 24 22.0	1.8					
CD2	19.9	311	P	21 23 28.0	- 0.3					PP	21 24 48.0	5.2			
			P _m Z			6.0	4.7	IS	21 28 25.0	5.1					
			XP	21 23 42.5	- 2.4		LN		Ms=5.3	11.0	4.9				
			IS	21 27 07.5	2.5										
			S _m N			6.0	2.8								

September

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE			11.0	2.9				P _m Z			10.0	1.8
CN2	25.5	7	PC	21 24 23.2	- 0.5						PP	22 00 17.0	6.1		
			P _m Z			4.0	0.9				PP _m Z			11.0	1.7
			AP	21 24 35.0	- 0.1						ESKS	22 07 11.0	2.8		
			PP	21 25 01.0	- 2.0						S	22 07 23.0	4.2		
			PP _m Z			4.0	1.0				S _m N			13.0	2.5
			ES	21 28 43.0	- 2.7						S _m E			13.0	2.2
			S _m N			9.0	1.6				SS	22 13 15.0	18.6		
			XS	21 28 59.0	- 6.2						LN	Ms=5.6		15.0	1.2
			SCS	21 35 17.0	1.2						LE			17.0	1.5
			LE	Ms=5.1		13.0	3.9			NJ2	87.2	310	PU	22 57 00.0	0.1
MDJ	27.0	13	EP	21 24 37.5	- 0.2						P _m Z			7.0	2.2
			AP	21 24 49.5	0.3						S	22 07 29.0	- 5.6		
			S	21 29 13.0	2.4						S _m N			10.0	2.4
			LE	Ms=5.2		15.0	4.6				S _m E			9.0	2.2
GTA	27.8	323	EP	21 24 44.8	0.3						LN	Ms=5.5		17.0	1.8
			S	21 29 25.5	2.9					WHN	89.2	307	P	21 57 09.0	- 0.5
			LE	Ms=5.1		12.0	3.2				P _m Z			5.0	1.6
WMQ	37.7	319	EP	21 26 12.4	2.0						ESKS	22 07 31.0	- 0.6		
			PP	21 27 38.3	- 0.7						S	22 07 56.0	2.6		
			S	21 32 00.0	3.0						S _m N			10.0	1.7
			S _m N			8.0	1.9				I	22 08 05.0			
											LN	Ms=5.7		20.0	3.1
										MDJ	89.9	325	EP	21 57 12.0	- 0.8
											S	22 07 43.0	- 16.8		
											LN	Ms=5.7		18.0	2.8
										DL2	90.0	317	P	21 57 12.0	- 1.5
											SKS	22 07 38.0	- 1.2		
											ES	22 08 01.0	- 0.1		
											LN	Ms=5.6		16.0	1.9
										SNY	91.0	320	EP	21 57 17.1	- 0.7
											SKS	22 07 45.0	2.9		
											S	22 08 12.0	2.7		
											S _m N			16.0	4.4
											S _m E			14.0	1.2
											LE	Ms=5.7		22.0	3.0
										TIA	91.0	313	EP	21 57 17.8	0.0
											FPP	22 00 51.0	- 3.4		
											SKS	22 07 50.0	7.8		
											S	22 08 17.0	7.6		
											S _m N			12.0	3.0
											S _m E			12.0	2.7
											SS	22 14 24.0	9.2		
											LN	Ms=5.9		20.0	3.1
											LE			20.0	3.0
										CN2	91.3	322	PC	21 57 18.7	- 0.9

1984 9 22

O=21 44 16.9 +/- 0.08 SEC

LAT=32.07 S +/- 1.95 KM

LONG=178.22 W +/- 2.17 KM

DEPTH=49 KM +/- 0.66 KM

Ms(CHINA)=5.7/18, Msz(NE IS)=6.3, mb(NE IS)=5.5

STATIONS USED=59, STAND DEV=1.38 SEC

QZH	82.8	305	IPU	21 56 38.0	0.2		
			PP	21 59 50.5	1.6		
			IS	22 06 58.0	6.8		
			S _m N			11.0	3.3
			S _m E			11.0	4.1
			LN	Ms=5.5		12.0	0.8
			LE			13.0	0.9
SSE	85.1	311	EP	21 56 48.0	- 1.5		
			XP	21 57 16.0	7.4		
			IS	22 07 16.0	1.9		
			S _m N			10.0	1.8
			S _m E			12.0	2.4
			SS	22 12 59.0	9.8		
			LN	Ms=5.5		16.0	1.7
QZN	85.5	295	P	21 56 51.0	- 0.8		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIA	38.9	340	EP	14 41 26.7	- 2.0						S	17 23 27.5	-13.4		
XAN	40.5	329	PD	14 41 40.0	- 1.7						S _m N			32.0	2.1
CD2	41.0	321	EP	14 41 45.6	- 0.8						S _m E			30.0	2.0
TIY	41.9	336	EP	14 41 52.5	- 1.4						ESS	17 27 18.0	- 4.1		
SNY	42.7	350	EP	14 42 01.6	2.0						LN	Ms=5.6		21.0	4.2
			ES	14 48 19.0	- 0.6						LE			19.0	2.6
			LE			20.0	0.3	BTO	55.6	293	IPU	17 16 11.0	0.1		
CN2	44.3	353	EP	14 42 12.6	- 0.6						S	17 23 50.0	- 3.5		
LZH	44.7	327	EP	14 42 16.0	- 0.4						LN	Ms=5.6		17.0	2.5
MDJ	44.8	357	EP	14 42 16.5	- 0.6						LE			17.0	3.3
GTA	49.3	327	P	14 42 51.2	- 1.3			SSE	56.0	277	PU	17 16 14.0	0.6		
WMQ	59.1	323	P	14 44 02.7	- 1.3						P _m Z			1.0	0.1
											PS	17 24 21.0			
											LN	Ms=5.1		26.0	2.3
								TIY	56.3	289	EP	17 16 16.5	0.7		
											S	17 24 08.0	5.4		
											LN	Ms=5.6		19.0	4.4
											LE			18.0	2.5
								NJ2	56.6	279	PU	17 16 17.0	- 1.3		
											S	17 24 05.0	- 2.0		
											LN	Ms=5.1		16.0	1.2
								WHN	60.4	282	P	17 16 44.6	0.3		
											S	17 25 00.0	4.4		
											S _m N			7.0	0.5
											LN	Ms=5.2		14.0	1.2
								XAN	60.9	288	PC	17 16 47.5	- 0.5		
											I	17 17 07.5			
											PP	17 19 04.0	0.4		
											ES	17 24 58.0	- 4.7		
											LN	Ms=5.8		20.0	2.9
											LE			19.0	3.0
								GTA	61.9	298	IPC	17 16 54.3	- 0.5		
											S	17 25 14.0	- 1.5		
											LE	Ms=5.6		16.0	3.4
								QZH	62.1	274	EP	17 16 55.0	- 0.6		
											S	17 25 13.0	- 4.0		
											S _m E			8.0	0.2
											LE	Ms=5.1		16.0	1.0
								LZH	62.2	293	PC	17 16 56.5	- 0.4		
											P _m Z			1.0	0.2
											LN	Ms=5.9		22.0	3.3
											LE			22.0	8.0
								WMQ	64.5	309	P	17 17 11.5	- 0.3		
											ES	17 25 50.0	2.3		
								CD2	66.1	289	P	17 17 23.0	0.6		
											AP	17 17 40.0	8.3		

1984 9 23

O = 17 06 35.2 +/- 0.14 SEC
 LAT = 53.73 N +/- 4.08 KM
 LONG = 165.50 W +/- 2.17 KM
 DEPTH = 32 KM +/- 0.32 KM

Ms(CHINA) = 5.4/27, Msz(NEIS) = 5.5, mb(NEIS) = 5.7,
 STATIONS USED = 112, STAND DEV = 2.15 SEC

MDJ	42.0	284	EP	17 14 25.5	- 0.3		
CN2	44.9	286	IPC	17 14 48.2	- 0.8		
			P _m Z			7.0	0.6
			PP	17 16 34.8	0.0		
			PP _m Z			7.0	0.6
			ES	17 21 18.0	- 6.5		
			ESS	17 24 36.0	- 1.5		
			LN	Ms=5.3		17.0	2.8
SNY	47.2	285	EP	17 15 08.2	0.9		
			S	17 21 58.0	0.6		
			SS	17 25 21.0	3.8		
			LN	Ms=5.5		20.0	4.1
			LE			22.0	3.5
DL2	50.2	284	P	17 15 31.8	0.9		
			ES	17 22 37.5	- 2.6		
			LN	Ms=5.3		18.0	1.8
			LE			18.0	2.3
BJI	52.6	288	PR	17 16 49.5	1.0		
			ES	17 23 14.0	1.7		
			LN	Ms=5.6		18.0	3.0
			LE			19.0	3.5
HHC	54.6	292	P	17 16 04.0	0.4		
			ES	17 23 44.0	4.2		
			LN	Ms=5.4		20.0	3.3
TIA	54.7	284	P	17 16 03.5	- 0.6		
			P			18.0	0.7

