

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 10 1															
O = 06 35 09.4				+/- 0.22 SEC											
LAT = 2.37 N				+/- 3.55 KM											
LONG = 126.14 E				+/- 0.77 KM											
DEPTH = 256 KM				+/- 2.03 KM											
STATIONS USED = 7, STAND DEV = 2.62 SEC															
XAN	35.4	334	EP	06 41 42.5	- 0.5										
BJI	38.6	347	E(P)	06 42 04.5	- 5.1										
LZH	39.4	331	EP	06 42 20.0	- 3.4										
GTA	44.0	330	P	06 42 56.2	2.5										
1984 10 1															
O = 08 29 00.2				+/- 0.11 SEC											
LAT = 17.06 S				+/- 2.61 KM											
LONG = 167.12 E				+/- 3.54 KM											
DEPTH = 36 KM				+/- 0.64 KM											
mb (NEIS) = 4.8															
STATIONS USED = 13, STAND DEV = 2.29 SEC															
BJI	74.0	321	(P)	08 40 36.0	1.3										
LZH	79.8	312	EP	08 41 05.5	- 1.9										
GTA	84.2	314	EP	08 41 32.7	2.5										
1984 10 1															
O = 09 27 35.4				+/- 0.65 SEC											
LAT = 35.66 N				+/- 2.80 KM											
LONG = 139.94 E				+/- 3.45 KM											
DEPTH = 72 KM				+/- 5.17 KM											
mb (NEIS) = 4.9															
STATIONS USED = 56, STAND DEV = 2.11 SEC															
MDJ	11.9	321	EP	09 30 24.0	0.9										
CN2	13.8	310	EP	09 30 47.0	- 0.3										
			ES	09 33 25.0	6.9										
			LE			11.0	0.8								
SNY	14.2	300	EP	09 30 53.3	1.2										
			S	09 33 36.0	9.0										
			LE			11.0	0.5								
DL2	14.9	287	P	09 31 04.0	2.0										
			S	09 33 56.0	11.1										
			LE			10.0	0.6								
NJ2	17.9	264	EP	09 31 38.8	0.4										
			PP	09 31 56.0	- 1.0										
			LN			10.0	0.4								
TIA	18.5	278	PC	09 31 44.1	- 1.2										
			LN			11.5	0.6								
			LE			11.0	0.8								
BJI	19.3	290	EP	09 31 49.0	- 4.7										
1984 10 1															
O = 09 30 22.9				+/- 0.11 SEC											
LAT = 33.64 S				+/- 2.14 KM											
LONG = 177.26 W				+/- 2.38 KM											
DEPTH = 36 KM				+/- 0.56 KM											
mb (NEIS) = 5.2															
STATIONS USED = 26, STAND DEV = 1.19 SEC															
GZH	86.8	300	P	09 43 06.0	0.3										
NJ2	88.8	310	PC	09 43 15.7	0.4										
WHN	90.8	306	P	09 43 25.0	0.5										
MDJ	91.6	325	EP	09 43 28.3	- 0.2										
TIA	92.6	312	PD	09 43 33.1	0.0										
SNY	92.7	320	EP	09 43 32.1	- 1.2										
CN2	93.1	322	PD	09 43 33.8	- 1.4										
GYA	93.7	299	P	09 43 37.0	- 1.0										
BJI	95.7	314	EP	09 43 46.0	- 0.8										
1984 10 1															
O = 12 04 13.5				+/- 0.39 SEC											







October

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
			IS	01 57 06.5	4.0						S <sub>m</sub> N			8.0	1.8
			S <sub>m</sub> N			10.0	2.2	BJI	75.8	321	EP	01 48 59.0	2.1		
			S <sub>m</sub> E			10.0	0.7				P <sub>m</sub> N			6.0	0.6
			LN		Ms=5.3	14.0	0.7				P <sub>m</sub> E			6.0	0.8
			LE			15.0	1.2				P <sub>m</sub> Z			6.0	2.3
QZN	68.3	300	EP	01 48 10.0	- 2.4						ES	01 58 41.0	4.6		
			LN		Ms=5.3	13.0	1.2				S <sub>m</sub> N			12.0	3.1
NJ2	69.0	316	PU	01 48 15.0	- 1.7						S <sub>m</sub> E			11.0	1.7
			P <sub>m</sub> Z			6.0	1.6				LN		Ms=5.5	18.0	2.2
			S	01 57 12.0	- 7.0			TIY	76.6	317	EP	01 49 03.0	1.0		
			S <sub>m</sub> N			11.0	2.7				P <sub>m</sub> Z			7.0	1.6
			S <sub>m</sub> E			10.0	1.3				PCP	01 49 12.5	- 0.1		
			LE		Ms=5.5	17.0	2.3				PP	01 51 56.0	1.3		
WHN	71.1	312	PD	01 48 31.2	1.5						S	01 58 51.0	4.9		
			I	01 49 24.5							S <sub>m</sub> N			12.0	3.1
			S	01 57 46.5	2.7						LN		Ms=5.3	20.0	1.5
			S <sub>m</sub> N			11.0	2.3	XAN	76.9	312	EP	01 49 04.0	0.7		
			LN		Ms=5.5	16.0	2.2				P <sub>m</sub> Z			7.0	2.0
DL2	71.9	323	EP	01 48 33.0	- 1.1						ES	01 58 46.5	- 2.2		
			LN		Ms=5.5	11.0	1.2				S <sub>m</sub> N			11.0	2.8
			LE			11.0	0.9				S <sub>m</sub> E			11.5	1.5
MDJ	72.1	332	PC	01 48 34.4	- 1.0						SS	01 03 44.0	- 2.4		
			S	01 57 52.0	- 3.0						LN		Ms=5.6	18.0	2.0
			S <sub>m</sub> E			12.0	3.9				LE			18.0	1.4
TI A	72.8	318	EP	01 48 38.5	- 1.0			KMI	77.0	302	PR	01 49 04.0	- 0.2		
			P <sub>m</sub> N			7.0	0.6				PCP	01 49 11.0	- 3.2		
			P <sub>m</sub> Z			7.0	2.3				ES	01 58 52.0	1.7		
			LN		Ms=5.6	17.5	3.2				S <sub>m</sub> N			6.0	2.8
SNY	72.9	326	PU	01 48 40.0	- 0.1			CD2	79.0	307	EP	01 49 14.9	0.0		
			P <sub>m</sub> Z			7.0	1.0				ES	01 59 04.5	- 6.7		
			IS	01 58 04.5	0.5						LN		Ms=5.8	17.0	3.7
			S <sub>m</sub> N			7.0	0.7	BTO	79.8	318	IPU	01 49 20.0	0.3		
			S <sub>m</sub> E			11.0	2.2				ES	01 59 14.0	- 6.5		
			LN		Ms=5.5	20.0	1.4	LZH	81.5	312	EP	01 49 30.5	2.0		
			LE			20.0	2.2				ES	01 59 46.0	8.2		
CN2	73.4	329	PU	01 48 42.0	- 1.1						S <sub>m</sub> E			6.0	1.8
			P <sub>m</sub> N			4.0	0.7				LE		Ms=5.9	18.0	4.6
			P <sub>m</sub> E			4.0	0.7	GTA	85.9	313	P	01 49 50.3	- 0.4		
			P <sub>m</sub> Z			4.0	0.7				ES	02 00 15.0	- 6.7		
			ES	01 57 58.0	-11.7						LE		Ms=5.6	19.0	2.2
			S <sub>m</sub> N			8.0	1.7	LSA	88.3	302	P	01 50 04.8	2.3		
			S <sub>m</sub> E			8.0	1.6	WMQ	96.0	314	IPD	01 50 39.5	1.7		
			LN		Ms=5.4	16.0	1.6				EPP	01 54 30.0	- 1.6		
GYA	74.6	305	P	01 48 49.0	- 1.1						SKS	02 01 16.0	6.3		
			PP	01 51 38.0	0.2						ES	02 01 41.0	-11.1		
			S	01 58 27.0	3.8						LN		Ms=5.5	26.0	2.4



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
KSH	103.2	307	EP	01 51 11.0	0.8			GTA	85.9	313	P	03 13 42.0	- 2.9		
			LN		Ms=5.6	15.0	1.3								
<p>1984 10 2  O=02 07 50.9 +/- 0.17 SEC  LAT=18.63 S +/- 0.56 KM  LONG=168.11 E +/- 1.43 KM  DEPTH=27 KM +/- 1.25 KM  STATIONS USED=9, STAND DEV=0.74 SEC</p>								<p>1984 10 2  O=03 19 40.1 +/- 0.14 SEC  LAT=26.90 N +/- 2.42 KM  LONG=66.15 E +/- 1.78 KM  DEPTH=7 KM +/- 0.17 KM  Ms(CHINA)=5.3/16, mb(NEIS)=5.2  STATIONS USED=55, STAND DEV=1.78 SEC</p>							
MDJ	72.1	332	EP	02 19 15.0	- 0.5			KSH	15.0	30	P	03 23 13.0	- 1.3		
KMI	77.1	302	PC	02 19 45.5	1.1						S	03 25 53.0	- 8.8		
GTA	86.0	313	P	02 20 31.7	0.8						LN		Ms=5.7	10.0	24.5
<p>1984 10 2  O=02 23 41.5 +/- 0.69 SEC  LAT=26.34 N +/- 1.42 KM  LONG=66.17 E +/- 1.02 KM  DEPTH=18 KM +/- 4.93 KM  Ms(CHINA)=4.3/2, mb(NEIS)=4.8  STATIONS USED=29, STAND DEV=1.20 SEC</p>								<p>LSA 22.2 76 PD 03 24 38.5 - 0.7  S 03 28 48.0 8.6  S<sub>m</sub>N 8.0 0.9  S<sub>m</sub>E 8.0 0.7  LE Ms=4.5 9.5 0.9</p>							
KSH	15.0	30	EP	02 27 15.0	0.1			WMQ	24.3	40	P	03 25 00.0	0.8		
LSA	22.2	76	P	02 28 38.5	- 0.4						S	03 29 17.0	1.4		
			S	02 32 40.0	1.9						LN		Ms=5.2	24.0	9.4
			LN		Ms=4.2	12.0	0.6	CTA	30.6	57	P	03 25 58.0	0.1		
WMQ	24.3	40	P	02 29 00.0	0.8						ES	03 30 50.0	- 9.8		
			S	02 33 15.0	0.2						LE		Ms=5.0	10.0	1.8
			LN		Ms=4.5	13.0	0.9	KMI	32.9	84	EP	03 26 13.0	- 4.4		
CD2	33.1	73	P	02 30 18.0	- 0.7						ES	03 31 27.0	- 7.6		
GYA	36.1	81	EP	02 30 46.0	1.3						LN		Ms=5.3	16.0	5.2
XAN	37.3	68	EP	02 30 54.3	- 0.9			CD2	33.1	74	P	03 26 18.0	- 1.0		
WHN	42.2	73	EP	02 31 36.0	0.8						ES	03 31 38.0	0.6		
NJ2	45.8	70	EP	02 32 04.2	- 0.3						LN		Ms=5.4	11.0	4.3
CN2	50.2	54	EP	02 32 37.5	- 1.2			LZH	33.2	64	EP	03 26 20.5	- 0.2		
<p>1984 10 2  O=03 01 07.8 +/- 0.17 SEC  LAT=18.49 S +/- 1.73 KM  LONG=168.17 E +/- 3.71 KM  DEPTH=46 KM +/- 1.55 KM  mb(NEIS)=4.6  STATIONS USED=15, STAND DEV=1.63 SEC</p>								<p>GYA 36.1 81 EP 03 26 43.6 - 1.5  S 03 32 20.0 - 4.6  LN Ms=5.3 17.0 4.4</p>							
MDJ	72.0	332	EP	03 12 31.0	1.8			XAN	37.3	68	EP	03 26 54.1	- 1.4		
CN2	73.3	329	EP	03 12 38.0	1.0						ES	03 32 39.0	- 4.4		
GYA	74.6	305	P	03 12 45.4	0.9						LN		Ms=5.3	11.0	2.7
KMI	77.0	302	EP	03 12 55.0	- 3.7						LE			10.0	0.9
CD2	79.0	307	EP	03 13 11.2	1.9			BTO	38.6	57	E(P)	03 27 08.0	2.2		
<p>1984 10 2  O=03 01 07.8 +/- 0.17 SEC  LAT=18.49 S +/- 1.73 KM  LONG=168.17 E +/- 3.71 KM  DEPTH=46 KM +/- 1.55 KM  mb(NEIS)=4.6  STATIONS USED=15, STAND DEV=1.63 SEC</p>								<p>TIY 40.2 62 EP 03 27 20.6 1.0  WHN 42.2 73 P 03 27 37.0 1.5  ES 03 34 00.0 4.0  LN Ms=5.2 14.0 2.3</p>							
MDJ	72.0	332	EP	03 12 31.0	1.8			BJI	43.2	59	EP	03 27 43.5	- 0.5		
CN2	73.3	329	EP	03 12 38.0	1.0						ES	03 34 10.0	- 1.2		
GYA	74.6	305	P	03 12 45.4	0.9						LE		Ms=5.0	14.0	1.5
KMI	77.0	302	EP	03 12 55.0	- 3.7			TIA	44.0	64	EP	03 27 49.4	- 1.0		
CD2	79.0	307	EP	03 13 11.2	1.9										



October

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			LN		Ms=5.5	11.5	1.2				ES	04 48 08.0	2.9		
			LE			14.5	3.7				LE	Ms=5.2		12.0	12.4
NJ2	45.8	70	EP	03 28 03.0	- 1.8			TIA	14.0	318	EP	04 45 47.9	1.2		
			ES	03 34 44.0	- 4.6						ES	04 48 29.0	5.7		
			LN		Ms=5.3	12.0	2.2				LG <sub>1</sub>	04 49 42.2	- 3.3		
SNY	48.8	56	PC	03 28 28.0	- 0.6						LN	Ms=5.1		11.5	1.1
			LE		Ms=5.2	15.0	2.4				LE			11.5	8.8
CN2	50.2	54	P	03 28 37.8	- 1.1			DL2	14.0	337	EP	04 45 48.0	1.3		
											ES	04 48 25.0	1.7		
											SS	04 48 41.0	2.5		
											LN	Ms=5.2		10.0	6.3
											LE			10.0	5.5
								GZH	44.1	260	P	04 45 46.5	- 2.1		
											LN	Ms=5.1		10.0	6.4
											LE			9.0	2.6
								SNY	16.2	346	PC	04 46 15.8	0.7		
											P <sub>m</sub> Z			14.0	1.8
											ES	04 49 14.0	- 0.7		
											LE	Ms=4.8		10.0	3.0
								BJI	17.3	326	EP	04 46 30.0	1.0		
											P <sub>m</sub> N			7.0	0.8
											P <sub>m</sub> E			8.0	0.8
											P <sub>m</sub> Z			6.5	1.0
											ES	04 49 48.0	7.9		
											S <sub>m</sub> N			11.0	1.2
											LN	Ms=5.6		13.0	20.0
											LE			13.0	8.2
								CN2	17.8	352	PU	04 46 35.7	0.1		
											P <sub>m</sub> N			4.0	0.6
											P <sub>m</sub> Z			4.0	0.7
											ES	04 49 51.0	- 1.1		
											S <sub>m</sub> N			7.0	0.8
											S <sub>m</sub> E			7.0	1.0
											LN	Ms=5.5		12.0	14.9
								TIY	17.9	314	I PU	04 46 37.5	1.1		
											P <sub>m</sub> Z			5.0	1.3
											S	04 50 02.5	9.1		
											S <sub>m</sub> N			7.0	0.9
											S <sub>m</sub> E			7.0	0.8
											LN	Ms=5.5		12.0	13.3
											LE			12.0	7.9
								MDJ	18.5	2	EP	04 46 43.6	- 0.2		
											ES	04 50 04.0	- 3.0		
											LE	Ms=4.9		12.0	3.9
								QZN	18.6	251	PU	04 46 48.0	2.1		
											P <sub>m</sub> N			6.0	0.6

1984 10 2  
 O=03 41 52.8 +/- 0.29 SEC  
 LAT=18.58 S +/- 1.03 KM  
 LONG=168.12 E +/- 1.69 KM  
 DEPTH=35 KM +/- 2.01 KM  
 mb(NEIS)=4.9  
 STATIONS USED=29, STAND DEV=0.84 SEC

MDJ	72.0	332	EP	03 53 15.5	- 0.4		
CN2	73.4	329	EP	03 53 22.8	- 0.9		
GYA	74.6	305	P	03 53 31.4	0.5		
BJI	75.8	321	P	03 53 37.0	- 0.6		
XAN	76.9	312	P	03 53 43.8	- 0.3		
KMI	77.0	302	PC	03 53 46.5	1.4		
			AP	03 53 56.0	1.3		
			ES	04 03 23.0	- 7.6		
CD2	79.0	307	P	03 53 56.3	0.6		
LZH	81.5	312	PR	03 54 10.5	1.3		
			P <sub>m</sub> Z			2.0	0.08
GTA	85.9	313	P	03 54 32.3	0.8		
WMQ	96.0	314	P	03 55 18.5	0.0		

1984 10 2  
 O=04 42 26.0 +/- 0.64 SEC  
 LAT=26.13 N +/- 1.14 KM  
 LONG=128.52 E +/- 1.41 KM  
 DEPTH=12 KM +/- 4.36 KM  
 Ms(CHINA)=5.3/33, Msz(NEIS)=5.6  
 mb(NEIS)=5.6  
 STATIONS USED=98, STAND DEV=1.31 SEC

QZH	9.0	264	EP	04 44 38.5	- 1.2		
			ES	04 46 15.5	- 7.2		
			LE	Ms=4.8		11.5	7.3
NJ2	10.3	307	PD	04 44 57.7	0.6		
			S	04 46 53.0	- 0.9		
			LN	Ms=5.6		11.0	20.4
			LE			11.0	27.2
WHN	13.2	292	EP	04 45 36.8	0.1		



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			P <sub>m</sub> E			6.0	1.1								
			P <sub>m</sub> Z			8.0	1.7								
			S	04 50 19.0	8.2										
			LN		Ms=5.1	21.0	8.0								
			LE			21.0	6.3								
XAN	18.7	299	PC	04 46 46.1	- 0.5										
			S	04 50 22.0	9.8										
			LN		Ms=5.3	11.5	7.6								
			LE			11.0	2.4								
GYA	19.6	275	P	04 46 58.0	0.6										
			PP	04 47 18.0	3.3										
			S	04 50 40.0	7.2										
			LN		Ms=5.4	13.0	10.4								
			LE			13.0	4.7								
BTO	21.1	317	IPU	04 47 12.0	- 1.1										
			P <sub>m</sub> N			3.0	0.4								
			P <sub>m</sub> E			3.0	0.4								
			P <sub>m</sub> Z			3.0	0.6								
			LN		Ms=5.2	12.0	1.2								
			LE			12.0	5.6								
CD2	22.3	288	P	04 47 23.6	- 1.2										
			ES	04 51 29.0	4.1										
			LE		Ms=5.7	13.0	19.1								
KMI	23.3	273	IPC	04 47 36.5	1.6										
			P <sub>m</sub> Z			1.5	0.9								
			ES	04 51 46.0	2.7										
			LE		Ms=5.5	10.0	8.4								
LZH	23.3	301	IPC	04 47 34.5	- 0.6										
			IS	04 51 53.0	9.3										
			S <sub>m</sub> E			12.0	3.0								
			LE		Ms=5.1	6.0	1.8								
LSA	33.1	284	IPC	04 49 05.8	0.7										
			ES	04 54 25.0	1.1										
			LE		Ms=5.2	11.5	2.9								
WMQ	37.4	308	IPC	04 49 40.0	- 1.1										
			ES	04 55 22.0	- 7.0										
			LN		Ms=5.5	12.0	3.3								
			LE			12.0	3.3								
KSH	45.5	300	IPU	04 50 50.0	1.9										
			ES	04 57 39.0	9.3										
			LN		Ms=5.4	11.0	2.5								
1984 10 2															
O = 11 55 49.8 +/- 0.17 SEC															
LAT = 25.93 N +/- 2.67 KM															
LONG = 128.59 E +/- 2.39 KM															
DEPTH = 26 KM +/- 0.27 KM															
Ms(CHINA) = 4.4/13, Msz(NEIS) = 4.6, mb(NEIS) = 5.0															
STATIONS USED = 30, STAND DEV = 2.49 SEC															
QZH	9.1	265	EP	11 58 00.6	- 2.0										
			LE		Ms=3.7	12.0	0.6								
Bji	17.5	326	EP	11 59 53.0	- 0.7										
			LN		Ms=4.5	12.0	1.5								
			LE			12.0	0.6								
CN2	18.0	352	EP	12 00 00.5	0.1										
			ES	12 03 15.0	- 3.1										
			LN		Ms=4.5	12.0	1.3								
TIY	18.0	314	E(P)	12 00 01.8	1.0										
			LN		Ms=4.4	12.0	1.2								
			LE			12.0	0.6								
QZN	18.6	252	EP	12 00 11.0	3.1										
XAN	18.8	300	EP	12 00 08.0	- 2.6										
			LE		Ms=4.2	13.0	0.8								
GYA	19.7	276	P	12 00 18.0	- 2.3										
			LN		Ms=4.5	15.0	1.4								
CD2	22.4	288	EP	12 00 45.5	- 2.4										
			LE		Ms=4.5	13.0	1.2								
KMI	23.3	273	PD	12 00 59.0	1.5										
			LE		Ms=4.5	10.0	0.7								
GTA	27.6	306	IPC	12 01 35.1	- 2.3										
			ES	12 06 07.0	- 9.0										
			LE		Ms=4.4	14.2	0.7								
WMQ	37.6	308	P	12 03 02.0	- 2.4										
1984 10 2															
O = 13 22 41.8 +/- 0.61 SEC															
LAT = 18.58 S +/- 1.95 KM															
LONG = 168.14 E +/- 2.36 KM															
DEPTH = 28 KM +/- 4.21 KM															
Ms(CHINA) = 4.9/4, Msz(NEIS) = 4.8, mb(NEIS) = 5.5															
STATIONS USED = 50, STAND DEV = 1.44 SEC															
NJ2	69.0	316	EP	13 33 45.5	- 1.9										
			ES	13 42 45.0	- 4.6										
			SS	13 47 10.0	- 6.0										
WHN	71.1	312	EP	13 34 00.0	- 0.4										
MDJ	72.1	332	PD	13 34 06.0	0.1										
CN2	73.4	329	PR	13 34 12.8	- 0.8										
			P <sub>m</sub> N			5.0	0.3								
			P <sub>m</sub> E			5.0	0.2								
			P <sub>m</sub> Z			5.0	0.4								
			ES	13 43 33.0	- 7.0										
			S <sub>m</sub> N			7.0	0.3								



October

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 <sub>m</sub> E			7.0	0.3								
			LE		Ms=4.8	15.0	0.4								
GYA	74.6	305	P	13 34 21.0	0.1										
			S	13 43 56.0	1.9										
BJI	75.8	321	EP	13 34 27.5	- 0.1										
			ES	13 44 02.0	- 4.9										
			S <sub>m</sub> N			11.0	0.3								
			S <sub>m</sub> E			10.0	0.3								
			LN		Ms=4.9	14.0	0.5								
TIY	76.6	317	EP	13 34 34.0	1.3										
XAN	76.9	312	EP	13 34 33.8	- 0.3										
KMI	77.0	302	PD	13 34 36.0	0.9										
			ES	13 44 26.0	4.7										
			S <sub>m</sub> N			8.0	0.3								
CD2	79.0	307	EP	13 34 46.1	0.4										
LZH	81.5	312	EP	13 35 00.5	1.3										
GTA	85.9	313	P	13 35 22.1	0.7										
			LE		Ms=5.0	7.0	0.2								
LSA	88.3	301	PC	13 35 33.8	0.5										
WMQ	96.0	314	PD	13 36 08.5	0.0										
1984 10 2															
O = 15 43 25.3 +/- 1.12 SEC															
LAT = 27.05 N +/- 1.91 KM															
LONG = 131.20 E +/- 2.38 KM															
DEPTH = 25 KM +/- 7.53 KM															
Ms(CHINA) = 3.8/3															
STATIONS USED = 15, STAND DEV = 1.59 SEC															
NJ2	11.8	297	EP	15 46 13.5	- 1.3										
			LN		Ms=3.8	11.0	0.2								
			LE			12.0	0.4								
CN2	17.3	345	EP	15 47 28.0	1.7										
			(S)	15 50 27.0	- 9.4										
			LE		Ms=3.9	15.0	0.5								
BJI	18.0	319	EP	15 47 33.0	- 1.2										
XAN	20.4	295	EP	15 47 59.6	- 2.2										
HHC	21.3	315	E(P)	15 48 08.4	- 2.3										
GYA	21.9	274	P	15 48 21.2	3.9										
CD2	24.3	285	EP	15 48 39.5	- 1.0										
GTA	28.9	303	PC	15 49 22.2	- 0.6										
WMQ	38.7	307	P	15 50 48.3	0.6										
1984 10 2															
O = 19 41 49.7 +/- 0.47 SEC															
LAT = 18.48 S +/- 1.44 KM															
LONG = 168.04 E +/- 1.64 KM															
DEPTH = 27 KM +/- 3.18 KM															
Ms(CHINA) = 4.7/2, Ms(CHINA) = 4.8, mb(CHINA) = 5.5															
STATIONS USED = 65, STAND DEV = 1.11 SEC															
QZH	64.7	310	EP	19 52 27.5	- 0.6										
			S	20 01 12.0	6.7										
GZH	67.5	305	PR	19 52 47.4	1.0										
QZN	68.2	300	EP	19 52 51.0	0.3										
NJ2	68.9	316	EP	19 52 54.6	- 0.2										
			ES	20 01 55.0	- 1.4										
WHN	71.0	312	P	19 53 08.0	0.2										
MDJ	71.9	332	PD	19 53 13.5	0.2										
TIA	72.6	318	EP	19 53 17.5	0.0										
CN2	73.2	329	IPC	19 53 20.4	- 0.7										
			P <sub>m</sub> Z											3.0	0.3
			AP	19 53 28.0	- 1.5										
			ES	20 02 44.0	- 2.9										
			LE		Ms=4.8	15.0	0.4								
GYA	74.5	305	P	19 53 29.0	0.7										
			XP	19 53 39.0	- 1.3										
BJI	75.6	321	EP	19 53 32.5	- 2.5										
TIY	76.5	317	EP	19 53 40.0	- 0.1										
XAN	76.6	312	EP	19 53 41.8	0.3										
			AP	19 53 51.0	1.2										
			ES	20 03 32.0	5.7										
KMI	76.9	302	PC	19 53 43.5	1.0										
			P <sub>m</sub> Z											1.5	0.3
			AP	19 53 49.0	- 1.7										
			XP	19 53 55.0	0.6										
			ES	20 03 27.0	- 1.2										
			S <sub>m</sub> N			8.0	0.3								
CD2	78.9	307	EP	19 53 53.2	0.0										
			P <sub>m</sub> Z											1.2	0.1
			S	20 03 54.0	5.0										
HHC	78.9	319	EP	19 53 54.4	1.0										
BTO	79.7	318	EP	19 53 58.0	0.2										
LZH	81.4	312	IPC	19 54 08.0	1.3										
			P <sub>m</sub> Z											1.6	0.
			ES	20 04 23.0	7.5										
GTA	85.8	313	IPC	19 54 29.8	0.8										
LSA	88.2	302	PC	19 54 41.0	0.1										
WMQ	95.9	314	PC	19 55 15.8	- 0.3										
			P <sub>m</sub> Z											1.5	0.06
1984 10 2															
O = 21 28 33.6 +/- 0.36 SEC															
LAT = 33.71 N +/- 3.57 KM															



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	
<b>LONG = 132.03 E +/- 3.26 KM</b> <b>DEPTH = 64 KM +/- 5.00 KM</b> <b>mb(NEIS) = 4.5</b> <b>STATIONS USED = 22, STAND DEV = 2.93 SEC</b>								<b>O = 00 12 19.2 +/- 0.07 SEC</b> <b>LAT = 35.71 N +/- 1.37 KM</b> <b>LONG = 137.71 E +/- 1.24 KM</b> <b>DEPTH = 34 KM +/- 0.33 KM</b> <b>Ms(CHINA) = 4.6/25, mb(NEIS) = 5.1</b> <b>STATIONS USED = 67, STAND DEV = 1.35 SEC</b>								
SNY	10.5	322	EP	21 31 06.4	2.5			MDJ	10.8	327	EP	00 14 56.0	0.7			
			LN			2.0	0.2				ES	00 16 53.0	- 3.6			
			LE			1.0	0.04				LE	Ms=4.5		14.0	3.1	
NJ2	11.2	265	PD	21 31 13.0	- 0.4			CN2	12.4	314	PU	00 15 16.0	- 0.5			
CN2	11.3	334	EP	21 31 17.6	2.8						P <sub>m</sub> Z			4.0	0.5	
TIA	12.5	285	EP	21 31 30.5	- 0.1						ES	00 17 37.0	2.3			
BJI	14.2	301	(P)	21 31 52.5	- 0.1						LN	Ms=4.4		11.0	1.8	
TIY	16.4	289	EP	21 32 21.8	0.3			SNY	12.6	303	I PR	00 15 20.0	1.0			
HHC	17.8	299	EP	21 32 35.2	- 3.1						ES	00 17 45.0	5.8			
BTO	18.8	297	EP	21 32 50.0	- 1.0						LN	Ms=4.4		15.0	1.2	
XAN	19.2	277	EP	21 32 54.5	- 0.6						LE			17.0	2.4	
LZH	23.2	283	EP	21 33 34.0	- 2.1			DL2	13.2	288	EP	00 15 32.0	5.1			
CD2	24.0	271	EP	21 33 41.0	- 2.9						LN	Ms=4.7		12.0	2.0	
WMQ	35.6	299	EP	21 35 24.5	- 3.3						LE			12.0	2.7	
1984 10 2								1984 10 2								
O = 22 13 31.0 +/- 0.24 SEC								O = 00 12 19.2 +/- 0.07 SEC								
LAT = 30.76 N +/- 3.20 KM								LAT = 35.71 N +/- 1.37 KM								
LONG = 88.74 E +/- 2.77 KM								LONG = 137.71 E +/- 1.24 KM								
DEPTH = 13 KM +/- 0.28 KM								DEPTH = 34 KM +/- 0.33 KM								
Ms(CHINA) = 3.8/3, mb(NEIS) = 4.4,								Ms(CHINA) = 4.6/25, mb(NEIS) = 5.1								
STATIONS USED = 17, STAND DEV = 4.24 SEC								STATIONS USED = 67, STAND DEV = 1.35 SEC								
LSA	2.3	116	IPNC	22 14 13.4	3.0			NJ2	16.1	262	PC	00 16 06.0	1.5			
			PG	22 14 15.4	1.7						S	00 19 11.0	9.4			
			SG	22 14 46.6	2.2						LN	Ms=4.5		10.0	1.4	
			S <sub>m</sub> N			1.2	0.8				LE			10.0	0.6	
			LE			2.6	14.4				TIA	16.7	277	PC	00 16 12.7	0.6
GTA	12.5	43	EP	22 16 29.7	- 2.4						XP	00 16 25.0	0.5			
			LE			Ms=3.6	12.0	0.5			S	00 19 24.0	8.5			
CD2	12.9	85	(P)	22 16 39.4	2.0						S <sub>m</sub> N			9.5	0.4	
KMI	13.6	110	EP	22 16 46.0	- 0.5						S <sub>m</sub> E			9.5	0.2	
			ES	22 19 14.0	- 4.9						LN	Ms=4.8		11.0	0.7	
			S <sub>m</sub> N			10.0	0.8				LE			11.0	2.7	
GYA	16.3	100	P	22 17 22.4	0.5			BJI	17.5	290	EP	00 16 23.0	0.2			
XAN	17.4	73	EP	22 17 32.2	- 2.8						P <sub>m</sub> Z			4.0	1.1	
			LN			Ms=4.1	10.0	0.3			XP	00 16 35.0	- 0.3			
			LE			11.0	0.5				(S)	00 19 42.0	7.0			
TIY	20.8	64	EP	22 18 11.8	- 2.7						S <sub>m</sub> N			7.0	0.4	
			LN			Ms=3.7	7.0	0.1			S <sub>m</sub> E			6.0	0.5	
WHN	22.0	83	EP	22 18 23.0	- 4.3						XS	00 19 50.0	2.9			
1984 10 3								1984 10 3								
								QZH								
								19.6 242 PU 00 16 47.0 - 1.1								
								ES 00 20 30.5 8.1								
								LN Ms=4.1 12.0 0.5								
								WHN 20.2 261 PC 00 16 55.0 0.8								
								P <sub>m</sub> Z 1.5 0.09								
								S 00 20 33.0 - 1.3								
								LN Ms=4.7 12.0 2.2								



October



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
TIY	20.3	283	EP	00 16 55.0	- 0.7			QZN	32.0	325	EP	03 48 48.9	0.2		
			AP	00 17 05.0	0.8			QZH	33.6	344	PD	03 49 01.3	- 1.1		
			LE	Ms=4.7		11.0	1.9	GZH	33.7	334	PU	03 49 03.5	0.1		
HHC	21.1	291	P	00 17 03.0	- 0.7			GYA	39.8	328	P	03 49 54.6	0.7		
			AP	00 17 12.0	- 0.5			WHN	40.1	341	IPC	03 49 58.0	1.1		
			XP	00 17 16.0	- 0.8			NJ2	40.4	347	PC	03 49 59.0	0.2		
			S	00 20 55.0	2.8			KMI	40.9	323	PC	03 50 05.0	1.9		
			XS	00 21 06.3	0.3			CD2	44.9	329	P	03 50 35.3	0.3		
			LE	Ms=4.5		12.0	1.1	XAN	45.2	337	EP	03 50 39.2	1.3		
BTO	22.3	290	EP	00 17 13.0	- 2.2			TIY	47.4	342	PU	03 50 54.0	- 0.7		
			AP	00 17 22.0	- 2.1			BJI	48.6	347	EP	03 51 03.5	- 0.9		
			ES	00 21 19.0	5.5			LZH	49.1	333	IPC	03 51 08.5	0.5		
			LN	Ms=4.6		12.0	0.5				P <sub>m</sub> Z			1.6	0.2
			LE			12.0	1.3	SNY	49.3	355	EP	03 51 08.6	- 0.9		
XAN	23.6	274	EP	00 17 27.0	- 1.6			HHC	50.5	343	P	03 51 19.2	0.3		
			ES	00 21 43.0	5.1			BTO	50.8	342	EP	03 51 18.9	- 1.7		
			LN	Ms=4.5		12.0	0.6	CN2	51.2	357	PC	03 51 22.0	- 1.5		
			LE			12.0	0.8	MDJ	51.9	1	EP	03 51 28.0	- 1.2		
GZH	24.6	245	IPR	00 17 39.5	1.7			GTA	53.6	332	IPC	03 51 42.5	0.7		
			LN	Ms=4.6		12.0	0.7	WMQ	62.9	328	P	03 52 46.5	0.4		
			LE			13.0	0.9								
LZH	27.4	280	EP	00 18 01.5	- 2.3			1984 10 3							
			P <sub>m</sub> Z			1.5	0.08	O=05 59 58.6	+/- 0.15 SEC						
GYA	28.0	259	P	00 18 08.4	- 1.6			LAT=41.60 N	+/- 1.67 KM						
			XP	00 18 20.0	- 3.2			LONG=88.86 E	+/- 1.61 KM						
			LN	Ms=4.7		12.0	1.1	DEPTH=0 KM	+/- 0.12 KM						
CD2	28.7	270	EP	00 18 12.9	- 2.7			mb(NEIS)=5.3, ML(CHINA)=4.9/2							
			(S)	00 23 06.0	4.9			STATIONS USED=42, STAND DEV=1.61 SEC							
			LN	Ms=4.9		10.0	1.5	WMQ	2.4	339	IPNC	06 00 41.5	1.9		
GTA	30.1	288	P	00 18 26.8	- 1.7						SG	06 01 15.0	1.8		
KMI	31.8	260	EP	00 18 42.0	- 1.4			GTA	8.6	101	P	06 02 07.8	- 0.1		
			AP	00 18 51.5	- 1.0						LG <sub>1</sub>	06 04 28.9	- 0.7		
			XP	00 18 55.0	- 1.7						LG <sub>2</sub>	06 04 39.5	- 3.8		
			ES	00 23 51.5	0.8						LN			1.8	1.2
			LN	Ms=4.8		12.0	1.2				LE			1.9	1.2
WMQ	38.8	297	P	00 19 42.5	- 0.3			KSH	10.0	261	P	06 02 25.0	- 2.5		
LSA	39.3	274	EP	00 19 47.1	- 0.8						ES	06 04 13.0	- 9.3		
KSH	48.2	293	EP	00 20 59.0	- 0.2						LE			4.0	1.4
								LSA	12.0	170	EP	06 02 55.6	0.7		
								LZH	12.9	110	PD	06 03 04.5	- 2.0		
											ES	06 05 29.0	- 3.3		
											LE			8.0	0.4
								BTO	16.0	86	EP	06 03 45.2	- 1.6		
								CD2	16.0	126	P	06 03 51.5	4.0		
								HHC	17.1	84	EP	06 04 01.4	0.5		
								XAN	17.5	108	EP	06 04 06.8	0.5		
1984 10 3															
O=03 42 39.7				+/- 0.42 SEC											
LAT=7.54 S				+/- 1.60 KM											
LONG=128.23 E				+/- 2.33 KM											
DEPTH=212 KM				+/- 4.40 KM											
mb(NEIS)=5.2															
STATIONS USED=59, STAND DEV=1.72 SEC															