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
GTA	32.5	282	P	23 15 32.8	- 0.1						LN		Ms=4.6	25.0	0.2	
			LE		Ms=4.4	17.0	0.7				LE			25.0	0.2	
CD2	32.5	265	EP	23 15 32.5	- 0.5			CN2	91.7	322	PC	15 05 21.0	- 1.2			
GYA	32.5	256	P	23 15 33.4	0.0			1984 9 24								
QZN	34.9	242	EP	23 15 58.0	4.4			O=15 45 04.1	+/-	0.08 SEC						
KMI	36.2	257	PC	23 16 05.0	0.0			LAT=36.40 N	+/-	0.82 KM						
			AP	23 16 26.5	6.2			LONG=71.10 E	+/-	0.89 KM						
			ES	23 21 43.0	2.6			DEPTH=147 KM	+/-	0.55 KM						
WMQ	40.2	293	PC	23 16 39.0	0.9			mb(NEIS)=4.4								
1984 9 24								STATIONS USED=16, STAND DEV=1.35 SEC								
O=02 04 40.1	+/-	0.10 SEC						KSH	4.9	50	P	15 46 19.0	1.5			
LAT=23.85 S	+/-	2.50 KM						WMQ	14.7	54	EP	15 48 27.0	1.0			
LONG=175.74 W	+/-	2.00 KM						LSA	18.1	105	P	15 49 08.0	0.4			
DEPTH=35 KM	+/-	0.42 KM						GTA	22.8	73	IPC	15 49 52.0	- 3.3			
mb(NEIS)=5.0								1984 9 24								
STATIONS USED=23, STAND DEV=1.45 SEC								O=16 04 41.7	+/-	0.15 SEC						
MDJ	84.4	324	EP	02 17 12.0	0.7			LAT=49.45 N	+/-	3.15 KM						
CN2	86.2	321	EP	02 17 19.6	- 0.4			LONG=157.42 E	+/-	1.87 KM						
TIA	87.1	311	P	02 17 24.3	0.2			DEPTH=46 KM	+/-	0.23 KM						
TIY	91.1	311	EP	02 17 43.0	- 0.2			Msz(NEIS)=4.8, mb(NEIS)=5.1								
XAN	91.8	306	EP	02 17 46.4	- 0.2			STATIONS USED=61, STAND DEV=1.51 SEC								
KMI	92.7	296	PC	02 17 52.0	1.0			MDJ	19.5	266	EP	16 09 06.0	- 2.1			
CN2	94.3	301	EP	02 18 00.6	2.4			CN2	22.6	267	EP	16 09 36.0	- 3.3			
1984 9 24											ES	16 13 31.0	- 8.1			
O=14 52 17.7	+/-	0.12 SEC									LN			13.0	0.5	
LAT=32.16 S	+/-	2.17 KM						SNY	24.7	264	EP	16 09 57.5	- 2.6			
LONG=177.73 W	+/-	2.41 KM						BJI	30.4	267	EP	16 10 53.0	0.6			
DEPTH=47 KM	+/-	0.71 KM						TIA	32.0	260	EP	16 11 05.5	- 0.6			
Msz(CHINA)=4.7/2, Msz(NEIS)=5.2, mb(NEIS)=5.2								HHC	33.0	272	EP	16 11 14.2	- 1.0			
STATIONS USED=30, STAND DEV=2.05 SEC								NJ2	33.5	253	EP	16 11 20.0	0.4			
QZH	83.1	304	EP	15 04 39.0	- 1.9			TIY	34.1	267	EP	16 11 25.2	0.3			
			ES	15 14 58.0	1.6			WHN	37.4	255	EP	16 11 54.3	2.0			
			S _m E			10.0	0.8	XAN	38.6	265	EP	16 12 03.0	0.3			
NJ2	87.6	310	EP	15 04 57.5	- 5.3			GTA	41.4	278	P	16 12 26.6	0.7			
MDJ	90.2	325	EP	15 05 15.9	0.6						LE			16.0	0.6	
SNY	91.3	320	EP	15 05 18.0	- 2.4			CD2	44.0	265	P	16 12 48.4	1.7			
			SKS	15 15 51.0	5.6			GYA	45.1	258	P	16 12 58.2	2.4			
			I	15 16 25.0				WMQ	46.6	290	EP	16 13 08.0	0.0			
			LN			Ms=4.9	21.0	0.5	QZN	48.5	248	EP	16 13 24.8	2.1		
TIA	91.3	312	EP	15 05 21.2	0.6			KMI	48.6	260	EP	16 13 25.0	2.0			
			SKS	15 15 53.5	7.8						AP	16 13 37.0	2.0			
			S _m N				11.0	0.3			XP	16 13 44.0	3.5			
			S _m E				11.0	0.2			ES	16 20 29.0	8.3			
			XS	15 16 26.0	- 9.9											

September

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
1984 9 24								1984 9 24							
O=16 24 09.7 +/- 0.66 SEC								O=19 57 01.4 +/- 0.10 SEC							
LAT=24.44 N +/- 6.23 KM								LAT=35.52 N +/- 2.75 KM							
LONG=122.18 E +/- 7.15 KM								LONG=142.14 E +/- 2.18 KM							
DEPTH=22 KM +/- 2.52 KM								DEPTH=52 KM +/- 1.90 KM							
Ms(CHINA)=3.9/6, mb(NEIS)=4.4, ML(CHINA)=3.8/3								Ms(CHINA)=4.2/5, mb(NEIS)=4.5							
STATIONS USED=20, STAND DEV=3.94 SEC								STATIONS USED=31, STAND DEV=1.97 SEC							
QZH	3.3	279	PNC	16 24 57.8	- 3.6			MDJ	13.2	317	EP	20 00 07.5	- 1.1		
			SN	16 25 35.0	- 5.6			CN2	15.3	307	EP	20 00 36.6	1.2		
			S _m N		ML=3.7	0.6	0.3				ES	20 03 23.0	- 0.5		
			S _m E			0.6	0.2				LE		Ms=4.2	12.0	0.9
SSE	6.7	352	RND	16 25 47.2	- 2.1			SNY	15.8	299	EP	20 00 39.8	- 2.3		
			P _m Z			0.8	0.05				LN		Ms=4.1	12.0	0.4
			LG	16 27 54.5							LE			14.0	0.8
			LN		Ms=3.9	12.0	1.0	TIA	20.3	279	EP	20 01 33.4	- 2.2		
NJ2	8.1	339	EP	16 26 05.0	- 4.4						ES	20 04 56.5	-18.8		
			ES	16 27 40.0	- 1.7						LN		Ms=4.2	12.5	0.5
			LG ₂	16 28 30.0	- 7.8						LE			12.5	0.4
			LN		Ms=3.9	12.0	1.1	WHN	23.8	265	EP	20 02 12.4	1.9		
GZH	8.2	262	EP	16 26 11.8	1.2			HHC	24.5	291	E(P)	20 02 16.0	- 2.0		
			S	16 27 45.0	1.2			BTO	25.7	291	EP	20 02 29.5	0.4		
			LN			4.0	1.2	XAN	27.3	276	P	20 02 43.0	- 0.3		
			LE			3.0	0.6	GYA	31.6	263	P	20 03 23.0	1.0		
QZN	12.7	247	EP	16 27 13.6	1.9			CD2	32.3	272	EP	20 03 27.9	- 0.2		
GYA	14.2	261	P	16 27 40.0	8.4			GTA	33.6	289	P	20 03 39.7	0.3		
XAN	15.0	312	EP	16 27 47.8	5.3						LE		Ms=4.2	11.6	0.3
			LG ₁	16 32 12.0	11.2			KMI	35.4	263	EP	20 03 54.5	- 0.1		
BJI	16.4	343	(P)	16 28 07.5	7.7			WMQ	42.1	298	EP	20 04 51.8	1.5		
			LN		Ms=3.8	12.0	0.3	1984 9 24							
CD2	17.5	295	EP	16 28 13.4	- 1.4			O=20 20 51.4 +/- 0.22 SEC							
HHC	18.6	334	EP	16 28 27.9	- 0.3			LAT=31.59 N +/- 2.01 KM							
CN2	19.5	7	EP	16 28 37.6	- 0.8			LONG=117.52 E +/- 2.63 KM							
			EXS	16 32 18.0	- 3.7			DEPTH=15 KM +/- 0.03 KM							
			LN		Ms=4.1	12.0	0.6	Ms(CHINA)=4.2/4, ML(CHINA)=4.2/16							
1984 9 24								STATIONS USED=25, STAND DEV=3.86 SEC							
O=16 24 47.9 +/- 0.06 SEC								NJ2 1.2 67 IPGC 20 21 15.1 1.2							
LAT=16.50 S +/- 1.62 KM								SG 20 21 32.5 2.4							
LONG=172.42 W +/- 1.73 KM								S _m N ML=4.3 0.5 6.4							
DEPTH=35 KM +/- 0.12 KM								S _m E 0.5 4.0							
Ms(CHINA)=5.0/1, mb(NEIS)=4.8								WHN 2.9 249 EPN 20 21 38.0 - 0.3							
STATIONS USED=15, STAND DEV=1.14 SEC								PG 20 21 44.2 - 0.3							
CN2	82.5	319	EP	16 37 10.2	0.8			SG 20 22 22.0 - 0.7							
BJI	86.9	313	EP	16 37 32.0	0.7			LN Ms=4.5 8.0 9.0							
			LN		Ms=5.0	11.0	0.3	SSE 3.2 98 PN 20 21 42.0 - 0.2							
								PG 20 21 52.2 2.8							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			SN	20 22 22.2	1.7			GTA	40.8	328	EP	22 33 38.6	- 1.0		
			SG	20 22 33.2	2.1										
			S _m N	ML = 4.1		0.4	0.9	1984 9 24							
			S _m E			0.4	0.4	O = 23 17 34.4 +/- 0.11 SEC							
TIA	4.6	356	EPN	20 22 03.3	0.7			LAT = 33.97 N +/- 3.13 KM							
			SG	20 23 14.3	- 1.8			LONG = 141.38 E +/- 1.99 KM							
			S _m N	ML = 4.0		0.4	0.1	DEPTH = 43 KM +/- 0.96 KM							
			S _m E			0.4	0.3	Ms(CHINA) = 4.1/8, Msz(NEIS) = 4.9, mb(NEIS) = 5.3							
QZH	6.7	171	EPN	20 22 28.5	- 3.4			STATIONS USED = 63, STAND DEV = 2.18 SEC							
			ESN	20 23 45.0	- 4.0			MDJ	14.0	322	EP	23 20 50.0	- 2.2		
			LN	Ms = 4.2		6.0	1.3	CN2	15.8	313	PC	23 21 15.4	- 0.2		
TIY	7.4	326	EPN	20 22 42.6	0.6						ES	23 24 09.0	- 0.5		
			PG	20 23 09.6	3.3						LN	Ms = 4.1		14.0	0.9
			(LG)	20 24 41.0				SNY	16.1	304	EP	23 21 21.5	2.3		
			S _m N	ML = 4.1		1.0	0.06				ES	23 24 17.0	1.0		
			S _m E			1.0	0.07				LE	Ms = 4.8		20.0	0.6
XAN	7.6	290	PNC	20 22 42.4	- 2.8			SSE	17.3	265	E(P)	23 21 33.0	- 1.2		
			PG	20 23 08.6	- 2.0						XS	23 24 56.0	- 5.5		
			SG	20 24 48.8	- 1.8						LE	Ms = 4.2		12.0	0.9
			S _m N	ML = 4.2		1.0	0.08	NJ2	19.0	270	EP	23 21 54.0	- 1.3		
			S _m E			0.8	0.09				SS	23 25 44.0	- 2.9		
BJI	8.5	353	EP	20 22 53.0	- 4.2						LN	Ms = 4.1		11.0	0.5
			LG	20 25 21.0				TIA	20.0	283	EP	23 22 05.8	- 0.3		
GZH	9.2	204	EP	20 23 20.0	12.5						ES	23 25 45.5	2.0		
			I	20 25 14.5							LN	Ms = 4.2		13.0	0.3
			LN			0.7	0.07				LE			16.3	0.8
			LE			1.0	0.1	BJI	21.0	294	EP	23 22 15.0	- 1.7		
GYA	10.8	244	P	20 23 37.2	8.3						(S)	23 26 03.0	- 0.3		
CD2	11.8	270	EP	20 23 45.0	2.4						LE	Ms = 4.9		10.0	0.3
CN2	13.7	24	EP	20 24 15.0	7.1			WHN	23.1	268	EP	23 22 38.4	0.9		
KMI	14.5	247	EP	20 24 17.0	- 1.8			TIY	23.7	287	EP	23 22 45.4	1.7		
			ES	20 26 52.0	- 9.0						LN	Ms = 4.1		15.0	0.4
			LN	Ms = 4.0		6.0	0.3	HHC	24.6	294	PD	23 22 54.8	2.6		
GTA	16.4	303	EP	20 24 42.7	- 0.2			BTO	25.7	294	EP	23 23 04.7	1.7		
								XAN	26.9	279	EP	23 23 12.6	- 0.8		
								LZH	30.7	284	EP	23 23 48.0	0.1		
								GYA	30.8	265	P	23 23 48.6	- 0.4		
								CD2	31.8	275	EP	23 23 56.7	- 0.8		
								KMI	34.6	265	EP	23 24 09.0	- 12.9		
								WMQ	42.3	299	IPD	23 25 27.5	1.6		
								1984 9 25							
								O = 01 57 29.0 +/- 0.10 SEC							
								LAT = 10.59 S +/- 9.19 KM							
								LONG = 166.28 E +/- 10.43 KM							
								DEPTH = 26 KM +/- 3.66 KM							
QZN	20.5	310	P	22 30 37.9	1.4										
NJ2	26.7	346	EP	22 31 40.5	2.9										
XAN	32.1	332	EP	22 32 22.6	- 3.0										
BJI	35.0	346	EP	22 32 49.0	- 1.6										
HHC	37.0	341	EP	22 33 09.4	1.6										