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
TIY	18.5	94	EP	06 04 19.5	0.6		
KMI	20.1	140	EP	06 04 35.0	- 1.9		
			ES	06 08 13.0	- 5.1		
BJI	20.7	85	EP	06 04 43.0	- 0.2		
GYA	21.1	130	P	06 04 46.4	- 0.6		
WHN	23.3	110	PC	06 05 10.8	1.7		
			P <sub>m</sub> Z			1.0	0.2
NJ2	25.7	102	EP	06 05 33.5	0.9		
SNY	25.8	77	EP	06 05 33.5	0.1		
CN2	26.8	72	EP	06 05 39.2	- 3.8		
QZN	28.7	135	EP	06 06 04.0	3.9		
MDJ	29.7	70	EP	06 06 08.0	- 0.6		
1984 10 3							
O=09 33 37.1 +/- 0.08 SEC							
LAT=26.17 N +/- 0.97 KM							
LONG=128.67 E +/- 1.30 KM							
DEPTH=32 KM +/- 0.11 KM							
mb(NEIS)=4.9							
STATIONS USED=6, STAND DEV=1.59 SEC							
CN2	17.8	352	E(P)	09 37 46.0	2.0		
XAN	18.8	299	PC	09 37 57.6	1.2		
KMI	23.4	273	PD	09 38 45.0	0.6		
GTA	27.5	305	P	09 39 21.0	- 2.0		
1984 10 3							
O=14 30 42.6 +/- 0.18 SEC							
LAT=18.45 S +/- 1.43 KM							
LONG=168.02 E +/- 1.72 KM							
DEPTH=36 KM +/- 1.57 KM							
Ms(CHINA)=4.8/1, Msz(NEIS)=4.5, mb(NEIS)=5.0							
STATIONS USED=34, STAND DEV=1.21 SEC							
WHN	71.0	312	EP	14 41 56.4	- 2.7		
MDJ	71.9	332	EP	14 42 04.5	0.0		
CN2	73.2	329	PR	14 42 11.7	- 0.6		
			P <sub>m</sub> Z			4.0	0.5
			ES	14 51 26.0	-11.0		
			LE	Ms=4.8		15.0	0.4
GYA	74.4	305	P	14 42 20.6	1.0		
BJI	75.6	321	P	14 42 25.0	- 1.2		
XAN	76.7	312	EP	14 42 33.4	0.6		
KMI	76.9	302	PD	14 42 34.5	0.7		
			AP	14 42 45.0	1.1		
			ES	14 52 18.0	- 0.4		
CD2	78.8	307	EP	14 42 45.5	1.0		
HHC	78.9	319	EP	14 42 45.9	1.2		

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
GTA	85.7	313	P	14 43 21.3	1.0		
WMQ	95.8	314	P	14 44 07.5	0.1		
1984 10 3							
O=17 03 06.2 +/- 0.12 SEC							
LAT=22.05 S +/- 1.57 KM							
LONG=179.58 W +/- 1.59 KM							
DEPTH=604 KM +/- 1.17 KM							
mb(NEIS)=5.2							
STATIONS USED=33, STAND DEV=0.87 SEC							
GZH	79.2	300	P	17 14 12.5	0.8		
NJ2	79.7	310	PD	17 14 15.0	0.5		
MDJ	80.9	325	EP	17 14 20.5	- 0.2		
CN2	82.6	323	PD	17 14 29.0	- 0.3		
XAN	87.9	308	EP	17 14 55.2	0.5		
KMI	88.7	297	EP	17 14 56.5	- 2.4		
HHC	89.4	314	P	17 15 02.6	0.9		
GTA	96.8	309	EP	17 15 36.1	0.6		
1984 10 3							
O=20 24 56.1 +/- 0.15 SEC							
LAT=5.99 S +/- 0.82 KM							
LONG=105.54 E +/- 1.12 KM							
DEPTH=50 KM +/- 1.36 KM							
mb(NEIS)=5.0							
STATIONS USED=10, STAND DEV=0.67 SEC							
GTA	45.5	353	EP	20 33 12.0	- 0.9		
CN2	52.7	18	EP	20 34 08.6	0.1		
1984 10 3							
O=21 44 20.4 +/- 0.63 SEC							
LAT=6.33 S +/- 2.60 KM							
LONG=103.00 E +/- 3.13 KM							
DEPTH=36 KM +/- 5.53 KM							
Ms(CHINA)=5.2/14, mb(NEIS)=5.2							
STATIONS USED=52, STAND DEV=2.14 SEC							
QZN	26.1	14	EP	21 49 53.6	0.7		
			S	21 54 15.0	- 4.8		
			LN	Ms=5.0		11.0	0.9
			LE			12.0	2.4
KMI	31.3	359	PR	21 50 40.0	0.3		
GYA	32.8	6	P	21 50 52.6	- 0.3		
			S	21 56 10.0	3.3		
			LN	Ms=5.2		13.0	2.8
			LE			13.0	1.9
LSA	37.6	342	EP	21 51 34.0	- 0.2		



October

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			ES	21 57 23.5	2.0			<b>Ms(CHINA) = 4.6/3, mb(NEIS) = 4.7</b> <b>STATIONS USED = 19, STAND DEV = 2.00 SEC</b>							
WHN	38.2	15	LE		Ms=4.7	15.0	0.8	LSA	4.6	334	IPC	21 47 14.0	3.0		
			EP	21 51 38.8	- 0.4						S	21 48 03.5	- 0.8		
			ES	21 57 30.0	- 0.5			KMI	8.4	90	EP	21 48 04.5	0.3		
			LN		Ms=4.9	18.0	1.5	CD2	10.6	57	EP	21 48 32.7	- 0.4		
XAN	40.5	7	EP	21 51 55.8	- 2.5						LE		Ms=4.6	14.0	4.5
			AP	21 52 11.0	2.8			GYA	11.9	82	P	21 48 49.4	- 2.5		
			XP	21 52 16.0	3.3			LZH	13.8	37	EP	21 49 15.5	- 0.9		
			S	21 58 03.8	- 1.4			GTA	14.8	19	EP	21 49 28.7	- 1.2		
			LN		Ms=5.4	13.0	2.7				LE		Ms=4.6	18.0	3.3
			LE			14.0	3.1	XAN	15.9	54	EP	21 49 40.0	- 3.3		
NJ2	41.1	20	PR	21 52 03.0	0.5			QZN	16.5	109	EP	21 49 53.6	2.4		
			S	21 58 12.0	- 0.7						LN		Ms=4.7	11.0	0.9
			LN		Ms=5.0	12.0	1.3				LE			12.0	2.4
TIA	44.3	16	EP	21 52 28.4	- 1.0			HHC	21.5	40	* EP	21 50 47.2	- 0.4		
			EPP	21 54 12.6	- 1.5			<b>1984 10 3</b> <b>O = 23 55 22.3 +/- 0.80 SEC</b> <b>LAT = 6.10 S +/- 6.33 KM</b> <b>LONG = 75.87 W +/- 7.27 KM</b> <b>DEPTH = 55 KM +/- 6.86 KM</b> <b>Msz(NEIS) = 4.3, mb(NEIS) = 5.3</b> <b>STATIONS USED = 30, STAND DEV = 5.80 SEC</b>							
			S	21 59 02.0	1.0			BJI	144.5	343	PKP	24 14 52.0	- 1.7		
			LN		Ms=5.1	24.0	1.8	HHC	144.8	350	PKP	24 14 53.8	- 0.4		
			LE			22.0	1.6	BTO	145.3	352	PKP	24 14 54.5	- 0.6		
TIY	44.7	10	EP	21 52 31.8	- 0.4			GTA	146.6	6	PKP	24 14 58.7	1.3		
			S	21 59 09.5	3.4			TIY	147.6	347	PKP	24 15 01.8	2.8		
			LN		Ms=5.3	15.0	1.8	TIA	147.8	340	EPKP	24 14 59.0	- 0.1		
			LE			14.0	1.8	LZH	150.2	0	EPKP	24 15 04.5	1.4		
BTO	47.1	7	P	21 52 52.1	0.5						PKP <sub>m Z</sub>			1.5	0.1
			LN		Ms=5.3	12.0	1.4	SSE	150.4	329	PKP	24 15 08.3	5.0		
			LE			12.0	1.2	NJ2	150.7	333	PKP	24 15 09.0	5.2		
HHC	47.6	8	E(P)	21 52 55.0	- 0.3			LSA	153.5	26	PKP	24 15 09.6	1.3		
BJI	47.7	13	EP	21 52 55.0	- 1.0			CD2	155.3	0	EPKP	24 15 20.0	9.7		
WMQ	51.8	345	P	21 53 25.3	- 2.2			KMI	161.0	3	EPKP	24 15 17.5	0.1		
			P <sub>m Z</sub>			1.5	0.1	<b>1984 10 4</b> <b>O = 02 57 06.8 +/- 0.38 SEC</b> <b>LAT = 29.61 N +/- 1.29 KM</b> <b>LONG = 141.27 E +/- 1.52 KM</b> <b>DEPTH = 88 KM +/- 3.45 KM</b> <b>mb(NEIS) = 5.1</b> <b>STATIONS USED = 54, STAND DEV = 1.25 SEC</b>							
			PCP	21 54 42.5	3.0										
			ES	22 00 37.0	- 9.1										
KSH	52.0	333	P	21 53 31.0	2.3										
			S	22 00 53.0	4.6										
			LE		Ms=5.2	15.0	1.7								
CN2	53.9	20	PU	21 53 40.0	- 2.8										
			P <sub>m Z</sub>			3.0	0.3								
			ES	22 01 04.0	- 10.1										
			LN		Ms=5.1	15.0	1.4								
MDJ	56.1	22	EP	21 54 01.0	2.2										
<b>1984 10 3</b> <b>O = 21 46 01.6 +/- 0.21 SEC</b> <b>LAT = 25.55 N +/- 2.48 KM</b> <b>LONG = 93.42 E +/- 1.26 KM</b> <b>DEPTH = 55 KM +/- 2.51 KM</b>															



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
MDJ	17.6	331	EP	03 01 05.0	- 3.0			TIY	91.7	311	E(P)	09 54 54.5	0.6		
CN2	19.0	322	EP	03 01 24.6	0.7			XAN	92.3	306	EP	09 54 57.4	1.0		
NJ2	19.4	282	EP	03 01 28.0	- 0.5			CD2	94.6	302	EP	09 55 09.1	2.0		
			ES	03 05 05.0	7.2			1984 10 4							
			SS	03 05 33.0	4.9			O = 10 15 10 5	+/- 0.32 SEC						
QZH	20.7	262	EP	03 01 42.0	0.2			LAT = 37.73 N	+/- 1.86 KM						
			S	03 05 35.0	12.1			LONG = 21.07 E	+/- 1.42 KM						
			S <sub>m</sub> E			8.0	0.3	DEPTH = 38 KM	+/- 2.61 KM						
TIA	21.3	294	EP	03 01 47.7	- 0.3			mb(NEIS) = 5.0							
WHN	23.3	279	EP	03 02 08.5	0.8			STATIONS USED = 36, STAND DEV = 0.95 SEC							
TIY	25.2	296	E(P)	03 02 29.5	2.9			KSH	42.4	70	EP	10 23 02.0	- 1.6		
BTO	27.7	301	EP	03 02 47.7	- 1.4			WMQ	49.6	60	P	10 24 01.2	0.5		
XAN	27.8	287	EP	03 02 47.9	- 1.9			GTA	59.7	61	EP	10 25 13.4	- 0.7		
GYA	30.6	272	P	03 03 14.0	- 1.4			CD2	66.5	68	P	10 26 00.0	0.6		
CD2	32.3	281	EP	03 03 28.8	- 1.3			XAN	68.6	63	EP	10 26 13.0	0.4		
KMI	34.4	271	EP	03 03 47.0	- 1.1			KMI	68.8	74	PD	10 26 13.5	- 0.4		
GTA	35.3	297	EP	03 03 54.8	- 0.6			GYA	71.1	70	P	10 26 27.6	0.1		
			PCP	03 06 25.7	1.8			CN2	73.9	46	PC	10 26 43.4	- 0.6		
WMQ	44.5	303	P	03 05 11.0	- 0.6			NJ2	76.7	59	EP	10 27 01.0	0.9		
			S	03 11 39.5	- 0.4			QZN	77.7	75	EP	10 27 06.7	1.0		
			S <sub>m</sub> N			2.0	0.04	1984 10 4							
1984 10 4								O = 04 20 26.0	+/- 1.91 SEC						
1984 10 4								LAT = 34.00 N	+/- 4.13 KM						
1984 10 4								LONG = 141.62 E	+/- 3.69 KM						
1984 10 4								DEPTH = 24 KM	+/- 11.42 KM						
1984 10 4								mb(NEIS) = 4.7							
1984 10 4								STATIONS USED = 20, STAND DEV = 1.79 SEC							
MDJ	14.1	322	EP	04 23 49.5	2.9			QZN	30.1	342	EP	16 38 01.0	0.1		
CN2	15.9	312	EP	04 24 08.0	- 2.4						AP	16 38 15.5	3.4		
			ES	04 26 58.0	- 8.6						S	16 42 47.0	- 8.3		
			LE			12.0	0.5				XS	16 43 10.0	- 4.2		
SNY	16.2	304	EP	04 24 11.6	- 2.6						LN	Ms = 6.0	18.0	17.5	
BTO	25.9	293	EP	04 25 57.9	- 0.5						LE		23.0	31.0	
XAN	27.0	279	EP	04 26 06.2	- 2.7			GZH	33.2	350	PR	16 38 29.0	0.4		
WMQ	42.4	299	EP	04 28 21.0	- 0.1						XP <sup>1</sup>	16 38 47.0	1.9		
1984 10 4											IS	16 43 50.0	5.4		
1984 10 4											LN	Ms = 5.6	18.0	7.7	
1984 10 4											LE		19.0	7.6	
1984 10 4								O = 09 41 55.2	+/- 0.07 SEC						
1984 10 4								LAT = 26.03 S	+/- 0.85 KM						
1984 10 4								LONG = 176.87 W	+/- 1.19 KM						
1984 10 4								DEPTH = 98 KM	+/- 0.77 KM						
1984 10 4								mb(NEIS) = 4.9							
1984 10 4								STATIONS USED = 14, STAND DEV = 0.96 SEC							
CN2	87.3	322	P	09 54 31.0	- 2.0			QZH	34.6	359	IPU	16 38 41.0	0.2		
											P <sub>m</sub> N		7.0	1.1	
											P <sub>m</sub> Z		7.0	2.2	
											S	16 44 07.0	0.4		
											LN	Ms = 5.8	18.0	12.3	
											LE		16.0	6.1	



October

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
GYA	38.0	342	PU	16 39 10.0	0.5						LE			18.0	11.8
			PP	16 40 48.0	8.8			LSA	47.5	326	PC	16 40 26.6	- 0.5		
			S	16 44 52.0	- 6.7						AP	16 40 41.0	2.8		
			LN		Ms=5.9	15.0	12.1				PP	16 42 12.5	- 4.2		
			LE			15.0	7.6				S	16 47 15.0	- 3.6		
KMI	38.2	336	PC	16 39 12.0	1.2						S <sub>m</sub> N			7.0	2.0
			S	16 45 03.0	1.8						LN		Ms=5.7	18.0	0.6
			LE		Ms=6.1	16.0	23.2				LE			17.0	6.7
WHN	40.4	354	IPC	16 39 31.2	1.7			TIY	47.7	353	PU	16 40 27.5	- 0.9		
			P <sub>m</sub> Z			0.9	0.2				P <sub>m</sub> Z			7.0	1.8
			PP	16 41 11.0	4.5						AP	16 40 42.5	2.7		
			S	16 45 40.0	5.0						XP	16 40 46.5	1.5		
			S <sub>m</sub> N			9.0	2.6				PP	16 42 12.0	- 6.6		
			LN		Ms=5.8	19.0	12.4				PP <sub>m</sub> Z			7.0	1.7
NJ2	41.7	0	PC	16 39 41.4	1.4						S	16 47 13.0	- 8.0		
			P <sub>m</sub> Z			6.5	3.0				SCS	16 50 16.5	2.3		
			XP	16 39 59.5	2.7						LN		Ms=6.0	19.0	13.4
			PP	16 41 18.0	- 1.9						LE			20.0	10.8
			IS	16 45 55.0	1.0			LZH	47.9	343	IPC	16 40 30.0	0.5		
			S <sub>m</sub> N			10.0	2.3				P <sub>m</sub> Z			6.0	3.3
			XS	16 46 17.0	3.7						AP	16 40 37.5	- 3.3		
			LN		Ms=5.7	15.0	7.3				S	16 47 23.0	0.1		
			LE			15.0	4.4				S <sub>m</sub> N			8.5	2.8
CD2	43.1	340	PU	16 39 51.0	- 0.1						LN		Ms=6.1	20.0	16.6
			XP	16 40 08.5	0.7						LE			18.0	8.5
			PP	16 41 34.0	0.6			DL2	48.6	2	EP	16 40 33.5	- 1.7		
			S	16 46 17.0	3.1						XP	16 40 49.0	- 3.0		
			LN		Ms=6.3	17.0	32.9				S	16 47 28.0	- 5.3		
XAN	44.7	348	PC	16 40 03.9	- 0.4						LN		Ms=5.9	16.0	10.9
			P <sub>m</sub> Z			7.0	2.0	BJI	49.7	357	EP	16 40 43.0	- 0.8		
			XP	16 40 21.0	0.1						P <sub>m</sub> Z			7.0	2.1
			PP	16 41 56.0	6.5						AP	16 40 59.0	3.6		
			S	16 46 36.0	- 1.5						ES	16 47 50.0	1.1		
			S <sub>m</sub> N			7.0	2.3				S <sub>m</sub> E			6.0	1.0
			S <sub>m</sub> E			7.0	2.8				LN		Ms=6.0	20.0	15.4
			LN		Ms=6.1	15.0	18.7				LE			17.0	3.3
TIA	45.9	358	P	16 40 13.1	- 0.7			BTO	50.9	351	P	16 40 51.4	- 1.3		
			P <sub>m</sub> Z			8.0	1.8				S	16 48 06.0	0.9		
			XP	16 40 35.3	4.8						SCS	16 50 35.0	- 0.3		
			PP	16 41 54.7	- 6.5						LN		Ms=5.9	18.0	8.6
			SCP	16 45 42.7	4.9						LE			15.0	5.5
			S	16 46 51.6	- 3.0			HHC	50.9	352	PU	16 40 52.8	- 0.2		
			S <sub>m</sub> N			11.0	2.3				PP	16 42 51.0	1.7		
			S <sub>m</sub> E			6.0	1.2				S	16 48 09.0	3.4		
			XS	16 47 18.5	4.4						SS	16 51 42.0	5.4		
			LN		Ms=6.2	21.0	22.9				LN		Ms=5.8	20.0	10.2



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
SNY	51.7	4	IPU	16 40 57.0	- 1.4			DEPTH = 128 KM +/- 5.92 KM mb(NEIS) = 4.4 STATIONS USED = 20, STAND DEV = 1.48 SEC							
			P <sub>m</sub> Z			7.0	3.1								
			AP	16 41 13.0	3.0										
			PCP	16 42 10.5	- 0.3										
			PP	16 42 56.0	0.3										
			PCS	16 46 08.5	1.2										
			S	16 48 14.5	- 0.9										
			S <sub>m</sub> N			5.0	2.3								
			S <sub>m</sub> E			5.5	2.0								
			LN	Ms=5.9	30.0	10.5									
GTA	52.1	341	IPC	16 41 02.1	0.1			1984 10 4 O = 19 13 41.6 +/- 0.09 SEC LAT = 47.29 N +/- 0.78 KM LONG = 27.18 W +/- 2.93 KM DEPTH = 7 KM +/- 0.44 KM mb(NEIS) = 4.7 STATIONS USED = 12, STAND DEV = 2.00 SEC							
			S	16 48 21.9	- 0.3										
			S <sub>m</sub> N			9.4	1.2								
			SCS	16 50 49.4	5.6										
			LN	Ms=6.1	20.0	8.7									
			LE		17.0	15.4									
			PC	16 41 12.0	- 2.3										
			P <sub>m</sub> Z			4.0	1.7								
			AP	16 41 28.0	2.0										
			PCP	16 42 19.0	0.2										
CN2	53.8	5	EPP	16 43 15.0	- 0.9			GTA 81.6 38 P 19 26 01.8 - 1.1 BTO 84.6 31 EP 19 26 17.3 - 0.7 LZH 86.1 37 EP 19 26 25.0 - 0.8  1984 10 4 O = 20 11 00.3 +/- 0.32 SEC LAT = 25.24 N +/- 2.76 KM LONG = 125.17 E +/- 2.51 KM DEPTH = 62 KM mb(NEIS) = 4.2 STATIONS USED = 15, STAND DEV = 1.76 SEC							
			PP <sub>m</sub> Z			5.0	1.3								
			ES	16 48 38.0	- 6.5										
			EXS	16 49 05.0	0.8										
			LN	Ms=5.7	14.0	3.4									
			LE		14.0	2.6									
			PC	16 41 23.3	- 0.8										
			PP	16 43 25.0	- 3.1										
			S	16 49 02.0	- 0.6										
			LE	Ms=5.9	22.0	11.5									
WMQ	60.5	334	P	16 42 00.0	- 1.7			NJ2 8.8 322 EP 20 13 07.0 1.9 TIY 16.5 321 EP 20 14 48.8 3.9 CN2 18.5 0 EP 20 15 06.0 - 2.5 HHC 19.3 327 EP 20 15 15.2 - 1.2 CD2 19.7 291 EP 20 15 20.4 - 0.6 BTO 19.9 324 EP 20 15 21.5 - 1.2							
			PCP	16 42 40.7	- 4.1										
			PP	16 44 21.0	5.0										
			IS	16 50 15.0	2.4										
			S <sub>m</sub> N			8.0	2.8								
			S <sub>m</sub> E			6.0	1.9								
			LN	Ms=6.1	15.0	11.3									
			PU	16 42 20.0	0.2										
			S	16 50 46.0	- 0.7										
			LE	Ms=6.1	26.0	16.0									
KSH	63.1	323						1984 10 4 O = 20 53 35.3 +/- 0.53 SEC LAT = 45.00 N +/- 0.91 KM LONG = 81.27 E +/- 0.62 KM DEPTH = 37 KM +/- 4.58 KM ML(CHINA) = 3.8/2							
			1984 10 4												
			O = 18 01 39.7	+/-	0.69 SEC										
			LAT = 23.13 N	+/-	2.48 KM										
			LONG = 142.25 E	+/-	2.72 KM										



October



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 = 8, STAND DEV = 1.17 SEC															
WMQ	4.8	102	P	20 54 48.8	2.1										
			S	20 55 43.8	2.4										
			S <sub>m</sub> E		ML = 3.8	0.6	0.1								
GTA	14.8	105	EP	20 57 03.6	- 0.9										
1984 10 4															
O = 22 22 49.4 +/- 0.08 SEC															
LAT = 15.50 N +/- 1.32 KM															
LONG = 95.73 E +/- 1.45 KM															
DEPTH = 22 KM +/- 0.27 KM															
Ms(CHINA) = 5.2/24, Msz(NEIS) = 4.7, mb(NEIS) = 5.1															
STATIONS USED = 66, STAND DEV = 1.27 SEC															
KMI	11.6	33	PD	22 25 41.0	3.7										
QZN	13.9	73	EP	22 26 08.5	0.5										
			S	22 28 44.0	0.8										
			LN		Ms = 5.1	10.0	4.8								
			LE			10.0	6.1								
LSA	14.7	344	EP	22 26 16.4	- 2.8										
			XP	22 26 26.0	- 3.0										
			S	22 28 58.0	- 5.5										
			S <sub>m</sub> E			4.0	0.6								
			SS	22 29 22.0	3.0										
			LN		Ms = 4.8	11.5	1.4								
			LE			11.0	3.3								
GYA	14.9	41	PR	22 26 22.0	0.8										
			XP	22 26 28.0	- 3.3										
			S	22 29 06.0	- 1.1										
			LN		Ms = 5.2	10.0	4.6								
			LE			10.7	6.0								
CD2	17.0	24	EP	22 26 47.1	- 0.7										
			ES	22 29 57.0	1.6										
			LE		Ms = 5.4	7.0	7.8								
GZH	18.2	62	EP	22 27 02.4	- 0.8										
			ES	22 30 22.0	- 1.4										
			LN		Ms = 5.1	9.0	4.0								
			LE			10.0	2.1								
LZH	21.7	17	I PC	22 27 42.0	0.3										
			P <sub>m</sub> Z			2.0	0.3								
			PP	22 28 05.5	- 0.3										
			S	22 31 41.0	4.4										
			S <sub>m</sub> E			9.0	1.9								
			LN		Ms = 5.4	9.0	3.5								
			LE			10.0	6.8								
XAN	22.0	30	PD	22 27 42.6	- 1.2										
			S	22 31 44.0	3.6										
			S <sub>m</sub> E			12.0	1.1								
			SS	22 32 26.0	8.2										
			LG <sub>1</sub>	22 34 25.0	5.9										
			LN		Ms = 5.4	10.0	8.0								
WHN	22.7	45	P	22 27 52.0	1.0										
			ES	22 31 55.0	1.2										
			LG <sub>2</sub>	22 35 13.0	- 5.4										
			LN		Ms = 5.4	9.0	5.2								
			LE			9.0	4.5								
QZH	23.4	62	PR	22 27 58.0	0.3										
			S	22 32 13.0	7.1										
			LG <sub>2</sub>	22 35 34.0	- 7.0										
			LN		Ms = 5.0	11.0	2.7								
GTA	24.1	7	I PD	22 28 06.2	1.5										
			S	22 32 25.6	7.1										
			LE		Ms = 5.1	12.6	3.7								
TIY	26.6	30	EP	22 28 27.5	- 1.0										
			S	22 33 08.5	8.1										
			LN		Ms = 5.4	12.0	5.7								
			LE			12.0	4.6								
NJ2	26.7	47	PD	22 28 29.5	0.0										
			S	22 33 00.0	- 2.2										
			LN		Ms = 5.7	9.0	10.2								
			LE			10.0	3.9								
BTO	27.9	23	EP	22 28 39.1	- 1.5										
			LN		Ms = 5.4	10.0	3.2								
			LE			10.0	3.5								
TIA	28.1	38	EP	22 28 41.0	- 1.0										
			S	22 33 26.5	2.1										
			LN		Ms = 5.2	9.0	1.5								
			LE			9.0	2.3								
WMQ	29.0	347	P	22 28 50.5	- 0.1										
			S	22 33 43.0	3.2										
			LN		Ms = 5.0	12.0	2.2								
BJI	30.3	32	EP	22 29 01.0	- 0.3										
			ES	22 33 58.0	- 0.9										
			LN		Ms = 5.0	12.5	2.1								
			LE			11.0	1.0								
SNY	35.6	36	EP	22 29 46.0	- 1.4										
			ES	22 35 20.0	- 1.4										
			LN		Ms = 5.0	20.0	1.6								
			LE			20.0	1.9								
CN2	37.9	35	PD	22 30 06.0	- 0.9										
			P <sub>m</sub> Z			5.0	0.5								
			EPP	22 31 30.0	- 5.9										
			ES	22 35 52.0	- 4.9										







October

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	0.5								
XAN	18.7	299	EP	03 28 06.4	- 0.6										
GYA	19.6	275	P	03 28 17.0	- 1.1										
HHC	20.3	320	EP	03 28 23.4	- 1.3										
BTO	21.0	317	EP	03 28 31.2	- 1.3										
			LN		Ms=4.3	12.0	0.7								
			LE			12.0	0.4								
CD2	22.3	287	EP	03 28 43.0	- 1.9										
			(S)	03 32 42.0	0.4										
			LE		Ms=4.6	10.0	1.1								
LZH	23.3	300	EP	03 28 54.5	- 0.3										
KMI	23.3	272	EP	03 28 56.5	1.3										
			ES	03 33 07.0	6.5										
			LE		Ms=4.3	10.0	0.5								
GTA	27.4	305	IPC	03 29 32.0	- 1.5										
1984 10 5															
O=10 30 48.8 +/- 0.44 SEC															
LAT=11.87 N +/- 3.01 KM															
LONG=60.17 W +/- 2.90 KM															
DEPTH=39 KM +/- 3.90 KM															
mb(NEIS)=5.6															
STATIONS USED=59, STAND DEV=1.60 SEC															
WMQ	117.3	25	PKPD	10 49 31.5	0.2										
CN2	124.4	355	PKPD	10 49 43.9	- 1.0										
GTA	125.7	19	PKPD	10 49 48.6	1.0										
SNY	126.5	356	EPKP	10 49 49.3	0.4										
HHC	127.0	7	PKPC	10 49 51.8	1.6										
BJI	128.2	3	EPKP	10 49 53.0	0.6										
LZH	130.0	16	EPKP	10 49 58.0	2.1										
			PKP <sub>m</sub> Z			1.6	0.1								
TIY	130.2	7	EPKP	10 49 57.5	1.3										
LSA	130.3	33	EPKP	10 49 57.0	0.2										
TIA	132.1	2	PKPC	10 50 00.7	0.9										
			PP	10 52 19.6	- 5.0										
XAN	133.2	12	PKPD	10 50 02.6	0.7										
			EPP	10 52 30.0	- 1.1										
CD2	134.7	19	EPKP	10 50 05.9	1.1										
NJ2	136.3	1	EPKP	10 50 05.8	- 1.8										
			PP	10 52 47.6	- 3.2										
WHN	137.5	6	EPKP	10 50 10.2	0.4										
KMI	139.6	24	EPKP	10 50 15.0	1.1										
GYA	139.8	18	PKP	10 50 10.4	- 3.7										
			PP	10 53 13.0	0.2										
GZH	144.7	10	PKPD	10 50 24.0	1.5										
QZN	147.8	17	EPKP	10 50 33.0	5.3										
1984 10 5															
O=14 10 23.1 +/- 0.09 SEC															
LAT=28.12 N +/- 0.88 KM															
LONG=142.38 E +/- 2.33 KM															
DEPTH=7 KM +/- 1.94 KM															
mb(NEIS)=4.7															
STATIONS USED=11, STAND DEV=0.73 SEC															
MDJ	19.4	331	EP	14 14 51.7	- 0.6										
NJ2	20.7	286	EP	14 15 07.2	0.2										
WHN	24.5	282	EP	14 15 45.5	0.7										
CD2	33.6	284	P	14 17 05.8	- 0.9										
			P <sub>m</sub> Z											1.0	0.06
1984 10 5															
O=15 46 26.5 +/- 0.18 SEC															
LAT=51.85 N +/- 1.84 KM															
LONG=176.02 W +/- 0.99 KM															
DEPTH=69 KM +/- 1.49 KM															
mb(NEIS)=5.3															
STATIONS USED=71, STAND DEV=0.87 SEC															
MDJ	36.2	280	EP	15 53 25.5	0.7										
			PCP	15 55 48.8	0.1										
CN2	39.2	282	P	15 53 49.5	0.0										
			PCP	15 55 57.0	- 0.8										
SNY	41.4	280	EP	15 54 08.9	0.8										
BJI	47.0	283	EP	15 54 53.0	0.2										
			PCP	15 56 24.5	0.5										
TIA	48.8	278	PC	15 55 07.6	0.3										
			PCP	15 56 30.6	- 0.1										
HHC	49.2	287	P	15 55 10.8	0.3										
NJ2	50.5	273	IPU	15 55 20.0	- 0.3										
TJY	50.7	283	EP	15 55 22.8	1.1										
WHN	54.3	275	IPC	15 55 48.8	0.0										
			P <sub>m</sub> Z											1.0	0.08
			PCP	15 56 52.2	1.0										
XAN	55.3	282	P	15 55 55.0	- 0.6										
			PCP	15 56 55.0	0.3										
QZH	55.7	267	EP	15 55 58.5	- 0.2										
LZH	56.9	287	EP	15 56 07.0	- 0.5										
GTA	57.0	293	P	15 56 09.9	1.8										
GZH	60.3	270	P	15 56 31.7	0.7										
WMQ	60.5	304	P	15 56 31.5	- 1.1										
CD2	60.6	283	EP	15 56 32.7	- 0.1										
GYA	62.0	277	PC	15 56 41.8	- 0.6										
			S	16 05 07.0	6.7										
KMI	65.4	279	PC	15 57 04.5	- 0.2										



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			PCP	15 57 36.0	0.9			XAN	31.2	297	EP	17 12 07.2	- 2.3		
			ES	16 05 40.0	- 2.5						PP	17 13 16.0	3.6		
QZN	65.5	269	IPD	15 57 06.8	1.4						(S)	17 17 15.0	2.3		
LSA	68.9	291	PC	15 57 27.1	- 0.1						LN	Ms=5.8		15.0	16.3
											LE			12.0	0.8
1984 10 5															
O=17 05 50.5 +/- 0.10 SEC															
LAT=23.14 N +/- 1.97 KM															
LONG=142.43 E +/- 2.32 KM															
DEPTH=35 KM +/- 0.39 KM															
Ms(CHINA)=4.8/22, Msz(NEIS)=5.0, mb(NEIS)=5.3															
STATIONS USED=61, STAND DEV=1.66 SEC															
QZH	21.8	279	PR	17 10 44.0	1.9			CD2	35.2	291	EP	17 12 42.0	- 1.7		
			S	17 14 38.5	1.9						ES	17 18 10.5	- 3.5		
			S <sub>m</sub> E			8.0	2.2				LN	Ms=5.1		12.0	2.3
			LN	Ms=4.3		12.0	0.8	LZH	35.7	300	EP	17 12 50.0	1.6		
NJ2	22.7	298	PC	17 10 51.4	1.2						P <sub>m</sub> Z			2.0	0.3
			LN	Ms=4.8		11.0	1.5				LE	Ms=4.7		13.0	0.8
			LE			11.0	1.2	KMI	36.2	281	PC	17 12 53.5	1.0		
MDJ	23.9	336	EP	17 11 04.2	2.2						ES	17 18 28.0	- 2.0		
SNY	24.4	324	EP	17 11 05.5	- 1.6						LN	Ms=4.8		14.0	1.1
			IS	17 15 27.0	5.0			GTA	39.5	304	EP	17 13 20.1	0.2		
			LE	Ms=4.5		11.0	0.9				ES	17 19 11.2	- 8.8		
CN2	24.9	329	P	17 11 13.0	0.9						LE	Ms=4.9		15.0	1.4
			ES	17 15 29.0	- 1.7			LSA	46.1	289	PC	17 14 14.6	0.5		
			LN	Ms=4.7		12.0	1.3				S	17 21 00.0	2.7		
TIA	25.5	306	P	17 11 15.4	- 2.0						S <sub>m</sub> E			6.5	0.4
			S	17 15 33.5	- 6.5			WMQ	49.1	308	P	17 14 36.6	- 0.9		
			LN	Ms=4.8		13.5	0.9	1984 10 5							
			LE			11.5	1.4	O=19 09 16.2 +/- 0.32 SEC							
WHN	26.1	292	EP	17 11 24.0	1.0			LAT=6.32 S +/- 1.63 KM							
			P <sub>m</sub> Z			1.0	0.08	LONG=149.12 E +/- 2.40 KM							
			LN	Ms=4.9		11.0	2.1	DEPTH=59 KM +/- 3.12 KM							
GZH	26.7	275	EP	17 11 31.0	1.9			Ms(CHINA)=5.1/4, mb(NEIS)=5.7							
			ES	17 16 00.0	- 0.8			STATIONS USED=53, STAND DEV=1.78 SEC							
			LN	Ms=4.6		10.0	0.8	GZH	45.6	311	E(P)	19 17 38.0	5.4		
BJI	27.9	313	EP	17 11 43.0	3.7			NJ2	47.8	324	EP	19 17 50.8	0.4		
			ES	17 16 26.0	7.2			WHN	49.5	319	EP	19 18 01.0	- 2.4		
			S <sub>m</sub> E			7.0	0.3				PCS	19 23 16.5	- 2.5		
			LE	Ms=4.5		12.0	0.8	TIA	51.9	326	EP	19 18 19.2	- 2.0		
TIY	29.5	306	E(P)	17 11 59.0	4.8						ES	19 25 38.5	0.2		
			LN	Ms=4.7		12.5	0.9				LN	Ms=5.1		22.5	1.5
			LE			12.0	0.8				LE			22.5	1.7
QZN	30.6	268	EP	17 12 06.0	1.8			SNY	53.3	336	EP	19 18 30.0	- 1.9		
			ES	17 17 09.0	5.7						AP	19 18 51.0	4.1		
			LN	Ms=4.8		18.0	2.0								



October

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	19 26 00.0	2.3										
			LN		Ms=5.0	22.0	0.8								
			LE			22.0	1.3								
MDJ	53.7	342	EP	19 18 36.0	1.4										
CN2	54.3	339	EP	19 18 40.0	0.8										
BJI	55.2	329	P	19 18 47.0	1.0										
			ES	19 26 22.0	- 1.7										
			LN		Ms=5.1	18.5	1.5								
XAN	55.3	319	EP	19 18 45.0	- 1.5										
CD2	57.0	313	EP	19 18 59.4	0.4										
			ES	19 26 45.5	- 2.1										
HHC	58.2	327	E(P)	19 19 06.2	- 1.3										
BTO	58.9	325	EP	19 19 12.5	0.3										
GTA	64.3	319	EP	19 19 49.0	0.2										
LSA	66.1	306	PD	19 20 00.5	- 0.1										
WMQ	74.4	318	P	19 20 51.0	0.5										
			S	19 30 21.0	1.1										
			S <sub>m</sub> N			2.5	0.04								
1984 10 5															
O=20 13 02.6 +/- 0.08 SEC															
LAT=42.02 N +/- 1.01 KM															
LONG=119.24 E +/- 0.67 KM															
DEPTH=5 KM +/- 0.38 KM															
ML(CHINA)=3.2/6															
STATIONS USED=6, STAND DEV=2.16 SEC															
BJI	3.1	230	PG	20 13 58.0	1.5										
			SG	20 14 35.5	- 1.8										
			S <sub>m</sub> N		ML=3.7	0.5	0.3								
			S <sub>m</sub> E			0.5	0.3								
SNY	3.2	92	IPGD	20 14 02.2	2.4										
			ISG	20 14 44.0	- 0.1										
			S <sub>m</sub> N		ML=3.0	0.7	0.07								
			S <sub>m</sub> E			0.7	0.04								
DL2	3.6	148	EPG	20 14 08.0	- 0.4										
			ESG	20 14 55.6	0.0										
			S <sub>m</sub> N		ML=3.0	0.8	0.05								
			S <sub>m</sub> E			0.8	0.04								
CN2	4.9	66	PG	20 14 32.4	0.6										
			SG	20 15 33.6	- 2.2										
			S <sub>m</sub> N		ML=3.0	1.0	0.02								
			S <sub>m</sub> E			1.0	0.02								
1984 10 5															
O=20 58 48.2 +/- 0.11 SEC															
LAT=39.24 N +/- 1.66 KM															
LONG=119.24 E +/- 0.67 KM															
DEPTH=5 KM +/- 0.38 KM															
ML(CHINA)=3.2/6															
STATIONS USED=6, STAND DEV=2.16 SEC															
BJI	3.1	230	PG	20 13 58.0	1.5										
			SG	20 14 35.5	- 1.8										
			S <sub>m</sub> N		ML=3.7	0.5	0.3								
			S <sub>m</sub> E			0.5	0.3								
SNY	3.2	92	IPGD	20 14 02.2	2.4										
			ISG	20 14 44.0	- 0.1										
			S <sub>m</sub> N		ML=3.0	0.7	0.07								
			S <sub>m</sub> E			0.7	0.04								
DL2	3.6	148	EPG	20 14 08.0	- 0.4										
			ESG	20 14 55.6	0.0										
			S <sub>m</sub> N		ML=3.0	0.8	0.05								
			S <sub>m</sub> E			0.8	0.04								
CN2	4.9	66	PG	20 14 32.4	0.6										
			SG	20 15 33.6	- 2.2										
			S <sub>m</sub> N		ML=3.0	1.0	0.02								
			S <sub>m</sub> E			1.0	0.02								
1984 10 5															
O=20 58 48.2 +/- 0.11 SEC															
LAT=39.24 N +/- 1.66 KM															
LONG=119.24 E +/- 0.67 KM															
DEPTH=5 KM +/- 0.38 KM															
ML(CHINA)=3.2/6															
STATIONS USED=6, STAND DEV=2.16 SEC															
BJI	3.1	230	PG	20 13 58.0	1.5										
			SG	20 14 35.5	- 1.8										
			S <sub>m</sub> N		ML=3.7	0.5	0.3								
			S <sub>m</sub> E			0.5	0.3								
SNY	3.2	92	IPGD	20 14 02.2	2.4										
			ISG	20 14 44.0	- 0.1										
			S <sub>m</sub> N		ML=3.0	0.7	0.07								
			S <sub>m</sub> E			0.7	0.04								
DL2	3.6	148	EPG	20 14 08.0	- 0.4										
			ESG	20 14 55.6	0.0										
			S <sub>m</sub> N		ML=3.0	0.8	0.05								
			S <sub>m</sub> E			0.8	0.04								
CN2	4.9	66	PG	20 14 32.4	0.6										
			SG	20 15 33.6	- 2.2										
			S <sub>m</sub> N		ML=3.0	1.0	0.02								
			S <sub>m</sub> E			1.0	0.02								
1984 10 6															
O=01 59 03.5 +/- 0.30 SEC															
LAT=32.11 N +/- 1.69 KM															
LONG=139.18 E +/- 1.98 KM															
DEPTH=243 KM +/- 2.48 KM															
mb(NEIS)=4.7															
STATIONS USED=35, STAND DEV=1.17 SEC															
MDJ	14.6	331	EP	02 02 19.0	- 1.1										
SNY	15.8	312	EP	02 02 36.4	1.8										
DL2	15.8	300	P	02 02 37.2	2.2										
CN2	15.9	321	P	02 02 36.6	0.6										
NJ2	17.2	275	EP	02 02 50.0	- 0.9										
WHN	21.3	272	P	02 03 33.0	1.3										
BTO	24.9	298	EP	02 04 06.2	0.0										
XAN	25.4	282	EP	02 04 09.3	- 1.5										
CD2	30.1	277	EP	02 04 51.4	- 2.0										
GTA	32.6	294	EP	02 05 14.1	- 0.5										
1984 10 6															
O=02 52 20.0 +/- 1.79 SEC															
LAT=15.03 S +/- 4.01 KM															
LONG=175.05 W +/- 3.61 KM															
DEPTH=34 KM +/- 11.40 KM															
Ms(CHINA)=5.6/19, Msz(NEIS)=5.7, mb(NEIS)=5.5															
STATIONS USED=55, STAND DEV=1.74 SEC															
QZH	75.9	300	EP	03 04 05.0	- 0.6										



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			XP	03 04 17.0	- 2.5						LN		Ms=6.2	19.0	1.7
			S	03 13 39.0	- 6.1						LE			19.0	10.0
			LE		Ms=5.5	18.0	2.0	BTO	88.6	312	EP	03 05 11.5	- 0.3		
MDJ	77.8	323	EP	03 04 15.0	- 1.2			KMI	89.4	296	EP	03 05 15.0	- 0.8		
NJ2	78.7	307	EP	03 04 22.4	1.2						ES	03 15 53.0	- 9.4		
			LE		Ms=5.5	22.0	2.4				SCS	03 16 09.0	5.2		
CN2	79.8	320	EP	03 04 26.0	- 1.2						LE		Ms=5.6	20.0	2.1
			P <sub>m</sub> Z			6.5	0.9	CD2	90.3	301	EP	03 05 22.1	2.5		
			ES	03 14 18.0	- 8.9						S	03 16 11.0	1.4		
			S <sub>m</sub> N			8.0	0.5				LE		Ms=5.7	18.0	2.6
			S <sub>m</sub> E			8.0	0.5	LZH	91.7	306	EP	03 05 25.0	- 1.5		
			LE		Ms=5.6	22.0	3.2	GTA	95.7	309	EP	03 05 45.3	0.7		
DL2	79.8	314	EP	03 04 28.0	0.8						LE		Ms=5.8	20.0	3.2
			ES	03 14 32.0	5.1										
			LN		Ms=5.6	18.0	2.5	1984 10 6							
SNY	79.9	318	PC	03 04 27.6	- 0.4			O = 10 03 59.1 +/- 0.07 SEC							
			ES	03 14 24.0	- 4.5			LAT = 30.50 N +/- 0.95 KM							
			LN		Ms=5.5	18.0	1.3	LONG = 73.60 E +/- 0.74 KM							
			LE			18.0	1.4	DEPTH = 13 KM +/- 0.17 KM							
QZN	81.3	292	EP	03 04 32.0	- 3.2			mb(NEIS) = 4.5							
			ES	03 14 32.0	- 10.6			STATIONS USED = 12, STAND DEV = 1.11 SEC							
			LE		Ms=5.6	20.0	2.4	LSA	15.2	88	EP	10 07 33.7	- 2.4		
WHN	81.6	304	EP	03 04 36.2	- 0.5			GTA	23.2	60	EP	10 09 09.1	2.0		
			ES	03 14 38.0	- 7.5			CD2	25.9	81	EP	10 09 34.1	1.1		
			LN		Ms=5.4	19.0	1.8	KMI	26.3	94	PC	10 09 37.0	0.2		
TIA	81.8	310	EP	03 04 38.8	1.1						ES	10 14 02.0	- 5.5		
			XP	03 04 51.0	- 0.4			1984 10 6							
			S	03 14 45.0	- 2.5			O = 15 20 27.3 +/- 0.24 SEC							
			LN		Ms=5.7	15.0	1.7	LAT = 5.30 S +/- 1.37 KM							
			LE			18.0	2.2	LONG = 151.99 E +/- 2.43 KM							
TIY	85.8	310	EP	03 04 59.0	0.8			DEPTH = 76 KM +/- 1.95 KM							
			SKS	03 15 17.0	0.2			mb(NEIS) = 5.3							
			S	03 15 35.0	7.1			STATIONS USED = 41, STAND DEV = 1.51 SEC							
			LN		Ms=5.6	20.0	1.5	GZH	47.1	308	EP	15 28 55.5	1.3		
			LE			19.0	1.7	QZN	48.0	301	EP	15 29 03.2	1.8		
GYA	86.5	298	P	03 05 03.6	2.1			TIA	52.6	324	EP	15 29 36.1	- 0.4		
			S	03 15 38.0	3.6			GYA	54.1	308	P	15 29 47.6	0.6		
XAN	87.1	306	EP	03 05 03.2	- 1.4			XAN	56.4	317	EP	15 30 02.6	- 1.5		
			XP	03 05 17.0	- 1.4			KMI	56.6	304	PC	15 30 05.5	0.0		
			ES	03 15 34.0	- 6.6						ES	15 37 44.0	- 6.4		
			LN		Ms=5.5	17.0	1.1								
			LE			15.0	0.8	CD2	58.5	311	EP	15 30 18.6	0.3		
HHC	87.6	313	PR	03 05 09.0	2.0			HHC	59.0	324	EP	15 30 20.8	- 1.3		
			SKS	03 15 36.0	7.3			BTO	59.7	323	EP	15 30 26.8	- 0.4		
			ES	03 15 39.0	- 6.3			LZH	61.0	316	EP	15 30 36.5	0.3		
			SCS	03 15 46.5	- 2.3			GTA	65.5	317	P	15 31 05.3	- 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
1984 10 7 O = 01 56 17.9 +/- 0.15 SEC LAT = 37.57 S +/- 2.99 KM LONG = 50.98 E +/- 3.30 KM DEPTH = 10 KM +/- 0.20 KM Msz(NEIS) = 5.1, mb(NEIS) = 4.7 STATIONS USED = 18, STAND DEV = 2.04 SEC								NJ2 20.5 63 EP 05 19 40.5 - 4.7 LE Ms=4.5 7.0 0.7 WMQ 20.7 340 P 05 19 47.5 0.1 TIA 20.7 51 EP 05 19 47.1 - 0.6 S 05 23 41.0 8.9 LN Ms=4.5 11.0 0.7 LE 13 3 1.1 BJI 22.2 41 EP 05 20 02.0 - 0.5 ES 05 24 03.0 3.2 S <sub>m</sub> N 8.0 0.3 S <sub>m</sub> E 8.5 0.3 EXS 05 24 12.0 - 2.7 LE Ms=4.0 10.0 0.3 KSH 23.2 314 P 05 20 15.0 2.3 S 05 24 22.0 3.7 S <sub>m</sub> E 8.0 0.6 LE Ms=4.5 15.0 1.2 SNY 27.8 45 EP 05 20 54.2 - 2.0 ES 05 25 30.0 - 5.5 LE Ms=4.1 20.0 0.6 CN2 30.0 43 EP 05 21 16.5 0.8							
1984 10 7 O = 05 15 07.8 +/- 1.11 SEC LAT = 24.63 N +/- 2.62 KM LONG = 97.16 E +/- 2.04 KM DEPTH = 15 KM +/- 8.50 KM Ms(CHINA) = 4.5/16, mb(NEIS) = 4.5, ML(CHINA) = 5.1/5 STATIONS USED = 38, STAND DEV = 2.51 SEC								1984 10 7 O = 07 04 19.7 +/- 0.41 SEC LAT = 14.19 S +/- 2.29 KM LONG = 166.54 E +/- 2.92 KM DEPTH = 74 KM +/- 4.54 KM mb(NEIS) = 4.3 STATIONS USED = 10, STAND DEV = 1.32 SEC CN2 68.8 329 EP 07 15 15.6 - 3.3 BJI 71.4 321 (P) 07 15 35.5 0.9 CD2 75.1 307 (P) 07 15 58.4 2.0							
KMI 79.1 46 EP 02 08 26.5 1.3 CD2 84.1 43 EP 02 08 51.2 - 0.1 WMQ 87.6 25 P 02 09 08.0 - 0.5 GTA 88.8 35 EP 02 09 09.6 - 4.7								1984 10 7 O = 10 26 58.3 +/- 0.19 SEC LAT = 7.38 S +/- 1.07 KM LONG = 128.45 E +/- 1.71 KM DEPTH = 178 KM +/- 2.22 KM mb(NEIS) = 5.0 STATIONS USED = 44, STAND DEV = 1.26 SEC GYA 39.7 328 P 10 34 16.0 0.5 WHN 40.1 340 P 10 34 19.0 0.9 LN 19.0 12.4 NJ2 40.3 347 PC 10 34 19.6 - 0.2 CD2 44.8 329 EP 10 34 56.2 - 0.5 XAN 45.2 336 P 10 34 58.2 - 1.2							
KMI 5.1 83 EPN 05 16 27.0 2.9 SN 05 17 30.0 7.2 S <sub>m</sub> N ML=5.1 2.0 3.9 S <sub>m</sub> E 1.5 0.5 LSA 7.4 314 EPN 05 16 56.0 - 0.2 SB 05 18 44.0 - 4.0 LE Ms=4.1 8.0 1.2 CD2 8.6 41 EP 05 17 11.8 - 0.7 LG <sub>2</sub> 05 19 44.0 - 6.3 LN Ms=4.8 5.0 3.4 GYA 8.8 75 P 05 17 16.6 1.1 S 05 18 56.0 1.5 LN Ms=4.8 9.0 5.3 LE 9.0 2.6 LZH 12.8 25 EP 05 18 06.5 - 3.9 LE Ms=4.6 8.0 1.8 XAN 13.9 44 P 05 18 20.3 - 4.4 LN Ms=4.6 10.0 2.2 LE 10.0 1.1 TIY 18.4 41 EP 05 19 23.1 0.5 LN Ms=4.2 8.0 0.2 LE 8.0 0.5 BTO 19.2 30 P 05 19 30.0 - 2.1 LG <sub>2</sub> 05 25 34.0 - 8.1 LN Ms=4.6 12.0 1.3 LE 12.0 1.4 HHC 20.2 33 EP 05 19 41.0 - 1.4															



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIY	47.3	342	EP	10 35 15.0	-1.1		
			P <sub>m</sub> Z			0.8	0.02
BJI	48.5	347	EP	10 35 24.5	-1.1		
LZH	49.0	333	EP	10 35 29.5	-0.2		
HHC	50.4	343	P	10 35 39.4	-0.9		
BTO	50.7	341	EP	10 35 40.5	-1.5		
CN2	51.0	357	PC	10 35 43.8	-0.7		
MDJ	51.8	1	EP	10 35 49.0	-1.1		
GTA	53.6	332	P	10 36 03.4	-0.3		
1984 10 7							
O=14 03 36.6				+/- 0.05 SEC			
LAT=25.26 N				+/- 0.39 KM			
LONG=95.42 E				+/- 0.43 KM			
DEPTH=15 KM				+/- 0.01 KM			
ML(CHINA)=4.1/2							
STATIONS USED=4, STAND DEV=1.09							
LSA	5.8	320	PND	14 05 05.2	-0.2		
KMI	6.6	89	PB	14 05 32.5	2.2		
			SN	14 06 35.0	1.9		
			S <sub>m</sub> N		ML=4.7	1.5	0.6
			S <sub>m</sub> E			1.5	0.3
			LN			9.0	1.6
GYA	10.2	80	P	14 06 04.0	-2.0		
1984 10 7							
O=14 39 58.3				+/- 0.34 SEC			
LAT=29.05 N				+/- 2.57 KM			
LONG=130.75 E				+/- 1.72 KM			
DEPTH=39 KM				+/- 2.69 KM			
M <sub>s</sub> (CHINA)=4.0/6, mb(NEIS)=4.5							
STATIONS USED=25, STAND DEV=1.38 SEC							
NJ2	10.7	289	PC	14 42 30.2	-1.8		
			LE		M <sub>s</sub> =3.7	10.0	0.4
TIA	13.5	305	EP	14 43 11.4	1.4		
CN2	15.3	341	PC	14 43 36.0	2.4		
			(S)	14 46 22.0	-0.7		
			LN		M <sub>s</sub> =4.0	13.0	0.7
BJI	16.2	316	EP	14 43 45.0	-0.3		
			LN		M <sub>s</sub> =4.0	12.0	0.3
			LE			12.0	0.4
TIY	17.5	304	EP	14 44 03.0	1.1		
			LN		M <sub>s</sub> =4.1	11.0	0.6
			LE			13.0	0.3
XAN	19.2	290	EP	14 44 19.1	-3.3		
HHC	19.6	311	EP	14 44 26.6	0.2		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
BTO	20.5	309	EP	14 44 36.0	0.0		
GYA	21.5	268	P	14 44 47.2	1.4		
CD2	23.4	281	EP	14 45 06.3	1.1		
			ES	14 49 16.0	3.5		
			LE		M <sub>s</sub> =4.1	12.0	0.4
LZH	23.7	294	EP	14 45 10.5	2.7		
			ES	14 49 23.0	5.9		
GTA	27.5	300	EP	14 45 42.5	-0.9		
1984 10 7							
O=22 33 02.0				+/- 0.08 SEC			
LAT=34.58 N				+/- 0.45 KM			
LONG=97.98 E				+/- 0.95 KM			
DEPTH=0 KM				+/- 0.01 KM			
ML(CHINA)=4.3/1							
STATIONS USED=6, STAND DEV=1.66 SEC							
LZH	5.0	70	PN	22 34 22.0	1.3		
			SN	22 35 15.5	-5.0		
			S <sub>m</sub> N		ML=4.3	2.0	0.3
			S <sub>m</sub> E			2.0	0.4
GTA	5.0	16	EP	22 34 21.2	0.2		
			PG	22 34 29.4	-4.6		
			SN	22 35 25.6	5.9		
			LE			4.0	0.7
XAN	9.1	90	EP	22 35 17.8	0.5		
WMQ	12.2	322	P	22 36 00.8	0.5		
CN2	23.1	58	EP	22 38 12.0	1.1		
1984 10 8							
O=00 16 13.5				+/- 1.08 SEC			
LAT=24.10 N				+/- 1.69 KM			
LONG=122.72 E				+/- 2.53 KM			
DEPTH=29 KM				+/- 8.22 KM			
M <sub>s</sub> (CHINA)=4.5/18, M <sub>sz</sub> (NEIS)=4.8							
mb(NEIS)=4.6, ML(CHINA)=4.2/7							
STATIONS USED=39, STAND DEV=2.20 SEC							
QZH	3.8	283	PNC	00 17 10.0	-2.2		
			SN	00 17 50.5	-6.6		
			S <sub>m</sub> N		ML=3.9	0.2	0.4
			S <sub>m</sub> E			0.3	0.2
			LN		M <sub>s</sub> =4.5	5.0	4.1
NJ2	8.6	337	EP	00 18 17.6	-1.8		
			LN		M <sub>s</sub> =4.4	10.0	2.8
GZH	8.7	265	EP	00 18 20.0	0.2		
			LN			4.0	2.3
			LE			3.0	1.1



October



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
WHN	9.8	312	EP	00 18 38.0	2.1			1984 10 8							
			ES	00 20 28.0	1.5			O=01 53 16.6 +/- 0.13 SEC							
			LG <sub>1</sub>	00 21 23.0	1.0			LAT=7.24 S +/- 2.18 KM							
			LN			Ms=4.2	12.0 1.7	LONG=155.16 E +/- 2.04 KM							
TIA	13.0	339	EP	00 19 23.1	2 4.0			DEPTH=24 KM +/- 0.08 KM							
			ES	00 21 53.5	9.6			mb(NEIS)=4.8							
			LG <sub>2</sub>	00 23 29.0	6.6			STATIONS USED=20, STAND DEV=1.47 SEC							
			LN			Ms=4.5	11.0 1.6	GYA	57.7	307	P	02 03 09.0	-0.4		
			LE				11.0 1.1	XAN	60.0	316	P	02 03 24.0	-0.2		
DL2	14.8	356	P	00 19 46.5	3.9			KMI	60.3	304	PC	02 03 27.5	1.1		
			ES	00 22 32.5	6.0						ES	02 11 29.0	-9.2		
			LN			Ms=4.3	11.0 1.2	CD2	62.1	310	EP	02 03 39.0	0.5		
			LE				12.0 0.3	GTA	69.0	316	P	02 04 24.2	1.1		
XAN	15.6	312	EP	00 19 52.5	-0.6			WMQ	79.1	317	EP	02 05 16.7	-5.0		
			LG <sub>2</sub>	00 24 39.0	-8.9			1984 10 8							
			LN			Ms=4.4	10.0 0.8	O=02 16 46.1 +/- 0.11 SEC							
			LE				10.0 0.8	LAT=37.65 N +/- 1.13 KM							
TIY	16.2	329	E(P)	00 20 02.8	2.3			LONG=102.40 E +/- 1.42 KM							
			LG <sub>2</sub>	00 25 10.0	3.0			DEPTH=16 KM +/- 0.58 KM							
			LN			Ms=4.7	13.0 2.6	ML(CHINA)=3.7/3							
			LE				13.0 0.9	STATIONS USED=5, STAND DEV=2.43 SEC							
SNY	17.7	2	EP	00 20 21.6	2.0			LZH	1.7	135	PG	02 17 22.5	2.5		
			ES	00 23 34.0	0.2						SG	02 17 48.5	6.2		
			LN			Ms=4.2	16.0 0.8				S <sub>m</sub> N		ML=4.3	1.0 4.0	
			LE				16.0 0.8				S <sub>m</sub> E			1.0 2.1	
CD2	18.1	296	P	00 20 24.3	-0.7			XAN	6.3	119	PG	02 18 46.6	3.2		
			(S)	00 23 42.0	-1.6						SG	02 20 05.6	4.7		
			LN			Ms=4.6	6.0 1.0				S <sub>m</sub> N		ML=3.3	0.6 0.02	
KMI	18.2	277	EP	00 20 27.0	0.9						S <sub>m</sub> E			0.6 0.02	
			ES	00 23 48.0	2.5			BTO	6.8	59	EPG	02 18 46.1	-2.0		
			LE			Ms=4.4	12.0 1.3				SG	02 20 16.0	-1.2		
HHC	19.1	333	P	00 20 38.2	0.8						S <sub>m</sub> N		ML=3.7	0.7 0.05	
			ES	00 24 05.0	-1.6						S <sub>m</sub> E			0.7 0.03	
			LN			Ms=4.5	14.0 1.6	1984 10 8							
BTO	19.6	330	EP	00 20 42.0	-0.5			O=05 15 29.9 +/- 0.12 SEC							
			LG <sub>2</sub>	00 27 00.0	-0.3			LAT=48.00 S +/- 1.78 KM							
			LN			Ms=4.7	12.0 1.8	LONG=31.73 E +/- 3.23 KM							
			LE				12.0 1.2	DEPTH=31 KM +/- 0.27 KM							
CN2	19.8	5	PD	00 20 44.1	-0.3			MsZ(NEIS)=5.3, mb(NEIS)=5.4							
			ES	00 24 17.0	-3.5			STATIONS USED=15, STAND DEV=1.59 SEC							
			LN			Ms=4.5	13.0 1.5	KMI	96.6	59	EP	05 29 02.0	3.0		
LZH	20.2	310	EP	00 20 48.5	-0.5			CN2	122.9	59	EPKP	05 34 19.0	-5.2		
			P <sub>m</sub> Z				1.5 0.08	1984 10 8							
			LE			Ms=4.4	12.0 0.9								
WMQ	34.7	313	E(P)	00 23 02.0	-1.5										



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
<b>O=12 49 59.4    +/- 0.23 SEC</b> <b>LAT=31.71 N    +/- 1.51 KM</b> <b>LONG=138.23 E    +/- 1.61 KM</b> <b>DEPTH=369 KM    +/- 2.35 KM</b> <b>mb(NEIS)=4.8</b> <b>STATIONS USED=77, STAND DEV=1.23 SEC</b>								<b>1984 10 8</b> <b>O=16 28 20.3    +/- 0.21 SEC</b> <b>LAT=7.85 S    +/- 4.43 KM</b> <b>LONG=125.90 E    +/- 0.89 KM</b> <b>DEPTH=440 KM    +/- 6.50 KM</b> <b>mb(NEIS)=4.7</b> <b>STATIONS USED=14, STAND DEV=0.75 SEC</b>							
MDJ	14.5	334	IPD	12 53 09.8	-1.2			WHN	39.8	344	P	16 35 12.5	0.6		
			S	12 55 41.0	-3.6			NJ2	40.2	350	PC	16 35 16.0	0.1		
DL2	15.3	302	IPR	12 53 19.0	-0.1			CD2	44.0	332	EP	16 35 45.2	-0.5		
			S	12 55 55.0	-4.7			XAN	44.7	339	IPD	16 35 49.3	-1.6		
			LN			8.0	0.3	LZH	48.4	355	PD	16 36 19.5	0.0		
			LE			8.0	0.6	CN2	51.4	359	PD	16 36 40.4	-1.2		
SNY	15.5	314	IPR	12 53 20.0	-0.6			MDJ	52.3	3	EP	16 36 48.5	0.2		
			P <sub>m</sub> Z			3.0	0.8	GTA	52.9	334	P	16 36 52.4	0.1		
			XP	12 54 53.0	3.8			<b>1984 10 8</b> <b>O=20 56 59.4    +/- 0.32 SEC</b> <b>LAT=5.28 N    +/- 3.26 KM</b> <b>LONG=95.61 E    +/- 2.53 KM</b> <b>DEPTH=33 KM    +/- 0.55 KM</b> <b>Ms(CHINA)=4.5/3, mb(NEIS)=4.5</b> <b>STATIONS USED=27, STAND DEV=2.10 SEC</b>							
			S	12 56 00.0	-2.4			QZN	19.5	44	EP	21 01 22.0	-4.5		
			LN			10.0	0.5				LN		Ms=4.5	17.0	1.4
			LE			10.0	0.5				LE			17.0	1.5
CN2	15.7	323	IPD	12 53 22.6	-0.7			KMI	20.9	18	PD	21 01 40.5	-1.2		
			P <sub>m</sub> Z			5.0	0.7				LN		Ms=4.4	12.0	0.5
			XP	12 54 49.0	-3.6			GYA	23.6	25	EP	21 02 12.6	4.5		
			ES	12 56 05.0	-2.3			LSA	24.6	350	EP	21 02 21.2	2.1		
NJ2	16.5	276	PD	12 53 30.2	-0.8			CD2	26.6	15	EP	21 02 35.0	-2.2		
TIA	18.1	290	PD	12 53 46.7	-0.6						LE		Ms=4.5	13.0	1.0
			LN			10.0	0.4	WHN	30.7	32	EP	21 03 16.5	2.7		
WHN	20.5	272	IPC	12 54 12.6	1.7			XAN	31.2	21	EP	21 03 14.5	-3.5		
TIY	22.0	292	PD	12 54 26.2	0.4			GTA	34.2	5	EP	21 03 42.6	-1.7		
			P <sub>m</sub> Z			1.2	0.09	NJ2	34.4	36	PC	21 03 48.2	2.4		
HHC	23.3	300	PD	12 54 37.8	0.2			TIA	36.6	29	P	21 04 06.5	1.9		
BTO	24.4	299	IPD	12 54 47.0	-0.5			BTO	37.5	18	EP	21 04 10.6	-1.6		
XAN	24.7	283	IPD	12 54 50.0	-0.4			HHC	38.2	19	E(P)	21 04 17.6	-0.6		
			XP	12 56 37.0	-1.4			WMQ	39.0	350	E(P)	21 04 26.7	1.7		
			ES	12 58 44.0	-0.4			SNY	44.1	30	EP	21 05 08.1	1.4		
GYA	28.0	267	P	12 55 19.0	-1.3			CN2	46.5	29	PD	21 05 26.6	0.8		
CD2	29.4	277	EP	12 55 31.5	-0.8										
			(S)	12 59 52.0	-6.9										
			LE			10.0	0.9								
GTA	32.0	294	IPD	12 55 54.6	-0.2										
			P <sub>m</sub> Z			1.0	0.09								
			PCP	12 58 35.4	0.7										
			SCP	13 01 44.0	2.7										
			SCS	13 05 40.5	0.6										
WMQ	41.1	301	IPD	12 57 11.5	0.5										
			P <sub>m</sub> Z			2.0	0.3								
			S	13 02 57.0	-0.1										
			SCS	13 06 32.5	1.2										







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
			LE			10.0	0.1				S <sub>m</sub> N			6.0	1.2
GTA	49.1	352	P	05 28 08.4	0.7						S <sub>m</sub> E			6.0	2.8
			LE			15.0	0.3				SCS	10 07 56.0	0.9		
BTO	49.8	2	EP	05 28 12.6	-0.5			QZH	18.6	259	EP	09 57 16.5	-0.4		
HHC	50.1	3	EP	05 28 16.0	0.4						XP	09 59 04.5	-4.6		
CN2	55.4	15	EP	05 28 52.4	-2.0						S	10 00 23.5	1.5		
WMQ	56.0	342	PC	05 28 58.4	-0.4						S <sub>m</sub> E			7.5	2.9
								TIA	19.1	294	PD	09 57 22.1	-0.2		
											P <sub>m</sub> Z			6.0	0.6
											XP	09 59 12.0	-4.2		
											S	10 00 36.5	4.8		
											S <sub>m</sub> N			8.5	0.8
											S <sub>m</sub> E			9.5	1.7
								WHN	21.1	277	PR	09 57 42.0	1.1		
											P <sub>m</sub> Z			3.0	1.1
											S	10 10 12.0	7.2		
											S <sub>m</sub> E			9.0	0.6
											LN			12.0	0.6
								TIY	23.1	296	IPC	09 58 00.7	0.8		
											P <sub>m</sub> Z			5.0	0.6
											S	10 01 38.5	-0.2		
											S <sub>m</sub> N			8.0	0.3
											LN			12.0	0.3
								GZH	23.7	259	P	09 58 05.0	-0.3		
											P <sub>m</sub> Z			5.0	0.6
											XP	10 00 06.0	-3.3		
								HHC	24.6	303	PR	09 58 13.2	0.1		
											S	10 02 02.0	-0.1		
											LN			10.0	0.4
								XAN	25.6	286	PD	09 58 22.5	0.5		
						8.5	3.9				P <sub>m</sub> Z			3.0	0.7
DL2	16.7	306	P	09 56 57.6	-0.2						XP	10 00 25.7	-1.8		
			ES	09 59 43.0	-4.6						ES	10 02 16.7	-1.4		
			LE			9.0	1.1								
SNY	17.0	318	PD	09 57 02.0	0.7			BTO	25.6	302	IPR	09 58 22.0	-0.5		
			P <sub>m</sub> Z			6.0	0.8				S	10 02 19.0	0.0	0	
			XP	09 58 44.0	-4.7						P	09 58 48.6	1.5		
			S	09 59 56.0	2.0			QZN	28.4	254	XP	10 00 58.0	3.5		
			S <sub>m</sub> E			15.0	2.6				S	10 03 04.5	1.8		
NJ2	17.2	281	IPR	09 57 02.5	-0.5						S <sub>m</sub> E			9.0	0.6
			P <sub>m</sub> Z			3.0	1.1	GYA	28.4	270	PR	09 58 47.0	-0.5		
			S	09 59 59.0	2.0						XP	10 00 50.0	-4.8		
			S <sub>m</sub> E			5.0	1.0				S	10 03 02.0	-1.5		
CN2	17.4	326	IPC	09 57 06.0	1.0			LZH	29.8	291	IPD	09 58 58.5	-0.7		
			P <sub>m</sub> Z			3.0	0.4				ES	10 03 23.0	-1.4		
			XP	09 58 49.0	-4.4						LE			7.0	0.4
			S	10 00 02.0	1.4			CD2	30.1	280	IPD	09 59 01.8	-0.1		

1984 10 9  
 O=06 46 38.8 +/- 0.12 SEC  
 LAT=6.98 S +/- 1.16 KM  
 LONG=156.12 E +/- 1.23 KM  
 DEPTH=122 KM +/- 1.14 KM  
 mb(NEIS)=4.7  
 STATIONS USED=22, STAND DEV=1.26 SEC

1984 10 9  
 O=09 53 27.9 +/- 0.21 SEC  
 LAT=30.01 N +/- 1.11 KM  
 LONG=138.74 E +/- 1.28 KM  
 DEPTH=437 KM +/- 2.45 KM  
 mb(NEIS)=4.9  
 STATIONS USED=102, STAND DEV=0.98 SEC



October

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 <sub>m</sub> Z			0.8	0.3				P <sub>m</sub> Z				0.8 0.2
KMI	32.2	270	S	10 03 28.0	-1.3			KMI	32.1	270	PD	10 31 32.5	-0.1		
			PD	09 59 20.0	-0.1			WMQ	42.4	303	P	10 32 57.4	0.6		
			P <sub>m</sub> Z			1.5	0.2	1984 10 9							
			PP	10 00 45.5	-4.0			O=13 44 43.3 +/- 0.49 SEC							
			ES	10 04 03.0	0.8			LAT=3.82 S +/- 4.80 KM							
GTA	33.1	297	LN			12.0	0.4	LONG=103.97 E +/- 1.96 KM							
			IPR	09 59 28.4	0.5			DEPTH=305 KM +/- 2.17 KM							
			P <sub>m</sub> Z			3.5	0.4	mb(NEIS)=4.4							
			AP	10 00 51.0	3.5			STATIONS USED=20, STAND DEV=0.93 SEC							
			S	10 04 13.5	-2.9			QZN	23.4	14	P	13 49 30.2	2.7		
LSA	41.0	281	S <sub>m</sub> N			4.5	0.3	CD2	34.5	359	IPD	13 51 06.2	0.6		
			P	10 00 35.2	1.5						P <sub>m</sub> Z			0.8	0.02
			ES	10 06 15.0	0.0			LSA	35.5	340	P	13 51 14.5	0.2		
			S <sub>m</sub> N			8.0	0.4	XAN	37.9	6	PD	13 51 33.5	-0.6		
			SCS	10 09 47.0	0.7			LZH	39.7	359	PD	13 51 48.5	-0.1		
WMQ	42.4	303	PD	10 00 45.0	0.5			WMQ	49.6	344	P	13 53 06.6	-0.3		
			S	10 06 34.0	-0.4			CN2	51.2	19	EP	13 53 16.5	-1.9		
			S <sub>m</sub> N			4.0	0.5	1984 10 9							
			SCS	10 09 57.0	2.1			O=23 38 08.0 +/- 0.09 SEC							
1984 10 9								LAT=38.99 N +/- 0.95 KM							
O=10 25 42.4 +/- 0.21 SEC								LONG=119.85 E +/- 1.52 KM							
LAT=30.02 N +/- 0.79 KM								DEPTH=14 KM +/- 0.01 KM							
LONG=138.68 E +/- 0.99 KM								ML(CHINA)=3.4/8							
DEPTH=460 KM +/- 2.62 KM								STATIONS USED=10, STAND DEV=1.95 SEC							
mb(NEIS)=4.7								DL2	1.4	92	PG	23 38 34.6	1.1		
STATIONS USED=61, STAND DEV=0.68 SEC											SG	23 38 53.0	1.2		
MDJ	16.2	336	EP	10 29 07.2	0.1						S <sub>m</sub> N		ML=3.4	1.0	0.6
SNY	16.9	318	PD	10 29 14.5	0.3						S <sub>m</sub> E			0.6	0.6
NJ2	17.1	281	IPC	10 29 15.8	0.0			BJI	3.0	291	EPG	23 38 59.5	-3.8		
			SCP	10 36 30.0	4.5						SN	23 39 33.5	-0.2		
CN2	17.3	326	P	10 29 18.2	0.3						S <sub>m</sub> N		ML=4.1	0.5	0.9
QZH	18.5	258	EP	10 29 29.3	-0.4			TIA	3.5	218	PN	23 39 06.0	2.9		
TIA	19.1	294	PD	10 29 34.8	-0.3						SN	23 39 37.2	-8.5		
BJI	20.9	304	EP	10 29 51.5	-1.1						S <sub>m</sub> N		ML=3.0	0.3	0.05
WHN	21.0	277	EP	10 29 54.5	1.0						S <sub>m</sub> E			0.3	0.03
TIY	23.1	296	PD	10 30 12.8	0.3										
			P <sub>m</sub> Z			1.0	0.03	1984 10 10							
GZH	23.7	259	EP	10 30 17.5	-0.4			O=00 24 48.7 +/- 1.16 SEC							
HHC	24.5	303	EP	10 30 25.6	0.0			LAT=13.41 N +/- 2.82 KM							
QZN	28.3	253	EP	10 31 00.9	1.3			LONG=144.56 E +/- 2.50 KM							
GYA	28.4	270	PC	10 31 00.2	0.2			DEPTH=200 KM +/- 9.66 KM							
LZH	29.7	290	IPD	10 31 11.0	-0.7			mb(NEIS)=5.4							
			P <sub>m</sub> Z			1.5	0.06	STATIONS USED=30, STAND DEV=0.68 SEC							
CD2	30.0	280	IPD	10 31 14.6	0.2										