September

STA	Δ	AZ	PHASE	UTC	RESID	T	A	STA.	Δ	AZ	PHASE	UTC	RESID	T	A
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
Ms(CHINA)=4.8/1, Msz(NEIS)=5.0, mb(NEIS)=5.1 STATIONS USED=33, STAND DEV=1.14 SEC															
SSE	59.9	315	PC	02 07 35.2	- 0.5			CD2	17.8	296	EP	03 09 03.0	5.8		
			P _m Z			1.0	0.02	KMI	17.8	277	PD	03 08 50.0	- 7.5		
NJ2	62.1	314	PR	02 07 50.0	- 0.4			1984 9 25 O=03 07 11.3 +/- 0.10 SEC LAT=22.26 S +/- 1.08 KM LONG=179.48 W +/- 0.98 KM DEPTH=578 KM +/- 1.46 KM mb(NEIS)=5.2 STATIONS USED=62, STAND DEV=1.08 SEC							
MDJ	64.2	331	EP	02 08 03.7	- 0.8			GZH	79.4	300	P	03 18 22.0	1.6		
DL2	64.4	322	EP	02 08 05.5	- 0.5			NJ2	80.0	310	PC	03 18 23.8	0.5		
WHN	64.5	311	EP	02 08 06.3	0.0						S	03 27 42.0	1.3		
SNY	65.2	326	EP	02 08 10.6	- 0.6			MDJ	81.2	325	PC	03 18 30.0	0.4		
CN2	65.6	328	PR	02 08 12.0	- 1.7			WHN	82.4	307	EP	03 18 36.8	1.1		
			P _m Z			3.0	0.3	SNY	82.7	320	PC	03 18 36.8	- 0.4		
			ES	02 16 50.0	- 6.6			CN2	82.9	323	IPC	03 18 37.7	- 0.4		
			LN	Ms=4.8		14.0	0.4				P _m Z			3.0	0.4
TIA	65.6	317	EP	02 08 12.4	- 1.3						ES	03 28 10.0	0.4		
BJI	68.5	320	EP	02 08 31.0	- 0.6			TIA	83.5	313	PC	03 18 41.3	0.2		
GYA	68.6	303	P	02 08 33.0	0.4			BJI	86.2	316	EP	03 18 54.0	- 0.3		
TIY	69.6	316	P	02 08 39.0	0.4			TIY	87.4	312	EP	03 19 00.8	0.5		
XAN	70.2	311	PD	02 08 42.1	- 0.3			XAN	88.1	307	IPC	03 19 04.0	0.6		
KMI	71.3	301	EP	02 08 50.5	1.1			KMI	88.9	297	RD	03 19 09.0	1.5		
HHC	71.8	319	PC	02 08 52.8	0.5						S	03 29 10.0	3.6		
BTO	72.7	318	IPR	02 08 57.5	0.1						P _m Z			1.5	0.1
CD2	72.7	307	EP	02 08 57.9	0.2			CD2	90.6	303	EP	03 19 15.8	0.9		
			P _m Z			1.2	0.08	GTA	97.0	309	P	03 19 44.5	0.2		
LZH	74.8	311	PD	02 09 10.5	0.5			1984 9 25 O=04 29 09.0 +/- 0.08 SEC LAT=10.63 S +/- 1.30 KM LONG=166.51 E +/- 1.28 KM DEPTH=64 KM +/- 0.44 KM Ms(CHINA)=4.9/14, mb(NEIS)=5.4 STATIONS USED=85, STAND DEV=1.03 SEC							
			P _m Z			1.5	0.4	QZH	58.6	307	EP	04 39 02.1	0.0		
GTA	79.1	313	IPD	02 09 34.6	0.6						ES	04 47 05.0	5.1		
WMQ	89.1	314	P	02 10 23.7	- 0.9						S _m N			7.0	0.3
1984 9 25 O=03 04 50.2 +/- 1.04 SEC LAT=24.03 N +/- 6.79 KM LONG=122.26 E +/- 8.57 KM DEPTH=31 KM +/- 0.71 KM Ms(CHINA)=3.5/2, ML(CHINA)=3.8/3 STATIONS USED=10, STAND DEV=3.18 SEC															
SSE	7.1	352	EP	03 06 35.0	0.3						LN	Ms=4.7		14.0	0.4
			LG	03 08 31.8				SSE	60.1	315	EP	04 39 12.0	- 0.5		
			LN			1.0	0.03				P _m Z			1.2	0.07
			LE			1.0	0.05				I	04 47 32.0			
GZH	8.2	265	EP	03 06 52.0	1.6						SS	04 51 12.0	- 4.1		
			ES	03 08 19.5	- 3.8						LN	Ms=5.0		16.0	0.9
			LN			1.0	0.07								
			LE			1.0	0.04								
NJ2	8.5	340	EP	03 06 54.5	- 0.2										
			ES	03 08 22.0	- 9.0										
			LN	Ms=3.5		10.0	0.2								

September

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			PG	21 15 00.4	- 0.5						S	01 44 52.0	- 0.7			
			SG	21 15 49.6	0.1						SS	01 45 07.0	- 0.9			
			S _m N		ML=3.2	0.3	0.06				LE		Ms=4.7	15.0	4.1	
			S _m E			0.3	0.05	GZH	14.2	322	EP	01 42 41.7	9.0			
XAN	4.5	153	EPN	21 15 01.0	- 1.8						XS	01 45 30.0	9.4			
			PG	21 15 15.0	- 0.3						LN		Ms=4.9	14.0	5.3	
			SG	21 16 10.8	- 3.5						LE			14.0	3.8	
			S _m N		ML=3.2	0.8	0.05	QZN	14.2	301	EP	01 42 32.8	- 0.5			
			S _m E			0.4	0.03				PP	01 42 42.0	- 2.7			
TIY	4.7	92	PG	21 15 20.4	1.1						XP	01 42 40.0	- 4.7			
			SG	21 16 16.0	- 5.2						S	01 45 10.0	- 1.1			
			S _m N		ML=4.2	0.4	0.3				LN		Ms=4.9	16.0	5.0	
			S _m E			0.5	0.3				LE			18.0	6.0	
HHC	4.8	53	EPN	21 15 05.8	- 1.3			SSE	19.0	356	I PU	01 43 34.0	- 0.6			
GTA	5.4	286	PN	21 15 12.0	- 3.2						P _m Z			1.0	0.06	
			PG	21 15 26.2	- 4.9						XP	01 43 44.0	- 2.3			
			SN	21 16 15.2	- 2.7						EPP	01 43 54.0	3.2			
			SG	21 16 37.7	- 3.8						ES	01 47 05.0	2.4			
			S _m N		ML=3.6	0.8	0.05				S _m E			16.0	3.2	
			S _m E			0.8	0.07				XS	01 47 12.0	- 1.9			
CD2	7.5	198	PG	21 16 00.8	- 9.2						SS	01 47 24.0	- 3.5			
BJI	7.8	72	EPG	21 16 14.0	- 1.2						LE		Ms=4.7	14.0	2.9	
1984 9 26											WHN	20.0	338	P	01 43 46.4	1.2
O=00 20 29.3			+/-	0.08 SEC							XP	01 43 58.0	0.7			
LAT=2.60 N			+/-	0.88 KM							PP	01 44 04.0	- 0.1			
LONG=126.96 E			+/-	1.14 KM							PPP	01 44 15.0				
DEPTH=105 KM			+/-	0.72 KM							S	01 47 30.5	6.8			
mb(NEIS)=5.0											S _m N			9.0	2.3	
STATIONS USED=17, STAND DEV=1.34 SEC											XS	01 47 44.0	8.8			
XAN	35.5	333	EP	00 27 17.0	- 1.4						LN		Ms=5.1	15.0	6.4	
CD2	35.7	324	EP	00 27 18.4	- 1.4						PU	01 43 48.0	0.1			
BJI	38.5	346	EP	00 27 43.0	- 0.5						P _m Z			5.0	0.6	
SNY	39.2	355	I PD	00 27 52.2	3.4						XP	01 44 00.0	0.0			
GTA	44.2	329	EP	00 28 29.8	- 0.2						S	01 47 34.0	5.2			
1984 9 26											S _m N			9.0	0.7	
O=01 39 11.9			+/-	0.09 SEC							S _m E			9.0	1.4	
LAT=12.01 N			+/-	1.55 KM							LE		Ms=4.8	16.0	3.8	
LONG=122.69 E			+/-	1.83 KM							P	01 43 54.0	0.0			
DEPTH=29 KM			+/-	0.19 KM							XP	01 44 03.0	- 3.1			
Ms(CHINA)=5.0/26, Msz(NEIS)=5.1, mb(NEIS)=5.4											PP	01 44 14.0	- 1.9			
STATIONS USED=83, STAND DEV=1.50 SEC											S	01 47 44.0	3.7			
QZH	13.4	343	EP	01 42 24.6	1.4						LN		Ms=5.0	15.0	4.2	
			AP	01 42 31.5	1.6						LE			15.0	2.5	
			XP	01 42 36.0	1.4						KMI	22.9	307	PR	01 44 16.0	0.9
											AP	01 48 25.5	2.3			
											ES	01 48 24.0	4.7			

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
CN2	84.0	323	PD	11 45 23.7	- 0.3		
TIA	84.4	313	EP	11 45 26.0	0.2		
TIY	88.3	312	P	11 45 45.7	1.0		
XAN	88.9	308	EP	11 45 48.0	0.7		
KMI	89.4	297	EP	11 45 51.0	1.1		
			AP	11 47 50.0	6.0		
			ESKS	11 55 31.0	2.0		
			S _m E			6.0	0.3
CD2	91.2	303	P	11 46 00.1	2.0		

1984 9 26

O = 17 07 45.0 +/- 0.56 SEC

LAT = 23.61 N +/- 3.75 KM

LONG = 121.38 E +/- 3.45 KM

DEPTH = 10 KM +/- 0.08 KM

ML (CHINA) = 3.2/3

STATIONS USED = 5, STAND DEV = 1.06 SEC

QZH	2.9	298	EPN	17 08 31.2	- 0.6		
			SN	17 08 59.5	- 7.4		
			S _m N		ML = 3.2	0.6	0.2
			S _m E			0.6	0.08

1984 9 26

O = 17 44 20.8 +/- 0.10 SEC

LAT = 36.81 N +/- 1.39 KM

LONG = 76.75 E +/- 1.62 KM

DEPTH = 33 KM +/- 0.13 KM

mb(NEIS) = 4.7, ML (CHINA) = 4.8/2

STATIONS USED = 19, STAND DEV = 1.97 SEC

WMQ	10.9	46	I PC	17 46 58.2	0.4		
			S	17 48 52.0	- 7.8		
			S _m N			2.0	0.2
			S _m E			2.0	0.3

GTA 18.3 74 EP 17 48 35.4 0.8

LZH 21.8 83 EP 17 49 12.5 0.3

1984 9 26

O = 19 26 45.2 +/- 0.22 SEC

LAT = 44.37 N +/- 6.18 KM

LONG = 148.04 E +/- 3.92 KM

DEPTH = 29 KM +/- 0.91 KM

mb(NEIS) = 5.1

STATIONS USED = 44, STAND DEV = 3.04 SEC

MDJ 13.2 277 EP 19 29 57.0 3.8

CN2 16.2 275 EP 19 30 35.0 2.0

SNY 18.0 270 EP 19 30 57.8 2.3

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIA	24.8	261	P	19 32 07.0	0.3		
NJ2	25.9	251	EP	19 32 18.6	2.1		
BTO	28.1	275	EP	19 32 37.6	0.4		
XAN	31.8	264	EP	19 33 03.5	- 5.9		
LZH	34.4	271	PC	19 33 32.5	0.1		
			P _m Z			15	0.07
GTA	35.8	279	P	19 33 45.0	0.4		
CD2	37.1	264	PC	19 33 55.0	- 0.3		
GYA	37.7	255	P	19 33 59.2	- 1.1		
KMI	41.3	257	PC	19 34 29.0	- 1.2		
WMQ	42.5	291	P	19 34 40.3	0.5		

1984 9 26

O = 20 30 42.8 +/- 0.17 SEC

LAT = 51.42 N +/- 1.94 KM

LONG = 178.72 W +/- 1.03 KM

DEPTH = 9 KM +/- 1.67 KM

mb(NEIS) = 4.9

STATIONS USED = 15, STAND DEV = 1.21 SEC

CN2	37.6	280	EP	20 38 00.0	0.1		
SNY	39.8	279	EP	20 38 20.0	1.5		
BTO	48.8	286	EP	20 39 32.5	1.5		
WHN	52.7	273	EP	20 40 01.0	0.5		
XAN	53.7	280	EP	20 40 07.0	- 0.9		

1984 9 26

O = 21 25 02.0 +/- 0.23 SEC

LAT = 33.19 N +/- 0.01 KM

LONG = 137.19 E +/- 0.01 KM

DEPTH = 372 KM +/- 0.00 KM

mb(NEIS) = 4.5

STATIONS USED = 26, STAND DEV = 4.82 SEC

SNY	13.8	312	I PC	21 28 04.0	- 1.5		
CN2	14.0	322	EP	21 28 05.8	- 2.0		
TIA	16.8	285	EP	21 28 35.3	- 0.8		
WHN	19.6	268	P	21 29 05.0	0.3		
TIY	20.6	289	EP	21 29 16.0	0.8		
HHC	21.8	297	PC	21 29 26.2	- 0.1		
BTO	22.9	296	EP	21 29 36.0	- 0.5		
GYA	27.3	263	P	21 30 14.8	- 1.2		
LZH	27.5	285	EP	21 30 16.5	- 1.8		
QZN	28.2	246	EP	21 30 48.0	23.7		
CD2	28.4	274	PD	21 30 24.3	- 1.4		
KMI	31.0	264	EP	21 30 47.5	- 1.6		

1984 9 26

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	TA sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			P _m Z			3.0	0.6	KMI	80.5	301	EP	07 38 19.0	2.1		
			PCP	01 34 35.0	0.2			CD2	82.6	307	(P)	07 38 31.4	3.6		
			AP	01 35 22.0	9.3			LZH	85.2	311	EP	07 38 42.5	1.5		
			S	01 41 56.0	1.3										
1984 9 27															
O = 03 16 33.1 +/- 0.17 SEC															
LAT = 32.51 N +/- 0.65 KM															
LONG = 121.57 E +/- 1.76 KM															
DEPTH = 1 KM +/- 0.17 KM															
ML (CHINA) = 3.5/6															
STATIONS USED = 5, STAND DEV = 0.93 SEC															
SSE	1.4	193	PN	03 17 01.0	0.6			WMQ	18.4	70	P	11 38 05.5	- 1.5		
			PG	03 17 03.7	4.2						ES	11 41 33.0	- 6.9		
			SN	03 17 19.0	- 1.3						LN	Ms=4.3	8.0	0.6	
			SG	03 17 21.3	2.9			GTA	27.9	79	P	11 39 42.9	1.1		
			S _m E			8.0	1.2				LG ₁	11 48 45.5	5.1		
NJ2	2.3	259	PGC	03 17 17.2	1.3			CD2	34.0	93	P	11 40 37.3	2.5		
			SN	03 17 49.0	5.8			KMI	36.1	102	EP	11 40 36.5	-17.3		
			S _m N	ML = 3.8	0.5	0.7		TIY	37.9	77	EP	11 41 09.6	1.4		
			S _m E		0.5	0.6					LE			12.0	0.2
TIA	5.2	316	PG	03 18 09.8	1.7			GYA	38.4	97	PD	11 41 13.8	1.5		
			SG	03 19 17.4	1.0			BJI	39.9	72	EP	11 41 26.5	1.7		
			S _m N	ML = 3.3	1.0	0.04		WHN	42.2	86	P	11 41 46.2	2.2		
			S _m E		0.8	0.03		NJ2	45.0	82	EP	11 42 08.0	1.8		
1984 9 27															
O = 07 26 05.4 +/- 0.19 SEC															
LAT = 21.90 S +/- 4.84 KM															
LONG = 170.31 E +/- 5.18 KM															
DEPTH = 33 KM +/- 2.23 KM															
Ms (CHINA) = 4.7/2, Msz (NEIS) = 5.4, mb (NEIS) = 4.5															
STATIONS USED = 27, STAND DEV = 3.86 SEC															
SSE	70.7	316	E(P)	07 37 15.0	- 5.5			MDJ	47.9	61	EP	11 42 26.3	- 3.1		
			PCP	07 37 42.0	1.3			1984 9 27							
			XS	07 46 40.0	- 7.5			O = 18 45 06.5 +/- 0.15 SEC							
QZN	71.8	299	P	07 37 12.0	-15.0			LAT = 32.52 N +/- 0.51 KM							
NJ2	72.8	315	EP	07 37 34.8	1.6			LONG = 121.70 E +/- 1.82 KM							
			ES	07 46 54.0	- 2.1			DEPTH = 0 KM +/- 0.01 KM							
MDJ	75.9	331	EP	07 37 51.0	- 0.3			ML (CHINA) = 3.7/7							
TIA	76.6	318	EP	07 37 54.8	- 0.3			STATIONS USED = 6, STAND DEV = 0.82 SEC							
			LE	Ms = 4.6	19.0	0.3		SSE	1.5	197	PG	18 45 36.5	2.9		
CN2	77.2	328	P	07 37 58.5	- 0.3						SG	18 45 54.0	0.9		
			ES	07 47 28.0	-17.4						S _m N	ML = 3.3	0.5	0.03	
			LE	Ms = 4.9	15.0	0.4					S _m E		0.5	0.8	
GYA	78.2	304	EP	07 38 12.8	8.8			NJ2	2.5	259	I PGC	18 45 52.6	1.3		
1984 9 27															
O = 18 45 06.5 +/- 0.15 SEC															
LAT = 32.52 N +/- 0.51 KM															
LONG = 121.70 E +/- 1.82 KM															
DEPTH = 0 KM +/- 0.01 KM															
ML (CHINA) = 3.7/7															
STATIONS USED = 6, STAND DEV = 0.82 SEC															
								TIA	5.3	315	EPN	18 46 28.6	- 0.1		
											PG	18 46 49.4	6.7		
											SN	18 47 26.0	- 5.1		
											ESG	18 47 54.0	2.2		