STA. $\Delta$ $\Delta$ AZ	PHASE	UTC	RESID	T	A	STA. $\Delta$ AZ	PHASE	UTC	RESID	T	A
CODE deg deg		h m s	sec	sec	$\mu$	CODE deg deg		h m s	sec	sec	$\mu$
QZN 33.8 284	EP	00 31 14.2	0.5			<b>LAT = 20.09 S +/- 4.07 KM</b> <b>LONG = 179.14 W +/- 2.82 KM</b> <b>DEPTH = 689 KM +/- 2.62 KM</b> <b>mb(NEIS) = 5.6</b> <b>STATIONS USED = 90, STAND DEV = 1.60 SEC</b>					
TIY 37.4 316	P	00 31 44.8	-0.1			GZH 78.6 299	IPD	19 16 55.0	1.0		
	$P_mZ$			0.7	0.02	NJ2 78.8 310	PD	19 16 55.2	0.1		
GYA 37.8 295	P	00 31 49.0	1.4			MDJ 79.6 325	EP	19 16 59.2	0.1		
XAN 38.3 308	IPC	00 31 51.6	-0.1			QZN 79.7 294	EP	19 17 00.0	0.1		
CD2 41.3 301	IPC	00 32 16.6	-0.3			SNY 81.2 320	PD	19 17 06.8	-0.7		
	$P_mZ$			0.7	0.02	CN2 81.3 322	IPD	19 17 07.6	-0.5		
GTA 47.1 311	IPC	00 33 03.0	0.3				$P_mZ$			3.0	0.3
<b>1984 10 10</b> <b>O = 12 25 22.2 +/- 0.19 SEC</b> <b>LAT = 55.57 S +/- 4.95 KM</b> <b>LONG = 27.17 W +/- 5.14 KM</b> <b>DEPTH = 42 KM +/- 1.00 KM</b> <b>MsZ(NEIS) = 4.7, mb(NEIS) = 4.9</b> <b>STATIONS USED = 13, STAND DEV = 3.14 SEC</b>							AP	19 19 26.0	-2.3		
XAN 143.0 106	EPKP	12 44 49.9	-2.6				S	19 26 25.0	-0.3		
NJ2 146.6 120	EPKP	12 45 06.5	7.8				$S_mN$			4.0	0.5
TIY 147.7 106	EPKP	12 45 01.0	0.5			TIA 82.2 312	PD	19 17 12.4	-0.2		
BTO 148.3 100	EPKP	12 45 04.0	2.4			BJI 84.8 315	EP	19 17 25.0	-0.5		
TIA 149.0 113	EPKP	12 45 05.3	2.7			GYA 85.5 300	PD	19 17 29.0	0.2		
<b>1984 10 10</b> <b>O = 13 07 55.1 +/- 0.10 ESEC</b> <b>LAT = 5.70 S +/- 1.32 KM</b> <b>LONG = 104.00 E +/- 0.94 KM</b> <b>DEPTH = 32 KM +/- 0.25 KM</b> <b>mb(NEIS) = 4.7</b> <b>STATIONS USED = 8, STAND DEV = 1.84 SEC</b>							XP	19 21 00.0	2.6		
CD2 36.4 359	(P)	13 15 02.3	3.4			TIY 86.2 312	EP	19 17 32.0	0.0		
XAN 39.8 6	PD	13 15 28.6	1.4				$P_mZ$			1.2	0.04
GTA 45.0 355	EP	13 16 10.3	0.0			XAN 87.0 307	PD	19 17 36.5	0.6		
WMQ 51.4 344	EP	13 16 57.0	-2.9				$P_mZ$			1.2	0.1
<b>1984 10 10</b> <b>O = 16 28 28.9 +/- 0.32 SEC</b> <b>LAT = 31.93 S +/- 0.66 KM</b> <b>LONG = 177.65 W +/- 1.63 KM</b> <b>DEPTH = 33 KM +/- 2.04 KM</b> <b>mb(NEIS) = 5.3</b> <b>STATIONS USED = 13, STAND DEV = 0.81 SEC</b>							AP	19 19 58.5	-0.1		
TIA 91.2 312	EP	16 41 33.6	0.5				S	19 27 25.1	5.8		
CN2 91.5 322	PC	16 41 33.8	-0.7				$S_mN$			7.0	0.0
	AP	16 41 39.4	-4.7			KMI 88.2 297	PD	19 17 42.5	1.0		
<b>1984 10 10</b> <b>O = 19 05 58.5 +/- 0.25 SEC</b>							$P_mZ$			1.0	0.2
							AP	19 20 03.5	-1.0		
							ES	19 27 25.0	-5.2		
						HHC 88.3 314	EP	19 17 42.3	0.4		
						BTO 89.2 313	EP	19 17 46.0	-0.1		
						CD2 89.7 303	P	19 17 49.2	1.1		
							S	19 27 49.5	6.8		
						LZH 91.7 307	IPD	19 17 58.0	0.6		
						GTA 95.9 309	P	19 18 16.6	0.0		
						<b>1984 10 10</b> <b>O = 21 11 18.5 +/- 0.42 SEC</b> <b>LAT = 36.92 N +/- 4.90 KM</b> <b>LONG = 23.70 E +/- 2.44 KM</b> <b>DEPTH = 108 KM +/- 2.72 KM</b> <b>mb(NEIS) = 4.5</b> <b>STATIONS USED = 27, STAND DEV = 1.78 SEC</b>					
						WMQ 48.2 60	PD	21 19 51.4	1.1		







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			1.0	0.05	<b>STATIONS USED = 38, STAND DEV = 1.21 SEC</b>							
			LE			1.0	0.04	QZN	85.0	296	P	08 33 53.0	-1.1		
QZN	9.2	281	EP	04 03 00.0	-0.7			NJ2	87.2	311	EP	08 34 05.2	0.0		
XAN	19.0	332	EP	04 05 09.0	0.1			WHN	89.1	308	EP	08 34 15.0	1.0		
CD2	19.5	316	EP	04 05 16.0	0.8			MDJ	90.5	326	EP	08 34 20.0	-0.8		
1984 10 11								TIA	91.1	313	EP	08 34 22.6	-0.9		
O=05 09 22.5			+/-	1.98 SEC				SNY	91.4	321	EP	08 34 20.0	-4.2		
LAT=29.23 N			+/-	5.71 KM				GYA	91.8	300	P	08 34 26.4	-0.4		
LONG=57.97 E			+/-	2.27 KM				CN2	91.9	323	PU	08 34 24.0	-3.1		
DEPTH=23 KM			+/-	13.96 KM				P <sub>m</sub> Z 3.0 0.3							
Ms(CHINA)=4.6/3, mb(NEIS)=5.0								KMI	93.9	297	EP	08 34 38.0	1.7		
<b>STATIONS USED = 58, STAND DEV = 2.41 SEC</b>											ES	08 45 25.0	-7.0		
KSH	18.0	50	EP	05 13 31.0	-2.3			XAN	94.9	307	EP	08 34 40.8	0.1		
			LE		Ms=4.8	10.0	2.8				PP	08 38 35.0	2.6		
WMQ	27.8	50	PC	05 15 12.5	0.1			CD2	96.5	302	EP	08 34 49.6	1.5		
LSA	28.8	80	EP	05 15 23.6	1.5			1984 10 11							
GTA	35.7	62	IPC	05 16 23.2	1.1			O=11 50 42.8			+/-	0.17 SEC			
			LE		Ms=4.3	16.0	0.5	LAT=7.14 S			+/-	1.46 KM			
LZH	38.9	67	EP	05 16 49.5	0.5			LONG=155.95 E			+/-	1.55 KM			
			P <sub>m</sub> Z			2.0	0.1	DEPTH=78 KM			+/-	1.62 KM			
CD2	39.4	75	EP	05 16 54.4	1.3			mb(NEIS)=5.0							
KMI	39.9	84	PC	05 16 58.0	1.3			<b>STATIONS USED = 46, STAND DEV = 1.26 SEC</b>							
			P <sub>m</sub> Z			1.3	0.2	NJ2	52.6	319	PC	11 59 51.5	0.4		
			ES	05 22 58.0	-2.4			TIA	56.4	322	PD	12 00 18.3	-0.7		
			LN		Ms=4.6	16.0	0.7	SNY	57.0	331	EP	12 00 21.8	-1.3		
GYA	42.9	81	P	05 17 22.8	1.1			CN2	57.7	334	PC	12 00 27.0	-1.1		
XAN	43.3	70	PC	05 17 25.0	0.3			GYA	58.2	307	P	12 00 32.6	0.6		
BTO	43.6	60	EP	05 17 27.9	0.6			TIY	60.2	321	EP	12 00 45.3	-0.5		
HHC	44.8	60	EP	05 17 38.0	1.3			XAN	60.4	315	P	12 00 45.8	-1.1		
TIY	45.7	64	P	05 17 44.5	0.6			KMI	60.8	303	PC	12 00 50.5	0.6		
BJI	48.3	60	EP	05 18 05.0	0.3			CD2	62.6	310	EP	12 01 01.6	0.1		
WHN	48.5	73	EP	05 18 07.0	1.3			BTO	63.5	322	EP	12 01 07.5	-0.2		
TIA	48.6	65	PC	05 18 15.0	0.5			GTA	69.4	316	P	12 01 45.7	0.3		
GZH	49.7	83	EP	05 18 16.8	1.5			LSA	72.1	304	P	12 02 02.0	0.4		
NJ2	51.8	70	PD	05 18 31.8	0.2			WMQ	79.5	316	PC	12 02 43.8	0.3		
			AP	05 18 37.8	-1.6			KSH	86.7	310	PU	12 03 23.0	2.6		
SNY	53.7	57	EP	05 18 43.0	-2.1			1984 10 11							
CN2	54.7	55	PC	05 18 52.0	-0.9			O=13 10 14.5			+/-	1.12 SEC			
1984 10 11								LAT=36.99 N			+/-	4.74 KM			
O=08 21 32.2			+/-	0.32 SEC				LONG=141.32 E			+/-	6.33 KM			
LAT=33.90 S			+/-	1.53 KM				DEPTH=69 KM			+/-	7.57 KM			
LONG=179.95 E			+/-	1.84 KM				Ms(CHINA)=4.0/4, mb(NEIS)=5.1							
DEPTH=137 KM			+/-	2.79 KM				<b>STATIONS USED = 61, STAND DEV = 2.69 SEC</b>							
mb(NEIS)=5.5								CN2	13.9	304	PC	13 13 27.6	-1.8		



October



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 16 01.0	-1.3										
			LE		Ms=4.0	15.0	0.9								
SNY	14.5	294	EP	13 13 38.1	0.0										
			ES	13 16 26.0	7.9										
			LN		Ms=4.1	16.0	0.7								
			LE			19.0	1.1								
NJ2	19.1	261	PD	13 14 33.6	-1.4										
TIA	19.4	274	PD	13 14 36.4	-1.8										
BJI	19.9	286	EP	13 14 41.5	-1.6										
TIY	22.9	280	EP	13 15 12.6	-1.2										
			LE		Ms=3.9	13.0	0.3								
WHN	23.3	261	EP	13 15 18.0	1.0										
BTO	24.6	288	EP	13 15 29.3	-0.6										
XAN	26.5	273	P	13 15 47.6	0.2										
GZH	27.8	247	EP	13 16 02.0	2.7										
LZH	30.0	279	EP	13 16 19.0	-0.3										
GYA	31.1	260	P	13 16 29.0	-0.4										
CD2	31.6	270	P	13 16 33.2	-0.1										
GTA	32.5	287	EP	13 16 41.1	-0.2										
			PCP	13 19 28.5	2.4										
KMI	34.9	261	PD	13 17 02.0	0.2										
WMQ	40.8	296	PD	13 17 52.8	1.7										
1984 10 11															
O=15 06 49.7 +/- 1.15 SEC															
LAT=23.15 N +/- 7.63 KM															
LONG=123.25 E +/- 8.23 KM															
DEPTH=21 KM +/- 1.34 KM															
mb(NEIS)=4.0, ML(CHINA)=3.6/4															
STATIONS USED=9, STAND DEV=2.02 SEC															
QZH	4.6	293	EPN	15 07 58.2	-2.1										
			S <sub>m</sub> N		ML=3.6	0.3	0.09								
			S <sub>m</sub> E			0.3	0.07								
SSE	8.1	347	EP	15 08 49.8	0.3										
1984 10 11															
O=15 59 50.7 +/- 0.09 SEC															
LAT=9.54 S +/- 0.46 KM															
LONG=125.02 E +/- 0.48 KM															
DEPTH=43 KM +/- 1.09 KM															
mb(NEIS)=4.8															
STATIONS USED=7, STAND DEV=0.46 SEC															
CD2	45.1	333	EP	16 08 04.9	-0.1										
XAN	46.0	341	P	16 08 11.0	-0.9										
LSA	50.8	321	EP	16 08 50.5	0.3										
1984 10 12															
O=03 29 44.1 +/- 0.26 SEC															
LAT=8.14 S +/- 2.07 KM															
LONG=147.50 E +/- 2.58 KM															
DEPTH=130 KM +/- 2.81 KM															
mb(NEIS)=5.4															
STATIONS USED=82, STAND DEV=2.02 SEC															
GZH	45.8	313	PC	03 37 56.7	1.8										
QZN	46.1	306	P	03 37 58.4	1.4										
			ES	03 44 40.0	8.1										
NJ2	48.7	327	PU	03 38 17.0	-0.2										
WHN	50.1	322	PC	03 38 30.0	1.6										
GYA	52.6	312	P	03 38 48.8	1.1										
			S	03 46 12.0	8.2										
TIA	52.8	329	P	03 38 47.2	-1.3										
SNY	54.6	338	IPD	03 39 00.7	-1.0										
KMI	54.9	308	PC	03 39 05.5	1.5										
			P <sub>m</sub> Z											1.5	0.3
			ES	03 46 30.0	-3.8										
MDJ	55.2	344	EP	03 39 05.5	-0.7										
CN2	55.7	340	PC	03 39 07.6	-2.1										
			AP	03 39 41.0	1.0										
XAN	55.9	321	PC	03 39 10.8	-0.1										
			XP	03 39 53.8	-2.2										
			S	03 46 48.3	1.7										
BJI	56.2	331	EP	03 39 12.0	-1.6										
TIY	56.4	326	EP	03 39 14.2	-0.5										
			P <sub>m</sub> Z											1.0	0.04
CD2	57.3	315	P	03 39 21.8	0.6										
			AP	03 39 53.0	1.4										
			S	03 47 11.0	5.2										
HHC	59.1	328	PD	03 39 34.0	0.0										
BTO	59.8	327	EP	03 39 37.3	-1.0										
LZH	60.4	319	PC	03 39 42.5	0.1										
			P <sub>m</sub> Z											1.5	0.4
GTA	64.9	320	IPC	03 40 12.7	0.2										
			P <sub>m</sub> Z											1.5	0.2
			S	03 48 47.3	4.9										
			S <sub>m</sub> N											5.0	0.3
LSA	66.1	307	P	03 40 21.0	0.6										
WMQ	74.9	319	EP	03 41 13.5	0.1										
			AP	03 41 47.0	1.8										
			S	03 50 40.0	0.9										
			S <sub>m</sub> N											7.0	3.1
KSH	81.3	312	EP	03 41 50.0	1.5										



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$							
1984 10 12 <b>O=04 39 32.2</b> +/- 0.21 SEC <b>LAT=24.06 N</b> +/- 1.35 KM <b>LONG=105.87 E</b> +/- 2.15 KM <b>DEPTH=4 KM</b> +/- 0.06 KM <b>ML(CHINA)=3.7/4</b> <b>STATIONS USED=8, STAND DEV=1.73 SEC</b>								1984 10 12 <b>O=18 21 45.3</b> +/- 0.90 SEC <b>LAT=16.59 S</b> +/- 2.43 KM <b>LONG=177.12 E</b> +/- 1.82 KM <b>DEPTH=4 KM</b> +/- 6.09 KM <b>Ms(CHINA)=5.9/28, Msz(NEIS)=6.1, mb(NEIS)=5.6</b> <b>STATIONS USED=81, STAND DEV=1.44 SEC</b>														
GYA	2.5	16	PN	04 40 17.6	3.2			KMI	44.2	252	PD	09 57 57.0	0.2									
			PG	04 40 23.6	5.9						S	10 03 57.0	5.5									
			SG	04 40 58.0	7.6			KSH	51.4	287	E(P)	09 58 51.0	-0.4									
			S <sub>m</sub> N		ML=2.8	0.8	0.04															
			S <sub>m</sub> E			0.8	0.06															
KMI	3.0	291	EPG	04 40 30.0	2.5			QZH	70.4	304	P	18 33 04.0	0.7									
GZH	6.9	96	EPN	04 41 19.0	1.9						S	18 42 15.5	-0.4									
			LN			1.0	0.2				S <sub>m</sub> E			11.0	2.5							
			LE			1.0	0.2				LE		Ms=6.0	19.5	9.2							
CD2	7.1	345	EPN	04 41 19.8	0.6			GZH	73.8	300	EP	18 33 24.0	0.6									
			ESN	04 42 33.8	-7.3						P <sub>m</sub> Z			6.0	2.0							
			S <sub>m</sub> N		ML=3.8	0.6	0.04				S	18 42 56.0	1.5									
			S <sub>m</sub> E			0.8	0.04				S <sub>m</sub> N			9.0	0.9							
XAN	10.3	14	EP	04 42 01.6	-2.4						S <sub>m</sub> E			10.0	2.1							
			ES	04 43 53.2	-8.1						LN		Ms=6.0	20.0	3.5							
1984 10 12 <b>O=09 50 34.2</b> +/- 0.12 SEC <b>LAT=50.63 N</b> +/- 1.16 KM <b>LONG=149.97 E</b> +/- 0.84 KM <b>DEPTH=543 KM</b> +/- 1.53 KM <b>mb(NEIS)=4.8</b> <b>STATIONS USED=54, STAND DEV=0.72 SEC</b>															NJ2	73.8	311	PU	18 33 24.0	0.2		
MDJ	15.0	254	EP	09 53 42.0	-1.5						P <sub>m</sub> Z			7.0	1.7							
CN2	18.0	257	IPD	09 54 11.4	-1.1						S	18 42 54.0	-1.2									
SNY	20.2	254	IPD	09 54 33.7	0.2						SKS	18 43 26.0	0.2									
NJ2	29.5	242	PC	09 55 56.0	-0.6						SS	18 47 45.0	5.3									
TIY	29.5	258	IPC	09 55 57.0	0.2						LN		Ms=5.6	17.0	3.0							
			P <sub>m</sub> Z			0.8	0.03	MDJ	74.7	326	EP	18 33 28.6	-0.2									
WHN	33.2	246	EP	09 56 28.0	-0.1						PP	18 36 17.6	0.6									
LZH	35.9	264	IPD	09 56 51.5	0.6						ES	18 43 04.0	-1.0									
			P <sub>m</sub> Z			1.5	0.1				SCS	18 43 33.0	-3.7									
GTA	36.5	271	IPD	09 56 56.2	0.5						LN		Ms=5.9	18.0	6.1							
			SCP	10 01 58.6	-0.3			QZN	75.0	295	P	18 33 32.0	1.3									
			SCS	10 06 06.8	-0.2						S	18 43 15.0	6.4									
CD2	39.4	257	P	09 57 19.6	-0.8						SCS	18 43 44.0	4.7									
WMQ	41.7	285	IPD	09 57 38.6	1.0						LE		Ms=5.9	18.0	5.0							
			P <sub>m</sub> Z			1.2	0.07	SNY	76.3	321	IPU	18 33 36.8	-1.0									
			S	10 03 17.5	0.6						P <sub>m</sub> Z			10.0	1.6							
											S	18 43 24.0	1.7									
											S <sub>m</sub> N			10.0	2.2							
											S <sub>m</sub> E			18.0	2.3							
											LN		Ms=5.8	17.0	3.0							
											LE			20.0	3.7							
								WHN	76.4	307	EP	18 33 40.0	1.5									
											PCP	18 33 45.0	-4.8									







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		
BJI	80.1	316	EP	19 12 12.0	- 1.0						XP	02 16 09.0	- 4.8				
XAN	82.3	308	PC	19 12 24.2	- 0.5						S	02 26 00.0	1.4				
KMI	83.6	298	EP	19 12 31.5	- 0.4						LN	Ms=5.6	19.0	2.8			
			ES	19 22 46.0	- 8.5					CN2	82.1	321	PD	02 16 05.0	- 0.7		
CD2	85.0	304	(P)	19 12 39.2	0.8					SNY	82.1	318	EP	02 16 06.1	0.1		
LZH	86.9	308	EP	19 12 48.0	- 0.2							ES	02 26 20.0	3.4			
			P <sub>m</sub> Z			2.0	0.09					S <sub>m</sub> E			8.0	1.7	
WMQ	101.1	312	EP	19 14 00.0	6.6							LN	Ms=5.6	21.0	1.7		
												LE		23.0	2.3		
1984 10 12																	
O=21 13 56.7 +/- 0.39 SEC																	
LAT=15.42 N +/- 3.51 KM																	
LONG=119.84 E +/- 2.30 KM																	
DEPTH=32 KM +/- 2.20 KM																	
mb (NEIS)=4.8																	
STATIONS USED=22, STAND DEV=1.68 SEC																	
QZH	9.5	353	EP	21 16 14.5	- 0.6							WHN	83.1	305	EP	02 16 12.0	- 0.9
GZH	9.8	322	EP	21 16 16.1	- 2.3							TIA	83.6	311	EP	02 16 13.9	0.3
QZN	10.2	292	EP	21 16 23.4	- 0.8							ES	02 26 39.5	7.8			
			ES	21 18 13.6	- 5.1							S <sub>m</sub> N			8.0	0.5	
WHH	15.9	342	EP	21 17 41.0	1.4							S <sub>m</sub> E			12.0	1.3	
KMI	18.7	303	PD	21 18 19.0	3.7							ESS	02 31 51.5	- 8.0			
TIA	20.8	353	EP	21 18 37.4	- 1.2							LN	Ms=5.7	20.0	2.9		
XAN	21.0	333	P	21 18 39.5	- 0.6							LE		17.0	1.9		
CD2	21.3	319	P	21 18 44.0	0.6							BJI	86.0	314	EP	02 16 26.0	0.3
TIY	23.2	344	EP	21 19 01.8	0.2							P <sub>m</sub> Z			4.5	0.3	
BJI	24.7	353	EP	21 19 19.5	2.6							ES	02 26 54.0	- 1.7			
LZH	25.1	328	EP	21 19 20.5	0.3							EXS	02 27 15.0	- 1.0			
HHC	26.3	345	EP	21 19 33.8	1.7							LN	Ms=5.4	18.0	1.3		
BTO	26.5	343	EP	21 19 34.4	0.8							TIY	87.6	310	EP	02 16 34.0	0.5
SNY	26.5	6	EP	21 19 32.0	- 1.6							LE	Ms=5.6	25.0	2.9		
1984 10 13																	
O=02 03 47.6 +/- 0.19 SEC																	
LAT=18.29 S +/- 6.20 KM																	
LONG=175.46 W +/- 3.73 KM																	
DEPTH=43 KM +/- 1.60 KM																	
Ms(CHINA)=5.6/14, Msz(NEIS)=6.0, mb(NEIS)=5.4																	
STATIONS USED=69, STAND DEV=2.96 SEC																	
MDJ	80.1	323	EP	02 15 53.5	- 2.1							GYA	87.7	298	P	02 16 29.0	- 4.8
			EPP	02 18 59.0	0.6							XAN	88.7	306	EP	02 16 38.3	- 0.5
			ES	02 26 00.0	3.7							XP	02 16 51.0	- 4.9			
			ESCS	02 26 08.2	- 4.4							ESKS	02 27 07.0	6.1			
			ESS	02 31 16.0	7.7							LE	Ms=5.4	17.0	1.4		
			LE	Ms=6.6	36.0	48.2						HHC	89.6	313	EP	02 16 44.0	1.2
NJ2	80.4	308	PU	02 15 57.0	0.2							AP	02 16 54.4	- 0.4			
												LN	Ms=5.2	16.0	0.8		
												KMI	90.5	296	PD	02 16 50.0	2.6
												BTO	90.5	312	P	02 16 48.0	0.6
												LN	Ms=5.7	18.0	1.2		
												LE		18.0	2.5		
												CD2	91.6	301	EP	02 16 54.2	1.7
												LZH	93.4	306	EP	02 17 01.5	1.0
												GTA	97.4	308	P	02 17 20.0	0.9
												LE	Ms=5.5	18.0	1.6		
1984 10 13																	
O=03 53 27.0 +/- 0.25 SEC																	
LAT=7.44 S +/- 1.09 KM																	
LONG=128.57 E +/- 1.47 KM																	
DEPTH=155 KM +/- 2.68 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
<b>mb(NEIS) = 5.3</b> <b>STATIONS USED = 54, STAND DEV = 1.05 SEC</b>															
GZH	33.8	324	PC	03 59 56.5	0.1						S	05 53 44.0	1.9		
GYA	39.8	328	PD	04 00 48.6	1.3						S <sub>m</sub> N			10.0	1.0
WHN	40.2	340	PC	04 00 51.5	1.8						LN	Ms = 5.5		15.0	1.7
NJ2	40.4	347	PC	04 00 51.8	0.5						LE			13.0	0.9
			SCP	04 06 26.6	1.9						GZH	73.5	300	EP	05 44 11.0 - 3.2
KMI	41.0	322	EP	04 00 59.0	2.2						LN	Ms = 5.9		20.0	1.9
			ES	04 06 57.0	- 0.4						LE			20.0	6.0
TIA	44.7	346	EP	04 01 25.9	- 0.9						MDJ	74.1	326	EP	05 44 15.5 - 1.9
CD2	44.9	329	EP	04 01 28.6	0.1						LN	Ms = 6.4		18.0	19.4
XAN	45.3	336	PC	04 01 30.2	- 0.9						DL2	75.2	318	P	05 44 26.6 2.0
			S	04 07 54.6	- 4.4						S	05 53 56.0	- 6.3		
TIY	47.4	342	P	04 01 47.3	- 0.4						S <sub>m</sub> N			10.0	1.1
BJI	48.6	347	EP	04 01 56.0	- 1.2						S <sub>m</sub> E			11.0	1.9
LZH	49.1	333	P	04 02 01.5	0.0						LN	Ms = 6.0		18.0	4.5
			P <sub>m</sub> Z			1.5	0.2				LE			20.0	4.9
HHC	50.5	343	EP	04 02 12.0	0.0						SNY	75.7	321	PC	05 44 24.5 - 2.3
BTO	50.8	341	EP	04 02 12.0	- 1.8						ES	05 53 57.0	-10.6		
CN2	51.1	357	EP	04 02 13.0	- 3.0						S <sub>m</sub> N			10.5	1.2
LSA	51.5	317	EP	04 02 30.0	0.0						S <sub>m</sub> E			10.5	0.8
GTA	53.7	332	IPC	04 02 35.4	- 0.1						SS	05 59 02.0	1.7		
			SCP	04 07 23.1	2.9						LN	Ms = 5.8		19.0	3.0
			S	04 09 52.9	- 3.2						LE			20.0	4.0
			S <sub>m</sub> E			9.0	0.6				CN2	75.8	323	PU	05 44 26.0 - 1.5
			SCS	04 12 06.6	1.9						P <sub>m</sub> N			6.0	0.6
WMQ	63.0	327	IPC	04 03 39.5	- 0.7						P <sub>m</sub> E			6.0	0.6
			P <sub>m</sub> Z			1.5	0.1				P <sub>m</sub> Z			6.0	1.7
			S	04 11 55.2	- 1.6						EPP	05 47 13.0	- 5.5		
			S <sub>m</sub> N			3.0	0.2				PP <sub>m</sub> Z			6.0	1.1
			SCS	04 13 14.5	1.6						ES	05 53 59.0	- 9.9		
KSH	67.4	318	EP	04 04 09.0	0.8						S <sub>m</sub> N			9.0	1.3
<b>1984 10 13</b> <b>O = 05 32 38.8 +/- 0.22 SEC</b> <b>LAT = 15.69 S +/- 3.06 KM</b> <b>LONG = 177.39 E +/- 3.22 KM</b> <b>DEPTH = 12 KM +/- 0.77 KM</b> <b>Ms(CNINA) = 5.8/29, Msz(NEIS) = 6.0, mb(NEIS) = 5.8</b>															
<b>STATIONS USED = 78, STAND DEV = 2.63 SEC</b>															
QZH	70.1	304	EP	05 43 57.0	3.4						LN	Ms = 6.0		22.0	8.3
			ES	05 53 00.0	- 3.7						WHN	76.1	307	EP	05 44 27.5 - 1.2
			SS	05 57 25.0	- 8.2						ES	05 54 00.0	-11.3		
			LE	Ms = 5.7		20.0	4.2				S <sub>m</sub> N			9.0	0.9
NJ2	73.4	310	PC	05 44 14.0	0.4						LN	Ms = 5.8		17.0	4.4
			P <sub>m</sub> Z			7.0	0.9				P	05 44 31.4	- 1.6		
											ES	05 54 22.0	2.6		
											S <sub>m</sub> N			11.0	1.0
											S <sub>m</sub> E			11.0	1.0
											LN	Ms = 5.8		22.0	4.2
											LE			14.0	2.3
											BJI	79.4	316	EP	05 44 47.5 0.3
											P <sub>m</sub> E			5.5	0.3
											P <sub>m</sub> Z			6.0	0.5
											ES	05 54 50.0	2.7		
											S <sub>m</sub> N			10.0	1.2



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
			S <sub>m</sub> E			12.0	0.9	BTO	4.0	114	PN	08 28 32.6	- 4.0		
			LN		Ms=5.8	17.0	3.0				SN	08 29 30.0	1.5		
			LE			17.0	2.5				S <sub>m</sub> N		ML=4.5	0.4	1.3
TIY	80.8	313	EP	05 44 53.6	- 1.3						S <sub>m</sub> E			0.4	0.9
			P <sub>m</sub> Z			5.5	0.9	HHC	4.9	105	PN	08 28 46.0	- 4.6		
			S	05 55 08.5	6.3						PG	08 29 02.4	- 2.6		
			S <sub>m</sub> E			11.0	2.0				SG	08 30 01.2	- 8.6		
			LN		Ms=5.8	18.0	3.0				S <sub>m</sub> E		ML=4.1	1.0	0.2
			LE			16.0	1.8	GTA	5.1	236	PN	08 28 53.1	0.9		
XAN	81.7	308	P	05 45 58.2	- 1.5						PG	08 29 10.7	3.6		
			P <sub>m</sub> Z			6.0	1.0				SG	08 30 15.0	1.7		
			S	05 55 13.7	2.0						S <sub>m</sub> N		ML=5.0	2.0	1.5
			S <sub>m</sub> N			11.0	1.6				S <sub>m</sub> E			2.0	1.7
			S <sub>m</sub> E			13.0	1.8	LZH	6.3	190	EPN	08 29 07.0	- 3.1		
			LN		Ms=6.0	17.0	2.8				AP	08 29 15.0	0.2		
			LE			20.0	5.0				LG <sub>1</sub>	08 30 46.5	- 6.9		
KMI	83.2	298	PD	05 45 10.0	2.3						LG <sub>2</sub>	08 31 01.0	- 2.5		
			ES	05 55 20.5	- 6.9						LN			1.2	1.4
			XS	05 55 36.0	- 0.9						LE			1.5	1.3
			LE		Ms=6.2	26.0	12.8	TIY	7.2	127	PN	08 29 21.8	0.0		
BTO	83.8	315	EP	05 45 10.0	- 0.4						PG	08 29 42.9	- 2.6		
			SCS	05 55 40.0	- 1.8						SB	08 31 04.2	- 5.0		
			LN		Ms=6.0	18.0	3.3				S <sub>m</sub> N		ML=5.0	0.8	0.7
			LE			18.0	4.4				S <sub>m</sub> E			0.8	0.4
CD2	84.5	304	EP	05 45 14.0	0.2			XAN	8.7	159	EP	08 29 40.6	- 3.3		
			LE		Ms=5.7	22.0	3.7				LE			4.0	0.9
LZH	86.4	308	EP	05 45 25.5	2.3			CD2	11.5	186	EP	08 30 21.2	0.2		
			P <sub>m</sub> Z			6.0	1.5				ES	08 32 32.6	2.7		
			S	05 55 54.0	- 4.0						LE		Ms=4.4	6.0	1.0
			LE		Ms=5.8	19.0	3.3	CN2	14.8	77	EP	08 31 02.0	- 3.9		
GTA	90.5	310	EP	05 45 42.1	- 1.0			GYA	15.9	175	P	08 31 20.2	0.7		
			LE		Ms=5.9	20.0	20.9	KMI	17.3	187	EP	08 31 41.0	3.5		
WMQ	100.5	312	EP	05 46 29.5	1.1			<p>1984 10 13</p> <p>O=08 51 38.6 +/- 0.11 SEC</p> <p>LAT=42.62 N +/- 2.27 KM</p> <p>LONG=105.44 E +/- 0.73 KM</p> <p>DEPTH=16 KM +/- 0.09 KM</p> <p>ML(CHINA)=3.9/6</p> <p>STATIONS USED=9, STAND DEV=4.70 SEC</p>							
			ESKS	05 57 08.0	3.6			BTO	4.0	118	PN	08 52 38.6	- 2.1		
			S	05 58 06.0	4.3						PG	08 52 47.7	- 3.5		
			SS	06 05 00.0	0.8						SN	08 53 22.5	- 5.4		
			LN		Ms=5.9	24.0	3.7				SG	08 53 35.1	- 8.2		
			LE			34.0	4.2				S <sub>m</sub> N		ML=3.7	0.4	0.2
											S <sub>m</sub> E			0.4	0.1
<p>1984 10 13</p> <p>O=08 27 34.9 +/- 0.23 SEC</p> <p>LAT=42.32 N +/- 1.65 KM</p> <p>LONG=105.27 E +/- 2.35 KM</p> <p>DEPTH=18 KM +/- 0.04 KM</p> <p>Ms(CHINA)=4.5/2, mb(NEIS)=4.6, ML(CHINA)=5.0/8</p> <p>STATIONS USED=27, STAND DEV=4.92 SEC</p>															



October



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
HHC	4.9	109	EPN	08 52 57.0	3.1			BTO	21.0	334	EP	11 55 25.0	- 1.5		
			SG	08 54 03.8	- 8.6						(S)	11 59 21.0	7.3		
			S <sub>m</sub> N		ML=4.5	0.8	0.6	CN2	22.0	7	EP	11 55 36.0	- 1.0		
GTA	5.3	234	PN	08 52 59.0	- 0.9			MDJ	23.6	14	EP	11 55 52.0	- 0.1		
			PG	08 53 17.7	1.9			GTA	25.4	318	P	11 56 09.8	0.0		
			SG	08 54 21.0	- 4.6			WMQ	35.4	316	EP	11 57 38.8	0.0		
			S <sub>m</sub> N		ML=3.7	0.8	0.09								
			S <sub>m</sub> E			0.8	0.08								
TIY	7.3	130	EPN	08 53 27.3	0.4			1984 10 13							
			PG	08 53 48.6	- 2.3			O=14 46 52.6	+/-	0.13 SEC					
			SB	08 55 13.0	- 3.3			LAT=3.21 S	+/-	1.65 KM					
			S <sub>m</sub> N		ML=4.1	0.8	0.1	LONG=134.27 E	+/-	1.76 KM					
			S <sub>m</sub> E			0.7	0.05	DEPTH=32 KM	+/-	0.37 KM					
								mb(NEIS)=4.7							
								STATIONS USED=9, STAND DEV=2.52 SEC							
								XAN	44.1	329	EP	14 54 57.3	- 2.7		
								CD2	44.7	321	EP	14 55 04.0	- 0.9		
								GTA	52.9	326	EP	14 56 06.7	- 2.1		
								1984 10 13							
								O=17 18 14.3	+/-	0.15 SEC					
								LAT=15.27 N	+/-	5.68 KM					
								LONG=94.09 W	+/-	5.58 KM					
								DEPTH=28 KM	+/-	0.66 KM					
								Ms(CHINA)=5.8/7, Msz(NEIS)=5.7, mb(NEIS)=6.1							
								STATIONS USED=50, STAND DEV=2.87 SEC							
								BJI	118.2	333	(PKP)	17 37 05.0	5.0		
											EPP	17 38 20.0	0.7		
											LE		Ms=5.7	16.0	1.4
								HHC	119.3	337	EPKP	17 37 02.0	- 0.4		
								TIA	120.9	330	EPKP	17 37 04.2	- 1.2		
											PP	17 38 33.5	- 3.8		
											ESS	17 55 10.0	5.8		
											LN		Ms=5.6	26.0	1.5
											LE			26.0	1.0
								WMQ	121.2	358	EPKP	17 37 04.5	- 1.5		
								NJ2	123.3	326	EPKP	17 37 08.4	- 1.7		
											LN		Ms=5.6	16.0	1.0
								GTA	124.1	347	PKP	17 37 11.2	- 0.5		
											PP	17 39 02.5	3.0		
											LE		Ms=5.8	19.0	1.9
								XAN	126.3	336	PKP	17 37 14.9	- 0.9		
											PP	17 39 05.9	- 7.9		
											LN		Ms=6.1	19.0	1.6
											LE			19.0	3.2
								CD2	131.0	339	PKP	17 37 25.0	0.2		
											PP	17 39 43.0	- 1.9		