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			AP	00 16 51.5	- 0.6			LAT = 21.47 S +/- 1.90 KM LONG = 177.65 W +/- 1.35 KM DEPTH = 373 KM +/- 1.59 KM mb (NEIS) = 5.8 STATIONS USED = 96, STAND DEV = 1.11 SEC							
			SKS	00 27 17.0	3.3			QZH	77.2	303	IPR	03 15 03.0	- 0.2		
			S	00 27 52.0	7.8						P _m N			4.0	0.8
			S _m N			12.0	15.8				P _m E			4.0	1.2
			S _m E			8.0	9.7				P _m Z			4.0	3.1
			XS	00 28 07.5	11.1						XP	03 17 05.0	- 0.4		
			LN		Ms = 6.3	18.0	10.5				PP	03 18 00.0	- 3.6		
XAN	92.8	306	PD	00 16 48.7	1.1						S	03 24 18.0	- 3.3		
			XP	00 17 04.0	5.8						S _m N			5.0	0.9
			SKS	00 27 16.0	- 1.3						SCS	03 24 40.0	- 2.2		
			S	00 27 44.0	- 5.7						PR	03 15 09.0	- 1.4		
			LN		Ms = 6.5	20.0	13.0				P _m Z			4.0	1.3
			LE			21.0	9.8				AP	03 16 39.5	5.0		
KMI	93.4	296	IPR	00 16 53.0	2.4						XP	03 17 12.0	- 0.8		
			XP	00 17 03.0	2.0						PP	03 18 12.0	- 3.0		
			SKS	00 27 26.0	5.3						ES	03 24 35.0	- 0.5		
			IS	00 28 02.0	6.7						SCS	03 24 50.0	- 3.2		
			S _m E			9.0	4.7				IPR	03 15 21.3	0.7		
			LN		Ms = 6.5	18.0	15.3				P _m Z			3.0	2.2
			LE			18.0	13.0				AP	03 16 50.0	5.0		
			PD	00 16 55.8	1.0						XP	03 17 23.0	- 0.3		
HHC	94.3	313	PCP	00 16 58.0	3.7						S	03 24 57.5	2.2		
			SKS	00 27 31.0	5.1						S _m N			7.0	1.0
			IS	00 27 55.0	- 8.2						S _m E			8.0	0.9
			LN		Ms = 6.4	20.0	12.6				XS	03 27 16.5	- 6.7		
			LE								IPR	03 15 22.0	0.0		
			EP	00 17 00.2	1.6						P _m Z			4.0	2.4
CD2	95.1	301	SKS	00 27 34.0	3.5						XP	03 17 25.0	0.2		
			S	00 28 18.0	7.8						PP	03 18 30.0	- 3.1		
			LE		Ms = 6.7	24.0	30.5				S	03 25 00.0	1.9		
			IPR	00 16 59.5	0.6						S _m N			7.0	0.7
BTO	95.2	312	SKS	00 27 32.5	1.7						S _m E			8.0	0.4
			LN		Ms = 6.4	18.0	8.9				IPC	03 15 26.0	0.1		
			LE			18.0	6.5				AP	03 16 55.0	4.5		
			IPD	00 17 10.0	1.1						S	03 25 08.0	2.3		
			P _m Z			3.0	0.8				S _m E			7.0	1.8
			AP	00 17 16.5	0.4						IPR	03 15 28.0	1.8		
			SKS	00 27 45.0	2.6						AP	03 16 55.0	4.2		
			S	00 28 34.0	4.5						XP	03 17 28.5	- 0.5		
			LE		Ms = 6.6	22.0	23.9				PP	03 18 41.5	1.9		
			EP	00 17 28.6	0.3						S	03 25 09.0	2.8		
GTA	101.7	302	SKS	00 28 04.5	0.7						I	03 27 48.0			
			S	00 29 05.5	0.0										
			LE		Ms = 6.4	17.4	9.2								

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○ = 03 03 47.2 +/- 0.12 SEC

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ			
DL 2	82.7	316	IPR	03 15 31.0	- 0.8													
			P _m N				3.0	0.9				XP	03 18 07.0	4.5				
			P _m E				5.0	2.1					PP	03 19 30.0	- 2.8			
			XP	03 17 36.0	1.2								S	03 26 16.0	6.1			
			ESKS	03 25 12.0	- 0.9								S _m N			8.0	0.8	
			ES	03 25 19.0	1.7						XAN	89.0	307	PD	03 16 02.6	0.1		
			S _m N					6.0	0.8					P _m Z			6.0	2.4
SNY	83.2	319	IPD	03 15 34.0	- 0.3							AP	03 17 28.0	- 0.4				
			P _m Z				4.0	2.3				S	03 25 55.0	1.2				
			AP	03 17 09.0	9.8								IS	03 26 22.0	4.8			
			S	03 25 26.5	4.3								S _m N			9.0	1.5	
			S _m N					6.0	0.9		KMI	90.1	296	PD	03 16 09.0	1.2		
			S _m E					5.0	0.5					XP	03 18 13.0	1.4		
														S	03 26 00.0	- 0.4		
CN 2	83.3	322	IPD	03 15 34.4	- 0.5							S _m N			5.0	0.4		
			P _m N				3.0	0.6					S _m E			7.0	0.9	
			P _m E				3.0	0.8						S	03 26 32.0	4.6		
			P _m Z				4.0	3.4			HHC	90.3	314	PR	03 16 09.0	0.5		
			AP	03 17 02.0	2.2								P _m Z			4.0	1.2	
			XP	03 17 40.0	2.0								AP	03 17 43.0	8.4			
			PP	03 18 52.0	- 1.2								XP	03 18 13.0	0.6			
			PP _m Z				5.0	0.7						S	03 26 02.5	1.0		
			PPP	03 20 43.0										S	03 26 36.5	7.6		
			ESKS	03 25 16.5	- 0.5									S _m N			6.0	1.1
WHN	83.3	306	IPD	03 15 35.3	0.4							ES	03 25 25.0	1.7				
			P _m N				4.0	3.5					S _m N			6.0	1.0	
			XP	03 17 38.0	- 0.1						BTO	91.2	313	IPR	03 16 13.0	0.2		
			S	03 25 20.0	- 3.4									XP	03 18 21.0	4.3		
			XS	03 27 56.0	3.5									ESKS	03 26 08.0	1.3		
														XS	03 29 14.0	5.1		
														CD 2	91.6	302	PD	03 16 15.7
TIA	84.2	312	PD	03 15 39.2	- 0.3							P _m Z			1.2	0.8		
			XP	03 17 42.5	- 0.2								XP	03 18 19.0	0.4			
			S	03 25 25.5	- 6.6								ESKS	03 26 07.0	- 2.0			
			S _m N				6.0	0.6					ES	03 26 47.0	6.7			
			S _m E				6.0	0.8				LZH	93.6	307	IPC	03 16 24.0	- 0.1	
GYA	87.4	299	PR	03 15 56.0	0.8							P _m Z			1.5	0.4		
			XP	03 18 00.0	1.2								PP	03 20 11.0	- 5.3			
			SKS	03 25 46.0	1.8								S	03 26 19.5	- 0.7			
			S	03 26 07.0	4.0								S _m E			5.0	0.9	
			XS	03 28 31.0	- 2.7								S	03 27 05.0	6.9			
TIY	88.2	311	IPR	03 16 00.0	1.2							P	03 16 43.2	- 0.1				
			P _m Z				3.0	2.0					AP	03 18 17.3	7.8			
			AP	03 17 25.5	1.0								S	03 26 41.4	- 1.6			
											S	03 27 40.0	6.2					
											S _m E			5.5	0.6			