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE		Ms=5.8	30.0	2.9
GYA	133.9	333	PKP	17 37 30.0	- 0.4		
LSA	135.0	353	PKP	17 37 33.0	0.2		
KMI	136.6	337	EPKP	17 37 35.0	- 0.6		
			EPP	17 40 16.0	- 3.7		
			PP <sub>m</sub> Z			10.0	0.6
			SS	17 58 09.0	- 9.3		
			LE		Ms=5.8	18.0	1.5
1984 10 13							
			O=18 42 57.9		+/- 0.06 SEC		
			LAT=53.65 N		+/- 2.48 KM		
			LONG=163.61 W		+/- 1.27 KM		
			DEPTH=31 KM		+/- 0.53 KM		
			Ms (CHINA)=4.8/1, mb (NEIS)=5.0				
			STATIONS USED=40, STAND DEV=0.90 SEC				
CN2	46.0	287	PC	18 51 19.6	- 0.9		
SNY	48.3	286	EP	18 51 37.6	- 1.0		
TIA	55.8	286	EP	18 52 34.0	- 0.8		
BTO	56.7	294	EP	18 52 40.9	- 0.4		
TIY	57.4	290	EP	18 52 46.4	0.1		
NJ2	57.8	281	PD	18 52 48.2	- 0.7		
WHN	61.5	283	EP	18 53 15.0	0.5		
XAN	62.0	290	EP	18 53 17.4	- 0.7		
LZH	63.3	295	EP	18 53 25.0	- 1.7		
WMQ	65.4	311	EP	18 53 40.0	- 0.4		
CD2	67.2	291	P	18 53 53.0	1.1		
GYA	69.0	286	P	18 54 03.6	0.6		
LSA	74.9	299	EP	18 54 40.0	1.1		
1984 10 13							
			O=19 01 27.3		+/- 0.04 SEC		
			LAT=53.69 N		+/- 1.28 KM		
			LONG=163.52 W		+/- 0.83 KM		
			DEPTH=32 KM		+/- 0.30 KM		
			mb (NEIS)=4.8				
			STATIONS USED=14, STAND DEV=0.79 SEC				
CN2	46.0	287	PC	19 09 48.6	- 1.5		
BTO	56.7	294	EP	19 11 10.0	- 0.8		
NJ2	57.8	281	EP	19 11 17.8	- 0.7		
GTA	62.9	300	P	19 11 53.5	- 0.3		
CD2	67.3	291	P	19 12 22.4	1.0		
LSA	75.0	299	EP	19 13 09.2	0.9		
1984 10 13							
			O=19 15 20.5		+/- 0.12 SEC		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LAT=21.87 S		+/- 2.46 KM		
			LONG=175.04 W		+/- 3.22 KM		
			DEPTH=31 KM		+/- 0.37 KM		
			mb (NEIS)=4.9				
			STATIONS USED=22, STAND DEV=1.67 SEC				
MDJ	83.2	323	EP	19 27 42.5	- 3.6		
CN2	85.1	321	EP	19 27 52.0	- 3.4		
TIY	90.3	310	EP	19 28 21.0	0.6		
XAN	91.2	306	PC	19 28 25.2	0.6		
HHC	92.3	313	EP	19 28 34.0	4.1		
KMI	92.4	295	EP	19 28 32.0	1.3		
1984 10 13							
			O=19 52 19.7		+/- 0.19 SEC		
			LAT=17.19 S		+/- 6.04 KM		
			LONG=174.78 W		+/- 8.22 KM		
			DEPTH=225 KM		+/- 2.11 KM		
			mb (NEIS)=5.4				
			STATIONS USED=39, STAND DEV=0.49 SEC				
MDJ	79.6	323	EP	20 04 04.0	- 0.3		
NJ2	80.2	307	PD	20 04 07.0	- 0.2		
GZH	80.8	297	PD	20 04 10.8	0.2		
DL2	81.5	315	PD	20 04 14.8	0.8		
CN2	81.6	320	PD	20 04 14.4	- 0.3		
			P <sub>m</sub> Z			4.0	0.4
			ES	20 14 01.0	- 6.0		
			S <sub>m</sub> N			5.0	0.5
SNY	81.7	318	IPR	20 04 15.0	- 0.1		
			ES	20 14 06.0	- 1.9		
WHN	83.0	304	EP	20 04 22.5	0.6		
TIA	83.4	310	P	20 04 23.3	- 0.4		
BJI	85.7	314	EP	20 04 35.0	- 0.5		
TIY	87.4	310	P	20 04 43.9	0.4		
			P <sub>m</sub> Z			1.1	0.05
GYA	87.7	298	P	20 04 45.0	- 0.1		
XAN	88.6	306	PD	20 04 49.1	- 0.1		
HHC	89.3	313	EP	20 04 53.0	0.6		
BTO	90.3	312	EP	20 04 57.0	0.0		
KMI	90.6	296	PD	20 04 59.0	0.3		
CD2	91.6	301	P	20 05 04.0	0.8		
LZH	93.2	306	EP	20 05 10.5	- 0.3		
			P <sub>m</sub> Z			1.5	0.05
GTA	97.3	308	P	20 05 28.2	- 0.9		
1984 10 13							
			O=20 49 06.1		+/- 0.16 SEC		



October

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
<b>LAT = 7.29 S +/- 1.02 KM</b> <b>LONG = 156.13 E +/- 1.42 KM</b> <b>DEPTH = 55 KM +/- 1.43 KM</b> <b>mb (NEIS) = 5.4</b> <b>STATIONS USED = 55, STAND DEV = 0.95 SEC</b>															
NJ2	52.9	319	PD	20 58 19.8	0.7						ES	03 25 16.0	- 4.2		
WHN	54.9	315	EP	20 58 35.0	0.7						LE		Ms=4.7	20.0	4.3
DL2	56.0	327	EP	20 58 42.5	0.4						PC	03 22 55.5	- 0.9		
TIA	56.7	322	P	20 58 45.5	- 1.4						P <sub>m</sub> Z			4.0	0.4
MDJ	56.9	337	EP	20 58 49.0	0.3						ES	03 26 24.0	- 6.4		
CN2	57.9	334	EP	20 58 55.0	- 0.8						LN		Ms=4.6	15.0	2.4
GYA	58.5	306	PC	20 59 00.6	0.6						EP	03 23 16.8	- 0.4		
BJI	59.8	325	EP	20 59 07.5	- 1.2						ES	03 27 05.0	- 5.4		
TIY	60.5	321	E(P)	20 59 13.0	- 0.7						LE		Ms=4.8	14.0	2.5
XAN	60.7	315	EP	20 59 13.5	- 1.4						P	03 23 44.0	1.3		
KMI	61.1	303	PC	20 59 18.0	0.1						S	03 27 55.5	- 1.6		
			XP	20 59 39.0	0.6						LN		Ms=4.3	12.0	0.7
HHC	63.0	323	EP	20 59 34.0	3.6						EP	03 24 14.0	0.4		
LZH	65.3	315	EP	20 59 45.5	0.0						ES	03 28 52.0	0.2		
WMQ	79.8	316	PC	21 01 11.5	0.4						S <sub>m</sub> N			7.0	0.4
<b>1984 10 13</b> <b>O = 22 50 03.5 +/- 0.14 SEC</b> <b>LAT = 29.45 N +/- 0.01 KM</b> <b>LONG = 130.83 E +/- 0.01 KM</b> <b>DEPTH = 33 KM +/- 0.01 KM</b> <b>Ms (CHINA) = 3.9/3, mb (NEIS) = 4.9</b> <b>STATIONS USED = 17, STAND DEV = 3.03 SEC</b>															
NJ2	10.6	287	EP	22 52 34.0	- 2.6						S <sub>m</sub> E			7.0	0.6
			LE			Ms=3.8	10.0	0.4			LN		Ms=4.6	13.0	1.2
CN2	15.0	344	PD	22 53 39.0	4.6						EP	03 24 22.5	- 1.7		
			LN			Ms=4.1	13.0	0.7			S	03 29 08.5	- 2.2		
BJI	16.0	315	EP	22 53 53.0	5.1						S <sub>m</sub> N			8.5	0.5
			LN			Ms=3.9	13.0	0.5			S <sub>m</sub> E			6.5	0.6
XAN	19.2	289	EP	22 54 23.9	- 3.5						SCS	03 35 05.8	- 2.9		
HHC	19.4	311	EP	22 54 30.2	0.5						LN		Ms=4.9	15.0	1.1
CD2	23.4	280	EP	22 55 10.0	- 0.9						LE			15.0	2.2
<b>1984 10 14</b> <b>O = 03 18 26.1 +/- 1.06 SEC</b> <b>LAT = 46.20 N +/- 2.16 KM</b> <b>LONG = 152.74 E +/- 1.51 KM</b> <b>DEPTH = 22 KM +/- 7.00 KM</b> <b>Ms (CHINA) = 4.8/23, Msz (NEIS) = 5.2, mb (NEIS) = 5.9</b> <b>STATIONS USED = 100, STAND DEV = 1.37 SEC</b>															
MDJ	16.3	272	EP	03 22 18.0	- 0.3						PC	03 24 37.3	2.3		
											S	03 29 28.0	- 2.0		
											S <sub>m</sub> E			8.0	0.7
											LN		Ms=4.8	17.0	1.9
											PD	03 24 40.0	0.4		
											S	03 29 32.0	- 6.0		
											LN		Ms=4.8	15.0	1.6
											P	03 24 47.0	0.5		
											S	03 29 45.5	- 5.0		
											LE		Ms=4.8	16.0	1.8
											EP	03 24 50.0	0.1		
											(S)	03 29 49.0	- 1.5		
											LN		Ms=4.7	15.0	0.7
											LE			15.0	1.2
											EP	03 25 10.0	0.2		
											SCS	03 35 30.0	- 4.0		
											LN		Ms=4.8	15.0	1.4
											EP	03 25 16.0	- 2.5		
											ES	03 30 40.5	- 7.2		
											LE		Ms=4.6	18.0	0.9
											P	03 25 24.7	0.5		
											S	03 30 50.4	- 7.6		



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			SCS	03 35 41.9	- 1.0						LN		Ms=4.9	18.0	2.3
			LN			16.0	1.4	WHN	33.6	26	EP	08 41 08.0	0.6		
			LE			16.0	1.1				LN		Ms=4.9	14.0	1.5
GTA	38.8	279	P	03 25 54.9	0.3			XAN	34.7	16	IPC	08 41 16.3	- 0.9		
			S	03 31 46.6	- 6.6						AP	08 41 22.3	- 2.7		
			SCP	03 31 50.3	- 3.2						ES	08 46 45.2	- 0.2		
			SCS	03 36 00.0	- 3.0						LN		Ms=4.8	13.0	0.9
			LE			16.0	1.4				LE			11.0	0.7
GZH	39.2	247	EP	03 26 02.0	4.2			LZH	35.6	8	PC	08 41 23.5	- 1.0		
CD2	40.6	265	EP	03 26 10.8	1.6						P <sub>m</sub> Z			1.5	0.07
			S	03 32 15.0	- 4.6			NJ2	37.0	30	PC	08 41 36.4	- 0.2		
			LE			22.0	1.4				LN		Ms=4.6	12.0	0.6
CYA	41.3	257	P	03 26 15.6	0.0			GTA	38.5	2	IPC	08 41 43.5	- 5.2		
WMQ	44.9	291	PD	03 26 43.5	- 0.9						LE		Ms=3.5	13.5	0.5
			PCP	03 28 26.2	0.5			TIY	39.6	18	P	08 41 54.8	- 0.1		
			SCP	03 32 15.0	- 2.7						LN		Ms=4.9	11.0	0.8
			PCS	03 32 19.0	0.9						LE			12.0	0.8
			S	03 33 20.0	- 2.9			TIA	39.6	25	EP	08 41 57.5	- 0.9		
			S <sub>m</sub> E			2.0	0.02				LN		Ms=5.1	16.0	1.9
			LN			13.0	2.7				LE			14.0	0.9
KMI	44.9	259	PC	03 26 45.0	0.4			BTO	41.2	14	EP	08 42 09.0	- 2.4		
			S	03 33 19.0	- 4.2			HHC	41.8	16	P	08 42 18.0	1.4		
			S <sub>m</sub> N			5.0	0.6	BJI	42.6	21	EP	08 42 23.0	0.4		
			SCS	03 36 37.5	- 2.2			WMQ	43.7	349	IPC	08 42 32.0	0.2		
			LE			18.0	1.1	DL2	43.9	27	P	08 42 34.0	0.9		
LSA	50.0	273	EP	03 27 26.0	0.8			SNY	47.1	26	EP	08 42 58.0	- 0.8		
			ES	03 34 33.5	- 3.2						ES	08 49 49.0	- 0.1		
			S <sub>m</sub> E			4.0	0.4				LN		Ms=5.0	17.0	0.7
KSH	54.7	292	EP	03 27 59.0	- 0.4						LE			15.0	1.0
			ES	03 35 33.0	- 4.1			CN2	49.5	26	IPC	08 43 16.4	- 1.1		
											P <sub>m</sub> Z			3.0	0.3
											AP	08 43 26.5	1.0		
											(S)	08 50 21.0	- 1.9		
											LN		Ms=4.9	15.0	1.0
								MDJ	52.1	28	EP	08 43 36.5	- 0.4		
1984 10 14															
O = 08 34 26.4 +/- 0.13 SEC															
LAT = 0.82 N +/- 2.93 KM															
LONG = 97.49 E +/- 2.80 KM															
DEPTH = 25 KM +/- 0.67 KM															
Ms (CHINA) = 4.9/13, Ms z (NEIS) = 4.4, mb (NEIS) = 5.0															
STATIONS USED = 73, STAND DEV = 2.05 SEC															
QZH	21.8	33	P	08 39 19.0	0.4										
KMI	24.7	11	PC	08 39 48.5	1.1										
			P <sub>m</sub> Z			2.0	0.4								
			LN			13.0	2.0								
GYA	27.0	18	P	08 40 08.0	- 0.7										
LSA	29.3	348	IPC	08 40 30.5	0.1										
CD2	30.5	10	P	08 40 39.3	- 1.0										
			S	08 45 40.0	0.5										
1984 10 14															
O = 12 49 48.4 +/- 0.13 SEC															
LAT = 1.29 S +/- 1.45 KM															
LONG = 126.99 E +/- 2.68 KM															
DEPTH = 43 KM +/- 1.33 KM															
mb (NEIS) = 4.6															
STATIONS USED = 10, STAND DEV = 0.96 SEC															
XAN	39.0	335	EP	12 57 11.5	- 1.6										
GTA	47.6	331	EP	12 58 22.5	0.2										
WMQ	57.0	326	P	12 59 33.2	0.3										



October

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 10 14								LAT=9.69 S +/- 1.90 KM							
O=23 14 41.6 +/- 0.31 SEC								LOND=114.22 E +/- 2.22 KM							
LAT=1.00 S +/- 2.75 KM								DEPTH=90 KM +/- 2.34 KM							
LONG=127.29 E +/- 3.97 KM								mb (NEIS) = 4.8							
DEPTH=87 KM +/- 2.87 KM								STATIONS USED=24, STAND DEV=1.12 SEC							
mb (NEIS) = 4.6								CD2 41.6 346 P 05 35 09.0 - 0.1							
STATIONS USED=12, STAND DEV=1.69 SEC								P <sub>m</sub> Z 0.8 0.1							
CD2	38.8	326	EP	23 21 52.6	- 4.6			XAN	43.8	353	P	05 35 27.3	0.4		
XAN	38.9	335	EP	23 21 57.4	- 0.4			TIA	45.7	3	EP	05 35 41.6	- 0.9		
BJI	42.1	347	(P)	23 22 25.0	1.0			LZH	46.6	348	PC	05 35 50.0	0.8		
GTA	47.4	330	P	23 23 09.4	2.4			P <sub>m</sub> Z 1.0 0.06							
WMQ	56.9	326	P	23 24 19.0	1.4			GTA	50.7	345	P	05 36 21.4	0.6		
1984 10 15								MDJ 55.8 13 EP 05 36 56.2 - 2.6							
O=00 00 26.1 +/- 0.06 SEC								WMQ 58.5 337 EP 05 37 16.5 - 1.0							
LAT=10.22 N +/- 1.04 KM								1984 10 15							
LONG=126.16 E +/- 1.93 KM								O=05 44 33.1 +/- 0.07 SEC							
DEPTH=25 KM +/- 0.32 KM								LAT=52.37 N +/- 2.92 KM							
mb (NEIS) = 5.0								LONG=168.76 W +/- 1.45 KM							
STATIONS USED=22, STAND DEV=0.94 SEC								DEPTH=31 KM +/- 0.62 KM							
NJ2	22.8	343	EP	00 05 29.5	1.6			MsZ (NEIS) = 4.4, mb (NEIS) = 5.0							
WHN	23.0	333	EP	00 05 32.0	1.5			STATIONS USED=59, STAND DEV=1.32 SEC							
XAN	28.5	328	EP	00 06 21.2	- 0.7			MDJ	40.5	284	EP	05 52 10.5	- 0.5		
CD2	29.3	317	EP	00 06 28.6	- 0.3			CN2	43.4	285	PC	05 52 34.0	- 0.9		
GTA	37.4	325	P	00 07 39.0	- 0.1			SNY	45.7	284	EP	05 52 53.8	0.6		
WMQ	47.2	322	EP	00 09 00.0	0.8			BJI	51.1	287	EP	05 53 36.5	0.8		
1984 10 15								TIA 53.1 283 P 05 53 50.9 0.4							
O=00 32 35.5 +/- 0.35 SEC								TIY 54.9 287 EP 05 54 04.5 1.0							
LAT=2.99 N +/- 4.26 KM								NJ2 54.9 278 PD 05 54 04.0 0.2							
LONG=128.66 E +/- 3.85 KM								WHN 58.7 280 EP 05 54 31.0 0.2							
DEPTH=67 KM +/- 3.46 KM								XAN 59.5 287 PD 05 54 36.3 0.2							
mb (NEIS) = 4.7								GTA 60.8 297 P 05 54 44.7 - 0.8							
STATIONS USED=18, STAND DEV=0.86 SEC								LZH 60.9 292 EP 05 54 47.0 0.7							
WHN	30.6	335	EP	00 38 46.0	0.7			P <sub>m</sub> Z 1.5 0.07							
XAN	36.0	331	PC	00 39 31.2	- 0.9			WMQ	63.8	308	P	05 55 05.4	- 0.1		
CD2	36.4	322	EP	00 39 36.5	0.8			CD2	64.7	288	EP	05 55 12.2	0.9		
TIY	37.6	338	EP	00 39 45.8	- 0.3			GYA	66.3	282	P	05 55 21.8	0.3		
BJI	38.6	344	EP	00 39 53.5	- 0.4			KSH	72.7	312	EP	05 56 00.0	- 0.8		
LZH	40.1	328	EP	00 40 07.5	0.5			1984 10 15							
P <sub>m</sub> Z 1.5 0.07								O=10 21 01.7 +/- 0.09 SEC							
GTA	44.7	327	EP	00 40 45.5	1.0			LAT=14.95 S +/- 6.66 KM							
WMQ	54.4	324	P	00 42 00.0	1.2			LONG=173.62 W +/- 9.57 KM							
1984 10 15								DEPTH=125 KM +/- 4.66 KM							
O=05 27 28.1 +/- 0.27 SEC								mb (NEIS) = 6.5							
								STATIONS USED=54, STAND DEV=0.73 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
QZH	77.0	300	IPU	10 32 50.0	- 1.4						LN			13.0	2.7
			P <sub>m</sub> N			7.0	2.6				LE			13.0	3.6
			P <sub>m</sub> E			7.0	6.1	QZN	82.5	291	IPU	10 33 20.5	- 0.4		
			P <sub>m</sub> Z			7.0	16.9				P <sub>m</sub> Z			7.0	15.5
			IS	10 42 33.0	- 1.9						PP	10 36 37.0		5.7	
			S <sub>m</sub> N			12.5	15.4				SKS	10 43 28.5	- 2.9		
			S <sub>m</sub> E			11.0	6.9				S	10 43 31.0	- 1.7		
			LN			19.0	11.4				S <sub>m</sub> N			12.0	10.4
MDJ	78.5	322	IPU	10 33 01.0	1.3						S <sub>m</sub> E			10.0	8.3
			P <sub>m</sub> Z			6.0	16.3				SS	10 48 47.0	- 9.2		
			SKS	10 42 55.0	- 8.1						LN			23.0	19.4
			LN			26.0	58.3				LE			23.0	12.4
NJ2	79.7	307	IPU	10 33 06.0	- 0.1			WHN	82.7	304	EP	10 33 21.0	- 0.5		
			P <sub>m</sub> Z			7.0	12.5				P <sub>m</sub> Z			6.0	8.8
			PCP	10 33 13.4	0.7						SKS	10 43 34.0	1.7		
			PP	10 36 11.0	3.3						LN			20.0	19.7
			PP <sub>m</sub> Z			8.0	4.9	TIA	82.8	310	EP	10 33 22.0	0.0		
			S	10 42 57.0	- 6.6						P <sub>m</sub> N			6.0	2.7
			S <sub>m</sub> N			11.0	11.9				P <sub>m</sub> E			6.0	5.6
CN2	80.6	320	IPU	10 33 10.0	- 0.8						P <sub>m</sub> Z			6.0	14.5
			P <sub>m</sub> Z			6.0	13.5				PP	10 36 29.5	- 3.5		
			EPP	10 36 15.0	- 0.6						S	10 43 25.7	- 9.2		
			PP <sub>m</sub> Z			7.0	5.4				S <sub>m</sub> N			14.5	20.4
			S	10 43 07.0	- 5.8						S <sub>m</sub> E			12.5	19.2
			S <sub>m</sub> N			11.0	28.0				SS	10 48 54.0	- 5.4		
DL2	80.7	314	IPU	10 33 12.0	0.6			BJI	85.0	313	EP	10 33 33.0	- 0.3		
			P <sub>m</sub> N			7.0	6.1				ESKS	10 43 47.0	- 1.1		
			P <sub>m</sub> E			6.0	3.0				ES	10 44 00.0	2.8		
			P <sub>m</sub> Z			7.0	14.6				S <sub>m</sub> N			11.0	30.5
			S	10 43 07.0	- 6.9						LN			13.0	9.2
			S <sub>m</sub> N			11.0	25.7				LE			14.0	7.6
			S <sub>m</sub> E			8.0	7.7	TIY	86.8	310	IPC	10 33 42.9	0.7		
			LN			19.0	25.2				P <sub>m</sub> Z			7.0	14.3
			LE			17.0	6.7				PP	10 37 04.0	- 2.1		
SNY	80.8	317	IPU	10 33 12.0	0.2						PP <sub>m</sub> Z			8.0	5.8
			P <sub>m</sub> Z			6.0	13.5				LN			16.0	14.8
			IS	10 43 09.0	- 5.8						PU	10 33 46.0	- 0.4		
			S <sub>m</sub> N			11.0	21.1				P <sub>m</sub> Z			7.0	16.2
			S <sub>m</sub> E			12.5	14.3	XAN	88.2	305	IPU	10 33 48.8	- 0.1		
GZH	80.8	296	IPU	10 33 12.0	0.1						P <sub>m</sub> Z			7.0	10.9
			P <sub>m</sub> Z			6.0	19.4				PP	10 37 13.5	- 3.9		
			PP	10 36 16.0	- 1.4						PP <sub>m</sub> Z			9.0	6.6
			SKS	10 43 13.0	- 6.3						SKS	10 44 06.5	- 2.4		
			S	10 43 21.0	6.1						LN			22.0	24.4
			S <sub>m</sub> N			10.0	6.2				LE			18.0	7.5
			S <sub>m</sub> E			10.0	10.0	HC	88.6	312	PU	10 33 51.0	0.2		



October

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	10 37 29.2	8.8						S <sub>m</sub> E				0.5 0.8
			SKS	10 44 04.0	- 7.2			TIA	2.3	155	PN	15 48 44.9	- 1.4		
			S	10 44 22.0	- 9.4						PG	15 48 50.0	1.7		
			S <sub>m</sub> N			10.0	26.3				SG	15 49 17.9	0.0		
BTO	89.6	312	IPU	10 33 56.0	0.5						S <sub>m</sub> N	ML=3.2		0.3	0.1
			P <sub>m</sub> N			6.0	2.2				S <sub>m</sub> E			0.4	0.2
			P <sub>m</sub> E			6.0	3.2	TIY	2.8	259	PGC	15 48 58.4	- 0.5		
			P <sub>m</sub> Z			6.0	10.3				SG	15 49 35.3	- 0.8		
			S	10 44 32.0	- 8.7						S <sub>m</sub> N	ML=3.0		0.6	0.05
			S <sub>m</sub> N			10.0	34.7				S <sub>m</sub> E			0.7	0.08
			S <sub>m</sub> E			7.0	6.7	XAN	7.1	235	EPG	15 50 17.7	1.3		
KMI	90.6	295	IPU	10 34 01.0	0.4						SG	15 51 50.7	1.5		
			P <sub>m</sub> Z			6.0	11.1								
			ISK	10 44 18.0	- 5.7										
			S	10 44 42.0	- 8.5										
			LE			20.0	12.7								
CD2	91.4	301	IPU	10 34 04.0	0.0										
			P <sub>m</sub> Z			7.0	8.8								
			SKS	10 44 27.0	- 1.1										
			S	10 44 48.0	- 8.8										
			LE			38.0	37.7								
LZH	92.8	306	IPU	10 34 10.5	0.0										
			P <sub>m</sub> Z			8.0	6.2								
			PP	10 37 51.0	- 3.1										
			SKS	10 44 31.0	- 5.0										
			S	10 45 11.0	1.7										
			S <sub>m</sub> N			12.5	9.6								
GTA	96.7	308	IPU	10 34 28.3	- 0.1										
			P <sub>m</sub> Z			7.0	2.3								
			SKS	10 44 48.0	- 9.2										
			S <sub>m</sub> E			11.0	7.4								
			LE			17.0	10.2								
LSA	101.7	297	PC	10 34 51.0	- 0.3										
			LN			22.5	12.4								
			LE			13.0	8.3								
1984 10 15															
O=15 48 07.1 +/- 0.05 SEC															
LAT=38.25 N +/- 0.46 KM															
LONG=115.96 E +/- 0.15 KM															
DEPTH=0 KM															
ML(CHINA)=3.2/7															
STATIONS USED=9, STAND DEV=3.58 SEC															
BJI	1.8	5	PN	15 48 37.8	- 1.4										
			SG	15 48 59.8	- 2.7										
			S <sub>m</sub> N	ML=3.7		0.5	0.6								
1984 10 15															
O=18 38 32.1 +/- 0.22 SEC															
LAT=12.60 N +/- 1.25 KM															
LONG=143.09 E +/- 2.75 KM															
DEPTH=53 KM +/- 3.26 KM															
mb(NEIS)=4.8															
STATIONS USED=26, STAND DEV=1.14 SEC															
			TIA	33.1	319	EP	18 45 05.8	- 0.2							
			BJI	36.2	323	EP	18 45 32.0	0.1							
			TIY	37.1	317	PC	18 45 41.6	2.2							
			XAN	37.7	310	EP	18 45 44.1	- 0.4							
			BTO	40.2	319	EP	18 46 06.6	0.7							
			CD2	40.6	303	P	18 46 08.9	0.4							
			LZH	42.3	310	EP	18 46 23.0	0.0							
			GTA	46.6	312	P	18 46 57.2	0.1							
			WMQ	56.6	314	EP	18 48 13.0	0.6							
1984 10 15															
O=18 39 36.9 +/- 0.10 SEC															
LAT=18.78 S +/- 0.99 KM															
LONG=176.30 E +/- 0.51 KM															
DEPTH=14 KM +/- 0.52 KM															
mb(NEIS)=4.5															
STATIONS USED=17, STAND DEV=0.69 SEC															
			NJ2	74.7	312	EP	18 51 18.6	- 0.1							
			CN2	77.7	324	PC	18 51 35.0	- 0.9							
			TIA	78.2	314	EP	18 51 38.3	- 0.2							
			XAN	82.9	309	EP	18 52 02.6	- 0.7							
			CD2	85.4	304	EP	18 52 17.4	1.5							
			LZH	87.5	309	PD	18 52 27.5	1.0							
			GTA	91.8	311	P	18 52 46.5	- 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
<b>O=21 05 06.4 +/- 0.30 SEC</b> <b>LAT=14.87 N +/- 2.84 KM</b> <b>LONG=120.01 E +/- 3.12 KM</b> <b>DEPTH=56 KM +/- 2.78 KM</b> <b>mb(NEIS)=4.8</b> <b>STATIONS USED=24, STAND DEV=3.33 SEC</b>															
GZH	10.3	323	E(P)	21 07 29.8	- 4.7			TIA	3.6	198	EPG	23 20 51.8	- 1.7		
QZN	10.6	294	EP	21 07 35.6	- 2.3						SG	23 21 46.2	5.1		
			S	21 09 30.8	- 5.1						S <sub>m</sub> N		ML=2.8	0.8	0.02
XAN	21.6	334	EP	21 09 53.3	0.1						S <sub>m</sub> E			0.8	0.03
CD2	21.8	319	P	21 09 58.4	2.3			SNY	4.4	59	EPG	23 21 02.9	- 4.1		
LZH	25.6	328	EP	21 10 32.5	- 0.1						SN	23 21 37.8	- 9.6		
CN2	29.2	8	EP	21 11 04.0	- 1.2						SG	23 21 59.6	- 4.8		
<b>1984 10 15</b> <b>O=23 02 39.6 +/- 0.11 SEC</b> <b>LAT=12.25 N +/- 0.81 KM</b> <b>LONG=124.56 E +/- 1.21 KM</b> <b>DEPTH=108 KM +/- 0.96 KM</b> <b>mb(NEIS)=4.8</b> <b>STATIONS USED=26, STAND DEV=0.66 SEC</b>															
NJ2	20.4	345	PC	23 07 10.4	0.3						S <sub>m</sub> N		ML=3.5	0.8	0.1
WHN	20.5	334	EP	23 07 11.5	0.2						S <sub>m</sub> E			0.8	0.05
KMI	24.3	304	PD	23 07 49.5	1.2			TIY	5.2	249	EPG	23 21 20.2	- 1.2		
TIA	24.8	345	EP	23 07 52.4	- 0.7						SG	23 22 24.6	- 4.5		
XAN	26.0	329	IPD	23 08 03.2	- 0.9						S <sub>m</sub> N		ML=3.2	0.9	0.02
CD2	26.7	317	EP	23 08 10.8	- 0.4						S <sub>m</sub> E			1.2	0.03
TIY	27.6	338	EP	23 08 18.4	- 0.6			HHC	5.5	284	EPG	23 21 24.2	- 2.7		
LZH	30.2	325	EP	23 08 41.5	- 1.1						SG	23 22 39.0	0.5		
HHC	30.7	340	PC	23 08 46.2	- 0.6						S <sub>m</sub> E		ML=3.1	1.0	0.02
WMQ	44.6	321	P	23 10 44.0	0.4			<b>1984 10 16</b> <b>O = 10 54 41.4 +/- 0.32 SEC</b> <b>LAT=6.05 S +/- 2.13 KM</b> <b>LONG=147.08 E +/- 2.49 KM</b> <b>DEPTH=47 KM +/- 3.38 KM</b> <b>Ms(CHINA)=4.5/2, Msz(NEIS)=5.1, mb(NEIS)=5.2</b> <b>STATIONS USED=75, STAND DEV=2.10 SEC</b>							
<b>1984 10 15</b> <b>O=23 19 47.1 +/- 0.01 SEC</b> <b>LAT=39.67 N +/- 0.03 KM</b> <b>LONG=118.55 E +/- 0.02 KM</b> <b>DEPTH=10 KM</b> <b>ML(CHINA)=3.3/9</b> <b>STATIONS USED=11, STAND DEV=2.05 SEC</b>															
BJI	1.9	282	PG	23 20 19.5	- 1.6			GZH	43.9	312	EP	11 02 41.5	- 4.0		
			SG	23 20 46.0	0.4			QZH	44.4	305	EP	11 02 49.1	- 0.2		
			S <sub>m</sub> N		ML=3.3	0.5	0.3	NJ2	46.5	326	IPC	11 03 06.8	0.7		
			S <sub>m</sub> E			0.5	0.3				S	11 09 50.0	- 0.4		
DL2	2.5	106	EPN	23 20 28.8	0.0			WHN	48.0	321	EP	11 03 19.0	0.6		
			EPG	23 20 32.9	0.0			TIA	50.6	328	EP	11 03 36.8	- 1.1		
			SG	23 21 04.0	- 1.8			MDJ	52.8	344	EP	11 03 53.5	- 1.5		
								<b>LE Ms=4.6 14.0 0.4</b>							
								XAN	53.8	320	PC	11 04 01.0	- 1.0		
								TIY	54.2	326	EP	11 04 03.6	- 1.5		
								CD2	55.4	314	EP	11 04 12.8	- 0.8		
								BTO	57.6	327	EP	11 04 28.0	- 1.4		
								LZH	58.3	319	EP	11 04 34.5	- 0.1		
											P <sub>m</sub> Z			2.0	0.06
								GTA	62.8	320	P	11 05 05.0	- 0.5		
								LSA	64.3	306	EP	11 05 15.2	- 0.4		
								WMQ	72.9	319	P	11 06 07.0	- 1.2		







STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			(S)	09 22 24.0	8.8			CN2	43.8	286	EP	14 01 49.4	- 1.2		
			LN			8.0	0.4	XAN	59.9	287	EP	14 03 49.8	- 1.4		
			LE			8.0	0.2	GTA	61.2	297	P	14 03 59.2	- 1.1		
WHN	35.4	251	EP	09 17 51.5	1.3			WMQ	64.2	308	P	14 04 20.0	0.2		
			PCP	09 20 17.0	2.1			CD2	65.2	288	EP	14 04 27.2	1.0		
XAN	36.4	261	EP	09 17 57.8	- 1.2			<b>1984 10 17</b> <b>O=20 55 01.2 +/- 0.16 SEC</b> <b>LAT=4.21 S +/- 2.16 KM</b> <b>LONG=152.37 E +/- 3.20 KM</b> <b>DEPTH=33 KM +/- 0.55 KM</b> <b>mb(NEIS)=4.8</b> <b>STATIONS USED=35, STAND DEV=2.47 SEC</b>							
			P <sub>m</sub> Z			1.5	0.07								
			PCP	09 20 20.0	2.1										
LZH	38.4	268	PD	09 18 16.0	0.5										
			P <sub>m</sub> Z			2.0	0.3								
GTA	39.1	275	P	09 18 21.2	0.4										
			AP	09 19 09.1	3.4										
			PP	09 20 01.7	4.3										
			SCP	09 23 55.0	2.8										
			SCS	09 28 06.9	3.7										
			LE			8.0	0.3								
GZH	41.6	244	EP	09 18 42.2	1.2			WHN	50.1	316	EP	21 03 57.5	1.6		
CD2	41.8	261	P	09 18 43.4	0.4			TIA	52.0	323	EP	21 04 10.6	0.6		
GYA	43.1	254	PR	09 18 53.0	- 0.4			MDJ	52.7	339	EP	21 04 16.5	1.0		
			S	09 25 03.0	0.3			CN2	53.6	335	PC	21 04 22.2	0.3		
WMQ	44.2	288	PD	09 19 03.0	0.1			GYA	53.7	307	P	21 04 25.4	2.5		
			P <sub>m</sub> Z			1.5	0.06	XAN	55.9	316	EP	21 04 36.7	- 2.1		
			AP	09 19 49.5	0.9			CD2	58.0	310	EP	21 04 52.5	- 1.5		
			PP	09 20 44.5	- 4.7			BTO	59.1	323	EP	21 05 01.0	- 0.3		
			PCS	09 24 37.0	2.2			LZH	60.5	315	EP	21 05 10.5	- 0.8		
			ES	09 25 23.0	3.2						P <sub>m</sub> Z			1.5	0.07
KMI	46.5	256	PC	09 19 20.0	- 0.4			GTA	64.9	317	EP	21 05 39.7	- 0.9		
			P <sub>m</sub> Z			2.0	4.9	WMQ	75.0	317	P	21 06 42.0	- 0.1		
			AP	09 20 04.0	- 2.4			<b>1984 10 17</b> <b>O=23 25 23.6 +/- 0.20 SEC</b> <b>LAT=45.64 N +/- 5.10 KM</b> <b>LONG=153.51 E +/- 2.72 KM</b> <b>DEPTH=61 KM +/- 0.64 KM</b> <b>mb(NEIS)=4.7</b> <b>STATIONS USED=34, STAND DEV=1.91 SEC</b>							
			PP	09 21 13.0	1.5										
			ES	09 25 48.0	- 3.5										
QZN	46.7	244	P	09 19 24.9	2.5			MDJ	16.9	275	PC	23 29 17.3	- 0.5		
LSA	50.7	270	EP	09 19 53.5	0.5			CN2	20.0	274	EP	23 29 49.8	- 4.2		
			ES	09 26 54.0	3.3						LN			13.0	0.4
			S <sub>m</sub> E			7.0	0.2								
KSH	53.9	290	EP	09 20 17.0	0.5			SNY	21.9	270	PD	23 30 13.1	- 0.3		
			AP	09 21 06.0	2.0			BJI	27.8	271	EP	23 31 11.5	2.4		
			XP	09 21 26.0	- 1.8			HHC	30.7	276	EP	23 31 35.6	0.4		
<b>1984 10 17</b> <b>O=13 53 45.4 +/- 0.64 SEC</b> <b>LAT=52.41 N +/- 3.30 KM</b> <b>LONG=167.95 W +/- 1.70 KM</b> <b>DEPTH=33 KM +/- 4.07 KM</b> <b>mb(NEIS)=4.9</b> <b>STATIONS USED=22, STAND DEV=1.32 SEC</b>															
								XAN	35.7	267	EP	23 32 18.6	- 0.2		
								LZH	38.2	273	EP	23 32 41.0	1.1		
								GTA	39.4	280	P	23 32 51.0	1.0		
											S	23 38 50.4	2.8		
								CD2	41.1	266	EP	23 33 06.6	3.1		