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
O = 08 20 34.4 +/- 0.06 SEC LAT = 54.01 N +/- 1.25 KM LONG = 168.34 E +/- 0.70 KM DEPTH = 34 KM +/- 0.13 KM Msz (NEIS) = 4.5, mb (NEIS) = 5.1 STATIONS USED = 52, STAND DEV = 0.79 SEC								LONG = 110.92 W +/- 7.16 KM DEPTH = 11 KM +/- 0.94 KM Ms (CHINA) = 6.0/15, Msz (NEIS) = 5.9, mb (NEIS) = 5.9 STATIONS USED = 62, STAND DEV = 3.59 SEC							
MDJ	26.7	265	EP	08 26 11.2	- 1.2			MDJ	131.7	303	EPKP	10 59 36.2	- 2.2		
CN2	29.6	267	PD	08 26 37.2	- 1.4						PP	11 01 53.0	- 8.0		
SNY	31.8	266	PD	08 26 58.1	- 0.7						SS	11 19 17.0	- 15.7		
BTO	40.6	275	EP	08 28 14.1	0.9						LE		Ms=6.0	25.0	3.5
TIY	41.1	270	EP	08 28 17.6	0.7			CN2	134.6	302	PKPR	10 59 45.5	1.6		
NJ2	41.2	258	EP	08 28 18.0	- 0.4						PKP _m Z			4.0	0.4
XAN	45.6	269	EP	08 28 53.0	- 1.1						EPP	11 02 22.0	2.6		
LZH	47.2	275	PD	08 29 07.0	0.4						ESS	11 20 03.0	- 4.6		
			P _m Z			1.2	0.06				LE		Ms=6.0	19.0	2.5
GTA	47.3	281	IPD	08 29 07.6	0.1			SNY	135.8	299	EPKP	10 59 43.0	- 3.0		
CD2	50.9	270	EP	08 29 35.2	0.1						PP	11 02 20.0	- 6.7		
WMQ	51.2	293	EP	08 29 37.1	- 0.3						SS	11 20 21.0	- 1.0		
GYA	52.5	264	P	08 29 49.8	2.8						LN		Ms=6.0	18.0	0.7
KMI	55.8	266	EP	08 30 11.5	0.0						LE			20.0	3.0
1984 9 28 O = 10 17 52.6 +/- 0.05 SEC LAT = 25.80 N +/- 0.93 KM LONG = 124.40 E +/- 0.74 KM DEPTH = 193 KM +/- 1.25 KM ML (CHINA) = 3.5/2 STATIONS USED = 21, STAND DEV = 1.10 SEC								SSE 135.8 283 EPKP 10 59 45.0 - 1.2 PP 11 02 23.0 - 4.1 LN Ms=5.7 18.0 1.4 QZH 136.2 274 EPKP 10 59 48.0 1.2 PP 11 02 26.0 - 3.2 SKS 11 06 49.5 - 3.9 LE Ms=6.0 18.0 2.3 NJ2 138.0 284 PKPR 10 59 51.0 0.8 PKP _m Z 6.0 0.4 PP 11 02 41.0 - 0.1 PP _m Z 5.0 0.7 LN Ms=5.9 19.0 1.9 TIA 140.2 290 EPKP 10 59 52.0 - 2.1 PP 11 02 49.0 - 5.1 SS 11 21 25.0 11.4 LE Ms=6.1 22.0 4.1 QZN 141.3 261 PKP 10 59 54.5 - 1.6 PP 11 02 58.0 - 2.9 WHN 141.4 280 EPKP 10 59 52.2 - 4.1 TIY 144.1 291 (PKP) 11 00 00.0 - 0.9 SS 11 22 14.5 15.3 LN Ms=5.8 15.0 0.4 LE 17.0 1.2 HHC 144.8 297 PKP 11 00 02.2 - 0.1 BTO 146.0 296 PKPU 11 00 05.0 0.7 XAN 146.6 285 PKP 11 00 06.0 0.7 PKP _m Z 6.0 2.7 PP 11 03 42.0 9.5							
QZH	5.3	262	IPD	10 19 12.5	0.6										
			S	10 20 09.0	- 4.4										
			S _m N		ML=3.5	1.0	0.09								
			S _m E			0.7	0.01								
SSE	6.0	332	P	10 19 19.7	- 0.8										
			P _m Z			1.0	0.02								
NJ2	7.9	323	EP	10 19 45.5	- 0.1										
TIY	15.6	322	EP	10 21 26.0	1.8										
XAN	15.7	305	EP	10 21 25.8	0.4										
GYA	15.9	276	P	10 21 29.4	1.2										
CN2	18.0	2	EP	10 21 50.6	- 0.8										
CD2	18.9	290	IPD	10 22 00.0	- 0.6										
KMI	19.6	272	EP	10 22 06.0	- 2.1										
LZH	20.4	305	EP	10 22 15.0	- 1.0										
1984 9 28 O = 10 40 23.9 +/- 0.28 SEC LAT = 31.57 S +/- 7.78 KM															