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
WMQ	45.6	292	EP	23 33 44.0	3.8			LSA	40.8	89	EP	09 54 03.5	0.9		
<p>1984 10 18</p> <p>O=05 19 55.9 +/- 0.09 SEC</p> <p>LAT=63.25 N +/- 1.08 KM</p> <p>LONG=151.13 W +/- 0.78 KM</p> <p>DEPTH=140 KM +/- 0.98 KM</p> <p>mb(NEIS)=4.7</p> <p>STATIONS USED=38, STAND DEV=0.91 SEC</p>								<p>ES 10 00 04.0 - 5.1</p> <p>LN 17.0 0.8</p> <p>GTA 43.3 72 P 09 54 23.0 0.8</p> <p>LE 10.0 0.7</p> <p>LZH 47.5 74 PC 09 54 56.5 0.5</p> <p>P<sub>m</sub>Z 2.0 0.2</p> <p>LE 12.0 0.6</p> <p>CD2 49.8 80 EP 09 55 13.5 0.0</p> <p>KMI 52.0 87 PU 09 55 30.0 - 0.4</p> <p>P<sub>m</sub>Z 5.0 0.5</p> <p>ES 10 02 50.5 2.8</p> <p>XAN 52.2 74 P 09 55 31.0 - 0.3</p> <p>LN 15.0 0.9</p> <p>LE 15.0 0.9</p> <p>TIY 53.0 68 PC 09 55 37.5 - 0.3</p> <p>P<sub>m</sub>Z 5.0 0.6</p> <p>XP 09 56 04.0 0.6</p> <p>(S) 10 03 03.5 2.4</p> <p>S<sub>m</sub>N 8.0 0.4</p> <p>LN 12.0 0.9</p> <p>LE 12.0 0.7</p> <p>GYA 54.3 84 P 09 55 46.0 - 1.0</p> <p>S 10 03 25.0 6.9</p> <p>TIA 57.0 68 EP 09 56 07.1 0.2</p> <p>LN 16.0 1.5</p> <p>WHN 57.9 75 PU 09 56 13.0 0.3</p> <p>ES 10 04 09.0 3.4</p> <p>LE 16.0 1.3</p> <p>SNY 58.8 59 PU 09 56 17.0 - 1.8</p> <p>ES 10 04 16.0 - 1.2</p> <p>LN 24.0 3.5</p> <p>LE 24.0 2.5</p> <p>DL2 58.9 63 EP 09 56 19.0 - 0.5</p> <p>CN2 59.0 56 PU 09 56 19.0 - 1.8</p> <p>ES 10 04 21.0 0.2</p> <p>ESS 10 08 24.0 7.8</p> <p>LN 13.0 1.8</p> <p>NJ2 60.4 71 IPU 09 56 29.0 - 1.0</p> <p>ES 10 04 40.0 2.0</p> <p>LN 14.0 0.7</p> <p>QZN 60.9 89 EP 09 56 32.8 - 0.6</p> <p>ESCP 10 01 10.0 1.1</p> <p>ES 10 04 48.0 3.4</p> <p>GZH 61.2 83 EP 09 56 36.0 0.5</p> <p>MDJ 61.2 54 EP 09 56 31.0 - 4.9</p>							
<p>1984 10 18</p> <p>O=08 31 44.4 +/- 0.03 SEC</p> <p>LAT=10.04 S +/- 0.36 KM</p> <p>LONG=118.91 E +/- 1.15 KM</p> <p>DEPTH=34 KM +/- 0.11 KM</p> <p>Msz(NEIS)=3.5, mb(NEIS)=4.6</p> <p>STATIONS USED=11, STAND DEV=0.51 SEC</p>								<p>LE 9.0 3.1</p> <p>WMQ 33.4 69 PC 09 52 58.7 - 0.5</p> <p>ES 09 58 22.0 7.7</p> <p>LN 9.0 2.3</p>							
<p>1984 10 18</p> <p>O=09 46 25.2 +/- 0.35 SEC</p> <p>LAT=40.67 N +/- 2.24 KM</p> <p>LONG=42.41 E +/- 1.15 KM</p> <p>DEPTH=71 KM +/- 3.79 KM</p> <p>mb(NEIS)=5.3</p> <p>STATIONS USED=83, STAND DEV=1.17 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
QZH	64.1	78	EP	09 56 56.0	1.4			SNY	85.2	325	E(P)	15 43 04.2	5.4		
			ES	10 05 34.0	9.4						LN		Ms=5.2	25.0	0.8
			LE			14.0	0.5				LE			23.0	0.9
<b>1984 10 18</b> <b>O=10 16 20.9 +/- 0.08 SEC</b> <b>LAT=43.50 S +/- 1.43 KM</b> <b>LONG=91.94 E +/- 1.36 KM</b> <b>DEPTH=11 KM +/- 0.15 KM</b> <b>Ms(CHINA)=5.0/1, mb(NEIS)=4.9</b> <b>STATIONS USED=21, STAND DEV=0.94 SEC</b>								<b>1984 10 18</b> <b>O=19 47 29.7 +/- 0.06 SEC</b> <b>LAT=24.01 N +/- 0.54 KM</b> <b>LONG=94.57 E +/- 0.54 KM</b> <b>DEPTH=94 KM +/- 1.25 KM</b> <b>mb(NEIS)=4.4</b> <b>STATIONS USED=7, STAND DEV=0.58 SEC</b>							
KMI	69.0	10	EP	10 27 30.0	0.6			LSA	6.4	332	P	19 49 04.2	0.2		
			LN		Ms=5.0	16.0	0.8				S	19 50 14.2	- 2.9		
GYA	70.9	13	P	10 27 41.6	0.6			KMI	7.5	79	PC	19 49 19.5	0.7		
CD2	74.8	10	EP	10 28 04.4	0.3			XAN	16.0	48	EP	19 51 10.2	- 0.9		
WHN	78.5	19	EP	10 28 14.0	0.6			<b>1984 10 18</b> <b>O=21 42 39.4 +/- 0.16 SEC</b> <b>LAT=28.08 N +/- 0.90 KM</b> <b>LONG=139.38 E +/- 1.11 KM</b> <b>DEPTH=533 KM +/- 2.04 KM</b> <b>mb(NEIS)=4.9</b> <b>STATIONS USED=75, STAND DEV=0.79 SEC</b>							
XAN	78.7	14	EP	10 28 26.0	0.2			NJ2	18.2	287	IPD	21 46 20.2	- 0.1		
GTA	82.8	6	EP	10 28 47.7	- 0.1						S	21 49 24.0	5.7		
BJI	86.0	18	EP	10 29 02.5	- 1.0						S <sub>m</sub> N			6.0	1.3
WMQ	87.0	356	P	10 29 10.0	1.4						S <sub>m</sub> E			7.0	1.8
<b>1984 10 18</b> <b>O=12 55 45.7 +/- 1.04 SEC</b> <b>LAT=35.54 N +/- 2.73 KM</b> <b>LONG=140.73 E +/- 7.95 KM</b> <b>DEPTH=44 KM +/- 4.49 KM</b> <b>mb(NEIS)=5.0</b> <b>STATIONS USED=18, STAND DEV=1.28 SEC</b>								<b>MDJ</b> 18.3 337 EP 21 46 22.0 1.1 S 21 49 22.5 3.0 S <sub>m</sub> E 10.0 1.5 <b>SNY</b> 18.8 320 EP 21 46 27.3 1.1 XP 21 48 34.0 - 3.6 ES 21 49 32.0 3.0 S <sub>m</sub> N 4.0 2.5 <b>QZH</b> 18.9 265 EP 21 46 27.0 0.4 S 21 49 30.0 0.3 S <sub>m</sub> N 6.0 0.6 S <sub>m</sub> E 7.0 1.9 <b>CN2</b> 19.3 328 PD 21 46 30.6 0.0 XP 21 48 45.0 1.5 S 21 49 38.0 1.3 S <sub>m</sub> N 6.0 0.8							
WHN	22.6	264	EP	13 00 38.5	- 1.2			<b>1984 10 18</b> <b>O=15 30 21.5 +/- 0.16 SEC</b> <b>LAT=42.37 N +/- 1.92 KM</b> <b>LONG=105.63 W +/- 3.88 KM</b> <b>DEPTH=19 KM +/- 0.62 KM</b> <b>Ms(CHINA)=5.1/2, Msz(NEIS)=5.1, mb(NEIS)=5.4</b> <b>STATIONS USED=19 STAND DEV=2.59 SEC</b>							
XAN	26.1	276	EP	13 01 14.8	1.8										
GYA	30.4	262	EP	13 01 52.0	- 0.1										
CD2	31.2	272	EP	13 01 57.5	- 0.7										
GTA	32.5	289	EP	13 02 11.0	0.9										
WMQ	41.0	298	P	13 03 23.0	1.1										
CN2	82.8	325	P	15 42 44.4	- 2.2										
			ES	15 53 00.0	- 3.1										
			LN		Ms=5.0	13.0	0.4								



October

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	20.5	298	S <sub>m</sub> E			6.0	0.6	1984 10 19								
			P	21 46 41.6	- 0.2			O=03 26 37.7			+/-	0.21 SEC				
			XP	21 49 00.0	1.2			LAT=5.60 S			+/-	1.68 KM				
			S	21 50 00.0	3.1			LONG=149.48 E			+/-	2.57 KM				
			S <sub>m</sub> N			4.5	0.7	DEPTH=158 KM			+/-	2.34 KM				
			S <sub>m</sub> E			7.5	1.5	mb(NEIS)=5.2								
WHN	22.0	282	IPD	21 46 56.0	0.6			STATIONS USED=55, STAND DEV=1.97 SEC								
GZH	24.0	263	IPC	21 47 14.0	0.3			NJ2	47.5	324	PD	03 44 59.2	0.4			
HHC	26.1	306	P	21 47 32.0	- 0.7			WHN	49.2	319	PC	03 45 13.5	1.2			
XAN	26.7	290	PD	21 47 36.8	- 1.0			TIA	51.5	326	P	03 45 29.0	- 0.4			
			PCP	21 50 44.5	0.8			GYA	52.3	309	P	03 45 39.6	3.8			
			ES	21 51 32.0	- 4.7			MDJ	53.1	342	PD	03 45 41.5	0.0			
			PCS	21 54 17.0	- 6.1			CN2	53.7	338	PC	03 45 45.8	- 0.5			
			SCS	21 57 19.0	- 4.8			KMI	54.7	306	PC	03 45 55.0	1.3			
QZN	28.5	258	PC	21 47 54.4	1.1			BJI	54.8	328	EP	03 45 53.5	- 0.4			
LZH	31.0	293	PD	21 48 15.0	- 0.3			XAN	55.0	318	EP	03 45 50.6	- 4.7			
CD2	31.1	283	IPD	21 48 15.5	0.0			TIY	55.2	324	PC	03 45 56.5	- 0.3			
			P <sub>m</sub> Z			0.6	0.2	CD2	56.8	312	EP	03 46 07.4	- 0.9			
			S	21 52 42.0	- 2.3			LZH	59.5	317	EP	03 46 28.0	0.4			
KMI	32.8	273	PD	21 48 31.0	0.4			GTA	64.0	318	P	03 46 56.5	- 1.0			
			S	21 53 11.0	- 0.7			1984 10 19								
			S <sub>m</sub> N			5.0	0.3	O=06 40 41.6			+/-	0.15 SEC				
GTA	34.5	299	IPD	21 48 44.9	0.0			LAT=36.80 N			+/-	2.29 KM				
			AP	21 50 19.2	2.1			LONG=68.54 E			+/-	2.24 KM				
			PCP	21 51 05.3	0.6			DEPTH=33 KM			+/-	0.22 KM				
			SCP	21 54 01.5	2.9			Ms(CHINA)=4.7/5, Msz(NEIS)=4.1, mb(NEIS)=4.9								
			S	21 53 35.3	- 2.4			STATIONS USED=28, STAND DEV=2.43 SEC								
LSA	42.0	284	PD	21 49 46.5	0.4			KSH	6.4	63	EP	06 42 17.0	0.2			
WMQ	44.0	305	P	21 50 01.4	0.3						ES	06 43 34.0	3.9			
			AP	21 51 35.0	- 3.3						LG <sub>2</sub>	06 44 20.0	6.0			
			SCP	21 54 38.0	3.0						LE	Ms=5.1	8.0	12.3		
			ES	21 55 53.5	- 1.7			WMQ	16.2	58	P	06 44 24.5	- 4.1			
			S <sub>m</sub> N			2.0	0.06				ES	06 47 30.0	- 7.0			
1984 10 19											SS	06 47 37.0	- 8.6			
O=01 28 16.7			+/-	0.08 SEC							LN		2.5	0.3		
LAT=14.78 S			+/-	1.71 KM				LSA	20.2	103	PD	06 45 16.3	- 0.4			
LONG=171.17 W			+/-	1.62 KM							S	06 49 02.0	5.0			
DEPTH=10 KM			+/-	0.69 KM							LN	Ms=4.4	10.5	0.7		
Msz(NEIS)=5.1, mb(NEIS)=5.1											LE		11.0	0.6		
STATIONS USED=36, STAND DEV=1.29 SEC											GTA	24.7	74	EP	06 46 02.2	0.8
NJ2	81.5	306	EP	01 40 40.6	3.8						LE	Ms=4.7	10.0	1.3		
SNY	82.3	316	EP	01 40 43.0	2.2			CD2	29.7	90	EP	06 46 47.4	0.0			
TIY	82.5	309	EP	01 41 13.5	1.7						LE	Ms=4.7	10.0	0.9		
XAN	90.0	305	P	01 41 21.1	2.1			BTO	32.4	70	EP	06 47 08.2	- 2.8			
								XAN	32.9	82	EP	06 47 15.8	0.8			



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE		Ms=4.7	11.0	0.8
GZH	40.8	96	EP	06 48 26.0	4.0		
CN2	43.2	62	E(P)	06 48 47.0	5.1		
1984 10 19							
O=08 17 23.4 +/- 0.11 SEC							
LAT=30.05 N +/- 0.67 KM							
LONG=138.92 E +/- 0.69 KM							
DEPTH=428 KM +/- 1.22 KM							
mb(NEIS)=4.6							
STATIONS USED=46, STAND DEV=0.58 SEC							
MDJ	16.3	335	IPC	08 20 50.7	0.5		
NJ2	17.3	281	IPC	08 21 00.0	- 0.3		
			ES	08 23 56.0	0.2		
CN2	17.4	325	PD	08 21 01.6	0.2		
XAN	25.7	286	PD	08 22 18.4	- 0.8		
GYA	28.6	270	P	08 22 44.4	- 0.5		
CD2	30.2	280	IPD	08 22 58.6	- 0.6		
			P <sub>m</sub> Z			0.6	0.08
GTA	33.3	296	IPD	08 23 25.0	0.0		
			S	08 28 10.9	- 3.9		
			SCP	08 29 00.0	2.0		
			S <sub>m</sub> N			1.5	0.01
1984 10 19							
O=09 38 00.2 +/- 0.08 SEC							
LAT=57.01 S +/- 2.66 KM							
LONG=24.96 W +/- 3.13 KM							
DEPTH=33 KM +/- 0.31 KM							
Ms <sub>Z</sub> (NEIS)=4.6, mb(NEIS)=4.7							
STATIONS USED=10, STAND DEV=1.59 SEC							
NJ2	144.8	119	EPKP	09 57 34.0	- 0.9		
SSE	145.1	123	PKP	09 57 34.0	- 1.4		
TIY	146.0	106	EPKP	09 57 37.0	- 0.1		
BTO	146.8	100	EPKP	09 57 39.3	0.8		
TIA	147.3	113	EPKP	09 57 41.2	2.1		
HHC	147.8	101	EPKP	09 57 43.2	3.1		
1984 10 19							
O=12 21 16.4 +/- 0.08 SEC							
LAT=2.88 N +/- 1.06 KM							
LONG=99.16 E +/- 1.18 KM							
DEPTH=196 KM +/- 0.87 KM							
mb(NEIS)=4.8							
STATIONS USED=15, STAND DEV=0.96 SEC							
QZN	19.2	32	EP	12 25 28.6	1.5		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
KMI	22.4	8	EP	12 26 00.0	0.6		
GTA	36.4	0	P	12 28 03.7	- 0.2		
BJI	40.1	20	(P)	12 28 35.0	0.5		
1984 10 19							
O=12 58 03.3 +/- 0.11 SEC							
LAT=32.58 N +/- 2.19 KM							
LONG=130.30 E +/- 1.71 KM							
DEPTH=32 KM +/- 0.70 KM							
Ms(CHINA)=4.3/10, mb(NEIS)=5.1							
STATIONS USED=50, STAND DEV=2.17 SEC							
DL2	9.5	314	EP	13 00 19.3	- 1.1		
NJ2	9.7	269	PD	13 00 24.2	0.4		
			LE		Ms=4.3	9.0	1.1
SNY	10.7	331	EP	13 00 37.2	0.1		
			ES	13 02 38.0	1.4		
			LN		Ms=4.7	10.0	2.7
			LE			14.0	4.7
CN2	11.8	342	PC	13 00 55.2	2.3		
			ES	13 03 07.0	2.0		
			LE		Ms=4.8	12.0	5.0
TIY	15.5	294	EP	13 01 43.6	2.4		
			ELG <sub>1</sub>	13 06 03.0	- 6.6		
			LN		Ms=4.4	13.0	0.8
XAN	17.9	280	P	13 02 10.6	- 1.5		
			ELG <sub>2</sub>	13 07 52.0	- 2.9		
			LN		Ms=4.3	12.0	0.9
			LE			13.0	0.5
BTO	18.1	301	EP	13 02 13.0	- 1.6		
GYA	21.4	259	P	13 02 54.0	2.8		
LZH	22.1	286	EP	13 02 57.5	- 0.4		
CD2	22.6	272	EP	13 03 01.6	- 1.3		
			LE		Ms=4.7	13.0	1.9
QZN	22.8	238	E(P)	13 03 09.0	4.6		
			LN		Ms=4.4	14.0	1.1
KMI	25.2	259	EP	13 03 26.5	- 1.8		
GTA	25.5	294	P	13 03 28.9	- 2.1		
LSA	33.5	275	EP	13 04 41.2	- 1.7		
WMQ	35.0	301	P	13 04 52.5	- 2.5		
1984 10 19							
O=14 37 48.0 +/- 0.57 SEC							
LAT=15.87 S +/- 4.12 KM							
LONG=173.88 W +/- 3.15 KM							
DEPTH=101 KM +/- 5.10 KM							
mb(NEIS)=5.8							



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
<b>STATIONS USED=92, STAND DEV=1.93 SEC</b>								GYA	87.9	298	PC	14 50 29.4	1.1		
QZH	77.3	300	IPU	14 49 34.0	0.2						PP	14 53 53.0	- 3.5		
			P <sub>m</sub> Z			5.0	1.8				LN			16.0	2.7
			ES	14 59 12.0	- 2.5			XAN	88.5	305	IPC	14 50 31.6	0.2		
			S <sub>m</sub> N			9.0	0.7				P <sub>m</sub> Z			5.0	1.0
MDJ	79.1	322	PC	14 49 43.6	- 0.2						PP	14 54 06.0	4.1		
NJ2	80.1	307	IPU	14 49 49.0	0.0						SKS	15 00 48.5	0.6		
			P <sub>m</sub> Z			6.0	0.9				S	15 01 09.0	1.4		
			XP	14 50 30.0	4.3			HHC	89.0	313	PC	14 50 34.6	0.9		
			PP	14 53 02.0	8.8			BTO	90.0	312	P	14 50 38.8	0.4		
GZH	81.0	297	PU	14 49 54.5	0.6			CD2	91.7	301	P	14 50 46.5	0.4		
			P <sub>m</sub> Z			4.0	1.6				SKS	15 01 08.5	2.0		
			LE			12.0	0.9				S	15 01 37.0	1.2		
CN2	81.1	320	IPC	14 49 53.8	- 0.9			GTA	97.1	308	P	14 51 10.9	- 0.2		
			P <sub>m</sub> Z			5.0	1.8	LSA	101.9	297	P	14 51 34.1	1.1		
			EPP	14 53 08.0	5.2						PP	14 55 44.0	- 2.0		
			ES	14 59 51.0	- 4.3						SKS	15 02 03.0	2.8		
			S <sub>m</sub> N			7.0	0.9				S	15 03 00.5	- 3.1		
SNY	81.3	317	IPC	14 49 55.0	- 0.5						S <sub>m</sub> E			8.0	0.6
			P <sub>m</sub> Z			14.0	1.5	<b>1984 10 19</b>							
			XP	14 50 37.0	4.8			<b>O =15 00 46.8 +/- 0.81 SEC</b>							
			IS	14 00 00.0	3.1			<b>LAT =13.73 N +/- 2.01 KM</b>							
			S <sub>m</sub> N			22.0	1.9	<b>LONG =95.93 E +/- 1.07 KM</b>							
			S <sub>m</sub> E			16.0	1.0	<b>DEPTH=15 KM +/- 5.47 KM</b>							
			LN			40.0	3.3	<b>mb(NEIS)=4.2</b>							
			LE			40.0	2.4	<b>STATIONS USED=9, STAND DEV=0.93 SEC</b>							
QZN	82.7	292	IPR	14 50 05.0	2.5			LSA	16.5	345	EP	15 04 40.5	0.4		
			P <sub>m</sub> Z			6.0	1.3	CD2	18.6	21	EP	15 05 05.2	- 0.2		
			PP	14 53 18.0	3.4			XAN	23.4	28	EP	15 05 55.0	- 1.5		
			ES	15 00 16.0	5.4			WHN	23.8	42	EP	15 06 02.5	1.9		
WHN	83.0	304	P	14 50 04.5	0.4			GTA	25.8	6	EP	15 06 20.3	0.6		
			PP	14 53 10.0	- 7.2			<b>1984 10 19</b>							
			S	15 00 17.5	3.7			<b>O =17 45 03.7 +/- 0.51 SEC</b>							
			LN			12.0	1.0	<b>LAT =1.43 N +/- 2.48 KM</b>							
TIA	83.2	310	P	14 50 04.7	- 0.4			<b>LONG =125.65 E +/- 3.47 KM</b>							
			P <sub>m</sub> Z			5.0	1.0	<b>DEPTH=81 KM +/- 4.90 KM</b>							
			PP	14 53 12.0	- 6.6			<b>mb(NEIS)=5.8</b>							
			ESKS	15 00 08.0	- 4.6			<b>STATIONS USED=101, STAND DEV=2.34 SEC</b>							
			S	15 00 17.5	1.8			QZN	23.4	319	IPU	17 50 07.0	1.1		
			SS	15 05 39.0	- 4.4						P <sub>m</sub> Z			6.0	1.1
			LN			9.5	0.5				AP	17 50 23.0	- 0.6		
			LE			9.5	0.9				XP	17 50 31.0	- 2.7		
TIY	87.2	310	IPC	14 50 25.5	0.4						PP	17 50 40.5	0.0		
			P <sub>m</sub> Z			5.0	1.7				S	17 54 08.0	- 1.5		
			LN			14.0	1.0								
			LE			14.0	0.7								



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			XS	17 54 38.0	- 1.7						S	17 57 34.0	2.1		
			LN			12.0	2.3				XS	17 58 07.0	2.6		
			LE			13.0	2.3				LE			11.0	0.9
QZH	24.3	344	IPU	17 50 14.5	- 0.9			DL2	37.5	354	EP	17 52 11.6	0.1		
			P <sub>m</sub> Z			5.0	1.8	TIY	38.1	342	PC	17 52 16.2	- 0.6		
			S	17 54 26.0	- 0.3						P <sub>m</sub> Z			0.9	0.04
			XS	17 54 54.0	- 3.2						LN			9.0	0.6
			SS	17 55 21.0	- 4.0						LE			9.0	0.6
			LN			19.0	2.1	LZH	40.0	332	IPC	17 52 33.0	0.6		
GZH	24.6	331	PC	17 50 18.5	0.5						P <sub>m</sub> Z			2.0	0.6
			P <sub>m</sub> Z			3.0	0.8				EPP	17 54 13.0	4.3		
			ES	17 54 28.0	- 2.9						ES	17 58 30.0	- 2.1		
			LN			9.0	2.7				LN			20.0	2.4
			LE			12.0	2.2				LE			18.0	5.5
GYA	30.9	325	PU	17 51 15.0	0.0			SNY	40.3	357	IPC	17 52 34.8	0.2		
			XP	17 51 41.0	- 2.2						P <sub>m</sub> Z			6.0	1.7
			S	17 56 10.0	- 2.0						S	17 58 29.0	- 7.0		
			LN			14.0	1.6				LN			24.0	1.9
			LE			14.0	1.6				LE			22.0	1.2
WHN	30.9	340	P	17 51 15.0	0.1			HHC	41.3	343	EP	17 52 42.8	- 0.2		
			PCP	17 54 09.5	0.0			BTO	41.5	341	EP	17 52 43.4	- 1.4		
			ES	17 56 13.0	1.1			CN2	42.2	359	IPC	17 52 50.0	- 0.5		
			LE			9.0	2.0				P <sub>m</sub> Z			6.0	1.3
NJ2	31.1	348	PC	17 51 16.8	- 0.3						XP	17 53 17.0	- 2.3		
			ES	17 56 20.0	4.1						PCP	17 54 44.0	0.6		
			LN			12.0	0.6				ES	17 59 04.0	- 0.6		
KMI	32.3	318	IPC	17 51 29.0	1.3						LN			12.0	1.4
			ES	17 56 36.0	1.1			MDJ	43.1	4	IPC	17 52 59.0	0.7		
			LN			14.0	1.6	LSA	43.2	313	PC	17 53 00.2	1.0		
TIA	35.5	348	EP	17 51 53.3	- 1.6						PP	17 54 47.0	5.3		
			PCP	17 54 22.7	0.3						PCS	17 58 40.0	2.1		
			ES	17 57 21.5	- 2.3						S	17 59 19.0	- 1.1		
			S <sub>m</sub> N			10.0	0.6				S <sub>m</sub> E			6.0	0.3
			PCS	17 58 10.0	1.8						SCS	18 02 50.0	2.2		
			SS	17 59 40.0	- 6.3			GTA	44.5	331	IPC	17 53 10.0	0.3		
			LN			24.0	4.5				PCP	17 54 52.7	1.3		
CD2	35.9	326	IPC	17 51 58.2	- 0.2						PCS	17 58 44.3	1.0		
			P <sub>m</sub> Z			1.0	0.2				LE			12.0	0.7
			PP	17 53 25.5	4.9			WMQ	54.0	326	IPC	17 54 21.5	- 0.9		
			S	17 57 27.5	- 2.8						P <sub>m</sub> Z			1.5	0.2
			LE			12.0	2.1				XP	17 54 48.5	- 3.0		
XAN	36.0	336	IPC	17 51 58.3	- 1.0						PCP	17 55 26.0	0.3		
			P <sub>m</sub> Z			1.4	0.3				PCS	17 59 23.0	- 0.4		
			AP	17 52 17.0	- 1.2						ES	18 01 51.0	0.1		
			PP	17 53 23.5	1.6						SCS	18 04 02.0	2.5		
			PCP	17 54 22.0	- 1.9										



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
1984 10 19								O=22 30 39.2 +/- 0.14 SEC							
O=18 01 47.5 +/- 0.15 SEC								LAT=56.98 S +/- 2.09 KM							
LAT=31.50 N +/- 2.66 KM								LONG=25.35 W +/- 2.46 KM							
LONG=132.07 E +/- 2.30 KM								DEPTH=33 KM +/- 0.99 KM							
DEPTH=36 KM +/- 1.15 KM								Msz(NEIS)=4.7, mb(NEIS)=4.7							
mb(NEIS)=4.4								STATIONS USED=13, STAND DEV=1.34 SEC							
STATIONS USED=18, STAND DEV=2.24 SEC								XAN 141.6 106 EPKP 22 50 09.3 1.0							
NJ2 11.3 276 PD 18 04 28.6 - 0.5								NJ2 145.0 120 PKPC 22 50 13.2 - 0.9							
TIA 13.3 294 EP 18 05 00.0 3.8								TIY 146.2 106 EPKP 22 50 16.5 0.2							
BJI 15.4 307 EP 18 05 26.0 1.5								BTO 147.0 100 EPKP 22 50 19.1 1.4							
TIY 17.3 296 EP 18 05 49.4 1.2								TIA 147.5 113 EPKP 22 50 19.8 1.5							
XAN 19.6 283 P 18 06 12.4 - 3.6								HHC 148.1 101 EPKP 22 50 22.1 2.7							
GYA 22.8 263 EP 18 06 46.8 - 1.4								1984 10 20							
LZH 23.9 288 EP 18 06 56.5 - 2.4								O=03 21 15.5 +/- 1.25 SEC							
CD2 24.2 276 P 18 07 00.6 - 1.5								LAT=49.38 N +/- 2.90 KM							
GTA 27.3 295 EP 18 07 29.7 - 1.8								LONG=154.83 E +/- 1.96 KM							
1984 10 19								DEPTH=0 KM +/- 8.25 KM							
O=19 59 59.1 +/- 0.16 SEC								Ms(CHINA)=5.1/22, Msz(NEIS)=5.5, mb(NEIS)=5.5							
LAT=30.53 S +/- 1.28 KM								STATIONS USED=80, STAND DEV=1.27 SEC							
LONG=178.29 W +/- 1.65 KM								MDJ 17.8 267 EP 03 25 22.0 - 3.4							
DEPTH=66 KM +/- 1.35 KM								CN2 20.9 268 EP 03 25 57.0 - 3.6							
Msz(NEIS)=5.0, mb(NEIS)=5.6								ES 03 29 44.0 - 4.8							
STATIONS USED=36, STAND DEV=0.87 SEC								S <sub>m</sub> E 5.0 0.8							
GZH 84.5 300 PC 20 12 27.5 0.6								LE Ms=5.1 14.0 6.3							
QZN 84.8 295 EP 20 12 29.0 0.4								SNY 22.9 265 PC 03 26 21.8 0.3							
NJ2 86.1 310 PC 20 12 35.2 0.2								ES 03 30 23.0 - 4.5							
S 20 23 10.0 6.7								LN Ms=4.9 13.0 0.9							
WHN 88.2 307 P 20 12 45.5 0.4								LE 15.0 3.3							
MDJ 88.6 325 EP 20 12 47.0 0.1								BJI 28.7 267 EP 03 27 15.0 - 0.7							
SNY 89.7 320 EP 20 12 51.9 - 0.3								ES 03 31 54.5 - 9.4							
TIA 89.9 313 EP 20 12 51.5 - 1.4								LN Ms=5.1 17.0 3.5							
CN2 90.1 322 PC 20 12 54.0 0.1								LE 19.0 2.3							
AP 20 13 13.4 1.9								TIA 30.2 260 EP 03 27 28.3 - 0.3							
GYA 91.4 299 P 20 13 00.2 0.0								ES 03 32 20.5 - 6.4							
BJI 92.8 315 EP 20 13 04.5 - 2.2								LN Ms=5.1 16.5 2.2							
KMI 93.7 296 PC 20 13 11.5 0.9								LE 19.0 3.4							
ES 20 24 16.0 4.0								HHC 31.4 272 P 03 27 41.8 2.1							
S <sub>m</sub> E 10.0 0.3								S 03 32 50.0 3.3							
TIY 93.8 311 EP 20 13 11.4 0.4								LN Ms=5.2 14.0 2.9							
XAN 94.0 307 PC 20 13 12.1 0.2								LE 13.0 2.6							
CD2 95.9 302 EP 20 13 21.0 0.2								NJ2 31.6 252 EP 03 27 42.0 0.4							
WMQ 113.1 308 EPKP 20 18 29.1 - 0.9								S 03 32 50.0 0.0							
KSH 120.1 300 EPKP 20 18 46.0 2.4								LN Ms=5.1 15.0 3.1							
1984 10 19								TIY 32.4 266 EP 03 27 49.0 0.4							
								LN Ms=5.2 14.0 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
<b>DEPTH=0 KM</b>											PP	18 22 53.0	- 1.8		
<b>ML(CHINA)=3.0/5</b>											LE			45.0	2.2
<b>STATIONS USED=7, STAND DEV=2.38 SEC</b>								CN2	157.9	335	PKP <sub>1</sub>	18 18 51.0	- 0.4		
TIY	1.9	282	IPGC	13 25 22.2	3.5						PKP <sub>mZ</sub>		6.0	1.1	
			SG	13 25 47.8	4.5						PKP <sub>2</sub>	18 19 23.0			
			S <sub>m</sub> N	ML=3.0		0.5	0.1				PP	18 23 02.5	- 5.5		
			S <sub>m</sub> E			0.5	0.2				PP <sub>mZ</sub>		6.0	1.0	
TIA	2.2	119	PG	13 25 24.2	- 0.4			LSA	159.6	69	PKP <sub>1</sub>	18 18 56.0	2.1		
			SG	13 25 50.9	- 2.5						PKP <sub>2</sub>	18 20 22.0			
			S <sub>m</sub> N	ML=2.8		0.3	0.08				SKKS	18 29 47.0			
			S <sub>m</sub> E			0.3	0.06	SNY	160.3	336	IPKP <sub>1</sub>	18 18 55.0	0.9		
BJI	2.9	21	PG	13 25 39.0	0.9						PKP <sub>mZ</sub>		5.0	1.6	
			SG	13 26 17.0	0.4						PKP <sub>2</sub>	18 19 36.8			
HHC	4.3	325	EPG	13 26 06.4	3.4						PP	18 23 18.0	- 2.2		
1984 10 20								GTA	161.0	33	IPKPD	18 18 56.3	1.3		
O=15 41 44.1			+/- 0.06 SEC					HHC	163.2	4	IPKPR	18 19 00.0	2.8		
LAT=52.31 N			+/- 2.34 KM								PP	18 23 34.5	- 1.3		
LONG=168.54 W			+/- 1.03 KM					BTO	163.3	8	PKP <sub>1</sub>	18 18 59.0	1.7		
DEPTH=30 KM			+/- 0.32 KM								PKP <sub>2</sub>	18 19 49.0			
mb(NEIS)=5.0											PP	18 23 34.0	- 2.4		
<b>STATIONS USED=35, STAND DEV=1.13 SEC</b>											SS	18 43 48.0	5.8		
CN2	43.5	286	PC	15 49 46.0	- 1.1			DL2	163.6	336	PKP <sub>1</sub>	18 18 59.2	1.8		
WHN	58.8	280	P	15 51 43.0	0.2						PKP <sub>mZ</sub>		6.0	1.4	
GTA	61.0	297	P	15 51 56.6	- 0.9						PKP <sub>2</sub>	18 19 50.0			
WMQ	64.0	308	EP	15 52 16.5	- 1.0						PP	18 23 35.0	- 3.1		
CD2	64.9	288	EP	15 52 24.0	0.7			BJI	163.9	351	EPKP <sub>1</sub>	18 19 00.0	2.3		
GYA	66.4	283	EP	15 52 34.0	0.6						PKP <sub>mZ</sub>		6.0	1.6	
KMI	69.8	285	PC	15 52 54.5	0.2						PKP <sub>2</sub>	18 19 52.0			
			S	16 01 56.0	- 4.9			LZH	165.6	31	PKPR	18 19 01.5	1.9		
1984 10 20											PKP <sub>mZ</sub>		2.5	0.7	
O=17 59 18.5			+/- 0.18 SEC								PP	18 23 45.0	- 3.6		
LAT=24.07 S			+/- 0.01 KM								SKKS	18 30 15.0			
LONG=66.83 W			+/- 0.01 KM								SS	18 44 05.0	- 0.3		
DEPTH=204 KM			+/- 0.02 KM					TIY	166.4	2	PKP <sub>1</sub>	18 19 01.5	1.5		
mb(NEIS)=6.0											PKP <sub>mZ</sub>		1.8	2.6	
<b>STATIONS USED=88, STAND DEV=4.00 SEC</b>											PKP <sub>2</sub>	18 20 04.0			
KSH	145.1	54	PKPR	18 18 35.0	2.3						PP	18 23 50.5	- 2.1		
			PP	18 21 54.0	- 1.7						LN		13.0	0.7	
			ESKKS	18 28 27.0							LE		13.0	0.9	
WMQ	151.3	40	PKP	18 18 44.0	1.4			TIA	167.4	345	PKP <sub>1</sub>	18 19 01.8	1.1		
			PKP <sub>mZ</sub>			2.0	1.0				PKP <sub>mZ</sub>		7.0	1.7	
			SKKS	18 28 50.0							PKP <sub>2</sub>	18 20 08.1			
MDJ	155.5	330	EPKP <sub>1</sub>	18 18 46.0	- 2.3						PP	18 23 53.4	- 4.4		
			PKP <sub>2</sub>	18 19 15.0							PP <sub>mZ</sub>		7.0	2.3	
								CD2	169.2	48	IPKP <sub>1</sub>	18 19 03.0	1.2		



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			PKP <sub>2</sub>	18 20 18.0											
			PP	18 24 13.0	6.2										
			PP <sub>mZ</sub>			5.0	0.8								
			SKKS	18 30 34.0											
			SS	18 44 48.0	6.4										
XAN	169.4	19	IPKP <sub>1</sub>	18 19 03.0	1.1										
			PKP <sub>mZ</sub>			5.0	2.1								
			PKP <sub>2</sub>	18 20 15.0											
			PP	18 24 04.0	- 3.6										
			PP <sub>mZ</sub>			6.0	1.5								
			SS	18 44 36.0	- 7.3										
KMI	170.5	81	PKPR	18 19 04.0	1.3										
			PKP <sub>mZ</sub>			6.0	1.2								
			PP	18 24 10.0	- 2.9										
			SKKS	18 30 42.0											
NJ2	170.6	329	IPKP <sub>1</sub>	18 19 04.0	1.4										
			PKP <sub>mZ</sub>			6.0	1.5								
			PKP <sub>2</sub>	18 20 22.0											
			PP	18 24 12.0	- 1.6										
			PP <sub>mZ</sub>			7.0	1.6								
WHN	173.5	351	PKP <sub>1</sub>	18 19 07.0	3.0										
			PKP <sub>2</sub>	18 20 35.0											
			PP	18 24 24.0	- 3.8										
			ESKS	18 25 53.0	9.2										
			SS	18 45 20.0	- 2.6										
			LN			14.0	1.9								
GYA	173.6	66	PKP <sub>1</sub>	18 19 05.0	0.8										
			PKP <sub>2</sub>	18 21 26.0											
			PP	18 24 32.0	3.3										
			SKKS	18 30 54.0											
QZN	174.1	147	IPKPR	18 19 06.5	2.3										
			PKP <sub>mZ</sub>			5.0	1.8								
			SKKS	18 31 02.0											
			SS	18 45 28.0	- 0.3										
QZH	175.0	281	PKP <sub>1</sub>	18 19 06.0	1.5										
			PKP <sub>2</sub>	18 20 44.0											
			SKS	18 25 48.0	3.8										
			SKKS	18 31 00.0											
GZH	179.0	189	PKP	18 19 06.0	0.8										
			PKP <sub>mZ</sub>			6.0	2.3								
			SKKS	18 31 25.0											
			SS	18 46 22.0	7.5										
1984 10 20															
O=21 22 11.1 +/- 0.20 SEC															
LAT=20.69 S +/- 1.95 KM															
LONG=178.38 W +/- 1.89 KM															
DEPTH=583 KM +/- 2.16 KM															
mb(NEIS)=5.4															
STATIONS USED=99, STAND DEV=1.05 SEC															
GZH	79.5	299	IPR	21 33 21.0	1.1										
NJ2	79.7	309	PD	21 33 21.5	0.4										
MDJ	80.5	325	PD	21 33 25.0	0.1										
QZN	80.6	294	EP	21 33 24.5	- 1.1										
SNY	82.1	320	IPD	21 33 32.8	- 0.5										
CN2	82.2	322	IPD	21 33 33.6	- 0.3										
			P <sub>mZ</sub>											3.0	0.5
			ES	21 43 00.0	- 2.1										
WHN	82.3	306	PD	21 33 35.0	0.9										
TIA	83.1	312	PD	21 33 38.6	0.1										
BJI	85.8	315	EP	21 33 51.5	0.2										
GYA	86.4	299	PD	21 33 55.0	0.4										
TIY	87.1	312	PD	21 33 58.3	0.5										
			P <sub>mZ</sub>											1.2	0.09
XAN	88.0	307	IPD	21 34 02.0	0.3										
			P <sub>mZ</sub>											0.4	0.2
			SKS	21 43 33.0	- 0.6										
			ES	21 43 56.0	- 0.1										
KMI	89.1	297	PD	21 34 08.5	1.2										
BTO	90.2	313	EP	21 34 12.0	0.1										
CD2	90.6	302	P	21 34 14.5	0.6										
LZH	92.6	307	IPD	21 34 24.0	0.8										
			P <sub>mZ</sub>											1.5	0.09
GTA	96.8	309	P	21 34 42.4	0.1										
			SKS	21 44 22.0	- 0.3										
1984 10 21															
O=06 19 52.1 +/- 0.08 SEC															
LAT=6.98 N +/- 1.07 KM															
LONG=143.52 E +/- 5.92 KM															
DEPTH=33 KM +/- 3.42 KM															
mb(NEIS)=4.6															
STATIONS USED=12, STAND DEV=0.91 SEC															
CN2	13.7	288	E(P)	22 47 36.0	0.3										
BJI	20.8	276	(P)	22 49 00.0	- 2.3										
GTA	33.2	282	P	22 50 58.0	0.5										
GYA	33.6	256	EP	22 51 01.0	0.2										
KMI	37.3	257	PC	22 51 32.0	- 0.1										