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
GYA	146.9	270	PKP	11 00 09.0	3.2			NJ 2	39.2	82	EP	12 19 52.0	1.4		
			PP	11 03 32.0	- 2.2			SSE	41.8	82	EP	12 20 10.0	1.4		
KMI	149.8	266	EPKP	11 00 12.5	1.9						AP	12 20 57.5	2.7		
CD2	150.4	277	EPKP	11 00 14.9	3.5			1984 9 28							
			PP	11 03 56.0	1.4			O = 21 38 42.8			+/-	0.06 SEC			
			LE		Ms=6.1	20.0	3.3	LAT = 34.57 N			+/-	0.97 KM			
LZH	150.9	288	EPKP	11 00 12.5	0.3			LONG = 82.47 E			+/-	0.90 KM			
			PKP _m Z			1.2	0.3	DEPTH = 24 KM			+/-	0.07 KM			
			LE		Ms=6.3	22.0	4.8	Ms (CHINA) = 4.1/4, mb (NEIS) = 4.7			STATIONS USED = 24, STAND DEV = 1.28 SEC				
GTA	153.9	295	EPKP	11 00 16.6	0.1			WMQ	10.1	22	P	21 41 09.5	- 0.1		
			LE		Ms=6.3	22.0	5.1	GTA	14.7	65	EP	21 42 10.4	- 0.8		
WMQ	160.9	315	EPKP	11 00 24.5	- 0.7						ELG ₂	21 46 46.5	- 0.6		
1984 9 28											LE		Ms=3.7	10.5	0.3
O = 12 12 38.9			+/-	0.06 SEC				CD2	18.3	95	EP	21 42 58.4	1.6		
LAT = 36.59 N			+/-	1.39 KM							(S)	21 46 24.2	- 4.0		
LONG = 70.88 E			+/-	0.92 KM							LE		Ms=4.4	10.0	1.1
DEPTH = 219 KM			+/-	0.11 KM				KMI	19.9	112	EP	21 43 15.0	- 1.1		
mb (NEIS) = 5.0											ES	21 46 56.0	1.7		
STATIONS USED = 67, STAND DEV = 1.09 SEC											LN		Ms=4.0	10.0	0.3
WMQ	14.7	55	IPD	12 15 58.0	- 0.4			XAN	21.8	83	EP	21 43 33.8	- 2.0		
			P _m Z			1.5	0.2	GYA	22.3	104	P	21 43 41.6	1.0		
			ES	12 18 41.0	4.6			BTO	22.6	66	EP	21 43 44.5	1.2		
			S _m E			3.0	1.7	1984 9 29							
GTA	22.9	74	IPD	12 17 27.1	1.8			O = 02 15 42.3			+/-	0.16 SEC			
			XP	12 18 36.3	3.9			LAT = 5.47 N			+/-	1.82 KM			
			ES	12 21 22.0	5.9			LONG = 93.89 E			+/-	1.22 KM			
			S _m E			9.0	0.5	DEPTH = 43 KM			+/-	0.63 KM			
CD2	27.8	92	PD	12 18 11.2	0.8			mb (NEIS) = 4.8			STATIONS USED = 28, STAND DEV = 1.33 SEC				
			AP	12 18 56.1	2.4			QZN	20.6	47	EP	02 20 25.3	5.0		
			XP	12 19 23.0	3.7						EX S	02 24 16.5	- 2.8		
			P _m Z			1.0	0.1	KMI	21.3	22	PD	02 20 29.0	1.1		
			(S)	12 22 37.5	1.3						PP	02 20 52.5	1.0		
KMI	29.5	103	PD	12 18 25.0	- 0.5						ES	02 24 20.0	2.5		
BTO	30.7	70	EP	12 18 35.7	0.1						SS	02 24 49.0	- 2.4		
XAN	31.0	83	EP	12 18 37.0	- 1.5						LE			9.0	0.3
HHC	31.8	69	EP	12 18 46.2	0.6			GYA	24.2	28	P	02 20 57.0	1.0		
GYA	32.0	98	PD	12 18 46.4	- 0.5			CD2	27.0	18	P	02 21 21.2	- 0.9		
			PP	12 20 08.0	6.7			WHN	31.5	35	EP	02 22 03.0	0.2		
			S	12 23 40.0	- 1.4			XAN	31.7	24	EP	02 22 02.4	- 1.8		
TIY	33.0	75	EP	12 18 55.6	0.4			GTA	34.2	8	PC	02 22 25.7	- 0.7		
WHN	36.5	86	EP	12 19 26.3	1.2			NJ 2	35.3	38	EP	02 22 35.5	0.2		
			PCP	12 21 29.6	-14.2			TIA	37.3	31	EP	02 22 52.1	- 0.3		
			SCP	12 25 07.5	- 0.5										
			LN			18.0	1.9								
GZH	38.9	98	IPC	12 19 46.0	0.7										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
WMQ	38.6	352	P	02 23 03.4	0.1										
BJI	39.8	27	EP	02 23 14.0	0.4										
CN2	47.2	31	EP	02 24 12.0	- 1.1										
1984 9 29								1984 9 29							
O = 05 49 06.2 +/- 0.19 SEC								O = 11 32 20.5 +/- 0.22 SEC							
LAT = 19.24 N +/- 4.16 KM								LAT = 5.88 N +/- 1.90 KM							
LONG = 120.03 E +/- 5.51 KM								LONG = 124.33 E +/- 2.21 KM							
DEPTH = 33 KM +/- 3.99 KM								DEPTH = 37 KM +/- 2.40 KM							
mb (NEIS) = 4.9, ML (CHINA) = 3.6/4								Ms (CHINA) = 4.5/7, Msz (NEIS) = 4.2, mb (NEIS) = 5.1							
STATIONS USED = 11, STAND DEV = 4.11 SEC								STATIONS USED = 32, STAND DEV = 2.48 SEC							
QZH	5.8	347	EPN	05 50 32.7	0.1			QZH	19.7	344	PU	11 36 49.0	- 1.1		
			SN	05 51 43.8	4.5						S	11 40 18.0	- 7.3		
			S _m N		ML = 3.2	0.3	0.02				LN		Ms = 4.1	16.0	0.8
			S _m E			0.3	0.02	SSE	25.3	353	EP	11 37 44.0	- 1.1		
GZH	7.3	302	PN	05 50 51.2	- 2.4						EXS	11 42 18.0	- 4.2		
			SN	05 52 18.5	2.1						LN		Ms = 4.3	16.0	0.8
			LN			0.6	0.07	WHN	26.3	340	EP	11 37 55.0	0.5		
			LE			0.6	0.07	GYA	26.5	322	P	11 38 03.0	6.1		
QZN	9.6	270	EP	05 51 22.8	- 2.9			NJ2	26.5	349	EP	11 37 57.5	0.5		
			S	05 53 15.8	1.9			KMI	28.2	315	EP	11 38 19.0	6.8		
			LN			0.8	0.06				EXS	11 43 16.0	5.7		
			S _m E		ML = 3.7	0.7	0.01				LE		Ms = 4.6	20.0	1.5
CD2	18.7	311	P	05 53 22.6	- 2.4			XAN	31.5	334	EP	11 38 41.0	- 0.1		
BJI	21.0	351	EP	05 53 46.5	- 2.9			CD2	31.5	324	P	11 38 42.2	0.5		
LZH	22.0	322	EP	05 53 57.0	- 2.9			LZH	35.5	330	IPD	11 39 18.0	2.1		
1984 9 29								1984 9 29							
O = 10 26 58.2 +/- 0.08 SEC								O = 11 41 28.2 +/- 0.07 SEC							
LAT = 34.46 N +/- 1.74 KM								LAT = 5.72 S +/- 0.49 KM							
LONG = 140.71 E +/- 1.33 KM								LONG = 153.59 E +/- 0.27 KM							
DEPTH = 73 KM +/- 0.60 KM								DEPTH = 52 KM +/- 0.71 KM							
mb (NEIS) = 4.8								mb (NEIS) = 4.2							
STATIONS USED = 40, STAND DEV = 1.62 SEC								STATIONS USED = 17, STAND DEV = 0.69 SEC							
MDJ	13.3	323	EP	10 30 02.5	- 2.6			TIA	53.9	323	EP	11 50 48.8	- 0.4		
CN2	15.1	312	EP	10 30 30.0	1.7			CN2	55.5	335	PD	11 51 00.0	- 0.4		
SNY	15.3	303	EP	10 30 30.8	- 1.1			CD2	59.9	310	EP	11 51 32.3	0.3		
			LE			26.0	0.4	BTO	61.0	323	EP	11 51 39.8	0.4		
DL2	15.9	291	E(P)	10 30 40.0	0.6			GTA	66.9	317	EP	11 52 18.7	1.0		
TIA	19.3	281	EP	10 31 23.1	2.8										
BJI	20.3	293	EP	10 31 28.1	- 2.4										
WHN	22.5	267	EP	10 31 56.0	2.8										
XAN	26.2	278	EP	10 32 26.7	- 1.8										
CD2	31.2	273	EP	10 33 10.8	- 2.2										
GTA	32.9	290	EP	10 33 27.6	- 0.1										
WMQ	41.5	299	EP	10 34 43.0	2.4										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>1984 9 29</p> <p>O = 13 04 24.0 +/- 0.19 SEC</p> <p>LAT = 13.23 N +/- 6.20 KM</p> <p>LONG = 95.75 E +/- 3.65 KM</p> <p>DEPTH = 47 KM +/- 3.41 KM</p> <p>Ms (CHINA) = 4.6/3, mb (NEIS) = 4.2</p> <p>STATIONS USED = 11, STAND DEV = 3.60 SEC</p>								<p>XAN 62.1 40 EP 16 20 20.0 - 1.2</p> <p>TIA 68.8 43 EP 16 21 04.2 - 0.1</p> <p>BJI 70.3 39 EP 16 21 14.0 0.2</p> <p>CN2 78.2 40 PC 16 21 58.4 - 0.9</p>							
KM1	13.5	28	EP	13 07 44.0	8.0			<p>1984 9 30</p> <p>O = 04 52 13.4 +/- 0.13 SEC</p> <p>LAT = 17.78 S +/- 0.58 KM</p> <p>LONG = 178.51 W +/- 1.21 KM</p> <p>DEPTH = 544 KM +/- 1.48 KM</p> <p>mb (NEIS) = 5.0</p> <p>STATIONS USED = 38, STAND DEV = 1.10 SEC</p>							
GYA	16.7	36	EP	13 08 14.6	- 1.6			MDJ	78.0	324	EP	05 03 17.0	- 0.8		
			S	13 11 33.0	13.7			CN2	79.9	322	PD	05 03 27.2	- 0.2		
			LN		Ms=4.6	12.0	1.1	WHN	80.5	306	P	05 03 31.3	0.8		
			LE			12.0	1.6	GYA	84.9	299	PD	05 03 54.0	1.1		
CD2	19.1	21	EP	13 08 43.9	- 1.8			TIY	85.1	311	EP	05 03 54.2	0.3		
LZH	23.9	16	PC	13 09 35.0	0.3			XAN	86.1	307	EP	05 03 59.0	0.4		
			P _m Z			1.5	0.07	KMI	87.7	297	PD	05 04 07.8	1.5		
XAN	23.9	27	EP	13 09 31.8	- 3.1			CD2	88.9	302	EP	05 04 13.0	1.1		
			ES	13 13 55.0	9.7			<p>1984 9 30</p> <p>O = 07 20 18.1 +/- 0.18 SEC</p> <p>LAT = 0.07 S +/- 1.55 KM</p> <p>LONG = 124.41 E +/- 2.15 KM</p> <p>DEPTH = 79 KM +/- 1.34 KM</p> <p>mb (NEIS) = 5.2</p> <p>STATIONS USED = 47, STAND DEV = 2.01 SEC</p>							
			LE		Ms=4.6	10.0	1.1	QZN	23.8	323	EP	07 25 27.3	2.9		
CN2	39.7	34	EP	13 11 52.0	- 1.8						ES	07 29 30.0	- 1.2		
<p>1984 9 29</p> <p>O = 13 18 37.4 +/- 0.22 SEC</p> <p>LAT = 13.30 N +/- 6.17 KM</p> <p>LONG = 96.49 E +/- 4.08 KM</p> <p>DEPTH = 33 KM +/- 4.58 KM</p> <p>mb (NEIS) = 4.3</p> <p>STATIONS USED = 10, STAND DEV = 2.87 SEC</p>								<p>GYA 31.4 328 P 07 26 35.6 1.0</p> <p>PCP 07 29 27.0 1.4</p> <p>WHN 31.9 343 EP 07 26 40.0 1.4</p> <p>KMI 32.7 321 EP 07 26 47.0 1.6</p> <p>CD2 36.5 329 EP 07 27 18.2 0.0</p> <p>XAN 36.9 338 EP 07 27 20.6 - 0.9</p> <p>BJI 40.6 350 EP 07 27 52.5 0.3</p> <p>LZH 40.7 334 EP 07 27 54.0 0.6</p> <p>CN2 43.7 1 EP 07 28 17.5 0.1</p> <p>PCP 07 30 03.4 0.3</p> <p>MDJ 44.7 5 EP 07 28 25.5 - 0.2</p> <p>GTA 45.3 333 EP 07 28 30.3 0.0</p> <p>WMQ 54.6 327 P 07 29 40.4 - 0.9</p>							
KM1	13.2	25	EP	13 21 48.5	3.6			<p>1984 9 30</p> <p>O = 11 30 28.6 +/- 0.17 SEC</p>							
GYA	16.2	34	P	13 22 29.6	5.2										
CD2	18.8	19	EP	13 22 53.4	- 3.0										
XAN	23.5	26	EP	13 23 43.0	- 2.8										
LZH	23.6	14	PC	13 23 46.0	- 0.9										
WHN	23.8	40	EP	13 23 49.5	1.2										
GTA	26.2	5	EP	13 24 08.0	- 3.2										
<p>1984 9 29</p> <p>O = 16 09 57.1 +/- 0.24 SEC</p> <p>LAT = 11.89 S +/- 3.99 KM</p> <p>LONG = 64.67 E +/- 1.80 KM</p> <p>DEPTH = 10 KM +/- 0.46 KM</p> <p>mb (NEIS) = 5.0</p> <p>STATIONS USED = 24, STAND DEV = 1.12 SEC</p>															
GYA	55.8	46	P	16 19 37.8	- 0.1										
CD2	56.7	40	EP	16 19 43.8	- 0.5										
WMQ	59.3	19	P	16 20 01.5	- 0.6										
GTA	60.6	30	EP	16 20 11.0	- 0.4										

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LAT = 28.08 S +/- 9.81 KM LONG = 74.27 E +/- 5.67 KM DEPTH = 5 KM +/- 2.72 KM mb (NEIS) = 4.8 STATIONS USED = 9, STAND DEV = 2.43 SEC								PPP 19 22 44.8 ES 19 25 50.0 0.4 LE Ms=3.9 13.0 0.4								
GYA	62.5	32	P	11 41 02.6	6.2			GYA	19.1	279	P	19 22 22.0	0.5			
CD2	65.1	27	EP	11 41 10.8	- 2.1						SS	19 26 12.0	- 2.7			
XAN	70.0	30	EP	11 41 42.1	- 1.7			MDJ	19.9	3	EP	19 22 29.0	- 0.8			
GTA	71.2	20	EP	11 41 51.2	- 0.5			BTO	21.6	321	EP	19 22 48.4	- 0.1			
WMQ	72.6	10	EP	11 41 58.7	- 1.1			CD2	22.1	291	PD	19 22 52.6	0.1			
BTO	76.0	27	EP	11 42 17.0	- 2.3						P _m Z			1.0	0.3	
1984 9 30 O = 19 17 58.0 +/- 0.08 SEC LAT = 24.78 N +/- 2.42 KM LONG = 127.74 E +/- 2.42 KM DEPTH = 29 KM +/- 1.81 KM Ms (CHINA) = 4.1/14, mb (NEIS) = 5.0 STATIONS USED = 32, STAND DEV = 1.53 SEC								PP 19 23 20.0 2.0 ES 19 26 55.0 5.6 LE Ms=4.5 10.0 0.9								
QZH	8.3	273	EP	19 19 57.5	- 2.2			KMJ	22.7	276	PD	19 23 01.5	2.7			
			ES	19 21 33.0	- 0.7						XP	19 23 15.0	4.4			
			LE		Ms=3.6	12.0	0.5				ES	19 27 10.0	9.1			
SSE	8.6	318	P	19 20 02.8	- 0.3						LN		Ms=4.1	14.0	0.6	
			P _m Z			1.0	0.04	LZH	23.4	304	IPC	19 23 05.5	- 0.7			
			LN		Ms=3.8	12.0	0.9				P _m Z			1.5	0.05	
NJ2	10.7	314	EP	19 20 31.0	- 1.2			GTA	27.7	308	PC	19 23 45.0	- 1.0			
			LN		Ms=4.1	10.0	0.9	WMQ	37.7	310	IPD	19 25 13.5	0.1			
WHN	13.2	298	EP	19 21 06.0	- 0.2			1984 9 30 O = 20 48 45.6 +/- 0.09 SEC LAT = 6.03 S +/- 1.30 KM LONG = 148.55 E +/- 1.64 KM DEPTH = 75 KM +/- 0.36 KM mb (NEIS) = 5.8 STATIONS USED = 81, STAND DEV = 1.38 SEC								
			PP	19 21 17.0	0.3			QZH	42.4	317	PU	20 56 34.5	- 0.1			
			LN		Ms=4.2	12.0	1.2				S	21 02 48.0	- 2.6			
TIA	14.6	323	PC	19 21 26.2	1.3						S _m N			9.0	0.8	
			LN		Ms=4.4	12.0	1.1				XS	21 03 15.6	- 6.1			
			LE			12.0	0.9				S _m E			9.0	0.6	
DL2	15.0	341	P	19 21 35.4	5.3						LE			19.0	2.9	
			LN		Ms=4.1	12.0	0.7	GZH	45.0	311	P	20 56 55.5	0.1			
			LE			10.0	0.3				S	21 03 33.0	5.3			
SNY	17.4	349	EP	19 21 59.4	- 0.6						LN			10.0	0.7	
TIY	18.3	318	EP	19 22 13.0	0.6						LE			10.0	1.1	
			S	19 25 40.0	- 4.9						SSE	45.2	326	PC	20 56 58.0	0.4
			LN		Ms=4.3	11.0	0.8				P _m Z			1.2	0.1	
			LE			11.0	0.5				AP	20 57 12.0	- 3.8			
XAN	18.8	303	EP	19 22 17.0	- 0.9						XP	20 57 20.0	- 4.8			
			AP	19 22 29.0	4.1						ES	21 03 32.0	0.2			
			S	19 25 40.0	- 7.1						XS	21 03 54.0	- 9.3			
			LN		Ms=4.1	13.0	0.6				LN			18.0	4.3	
CN2	19.1	354	PC	19 22 19.8	- 1.4											