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>LONG = 126.78 E +/- 2.18 KM                      DEPTH = 35 KM +/- 0.30 KM                      mb(NEIS) = 4.7                      STATIONS USED = 13, STAND DEV = 1.45 SEC</p>							
XAN	31.6	330	EP	06 26 10.0	- 4.2		
CD2	32.1	320	EP	06 26 20.4	1.6		
GTA	40.4	327	EP	06 27 30.0	1.1		
<p>1984 10 21                      O = 09 12 55.9 +/- 0.21 SEC                      LAT = 56.85 S +/- 7.52 KM                      LONG = 25.04 W +/- 2.15 KM                      DEPTH = 9 KM +/- 0.56 KM                      Msz(NEIS) = 4.9, mb(NEIS) = 5.1                      STATIONS USED = 21, STAND DEV = 4.67 SEC</p>							
KSH	127.6	73	EPKP	09 31 49.0	-14.0		
GTA	140.5	92	EPKP	09 32 25.5	- 1.6		
XAN	141.5	106	EPKP	09 32 25.0	- 3.7		
NJ2	144.9	119	IPKPD	09 32 34.4	- 0.1		
SSE	145.2	123	PKP	09 32 34.5	- 0.5		
TIY	146.1	106	EPKP	09 32 37.0	0.3		
BTO	146.9	99	EPKP	09 32 40.2	2.1		
TIA	147.4	113	PKPC	09 32 41.1	2.3		
HHC	147.9	101	PKP	09 32 42.8	3.1		
BJI	149.8	107	EPKP	09 32 47.0	4.4		
CN2	157.3	112	EPKP	09 33 05.8	12.6		
<p>1984 10 21                      O = 15 22 08.4 +/- 0.13 SEC                      LAT = 1.55 S +/- 0.95 KM                      LONG = 126.31 E +/- 1.62 KM                      DEPTH = 45 KM +/- 1.29 KM                      mb(NEIS) = 5.1                      STATIONS USED = 14, STAND DEV = 0.83 SEC</p>							
QZN	26.1	322	EP	15 27 40.8	0.8		
			ES	15 32 09.0	2.9		
XAN	39.0	336	EP	15 29 31.2	- 1.4		
TIY	41.1	343	EP	15 29 50.0	- 0.3		
LZH	42.9	332	EP	15 30 06.0	1.0		
GTA	47.5	332	P	15 30 41.6	0.3		
WMQ	56.9	327	PD	15 31 51.5	0.0		
<p>1984 10 21                      O = 15 51 23.9 +/- 0.20 SEC                      LAT = 20.28 N +/- 2.85 KM                      LONG = 120.82 E +/- 3.18 KM                      DEPTH = 55 KM +/- 1.53 KM</p>							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>mb(NEIS) = 4.5, ML(CHINA) = 3.8/5                      STATIONS USED = 24, STAND DEV = 3.44 SEC</p>							
QZH	5.1	336	EP	15 52 36.2	- 3.1		
			S	15 53 32.5	- 4.8		
			S <sub>m</sub> E		ML = 3.6	0.8	0.07
QZN	10.4	264	PC	15 53 52.5	- 0.2		
			S	15 55 47.4	- 1.3		
GYA	14.4	297	P	15 54 46.2	0.9		
TIA	16.2	349	EP	15 55 09.6	1.2		
XAN	17.3	324	EP	15 55 21.0	- 1.2		
KMI	17.4	289	EP	15 55 26.0	2.8		
			PP	15 55 40.5	1.1		
CD2	18.7	307	EP	15 55 40.6	2.1		
TIY	18.8	338	EP	15 55 43.2	2.5		
BJI	20.1	349	EP	15 55 53.5	- 0.6		
GTA	26.3	321	EP	15 56 55.5	1.0		
<p>1984 10 21                      O = 18 04 26.9 +/- 0.20 SEC                      LAT = 40.78 N +/- 2.55 KM                      LONG = 42.45 E +/- 1.37 KM                      DEPTH = 33 KM +/- 0.68 KM                      Msz(NEIS) = 3.8, mb(NEIS) = 4.7                      STATIONS USED = 41, STAND DEV = 1.40 SEC</p>							
KSH	25.6	81	EP	18 09 57.0	1.8		
WMQ	33.3	69	PC	18 11 04.5	0.4		
CD2	49.8	80	EP	18 13 19.4	0.6		
BTO	50.0	66	EP	18 13 21.5	0.5		
HHC	51.0	65	EP	18 13 26.0	- 2.4		
KMI	52.0	87	EP	18 13 36.0	0.2		
XAN	52.1	74	EP	18 13 36.0	- 0.5		
TIY	53.0	69	E(P)	18 13 42.8	- 0.2		
GYA	54.2	84	EP	18 13 54.4	1.9		
BJI	54.5	64	EP	18 13 54.5	0.0		
WHN	57.8	75	EP	18 14 18.5	0.4		
CN2	59.0	57	PC	18 14 25.0	- 1.0		
<p>1984 10 21                      O = 18 26 41.4 +/- 0.38 SEC                      LAT = 23.23 N +/- 7.60 KM                      LONG = 143.75 E +/- 8.09 KM                      DEPTH = 29 KM +/- 1.19 KM                      mb(NEIS) = 4.8                      STATIONS USED = 18, STAND DEV = 5.85 SEC</p>							
CN2	25.5	328	PC	18 32 08.0	- 0.8		
TIA	26.4	305	EP	18 32 13.7	- 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
WHN	27.2	291	EP	18 32 24.0	- 0.6			XAN	50.5	70	EP	23 49 17.0	0.1		
XAN	32.3	297	EP	18 33 08.0	- 2.2			GYA	51.2	80	P	23 49 22.0	0.1		
BTO	33.2	309	EP	18 33 19.0	0.7			1984 10 22							
CD2	36.3	290	EP	18 33 44.0	- 0.6			O=05 34 10.4			+/-	0.04 SEC			
WMQ	50.0	308	E(P)	18 35 36.2	0.3			LAT=39.46 N			+/-	0.78 KM			
1984 10 21								LONG=98.25 E			+/-	0.55 KM			
O=18 58 06.1								DEPTH=1 KM			+/-	0.02 KM			
LAT=84.46 N								ML(CHINA)=3.9/3							
LONG=107.83 E								STATIONS USED=6, STAND DEV=2.89 SEC							
DEPTH=10 KM								GTA	1.2	91	PG	05 34 36.7	2.4		
Ms(CHINA)=4.6/1, mb(NEIS)=4.9											SG	05 34 58.7	8.4		
STATIONS USED=40, STAND DEV=1.15 SEC											S <sub>m</sub> N			5.5	0.8
CN2	41.1	160	EP	19 05 51.8	- 0.5						S <sub>m</sub> E			5.2	1.1
WMQ	41.2	202	PD	19 05 53.0	0.0			LZH	5.6	125	PG	05 35 50.0	- 1.8		
SNY	43.0	162	EP	19 06 08.1	0.1						ESG	05 37 17.5	2.1		
BJI	44.6	170	EP	19 06 21.5	0.4						S <sub>m</sub> E		ML=3.9	2.0	0.1
GTA	45.3	188	P	19 06 26.2	- 0.1			WMQ	9.0	302	E(P)	05 36 24.8	- 0.3		
			PP	19 08 15.7	3.6						LG <sub>1</sub>	05 38 44.4	- 9.4		
			LE			Ms=4.6	12.0 0.4				LN			1.0	0.07
TIA	48.5	169	P	19 06 51.6	0.1						LE			1.0	0.05
XAN	50.6	178	EP	19 07 07.0	- 0.6			1984 10 22							
NJ2	52.7	168	EP	19 07 23.0	- 0.3			O=15 03 30.8			+/-	0.07 SEC			
CD2	53.7	184	EP	19 07 31.2	0.1			LAT=36.98 N			+/-	1.90 KM			
GYA	58.1	181	PC	19 08 03.0	0.0			LONG=141.74 E			+/-	0.30 KM			
KMI	59.5	185	PC	19 08 11.5	- 1.0			DEPTH=35 KM			+/-	0.17 KM			
1984 10 21								Ms(CHINA)=4.6/1, mb(NEIS)=4.8							
O=23 15 45.4								STATIONS USED=18, STAND DEV=1.48 SEC							
LAT=2.64 S								MDJ	11.9	313	EP	15 06 23.0	1.1		
LONG=121.57 E								CN2	14.2	303	EP	15 06 51.4	0.3		
DEPTH=38 KM								TIA	19.8	275	EP	15 07 59.8	- 1.2		
mb(NEIS)=4.8								BJI	20.2	286	EP	15 08 03.0	- 2.8		
STATIONS USED=17, STAND DEV=1.73 SEC								HHC	23.7	288	E(P)	15 08 41.7	0.6		
KMI	33.1	327	PD	23 22 20.5	0.1			XAN	26.8	273	P	15 09 08.8	- 1.3		
CD2	37.4	334	EP	23 22 55.6	- 1.6			GYA	31.5	260	P	15 09 51.2	- 0.8		
GTA	46.4	336	EP	23 24 10.0	- 0.5			GTA	32.8	287	P	15 10 02.9	- 1.0		
1984 10 21											LE		Ms=4.6	11.0 0.16	
O=23 40 23.0								KMI	35.2	261	PD	15 10 24.0	- 0.5		
LAT=32.74 N								1984 10 22							
LONG=47.59 E								O=15 26 50.0			+/-	1.04 SEC			
DEPTH=41 KM								LAT=31.68 S			+/-	2.47 KM			
mb(NEIS)=5.0								LONG=177.53 W			+/-	2.36 KM			
STATIONS USED=14, STAND DEV=1.68 SEC								DEPTH=5 KM			+/-	6.67 KM			
KMI	48.4	84	PD	23 49 01.5	0.8			Ms(CHINA)=5.1/2, Msz(NEIS)=5.4, mb(NEIS)=5.3							



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
STATIONS USED=45, STAND DEV=1.91 SEC								GTA	26.6	297	P	19 51 31.8	- 1.8		
QZH	83.0	304	EP	15 39 20.0	1.5			1984 10 22							
			S	15 49 40.0	2.3			O=20 57 43.3 +/- 0.45 SEC							
			S <sub>m</sub> N			14.0	1.3	LAT=15.13 N +/- 1.70 KM							
NJ2	87.4	310	EP	15 39 40.0	- 0.3			LONG=147.09 E +/- 2.37 KM							
			S <sub>m</sub> N			8.0	0.5	DEPTH=29 KM +/- 4.09 KM							
			S <sub>m</sub> E			8.0	0.4	Ms(CHINA)=4.5/7, mb(NEIS)=5.1							
MDJ	89.9	325	EP	15 39 50.0	- 2.3			STATIONS USED=76, STAND DEV=1.43 SEC							
			ES	15 50 46.0	2.2			QZH	28.4	294	PD	21 03 37.0	- 1.1		
			S <sub>m</sub> N			12.0	1.2				ES	21 08 26.5	4.1		
TIA	91.1	312	EP	15 39 57.2	- 0.8						LN		Ms=4.4	13.0	0.6
CN2	91.4	322	PD	15 39 57.0	- 2.3			NJ2	30.7	308	EP	21 03 58.0	- 0.6		
			P <sub>m</sub> Z			7.0	0.4	MDJ	32.9	336	EP	21 04 16.5	- 1.3		
			SKS	15 50 24.0	- 5.3			WHN	33.7	302	PC	21 04 24.3	- 0.1		
			S	15 51 02.0	4.8			TIA	34.0	313	PD	21 04 26.5	- 0.4		
			S <sub>m</sub> N			9.0	0.6	CN2	34.0	331	PC	21 04 25.0	- 2.2		
			LE		Ms=5.1	15.0	0.5				(S)	21 09 46.0	- 4.0		
GYA	92.5	299	P	15 40 07.0	2.4						LN		Ms=4.4	14.0	0.5
KMI	94.8	296	EP	15 40 18.0	3.1			BHJ	36.7	318	EP	21 04 49.0	- 0.6		
			SKS	15 50 55.0	6.9			TIY	38.0	312	P	21 05 01.6	0.5		
			S	15 51 36.0	9.2						LN		Ms=4.5	16.0	0.5
			S <sub>m</sub> E			10.0	0.3	XAN	39.2	305	EP	21 05 10.6	- 0.4		
XAN	95.2	306	EP	15 40 18.6	1.8			GYA	39.3	293	P	21 05 13.0	1.2		
			SKS	15 50 55.0	4.5			HHC	40.1	316	P	21 05 19.0	0.7		
			S	15 51 35.5	5.2			BTO	41.0	315	EP	21 05 25.9	0.0		
			S <sub>m</sub> N			9.0	0.6	CD2	42.6	299	IPC	21 05 39.0	0.1		
			S <sub>m</sub> E			9.0	0.6				P <sub>m</sub> Z			1.0	0.05
1984 10 22											ES	21 11 58.0	- 1.8		
O=19 46 11.8 +/- 0.39 SEC								KMI	42.7	290	PC	21 05 40.5	0.8		
LAT=30.39 N +/- 2.86 KM								LZH	43.8	306	IPC	21 05 49.5	0.6		
LONG=130.78 E +/- 2.25 KM											P <sub>m</sub> Z			1.5	0.2
DEPTH=205 KM +/- 3.01 KM								GTA	47.8	309	IPC	21 06 21.2	- 0.4		
mb(NEIS)=4.6											SCP	21 11 43.7	4.1		
STATIONS USED=29, STAND DEV=1.63 SEC											ES	21 13 17.0	1.8		
TIA	12.6	298	EP	19 49 07.4	2.7						LE		Ms=4.7	15.0	0.6
CN2	13.6	343	P	19 49 19.8	2.6			LSA	53.2	295	PC	21 07 03.2	0.7		
WHN	14.1	272	EP	19 49 26.0	1.5			WMQ	57.7	312	PC	21 07 33.5	0.6		
BHJ	15.0	311	EP	19 49 34.0	- 0.9			1984 10 22							
TIY	16.6	299	EP	19 49 54.1	- 0.5			O=21 21 28.3 +/- 0.13 SEC							
XAN	18.7	285	EP	19 50 15.0	- 2.3			LAT=36.60 N +/- 0.94 KM							
GYA	21.6	264	EP	19 50 46.6	- 0.1			LONG=70.85 E +/- 1.21 KM							
LZH	23.0	290	EP	19 51 05.0	4.7			DEPTH=210 KM +/- 1.33 KM							
CD2	23.2	277	EP	19 51 01.5	- 0.1			mb(NEIS)=4.3, ML(CHINA)=4.5/1							
			(S)	19 55 01.4	6.4			STATIONS USED=9, STAND DEV=0.96 SEC							
KMI	25.4	263	EP	19 51 21.0	- 1.4										



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	
KSH	5.0	53	IPD	21 22 44.0	0.6						PG	08 44 46.0	3.5			
			S	21 23 40.0	- 1.6						SG	08 45 57.0	5.6			
			S <sub>m</sub> N		ML=4.5	0.5	0.5				LN			3.0	43.2	
			S <sub>m</sub> E			0.5	0.7	WMQ	5.6	86	PNC	08 44 33.6	2.1			
WMQ	14.7	55	E(P)	21 24 46.5	- 1.9						PG	08 44 56.0	7.8			
GTA	23.0	74	EP	21 26 17.6	1.9						SG	08 46 14.0	2.4			
			PP	21 27 09.0	4.3						S <sub>m</sub> N			4.0	14.6	
											S <sub>m</sub> E			4.0	13.9	
1984 10 23																
O=08 04 47.4 +/- 0.10 SEC																
LAT=55.71 N +/- 2.30 KM																
LONG=164.93 E +/- 1.07 KM																
DEPTH=33 KM +/- 0.26 KM																
Ms(CHINA)=4.8/5, Msz(NEIS)=4.4, mb(NEIS)=5.3																
STATIONS USED=60, STAND DEV=1.22 SEC																
MDJ	24.9	258	EP	08 10 08.5	- 0.9						GTA	15.4	99	IPD	08 46 45.8	- 0.4
CN2	27.8	261	EP	08 10 31.6	- 4.0						LE		Ms=4.8	6.0	1.8	
			LG <sub>2</sub>	08 19 60.0	- 3.3						LSA	16.6	143	E(P)	08 47 06.8	5.2
			LN		Ms=4.7	14.0	1.5				S	08 50 12.3	6.2			
TIA	37.6	259	EP	08 11 59.3	- 1.9						LN		Ms=4.5	9.0	0.9	
BTO	38.5	270	EP	08 12 03.8	- 0.4						LE			10.0	0.8	
			LN		Ms=5.0	15.0	1.0				LZH	19.8	104	EP	08 47 40.0	0.2
			LE			15.0	1.4				P <sub>m</sub> Z			2.0	0.2	
NJ2	39.8	253	EP	08 12 19.0	- 0.1						ES	08 51 25.0	7.9			
			LE		Ms=4.6	15.0	0.6				LN		Ms=5.1	8.0	2.8	
XAN	43.8	264	EP	08 12 51.0	- 1.2						LE			8.0	1.5	
GTA	45.1	277	IPC	08 13 03.7	0.7						BTO	22.4	87	PC	08 48 07.0	0.3
LZH	45.2	270	IPC	08 13 05.0	1.5						S	08 52 06.0	- 1.9			
			P <sub>m</sub> Z			1.5	0.07				LN		Ms=4.7	12.0	1.2	
WMQ	48.8	290	PD	08 13 32.4	0.8						LE			9.0	0.9	
CD2	49.0	266	P	08 13 34.0	0.5						CD2	22.7	116	EP	08 48 13.8	3.9
GYA	50.8	259	P	08 13 47.8	0.6						S	08 52 13.0	- 0.8			
KMI	54.0	262	PC	08 14 12.2	0.6						LN		Ms=4.8	11.0	1.9	
			IS	08 21 46.0	1.7						XAN	24.4	103	EP	08 48 26.0	- 0.1
			LN		Ms=4.8	16.0	0.7				(S)	08 52 52.0	9.1			
LSA	57.0	275	P	08 14 34.1	0.4						SS	08 53 31.0	- 4.6			
											LN		Ms=4.6	14.0	1.1	
											LE			14.0	0.9	
1984 10 23																
O=08 43 06.6 +/- 0.15 SEC																
LAT=43.77 N +/- 3.30 KM																
LONG=80.00 E +/- 2.03 KM																
DEPTH=14 KM +/- 0.35 KM																
Ms(CHINA)=4.8/20, Msz(NEIS)=4.3																
mb(NEIS)=5.0,																
STATIONS USED=59, STAND DEV=2.74 SEC																
KSH	5.3	216	PNR	08 44 28.5	1.4						TIY	25.2	92	PC	08 48 34.0	0.2
											P <sub>m</sub> Z			2.0	0.7	
											S	08 53 03.5	7.1			
											XS	08 53 11.0	4.7			
											LG <sub>1</sub>	08 56 24.0	5.6			
											LG <sub>2</sub>	08 56 56.0	- 2.3			
											LN		Ms=5.5	9.0	2.0	
											LE			9.0	7.3	
											KMI	26.3	127	PD	08 48 45.5	1.5
											ES	08 53 15.0	0.6			
											LN		Ms=4.6	14.0	1.1	
											BJI	27.0	85	EP	08 48 50.0	- 0.8
											(S)	08 53 27.0	0.3			
											LG <sub>2</sub>	08 57 56.0	- 3.0			
											LN		Ms=4.6	12.0	1.0	



October

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	27.6	119	P	08 48 57.6	1.2			BTO	146.9	100	EPKP	19 12 51.2	0.5		
			PP	08 49 43.0	- 1.0			TIA	147.3	113	EPKP	19 12 50.8	- 0.5		
			S	08 53 41.0	4.4			HHC	147.9	101	PKP	19 12 54.5	2.2		
TIA	29.2	92	EP	08 49 10.0	- 0.7			BJI	149.7	107	EPKP	19 12 58.5	3.3		
WHN	30.2	104	P	08 49 19.0	0.1			<p>1984 10 23</p> <p>O=21 36 47.4 +/- 0.13 SEC</p> <p>LAT=20.40 S +/- 15.05 KM</p> <p>LONG=173.81 W +/- 9.89 KM</p> <p>DEPTH=111 KM +/- 0.95 KM</p> <p>mb(NEIS)=4.7</p> <p>STATIONS USED=11, STAND DEV=2.71 SEC</p>							
			LN		Ms=4.6	11.0	0.8	CN2	84.7	320	EP	21 49 11.0	0.3		
SNY	31.8	78	IPD	08 49 31.6	- 1.4			TIA	86.1	310	EP	21 49 18.6	0.6		
			ES	08 54 34.0	- 7.8			XAN	91.2	305	EP	21 49 43.0	0.8		
			LN		Ms=4.8	17.0	1.1	KMI	92.8	295	PD	21 49 52.5	2.8		
			LE			19.0	1.2	<p>1984 10 23</p> <p>O=22 07 16.9 +/- 0.94 SEC</p> <p>LAT=34.68 N +/- 1.68 KM</p> <p>LONG=70.49 E +/- 1.54 KM</p> <p>DEPTH=26 KM +/- 6.76 KM</p> <p>Ms(CHINA)=4.9/1, mb(NEIS)=4.8</p> <p>STATIONS USED=28, STAND DEV=2.00 SEC</p>							
CN2	32.5	73	PC	08 49 37.4	- 2.0			WMQ	16.1	50	P	22 11 01.6	- 2.3		
			ES	08 54 47.0	- 6.2						S	22 14 03.5	1.4		
			LN		Ms=5.1	9.0	1.7				LN			2.0	0.05
NJ2	32.5	97	PD	08 49 39.5	- 0.2						LE			2.5	0.09
			ES	08 54 50.0	- 3.7			LSA	18.2	100	EP	22 11 29.8	- 0.1		
			LN		Ms=4.7	11.0	0.8	GTA	23.8	69	IPD	22 12 31.9	2.7		
SSE	34.7	97	PD	08 49 58.0	- 0.7			CD2	28.1	88	EP	22 13 10.6	1.1		
			PmZ			1.0	0.03	KMI	29.4	100	EP	22 13 21.5	0.3		
			LN		Ms=4.7	12.0	0.8	GYA	32.1	94	EP	22 13 44.0	- 0.5		
MDJ	35.1	70	EP	08 50 02.5	0.3			<p>1984 10 23</p> <p>O=22 28 59.8 +/- 0.19 SEC</p> <p>LAT=13.73 N +/- 1.24 KM</p> <p>LONG=144.99 E +/- 1.52 KM</p> <p>DEPTH=125 KM +/- 1.85 KM</p> <p>mb(NEIS)=5.4</p> <p>STATIONS USED=109, STAND DEV=1.17 SEC</p>							
QZN	35.1	125	EP	08 50 03.5	1.3			NJ2	30.1	311	IPC	22 34 59.3	- 0.5		
<p>1984 10 23</p> <p>O=14 51 35.2 +/- 0.14 SEC</p> <p>LAT=13.53 N +/- 1.98 KM</p> <p>LONG=119.90 E +/- 1.93 KM</p> <p>DEPTH=59 KM +/- 0.57 KM</p> <p>mb(NEIS)=4.5</p> <p>STATIONS USED=13, STAND DEV=1.84 SEC</p>								<p>22 34 51.0 3.1</p>							
QZN	11.1	300	EP	14 54 10.8	- 3.0			GZH	31.4	291	PC	22 35 11.0	- 0.2		
SSE	17.5	3	EP	14 55 38.0	0.9			DL2	32.5	324	P	22 35 20.0	- 0.8		
TIA	22.7	354	EP	14 56 36.0	2.8			WHN	32.8	305	IPC	22 35 23.5	- 0.1		
CD2	22.8	321	(P)	14 56 37.4	3.3										
SNY	28.4	5	PD	14 57 25.0	- 1.3										
CN2	30.5	7	PC	14 57 43.6	- 2.0										
<p>1984 10 23</p> <p>O=18 53 12.5 +/- 0.16 SEC</p> <p>LAT=56.99 S +/- 4.72 KM</p> <p>LONG=25.02 W +/- 4.70 KM</p> <p>DEPTH=34 KM +/- 0.69 KM</p> <p>mb(NEIS)=4.6</p> <p>STATIONS USED=14, STAND DEV=2.38 SEC</p>															
NJ2	144.8	119	PKPC	19 12 45.6	- 1.5										
SSE	145.1	123	PKP	19 12 46.0	- 1.6										
TIY	146.1	106	EPKP	19 12 49.2	- 0.1										







October

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 10 24								1984 10 24							
O=02 04 07.3				+/- 0.99 SEC				O=05 30 13.7				+/- 0.22 SEC			
LAT=4.58 S				+/- 4.95 KM				LAT=3.13 N				+/- 1.02 KM			
LONG=102.05 E				+/- 5.03 KM				LONG=128.16 E				+/- 1.94 KM			
DEPTH=84 KM				+/- 5.92 KM				DEPTH=110 KM				+/- 2.27 KM			
mb(NEIS) = 4.9								mb(NEIS) = 4.9							
STATIONS USED=23, STAND DEV=1.88 SEC								STATIONS USED=41, STAND DEV=0.95 SEC							
QZN	24.7	17	EP	02 09 25.1	3.2			QZH	23.6	337	EP	05 35 16.0	0.8		
KMI	29.5	1	EP	02 10 07.5	1.0						S	05 39 23.5	5.4		
GYA	31.2	8	PD	02 10 21.4	0.4						S <sub>m</sub> N			10.0	1.2
QZH	33.5	27	EP	02 10 41.0	0.3			QZH	24.5	325	P	05 35 25.0	1.0		
			ES	02 16 00.0	4.7			WHN	30.2	335	EP	05 36 17.0	0.5		
CD2	35.3	2	EP	02 10 57.0	0.3			KMI	32.8	314	EP	05 36 39.5	0.2		
LZH	40.5	2	EP	02 11 41.0	1.1			TIA	34.5	344	P	05 36 52.3	- 0.8		
GTA	43.8	357	IPC	02 12 08.1	0.9			XAN	35.6	331	EP	05 37 02.3	- 0.6		
WMQ	49.9	346	P	02 12 54.5	- 0.3			CD2	36.0	322	EP	05 37 06.6	0.6		
CN2	52.6	21	PC	02 13 14.2	- 0.7			TIY	37.3	339	EP	05 37 19.1	1.8		
			P <sub>m</sub> Z			3.0	0.3	BJI	38.3	345	EP	05 37 25.0	- 0.5		
			(S)	02 20 33.0	- 1.2			LZH	39.7	328	EP	05 37 38.5	0.9		
			LE			12.0	0.2				P <sub>m</sub> Z			1.5	0.07
MDJ	54.8	23	PD	02 13 31.7	0.0			MDJ	41.3	1	EP	05 37 50.0	- 0.5		
1984 10 24								1984 10 24							
O=02 29 00.1				+/- 0.15 SEC				O=08 19 30.2				+/- 0.21 SEC			
LAT=24.35 S				+/- 1.38 KM				LAT=29.60 N				+/- 1.82 KM			
LONG=179.87 W				+/- 1.30 KM				LONG=80.17 E				+/- 1.24 KM			
DEPTH=485 KM				+/- 1.45 KM				DEPTH=41 KM				+/- 3.25 KM			
mb(NEIS) = 5.1								mb(NEIS) = 4.2							
STATIONS USED=60, STAND DEV=0.76 SEC								STATIONS USED=17, STAND DEV=1.44 SEC							
NJ2	81.0	311	IPC	02 40 26.2	0.8			LSA	9.6	86	PD	08 21 49.4	0.6		
MDJ	82.7	326	EP	02 40 33.7	- 0.1			CD2	20.4	80	EP	08 24 05.8	- 0.9		
WHN	83.4	307	P	02 40 37.0	- 0.1			KMI	20.5	97	EP	08 24 08.5	0.4		
SNY	84.1	321	IPC	02 40 40.9	0.3			GYA	23.6	91	P	08 24 40.8	2.4		
CN2	84.3	323	IPD	02 40 41.6	- 0.3			XAN	24.8	72	EP	08 24 49.6	- 0.4		
			P <sub>m</sub> Z			3.0	0.3	BTO	26.7	57	EP	08 25 08.0	0.5		
			S	02 50 23.0	- 3.7			1984 10 24							
TIA	84.6	313	P	02 40 43.9	0.5			O=21 18 03.7				+/- 0.15 SEC			
GYA	87.1	300	P	02 40 56.0	0.7			LAT=2.41 S				+/- 2.10 KM			
BJI	87.4	316	EP	02 40 57.0	0.2			LONG=138.38 E				+/- 2.14 KM			
TIY	88.6	312	PD	02 41 03.2	0.9			DEPTH=31 KM				+/- 0.34 KM			
			P <sub>m</sub> Z			1.2	0.1	mb(NEIS) = 5.0							
XAN	89.1	308	PD	02 41 05.3	0.5			STATIONS USED=24, STAND DEV=2.49							
KMI	89.6	297	PD	02 41 08.0	0.9										
CD2	91.4	303	EP	02 41 15.6	0.2										
LZH	93.7	307	EP	02 41 27.0	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
<p>O=00 27 14.9 +/- 0.11 SEC                      LAT=38.15 N +/- 1.26 KM                      LONG=106.36 E +/- 1.14 KM                      DEPTH=15 KM +/- 0.03 KM                      Ms(CHINA)=3.8/1, ML(CHINA)=4.2/13                      STATIONS USED=19, STAND DEV=2.00 SEC</p>								<p>1984 10 26                      O=02 05 40.3 +/- 0.04 SEC                      LAT=4.66 S +/- 0.45 KM                      LONG=139.27 E +/- 0.58 KM                      DEPTH=32 KM +/- 0.09 KM                      mb(NEIS)=4.8                      STATIONS USED=16, STAND DEV=0.66 SEC</p>							
LZH	2.9	225	EPN	00 28 02.5	1.0			XAN	48.0	325	P	02 14 18.9	0.3		
			PG	00 28 04.0	- 3.4			CN2	49.8	346	PC	02 14 31.8	- 0.9		
			SN	00 28 36.0	- 0.6			GTA	57.0	324	P	02 15 26.8	1.1		
			S <sub>m</sub> N		ML=4.5	0.5	2.0	<p>1984 10 26                      O=04 46 28.9 +/- 0.04 SEC                      LAT=41.63 N +/- 0.64 KM                      LONG=105.45 E +/- 0.30 KM                      DEPTH=0 KM +/- 0.01 KM                      ML(CHINA)=4.1/11                      STATIONS USED=16, STAND DEV=2.58 SEC</p>							
			S <sub>m</sub> E			0.5	1.9	BTO	3.6	105	EPN	04 47 32.1	4.8		
BTO	3.7	48	PN	00 28 13.3	- 0.4						PG	04 47 36.1	1.5		
			PG	00 28 23.6	0.5						SG	04 48 23.5	1.8		
			SG	00 29 12.9	0.7						S <sub>m</sub> N		ML=3.8	0.5	0.3
			S <sub>m</sub> N		ML=3.8	0.5	0.3				S <sub>m</sub> E			0.5	0.2
			S <sub>m</sub> E			0.5	0.2	HHC	4.7	97	EPN	04 47 45.6	3.0		
XAN	4.6	152	PN	00 28 23.6	- 2.1						PG	04 47 57.6	2.9		
			PG	00 28 37.0	- 1.6						SN	04 48 32.4	- 6.2		
			SG	00 29 32.4	- 6.4						SG	04 48 52.4	- 2.9		
			S <sub>m</sub> N		ML=3.9	0.8	0.2				S <sub>m</sub> N		ML=4.4	0.2	0.6
			S <sub>m</sub> E			0.8	0.2				S <sub>m</sub> E			0.6	0.6
TIY	4.8	93	EPN	00 28 26.0	- 3.0			GTA	4.8	244	EPN	04 47 47.6	2.7		
			PG	00 28 43.3	0.6						PG	04 48 05.6	8.6		
			SN	00 29 17.8	- 7.8						SN	04 48 45.8	3.2		
			SG	00 29 41.2	- 4.6						SG	04 49 09.5	9.2		
			S <sub>m</sub> N		ML=4.6	0.7	0.9				S <sub>m</sub> N		ML=3.8	0.7	0.1
			S <sub>m</sub> E			0.6	0.6				S <sub>m</sub> E			0.7	0.2
HHC	4.8	54	EPN	00 28 29.5	0.1			LZH	5.7	193	EPG	04 48 10.5	- 1.9		
			PG	00 28 45.4	2.2						SG	04 49 22.5	- 4.2		
			SG	00 29 41.2	- 5.4						S <sub>m</sub> N		ML=4.3	1.5	0.3
			S <sub>m</sub> N		ML=4.4	0.6	0.4				S <sub>m</sub> E			1.0	0.2
			S <sub>m</sub> E			0.6	0.6	<p>1984 10 26                      O=05 44 52.6 +/- 0.01 SEC                      LAT=39.65 N +/- 0.11 KM                      LONG=118.48 E +/- 0.11 KM                      DEPTH=0 KM                      ML(CHINA)=2.9/6</p>							
GTA	5.3	285	PN	00 28 33.2	- 2.3										
			PG	00 28 48.8	- 2.2										
			SN	00 29 35.0	- 2.1										
			SG	00 29 58.0	- 2.0										
			S <sub>m</sub> N		ML=4.2	1.0	0.2								
			S <sub>m</sub> E			0.8	0.3								
CDZ	7.5	197	EPN	00 29 07.6	0.4										
			ESB	00 30 49.6	8.5										
			S <sub>m</sub> N		ML=4.5	1.2	0.2								
			S <sub>m</sub> E			1.0	0.08								
BJI	7.9	73	EPN	00 29 15.5	3.8										
			LG <sub>1</sub>	00 31 17.5	- 4.3										
			LN		Ms=3.8	5.5	0.4								
WHN	10.1	136	EP	00 29 44.0	2.0										



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	
<b>STATIONS USED = 7 STAND DEV = 2.43SEC</b>																
BJI	1.8	283	EPG	05 45 28.0							S	06 51 13.0	- 5.5			
			SG	05 45 51.6							LN	Ms=5.1	13.0	1.2		
			S <sub>m</sub> N		ML=3.4	0.5	0.3				LE		15.0	2.5		
			S <sub>m</sub> E			0.5	0.4				PD	06 45 52.2	0.0			
TIA	3.6	197	EPG	05 46 01.1							P <sub>m</sub> Z		5.0	1.1		
			ESG	05 46 49.8							PP	06 47 17.0	4.4			
			S <sub>m</sub> N		ML=2.4	0.5	0.01				PCP	06 48 21.1	0.5			
			S <sub>m</sub> E			0.5	0.01				SCP	06 52 01.0	1.7			
CN2	6.7	49	EPG	05 46 55.0							S	06 51 16.5	- 5.2			
<b>1984 10 26</b>																
<b>O=06 39 00.2 +/- 0.36 SEC</b>																
<b>LAT=0.94 N +/- 1.32 KM</b>																
<b>LONG=122.18 E +/- 1.77 KM</b>																
<b>DEPTH=65 KM +/- 3.57 KM</b>																
<b>Ms(CHINA) = 4.8/13, mb(NEIS) = 5.5</b>																
<b>STATIONS USED = 102, STAND DEV = 1.39 SEC</b>																
QZH	23.6	339	PD	06 44 07.0	0.5						TIA	35.4	352			
			ES	06 48 18.0	4.8						PP <sub>m</sub> Z			5.0	1.1	
			S <sub>m</sub> N			9.0	2.3				PP	06 47 17.0	4.4			
			S <sub>m</sub> E			10.0	2.2				PCP	06 48 21.1	0.5			
QZH	24.1	352	IPR	06 44 12.0	0.9						S	06 51 16.5	- 5.2			
			P <sub>m</sub> N			3.5	1.6				S <sub>m</sub> N		10.0	1.0		
			P <sub>m</sub> Z			3.5	2.9				TIY	37.7	347			
			AP	06 44 27.0	0.9						IPR	06 46 12.0	0.6			
			S	06 48 23.5	2.0						P <sub>m</sub> Z		5.0	1.0		
			S <sub>m</sub> N			9.0	1.4				AP	06 46 28.0	0.8			
			S <sub>m</sub> E			9.0	1.1				PP	06 47 39.0	- 1.4			
			LN	Ms=4.8	30.0	4.9					PP <sub>m</sub> Z		6.0	0.9		
GYA	29.4	330	P	06 45 01.0	0.6						(S)	06 52 00.5	3.8			
WHN	30.4	346	PD	06 45 09.5	1.0						S <sub>m</sub> E		6.0	0.7		
KMI	30.5	323	PD	06 45 10.5	0.5						LN	Ms=5.1	19.0	2.7		
			AP	06 45 23.5	- 1.7						LE		15.0	1.1		
			XP	06 45 32.5	- 0.7						DL2	37.8	359			
			PP	06 46 11.0	- 0.2						P	06 46 12.0	- 0.2			
			S	06 50 10.5	4.6						S	06 51 57.0	- 1.1			
			S <sub>m</sub> E			9.0	1.0				LN	Ms=4.7	14.0	0.9		
NJ2	31.1	354	PD	06 45 15.8	0.8						LZH	38.9	336			
			IS	06 50 20.0	5.2						PD	06 46 22.0	0.4			
CD2	34.5	331	IPD	06 45 45.0	0.1						P <sub>m</sub> Z		2.5	0.3		
			P <sub>m</sub> Z			1.0	0.2				BJI	39.3	352			
			AP	06 46 02.0	1.4						EP	06 46 24.5	- 0.3			
			ES	06 51 09.0	0.4						P <sub>m</sub> N		5.0	0.4		
XAN	35.2	340	PD	06 45 49.4	- 1.0						P <sub>m</sub> E		4.5	0.8		
			XP	06 46 11.0	- 3.0						PP	06 47 56.0	- 3.5			
											ES	06 52 16.0	- 5.0			
											S <sub>m</sub> N		11.0	1.0		
											LE	Ms=4.4	11.0	0.3		
											SNY	40.7	1			
											IPD	06 46 36.0	- 0.6			
											P <sub>m</sub> Z		4.0	0.9		
											AP	06 46 51.5	- 1.0			
											PP	06 48 07.5	- 6.5			
											IS	06 52 42.5	0.2			
											LE	Ms=4.8	18.0	1.4		
											HHC	40.9	347			
											PD	06 46 38.6	0.6			
											XP	06 47 02.0	0.3			
											S	06 52 49.0	4.2			
											S <sub>m</sub> E		7.0	5.1		
											LN	Ms=5.2	20.0	2.8		
											LE		20.0	2.2		
											BTO	41.0	345			
											IPR	06 46 39.0	0.1			
											S	06 52 45.0	- 1.5			
											LN	Ms=5.2	17.0	2.6		