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QZN	45.5	304	EP	20 57 01.0	1.0			CN2	53.8	339	PCP	20 59 11.0	5.8		
			XP	20 57 25.5	- 1.6		S				21 05 23.0	0.0			
			EPP	20 58 47.5	- 1.4		PC				20 58 07.2	3.8			
			S	21 03 40.0	3.9		P _m Z						6.0	1.2	
			XS	21 04 06.5	- 1.0		AP				20 58 17.0	- 4.9			
			LN			15.0	2.0				ES	21 05 30.0	1.1		
NJ 2	47.3	325	LE			16.0	1.6	KMI	54.2	306	S _m N			10.0	0.6
			PU	20 57 14.0	0.4		LN						18.0	1.8	
			P _m Z			6.0	1.0				LE			18.0	2.7
			AP	20 57 28.0	- 3.9		PC				20 58 05.5	- 1.3			
			S	21 04 00.0	- 0.7		XP				20 58 29.0	- 4.9			
			S _m N			8.0	0.9				ES	21 05 35.0	- 2.3		
WHN	48.9	319	LN			19.0	5.8	XAN	54.7	319	XS	21 06 04.5	- 4.4		
			IPU	20 57 28.0	1.4		LN						17.0	1.9	
			AP	20 57 42.0	- 2.9		EP				20 58 08.0	- 1.9			
			XP	20 57 50.5	- 3.3		AP				20 58 23.0	- 5.4			
			ES	21 04 27.0	3.0		XP				20 58 32.0	- 5.3			
			S _m N			9.0	0.6				S	21 05 42.0	- 1.0		
DL 2	51.2	333	XS	21 05 00.0	4.2			TIY	55.0	325	S _m N			8.0	0.6
			LN			15.0	1.4				LN			18.0	1.7
			PU	20 57 44.0	0.1		LE						17.0	1.4	
			P _m N			4.0	0.6				P	20 58 11.6	- 0.5		
			P _m E			4.0	0.5				P _m Z			1.4	0.06
			P _m Z			6.0	0.8				PCP	20 59 10.0	- 2.0		
TIA	51.3	327	XP	20 58 06.0	- 5.2			CD2	56.4	313	PP	21 08 08.0	- 9.0		
			ES	21 04 59.0	3.6		S				21 05 50.0	2.9			
			LN			18.0	2.7				PS	21 06 13.0			
			LE			17.0	2.5				LN			21.0	4.4
			PC	20 57 43.2	- 1.6		LE						21.0	2.8	
			AP	20 57 58.0	- 5.2		EP				20 58 20.7	- 1.5			
GYA	51.9	310	ES	21 04 58.0	0.9			HHC	57.7	327	P _m Z			1.0	0.08
			EXS	21 05 30.0	1.0		XP				20 58 54.0	4.3			
			LN			22.0	7.6				ES	21 06 09.0	3.2		
			LE			22.0	8.1				LE			14.0	1.4
			PC	20 57 49.0	0.0		EP				20 58 31.0	- 0.3			
			S	21 05 10.0	5.2		AP				20 58 45.0	- 4.9			
SNY	52.8	336	XS	21 05 37.0	0.5			BTO	58.3	326	S	21 06 26.1	3.4		
			IPU	20 57 56.0	0.1		LE						20.0	4.4	
			P _m Z			5.0	1.4				IPU	20 58 35.0	- 0.9		
			PP	20 59 46.5	- 10.8		AP				20 58 50.0	- 4.6			
			S	21 05 16.0	- 1.4		PP				21 00 47.0	0.3			
			SS	21 08 55.0	0.5		ES				21 06 30.0	- 1.4			
MDJ	53.2	343	LN			17.0	4.3	LZH	59.2	318	XS	21 07 02.0	- 1.6		
			LE			15.0	3.8				LN			20.0	4.5
			PC	20 57 59.5	0.5		LE						20.0	4.4	
			AP	20 58 15.0	- 2.5		P				20 58 41.5	- 0.7			

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			P _m Z			1.5	0.2	GYA	13.9	82	P	21 38 48.4	6.9		
			S	21 06 44.0	0.8			LZH	15.1	42	EP	21 38 54.5	- 2.6		
			S _m N			8.5	0.2	GTA	15.6	25	P	21 39 00.0	- 3.8		
			LN			15.0	2.9	XAN	17.5	56	EP	21 39 24.8	- 3.1		
GTA	63.8	319	P	20 59 12.0	- 0.6			QZN	18.4	106	EP	21 39 37.1	- 1.4		
			XP	20 59 36.6	- 3.6			WMQ	18.5	351	EP	21 39 41.0	1.2		
			S	21 07 37.5	- 2.9			WHN	21.0	70	EP	21 40 06.0	- 1.4		
			LE			15.0	0.9	BTO	21.7	41	EP	21 40 14.3	- 0.4		
WMQ	73.8	318	IPC	21 00 14.0	- 0.7			TIY	21.7	50	PD	21 40 13.3	- 1.4		
			AP	21 00 34.5	0.6						P _m Z			0.8	0.02
			ES	21 09 41.0	1.7			TIA	24.6	58	EP	21 40 42.6	- 0.1		
			S _m N			7.0	0.5	CN2	33.2	47	EP	21 42 00.8	0.1		

1984 9 30

O = 21 31 15.7 +/- 0.67 SEC

LAT = 8.57 S +/- 5.28 KM

LONG = 74.37 W +/- 1.86 KM

DEPTH = 144 KM +/- 5.92 KM

mb (NEIS) = 5.2

STATIONS USED = 46, STAND DEV = 3.67 SEC

CN2	140.9	337	EPKP	21 50 21.8	- 8.0		
WMQ	141.6	21	EPKP	21 50 25.0	- 6.0		
SNY	143.3	337	EPKP	21 50 29.4	- 4.4		
DL2	146.6	337	EPKP	21 50 39.0	- 0.4		
BTO	147.9	353	EPKP	21 50 41.9	0.1		
GTA	148.9	8	IPKP	21 50 43.8	0.4		
TIY	150.3	349	PKPD	21 50 50.8	5.2		
			PKP _m Z			1.0	0.06
TIA	150.6	340	EPKP	21 50 45.8	- 0.1		
SSE	153.3	329	EPKP	21 50 50.0	0.2		
NJ2	153.6	334	PKPD	21 50 57.5	13.2		
CD2	157.7	4	EPKP	21 50 55.5	- 0.3		
GYA	162.2	356	EPKP	21 51 01.2	0.5		

1984 9 30

O = 21 35 24.2 +/- 0.26 SEC

LAT = 25.53 N +/- 3.45 KM

LONG = 91.24 E +/- 2.77 KM

DEPTH = 32 KM +/- 0.13 KM

mb (NEIS) = 5.1, ML (CHINA) = 4.6/3

STATIONS USED = 24, STAND DEV = 3.59 SEC

KMI	10.4	89	EP	21 38 07.0	12.3		
CD2	12.3	61	P	21 38 17.6	- 2.2		

1984 9 30

O = 23 31 54.5 +/- 0.14 SEC

LAT = 64.61 N +/- 2.27 KM

LONG = 17.56 W +/- 2.54 KM

DEPTH = 11 KM +/- 0.35 KM

Ms (CHINA) = 5.1/1, Msz (NEIS) = 4.6, mb (NEIS) = 5.3

STATIONS USED = 45, STAND DEV = 2.10 SEC

WMQ	57.3	56	P	23 41 45.4	0.0		
			PS	23 49 51.0			
GTA	65.4	49	P	23 42 40.0	0.1		
BTO	67.4	40	EP	23 42 53.4	0.6		
HHC	67.6	39	EP	23 42 55.5	1.5		
CN2	68.1	28	PC	23 42 57.5	0.3		
			S	23 51 49.0	- 7.0		
SNY	69.6	30	PD	23 43 06.2	- 0.3		
LZH	69.7	47	PC	23 43 06.5	- 0.7		
			P _m Z			1.8	0.1
TIY	70.7	40	EP	23 43 13.9	0.4		
			XS	23 52 33.5	- 3.3		
			LN	Ms=5.1		14.0	0.8
XAN	73.2	44	EP	23 43 26.6	- 1.3		
CD2	74.4	49	EP	23 43 35.2	- 0.1		
NJ2	77.8	36	EP	23 43 55.0	0.7		
KMI	79.4	52	PD	23 44 03.5	0.1		
			ES	23 54 03.0	- 0.8		
			S _m N			10.0	0.3
GYA	79.5	48	P	23 44 04.4	0.7		
QZN	87.4	48	EP	23 44 32.0	- 12.2		