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
			P <sub>m</sub> Z			4.0	7.3				ES	09 01 48.0	-10.5		
			S	08 58 56.5	-1.8						LE		M <sub>s</sub> =5.8	16.0	14.0
			S <sub>m</sub> N			11.0	12.5	DL2	37.3	353	P	08 56 34.0	0.7		
			S <sub>m</sub> E			11.0	8.3				S	09 02 18.0	1.0		
WHN	30.9	339	PR	08 55 37.0	-1.1						LN		M <sub>s</sub> =5.8	14.0	8.6
			PP	08 56 43.0	3.1						LE			14.0	5.5
			PCP	08 58 35.0	2.0			TIY	38.1	342	I PR	08 56 40.0	0.1		
			LN		M <sub>s</sub> =6.0	20.0	19.1				P <sub>m</sub> Z			5.0	1.3
			LE			26.0	40.1				SCS	09 06 47.0	3		
NI2	31.0	347	PU	08 55 40.5	1.1						LN		M <sub>s</sub> =6.0	20.0	22.7
			AP	08 55 34.0	1.6			BJI	39.3	347	EP	08 56 49.0	-0.8		
			S	09 00 34.5	-5.3						P <sub>m</sub> N			5.0	1.2
			LE		M <sub>s</sub> =5.5	17.0	9.1				P <sub>m</sub> E			5.0	0.5
GYA	31.1	324	P	08 55 39.0	-0.9						P <sub>m</sub> Z			5.0	1.6
			XP	08 56 02.0	2.8						ES	09 02 45.0	-2.1		
			PP	08 56 44.0	1.8						S <sub>m</sub> N			10.0	2.5
			S	09 00 36.0	-4.6						LN		M <sub>s</sub> =5.7	22.0	10.4
			LN		M <sub>s</sub> =5.7	14.0	7.8				LE			20.5	5.5
			LE			14.0	7.5	SNY	40.1	356	PD	08 56 55.6	-0.6		
KMI	32.6	317	PR	08 55 53.0	-0.3						P <sub>m</sub> Z			4.0	4.0
			P <sub>m</sub> Z			4.0	1.3				PP	08 58 41.0	8.5		
			AP	08 56 09.0	2.9						S	09 02 56.0	-2.5		
			S	09 00 57.0	-7.6						LN		M <sub>s</sub> =5.7	22.0	6.0
			S <sub>m</sub> E			16.0	2.8				LE			19.5	9.7
			LN		M <sub>s</sub> =5.9	18.0	21.7	LZH	40.1	331	P	08 56 37.0	0.3		
TIA	36.4	347	EP	08 56 16.4	-1.0						P <sub>m</sub> Z			2.5	1.6
			PCP	08 58 47.8	2.2						AP	08 57 12.0	2.2		
			S	09 01 46.5	-1.5						ES	09 02 57.0	-2.4		
			S <sub>m</sub> N			11.1	3.1				S <sub>m</sub> E			7.0	2.2
			S <sub>m</sub> E			9.0	1.2				XS	09 03 25.0	3.2		
			SCP	09 02 31.2	5.8						LN		M <sub>s</sub> =6.0	16.0	13.1
			LN		M <sub>s</sub> =5.6	20.0	1.7				LE			17.0	10.8
			LE			26.0	13.1	HHC	41.2	342	I P	08 57 05.3	-0.7		
XAN	36.1	335	I PU	08 56 22.0	-1.1						P <sub>m</sub> Z			5.0	1.7
			P <sub>m</sub> Z			4.0	1.8				S	09 03 17.0	0.7		
			XP	08 56 45.0	2.3						LN		M <sub>s</sub> =5.8	20.0	9.6
			PP	08 57 39.0	-6.3						LE			20.0	10.0
			PP <sub>m</sub> Z			4.0	1.4	BTO	41.5	341	PU	08 57 08.0	0.0		
			S	09 01 55.0	-3.4						PP	08 58 49.0	2.1		
			S <sub>m</sub> N			13.0	5.3				S	09 03 24.0	4.1		
			S <sub>m</sub> E			8.0	2.1				LN		M <sub>s</sub> =5.9	20.0	15.0
			SS	09 04 30.0	7.4						LE			20.0	9.3
			LN		M <sub>s</sub> =5.8	16.0	5.3	CN2	42.0	359	I PD	08 57 11.4	-0.5		
			LE			20.0	15.9				P <sub>m</sub> N			4.0	0.9
CD2	36.1	325	P	08 56 21.3	-1.9						P <sub>m</sub> Z			4.0	1.3
			PP	08 57 37.0	-8.3						AP	08 57 29.0	-3.8		



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
			PP	08 58 52.0	- 0.3			TIA	35.4	347	EP	09 19 11.0	- 1.7		
			PP <sub>m</sub> Z			5.0	1.6	CD2	36.1	326	P	09 19 16.0	- 2.2		
			S	09 03 24.0	- 2.8			XAN	36.1	335	EP	09 19 16.0	- 2.3		
			S <sub>m</sub> N			10.0	2.6	BJI	39.3	347	EP	09 19 44.0	- 1.1		
			XS	09 03 53.0	3.5			SNY	40.1	356	IPC	09 19 51.8	0.2		
			ESS	09 06 28.0	- 0.8			CN2	42.0	359	PC	09 20 07.4	0.1		
			LN		M <sub>s</sub> =5.7	17.0	8.9	MDJ	42.9	3	EP	09 20 15.0	0.2		
MDJ	42.9	3	PC	08 57 19.0	- 0.3			LSA	43.5	313	EP	09 20 20.4	0.4		
			XP	08 57 38.0	- 1.1			GTA	44.7	330	P	09 20 27.4	- 1.7		
			S	09 03 38.0	- 2.0			WMQ	54.2	326	P	09 21 40.8	- 1.3		
			S <sub>m</sub> N			13.0	4.3								
LSA	43.5	313	P	08 57 26.0	0.8			1984 10 26							
			S	09 03 48.0	- 2.6			O=13 06 08.4	+/- 0.11 SEC						
			S <sub>m</sub> E			8.0	1.9	LAT=1.66 N	+/- 2.27 KM						
			SCS	09 07 14.0	- 1.8			LONG=126.05 E	+/- 3.90 KM						
			LN		M <sub>s</sub> =5.6	22.0	9.1	DEPTH=33 KM	+/- 0.03 KM						
GTA	44.7	330	PC	08 57 33.0	- 1.0			STATIONS USED=13, STAND DEV=1.99 SEC							
			AP	08 57 49.5	2.1			CD2	35.9	326	EP	13 13 07.2	- 1.1		
			S	09 03 57.0	9.4			XAN	36.0	335	EP	13 13 06.8	- 1.8		
			LE		M <sub>s</sub> =5.7	18.0	8.6	BJI	39.2	347	P	13 13 34.5	- 1.3		
WMQ	54.2	326	P	08 58 46.6	- 0.5			SNY	40.1	357	PC	13 13 42.2	- 0.3		
			S	09 06 20.0	0.8			CN2	42.0	359	E(P)	13 14 04.2	5.8		
			LN		M <sub>s</sub> =6.1	28.0	16.0	GTA	44.5	330	P	13 14 18.6	- 0.8		
			LE			24.0	13.1								
KSH	59.2	316	P	08 59 25.0	2.2			1984 10 26							
			XP	08 59 46.0	3.3			O=15 54 53.8	+/- 0.48 SEC						
			S	09 07 28.0	2.6			LAT=10.55 S	+/- 0.74 KM						
			S <sub>m</sub> E			9.0	4.3	LONG=166.06 E	+/- 1.99 KM						
			LE		M <sub>s</sub> =6.1	19.0	13.4	DEPTH=147 KM	+/- 4.11 KM						
								mb(NEIS)=5.0							
								STATIONS USED=12, STAND DEV=0.57 SEC							
								CN2	65.5	328	P	16 05 23.0	- 1.0		
											AP	16 05 55.0	- 3.7		
								XAN	70.0	312	P	16 05 51.6	- 0.6		
								CD2	72.5	307	EP	16 06 07.8	0.5		
								GTA	78.9	313	EP	16 06 44.5	1.0		
								1984 10 26							
								O=20 22 18.7	+/- 1.00 SEC						
								LAT=39.22 N	+/- 1.83 KM						
								LONG=71.31 E	+/- 1.20 KM						
								DEPTH=16 KM	+/- 6.75 KM						
								M <sub>s</sub> (CHINA)=6.3/30, M <sub>sz</sub> (NEIS)=6.1, mb(NEIS)=6.0							
								STATIONS USED=108, STAND DEV=1.30 SEC							
QZN	23.6	318	EP	09 17 28.8	2.3			KSH	3.6	84	IPN	20 23 19.0	3.2		
			AP	09 17 40.3	0.0						LN		M <sub>s</sub> =5.2	6.0	27.2
			XP	09 17 47.0	- 0.8										
			PP	09 18 01.5	1.9										
			ES	09 21 32.0	- 1.4										
			XS	09 21 58.5	1.6										
GYA	31.0	324	P	09 18 35.0	0.2										
NJ2	31.0	347	PC	09 18 35.3	0.5										
KMI	32.5	317	PC	09 18 48.5	0.3										



October



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	13.1	64	P	20 25 25.5	- 1.9			GYA	32.1	102	S	20 34 03.0	5.1		
			S	20 27 50.0	- 4.2						S <sub>m</sub> E			9.0	7.5
			LN	Ms=6.6	11.0	287.2	LN				Ms=6.3	12.0	34.8		
LSA	18.9	114	EP	20 26 42.0	0.4			BJI	34.3	74	P	20 28 48.0	0.0		
			S	20 30 02.5	- 6.7						PP	20 29 54.0	0.1		
			LE	Ms=6.0	10.2	40.5	S				20 34 00.0	0.9			
GTA	22.0	80	IPC	20 27 15.1	0.4			TIA	36.1	80	S <sub>m</sub> E			7.0	4.2
			P <sub>m</sub> Z			5.0	0.6				LN	Ms=6.1	14.0	23.6	
			IS	20 31 21.0	8.5						LE		14.0	13.9	
LZH	25.9	86	S <sub>m</sub> N			9.0	14.1	WHN	36.1	90	EP	20 29 06.0	- 0.8		
			PU	20 27 52.5	0.5						P <sub>m</sub> N		6.0	0.4	
			P <sub>m</sub> Z			6.5	8.1				P <sub>m</sub> E		6.0	1.1	
CD2	27.7	97	ES	20 32 15.0	- 4.3			DL2	38.7	74	P	20 29 43.8	0.1		
			LE	Ms=6.2	13.0	48.9					PP	20 31 17.0	1.4		
			P	20 28 09.7	0.9						S	20 35 36.0	- 3.8		
BTO	29.6	74	S	20 32 49.0	- 0.1			QZN	38.8	109	P	20 29 45.0	- 0.2		
			LE	Ms=5.2	12.0	4.2					P <sub>m</sub> Z		5.0	3.0	
			IPU	20 28 25.0	- 0.5						S	20 35 38.0	- 4.5		
KMI	29.9	108	S <sub>m</sub> N			7.0	1.7	HHC	30.7	73	S <sub>m</sub> E			6.0	1.9
			P <sub>m</sub> N			5.0	0.3					S <sub>m</sub> E		8.0	1.7
			P <sub>m</sub> E			5.0	1.8				LN	Ms=6.4	16.0	26.0	
XAN	30.5	87	P <sub>m</sub> Z			5.0	2.3	QZN	38.8	109	PU	20 29 45.0	- 0.2		
			S	20 33 20.0	1.0						LE		14.0	32.1	
			S <sub>m</sub> N			7.0	1.7				LE		14.0	32.1	
HHC	30.7	73	S <sub>m</sub> E			7.0	4.4	QZN	38.8	109	P	20 29 45.0	- 0.2		
			LN	Ms=6.3	12.0	36.5					P <sub>m</sub> Z		5.0	3.0	
			LE		12.0	31.5					S	20 35 38.0	- 4.5		
TIY	32.0	79	LN	Ms=6.3	12.0	36.5		QZN	38.8	109	S <sub>m</sub> N			8.0	3.7
			LE		12.0	31.5									
			IPD	20 28 47.5	0.1										







October

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>LONG=66.54 E +/- 2.37 KM            DEPTH=10 KM +/- 0.08 KM            Msz(NEIS) = 4.9, mb(NEIS) = 5.0            STATIONS USED=23, STAND DEV=1.52 SEC</p>								<p>P<sub>m</sub>Z 4.0 0.6            AP 09 09 23.0 0.7            S 09 14 28.0 - 6.1            LE Ms=4.9 15.0 1.7</p>							
CD2	58.0	37	EP	04 41 56.8	1.0			GYA	35.0	298	P	09 09 23.0	2.4		
WMQ	61.7	17	PC	04 42 20.0	- 1.1			BJI	35.1	326	EP	09 09 20.0	- 1.4		
GTA	62.5	28	EP	04 42 25.6	- 0.5						ES	09 14 50.0	- 0.8		
XAN	63.3	38	EP	04 42 31.8	- 0.1						LE	Ms=4.7	15.0	1.1	
<p>1984 10 27            O=08 10 11.7 +/- 0.32 SEC            LAT=12.38 N +/- 1.72 KM            LONG=140.85 E +/- 1.76 KM            DEPTH=58 KM +/- 3.30 KM            mb(NEIS) = 5.1            STATIONS USED=39, STAND DEV=1.31 SEC</p>								<p>TIY 35.7 319 EP 09 09 27.4 0.2            LN Ms=4.9 11.0 0.9            LE 11.0 0.6            XAN 36.1 311 EP 09 09 29.7 - 0.7            KMI 38.0 295 EP 09 09 50.0 3.2            CD2 38.8 304 P 09 09 54.0 1.2            LZH 40.8 311 EP 09 10 10.5 1.3            GTA 45.1 314 P 09 10 44.8 0.5            LE Ms=4.7 11.5 0.5            LSA 49.0 298 EP 09 11 17.1 1.4            WMQ 55.1 315 PD 09 12 01.0 - 0.1            P<sub>m</sub>Z 2.5 0.3            XP 09 12 15.5 - 0.4            ES 09 19 36.0 - 4.2            KSH 62.8 308 PR 09 12 59.0 4.5            ES 09 21 28.0 8.1</p>							
CN2	34.0	339	PC	08 16 52.0	- 0.5			<p>1984 10 27            O=09 55 41.3 +/- 0.12 SEC            LAT=12.01 S +/- 3.19 KM            LONG=65.57 E +/- 2.49 KM            DEPTH=9 KM +/- 0.22 KM            Ms(CHINA) = 5.2/4, Msz(NEIS) = 5.1, mb(NEIS) = 5.1            STATIONS USED=59, STAND DEV=1.70 SEC</p>							
GYA	35.0	298	PC	08 17 02.6	1.3			KMI	51.7	44	EP	10 04 56.0	4.1		
BJI	35.1	326	EP	08 17 01.5	- 0.3			KSH	52.1	10	EP	10 04 56.0	1.3		
TIY	35.8	319	EP	08 17 08.0	0.3						ES	10 12 16.0	- 2.0		
XAN	36.2	311	EP	08 17 10.0	- 0.9						LE	Ms=5.5	13.0	2.8	
KMI	38.1	294	PC	08 17 29.5	2.1			GYA	55.3	45	P	10 05 18.0	- 0.2		
CD2	38.9	304	P	08 17 34.6	1.2			CD2	56.3	39	P	10 05 24.0	- 1.1		
LZH	40.8	311	EP	08 17 49.5	- 0.2			WMQ	59.1	18	P	10 05 44.1	- 1.1		
GTA	45.1	314	P	08 18 25.4	0.6			LZH	59.9	35	EP	10 05 49.5	- 1.5		
WMQ	55.2	315	P	08 19 41.5	0.1			GTA	60.3	30	P	10 05 52.8	- 0.5		
<p>1984 10 27            O=09 02 29.5 +/- 0.44 SEC            LAT=12.37 N +/- 2.12 KM            LONG=140.77 E +/- 2.16 KM            DEPTH=37 KM +/- 4.37 KM            Ms(CHINA) = 4.9/9, mb(NEIS) = 5.2            STATIONS USED=57, STAND DEV=1.94 SEC</p>								<p>ES 10 14 09.5 3.0            LE Ms=5.1 18.0 1.3            XAN 61.6 40 P 10 06 00.4 - 1.8            WHN 63.2 46 EP 10 06 16.0 3.6            TIY 66.1 39 EP 10 06 29.0 - 2.9</p>							
QZH	24.4	303	P	09 07 46.0	0.1										
			ES	09 11 56.0	- 4.6										
			LE	Ms=5.1	10.0	2.9									
TIA	31.9	322	EP	09 08 53.5	- 0.5										
			LN	Ms=4.7	36.0	1.9									
			LE		32.0	2.2									
SNY	33.0	336	EP	09 09 04.0	0.7										
			PP	09 10 10.5	- 3.0										
			S	09 14 09.0	- 9.1										
			LN	Ms=4.9	30.0	2.5									
			LE		29.0	2.3									
CN2	34.0	339	EP	09 09 12.0	- 0.2										







October

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 10 27</p> <p>O=18 32 41.9 +/- 0.31 SEC</p> <p>LAT=12.33 N +/- 1.47 KM</p> <p>LONG=140.81 E +/- 1.70 KM</p> <p>DEPTH=57 KM +/- 3.24 KM</p> <p>Ms(CHINA)=4.5/2, Msz(NEIS)=4.6, mb(NEIS)=5.2</p> <p>STATIONS USED=40, STAND DEV=1.44 SEC</p>								<p>SN 13 53 25.8 - 3.0</p> <p>SG 13 53 28.4 - 1.5</p> <p>S<sub>m</sub>E ML=2.9 0.2 0.1</p> <p>TIY 2.4 177 EPG 13 53 19.9 2.9</p> <p>SG 13 53 50.9 2.6</p> <p>S<sub>m</sub>N ML=2.9 0.4 0.09</p> <p>S<sub>m</sub>E 0.5 0.05</p> <p>BJI 3.0 90 PG 13 53 30.0 2.3</p> <p>ESG 13 54 09.5 2.7</p>												
SSE	26.0	318	EP	18 38 10.7	- 1.2															
			LN		Ms = 4.5	18.0	1.3													
CN2	34.0	339	EP	18 39 22.6	- 0.5															
			ES	18 44 34.0	- 9.9															
			LN		Ms = 4.6	13.0	0.7													
GYA	35.0	298	P	18 39 34.0	2.4															
BJI	35.1	326	EP	18 39 32.0	- 0.4															
TIY	35.8	319	EP	18 39 38.5	0.3															
XAN	36.2	311	P	18 39 40.4	- 1.0															
KMI	38.1	295	EP	18 40 00.0	2.3															
HHC	38.3	323	EP	18 40 00.2	1.1															
CD2	38.9	304	P	18 40 05.0	1.2															
BTO	39.0	321	P	18 40 06.7	1.3															
GTA	45.1	314	P	18 40 56.2	1.0															
WMQ	55.2	315	PD	18 42 12.5	0.6															
<p>1984 10 28</p> <p>O=10 55 24.1 +/- 0.14 SEC</p> <p>LAT=12.41 N +/- 0.83 KM</p> <p>LONG=141.00 E +/- 0.80 KM</p> <p>DEPTH=73 KM +/- 1.40 KM</p> <p>mb(NEIS)=4.7</p> <p>STATIONS USED=13, STAND DEV=0.60 SEC</p>								<p>1984 10 29</p> <p>O=07 56 21.6 +/- 0.21 SEC</p> <p>LAT=23.00 N +/- 1.44 KM</p> <p>LONG=120.48 E +/- 1.66 KM</p> <p>DEPTH=33 KM +/- 0.30 KM</p> <p>mb(NEIS)=4.2, ML(CHINA)=3.7/5</p> <p>STATIONS USED=14, STAND DEV=2.98 SEC</p>												
BJI	35.2	325	EP	11 02 13.0	- 0.3			QZH	2.6	318	EP	07 57 02.7	0.7							
XAN	36.3	311	EP	11 02 21.5	- 1.2						S	07 57 34.5	1.8							
CD2	39.0	304	P	11 02 45.7	0.5						S <sub>m</sub> N	ML=3.5	1.0	0.3						
BTO	39.1	321	EP	11 02 47.0	0.7						S <sub>m</sub> E		0.8	0.2						
GTA	45.2	314	IPD	11 03 36.6	0.3						LN		6.5	1.4						
WMQ	55.3	315	P	11 04 52.5	- 0.4			SSE	8.1	4	EP	07 58 20.5	0.9							
<p>1984 10 28</p> <p>O=13 52 33.3 +/- 0.77 SEC</p> <p>LAT=40.11 N +/- 0.12 KM</p> <p>LONG=112.29 E +/- 0.08 KM</p> <p>DEPTH=8 KM +/- 7.39 KM</p> <p>ML(CHINA)=2.9/4</p> <p>STATIONS USED=5, STAND DEV=3.24 SEC</p>								<p>LN</p>										1.4	0.6	
BTO	1.8	286	PN	13 53 05.2	0.0			<p>1984 10 29</p> <p>O=09 25 38.7 +/- 0.47 SEC</p> <p>LAT=24.30 N +/- 2.11 KM</p> <p>LONG=125.21 E +/- 2.47 KM</p> <p>DEPTH=59 KM +/- 4.11 KM</p> <p>Ms(CHINA)=4.4/15, mb(NEIS)=5.0</p> <p>STATIONS USED=75, STAND DEV=1.86 SEC</p>												
			PG	13 53 06.2	0.0			QZH	6.1	277	EP	09 27 05.5	- 2.4							
<p>1984 10 28</p> <p>O=13 52 33.3 +/- 0.77 SEC</p> <p>LAT=40.11 N +/- 0.12 KM</p> <p>LONG=112.29 E +/- 0.08 KM</p> <p>DEPTH=8 KM +/- 7.39 KM</p> <p>ML(CHINA)=2.9/4</p> <p>STATIONS USED=5, STAND DEV=3.24 SEC</p>								<p>LN</p>										Ms=4.3	6.0	1.8
								NJ2	9.5	325	EP	09 27 58.3	2.2							
											ES	09 29 48.5	5.6							
											LN	Ms=4.4	11.0	2.8						
								GZH	10.9	266	EP	09 28 15.8	0.6							
											LN	Ms=4.1	20.0	1.8						
								WHN	11.5	305	P	09 28 22.0	- 0.4							
											LG <sub>1</sub>	09 31 35.0	- 4.1							
											LE	Ms=4.3	13.0	2.0						
								TIA	13.8	331	EP	09 28 55.5	2.7							
											LN	Ms=4.6	12.6	2.4						
											LE		12.6	1.2						



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
DL2	14.9	349	P	09 29 12.0	4.8			1984 10 29							
			ES	09 32 02.0	11.0			O=15 47 46.8			+/-	1.08 SEC			
			LN		Ms=4.5	11.0	1.2	LAT=24.02 N			+/-	6.25 KM			
			LE			11.0	1.2	LONG=125.59 E			+/-	5.12 KM			
QZN	15.2	252	EP	09 29 08.4	- 3.3			DEPTH=24 KM			+/-	6.97 KM			
XAN	17.2	308	EP	09 29 37.0	0.2			Ms(CHINA)=4.1/9, mb(NEIS)=4.8							
			LN		Ms=4.3	12.0	1.1	STATIONS USED=31, STAND DEV=2.98 SEC							
TIY	17.3	323	EP	09 29 38.9	1.4			QZH	6.4	279	EPN	15 49 19.3	- 3.5		
			LN		Ms=4.7	14.0	2.7				ESN	15 50 29.0	- 7.7		
			LE			13.0	0.6				LN		Ms=3.8	12.0	1.1
BJI	17.4	336	EP	09 29 39.0	- 0.6			NJ2	10.0	324	EP	15 50 11.0	- 0.9		
			ES	09 32 51.0	1.0						LN		Ms=4.2	13.0	1.6
			LN		Ms=4.5	12.0	1.5	DL2	15.2	348	P	15 51 24.8	2.6		
			LE			13.0	0.9				ES	15 54 14.0	3.1		
SNY	17.5	355	IPD	09 29 40.8	0.0						LN		Ms=4.2	10.0	0.6
			ES	09 32 53.0	1.0						LE			10.0	0.6
			LN		Ms=4.6	16.0	2.0	XAN	17.6	308	EP	15 51 51.3	- 1.8		
			LE			14.0	1.5	TIY	17.7	323	EP	15 51 54.0	0.3		
CN2	19.5	0	PC	09 30 00.6	- 2.8						LN		Ms=4.3	13.0	1.0
			ES	09 33 31.0	- 3.6			SNY	17.8	355	PD	15 51 54.9	- 0.5		
			S <sub>m</sub> E			7.0	0.4				ES	15 55 06.0	- 5.4		
			LN		Ms=4.4	14.0	1.2				LN		Ms=4.0	16.0	0.7
HHC	20.1	328	PD	09 30 09.4	- 0.9			CN2	19.7	359	EP	15 52 15.0	- 2.9		
CD2	20.1	293	EP	09 30 09.4	- 1.1						S	15 55 45.0	- 8.9		
KMI	20.4	276	EP	09 30 15.5	1.4						LE		Ms=4.1	13.0	0.6
MDJ	20.6	8	EP	09 30 16.5	1.1			HHC	20.5	328	EP	15 52 24.0	- 2.2		
BTO	20.6	325	EP	09 30 16.0	- 0.2			CD2	20.5	294	EP	15 52 24.4	- 2.2		
LZH	21.8	307	EP	09 30 27.5	- 0.8			KMI	20.8	277	EP	15 52 29.0	- 0.6		
			P <sub>m</sub> Z			2.0	0.09	GTA	26.6	311	P	15 53 23.0	- 3.1		
GTA	26.2	311	IPC	09 31 08.6	- 1.6						AP	15 53 32.2	- 1.3		
WMQ	36.3	311	P	09 32 38.0	- 0.8			WMQ	36.7	311	P	15 54 52.0	- 2.6		
								1984 10 29							
								O=12 51 06.8			+/-	0.25 SEC			
								LAT=19.15 S			+/-	1.51 KM			
								LONG=168.73 E			+/-	2.53 KM			
								DEPTH=43 KM			+/-	1.93 KM			
								mb(NEIS)=4.5							
								STATIONS USED=28, STAND DEV=1.54 SEC							
MDJ	72.8	331	EP	13 02 33.0	- 0.6			XAN	17.8	307	EP	17 39 07.0	- 3.4		
TIA	73.6	318	EP	13 02 37.4	- 0.5			CN2	19.7	359	EP	17 39 31.0	- 0.9		
CN2	74.1	328	PC	13 02 40.0	- 1.3			GTA	26.8	311	P	17 40 38.3	- 2.9		
GYA	75.4	305	P	13 02 48.8	0.2										
XAN	77.7	312	P	13 03 00.8	- 0.8			1984 10 29							
KMI	77.8	302	PC	13 03 03.0	0.5			O=17 47 50.8			+/-	0.15 SEC			
CD2	79.8	307	P	13 03 13.6	0.5			LAT=42.48 N			+/-	1.22 KM			
								LONG=138.73 E			+/-	1.32 KM			



October

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
<b>DEPTH=250 KM +/- 1.44 KM</b> <b>mb(NEIS) = 4.2</b> <b>STATIONS USED=19, STAND DEV=1.17 SEC</b>								<b>1984 10 29</b> <b>O=23 18 03.8 +/- 0.34 SEC</b> <b>LAT=5.75 N +/- 1.65 KM</b> <b>LONG=125.62 E +/- 2.20 KM</b> <b>DEPTH=149 KM +/- 3.33 KM</b> <b>mb(NEIS) = 5.9</b> <b>STATIONS USED=120, STAND DEV=1.62 SEC</b>							
MDJ	7.0	290	PD	17 49 32.0	- 0.1			GTA	54.6	290	P	23 14 10.7	0.2		
CN2	9.8	282	PD	17 50 07.0	- 0.9			WMQ	58.5	301	P	23 14 39.0	0.7		
SNY	11.3	271	EP	17 50 27.1	0.6			KMI	62.6	276	EP	23 15 06.0	- 0.7		
TIA	17.8	256	EP	17 51 42.8	- 1.2			LSA	66.5	288	PC	23 15 33.0	1.3		
XAN	24.8	260	EP	17 52 52.8	0.9										
<b>1984 10 29</b> <b>O=22 43 17.4 +/- 0.12 SEC</b> <b>LAT=43.96 N +/- 2.01 KM</b> <b>LONG=147.23 E +/- 1.11 KM</b> <b>DEPTH=105 KM +/- 0.34 KM</b> <b>mb(NEIS) = 4.8</b> <b>STATIONS USED=34, STAND DEV=1.01 SEC</b>								<b>1984 10 29</b> <b>O=23 04 40.6 +/- 0.09 SEC</b> <b>LAT=51.19 N +/- 2.64 KM</b> <b>LONG=179.43 E +/- 1.04 KM</b> <b>DEPTH=22 KM +/- 0.14 KM</b> <b>Ms(CHINA) = 4.6/1, Msz(NEIS) = 5.2</b> <b>mb(NEIS) = 5.2</b> <b>STATIONS USED=63, STAND DEV=1.13 SEC</b>							
MDJ	12.7	279	EP	22 46 15.8	0.8			QZH	20.2	341	IPU	23 22 29.0	- 0.3		
CN2	15.7	277	EP	22 46 53.7	- 0.4						P <sub>m</sub> N		6.0	19.3	
HHC	26.4	275	EP	22 48 48.4	2.1						P <sub>m</sub> E		6.0	12.9	
CD2	36.5	263	P	22 50 15.6	1.0						P <sub>m</sub> Z		6.0	21.4	
WMQ	42.1	291	P	22 51 02.0	1.1						XP	23 23 13.5	- 1.8		
<b>1984 10 29</b> <b>O=23 04 40.6 +/- 0.09 SEC</b> <b>LAT=51.19 N +/- 2.64 KM</b> <b>LONG=179.43 E +/- 1.04 KM</b> <b>DEPTH=22 KM +/- 0.14 KM</b> <b>Ms(CHINA) = 4.6/1, Msz(NEIS) = 5.2</b> <b>mb(NEIS) = 5.2</b> <b>STATIONS USED=63, STAND DEV=1.13 SEC</b>								<b>1984 10 29</b> <b>O=23 04 40.6 +/- 0.09 SEC</b> <b>LAT=51.19 N +/- 2.64 KM</b> <b>LONG=179.43 E +/- 1.04 KM</b> <b>DEPTH=22 KM +/- 0.14 KM</b> <b>Ms(CHINA) = 4.6/1, Msz(NEIS) = 5.2</b> <b>mb(NEIS) = 5.2</b> <b>STATIONS USED=63, STAND DEV=1.13 SEC</b>							
MDJ	33.5	278	EP	23 11 21.0	- 0.1						S	23 26 05.0	2.0		
CN2	36.5	279	PU	23 11 46.0	- 0.6						S <sub>m</sub> N		9.5	22.0	
			P <sub>m</sub> Z			4.0	0.3				LN		13.0	12.8	
			EPP	23 13 11.0	0.9			QZN	20.3	312	IPU	23 22 31.0	1.4		
			PP <sub>m</sub> Z			7.0	0.5				P <sub>m</sub> Z		5.0	6.4	
			ES	23 17 25.0	- 2.3						S	23 26 06.5	3.0		
			LN			Ms=4.6	13.0 0.7				S <sub>m</sub> E		11.5	80.1	
SNY	38.7	278	EP	23 12 05.7	0.5						SS	23 26 48.0	3.7		
DL2	41.6	276	EP	23 12 25.0	- 4.2						SCP	23 30 01.5	3.1		
BJI	44.3	281	EP	23 12 52.5	1.2						PCS	23 30 20.0	6.4		
TIA	46.1	276	PC	23 13 06.2	0.8						SCS	23 33 43.0	3.0		
NJ2	47.7	270	EP	23 13 18.2	0.1						LN		15.0	65.7	
WHN	51.6	272	EP	23 13 48.5	0.8						LE		16.0	61.0	
XAN	52.6	279	EP	23 13 54.9	- 0.7			GZH	20.9	326	IPU	23 22 37.0	0.9		
LZH	54.4	285	EP	23 14 09.5	0.7						P <sub>m</sub> N		5.0	17.8	
			P <sub>m</sub> Z			1.5	0.1				P <sub>m</sub> E		5.0	14.9	
											P <sub>m</sub> Z		5.0	24.6	
											IS	23 26 19.0	3.4		
											S <sub>m</sub> N		7.0	3.7	
											S <sub>m</sub> E		10.0	5.3	
											LN		9.0	22.4	
											LE		10.0	17.8	
								WHN	26.8	338	P	23 23 33.2	0.6		
											AP	23 24 04.0	0.7		
											XP	23 24 20.0	- 0.9		
											PP	23 24 26.0	1.6		
											PP <sub>m</sub> Z		10.0	8.3	
											IS	23 27 59.0	2.6		
											S <sub>m</sub> E		8.0	7.8	



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			ISCS	23 34 08.0	2.3						XS	23 30 19.0	- 0.4		
			LN			16.0	13.0				LN			12.0	27.3
NJ2	26.9	347	IPU	23 23 33.5	0.2						LE			9.0	27.5
			P <sub>m</sub> Z			7.0	3.8	DL2	33.2	354	IPU	23 24 29.0	0.2		
			AP	23 24 00.0	- 4.0						P <sub>m</sub> N			5.0	3.3
			IS	23 28 00.0	2.3						P <sub>m</sub> Z			5.0	5.0
			XS	23 28 52.0	0.3						AP	23 25 00.0	- 0.5		
			SCP	23 30 18.4	2.3						XP	23 25 15.0	- 2.8		
			SCS	23 34 11.4	5.4						PP	23 25 49.0	4.6		
GYA	27.4	320	PU	23 23 39.0	1.1						S	23 29 38.5	1.7		
			AP	23 24 10.0	1.5						XS	23 30 31.0	- 1.4		
			S	23 28 09.0	3.1						LN			10.0	9.2
			LN			9.0	34.3				LE			10.0	19.8
			LE			9.0	42.5	TIY	34.0	341	IPU	23 24 35.5	- 0.3		
KMI	29.2	313	PD	23 23 55.0	1.0						P <sub>m</sub> Z			5.0	3.4
			P <sub>m</sub> Z			5.0	2.5				AP	23 25 08.5	1.0		
			AP	23 24 28.5	3.8						XP	23 25 24.0	- 0.8		
			IS	23 28 37.0	2.6						PP	23 25 53.0	- 0.6		
			S <sub>m</sub> N			8.0	9.2				S	23 29 46.5	- 2.9		
			S <sub>m</sub> E			8.0	10.1				S <sub>m</sub> E			10.0	5.1
			SCP	23 30 22.0	- 1.1						SCP	23 30 42.0	2.6		
TIA	31.3	346	PC	23 24 11.6	- 0.8						SS	23 32 02.5	- 3.6		
			P <sub>m</sub> Z			6.0	3.7				LN			9.0	13.0
			S	23 29 07.0	- 0.2						LE			9.0	15.3
			S <sub>m</sub> N			8.8	4.1	BJI	35.2	347	EP	23 24 45.0	- 0.6		
			S <sub>m</sub> E			8.8	6.8				P <sub>m</sub> Z			5.0	4.5
			XS	23 30 03.0	0.5						AP	23 25 15.5	- 2.1		
			SCP	23 30 32.2	2.1						XP	23 25 33.0	- 2.0		
			SCS	23 34 30.9	4.5						PCP	23 27 15.0	1.7		
			LN			10.0	11.7				ES	23 30 05.0	- 2.3		
			LE			10.0	17.5				S <sub>m</sub> E			9.0	5.0
XAN	32.1	333	IPC	23 24 18.0	- 1.6						EXS	23 31 01.0	- 2.1		
			P <sub>m</sub> Z			6.0	3.7				ESCS	23 34 52.0	5.4		
			AP	23 24 51.5	0.6						LN			12.0	5.2
			XP	23 25 04.0	- 4.5						LE			11.0	6.9
			PP	23 25 30.0	- 0.9										
			PP <sub>m</sub> Z			5.0	4.4	SNY	36.0	357	IPC	23 24 52.0	- 0.3		
			S	23 29 15.0	- 5.2						P <sub>m</sub> Z			4.5	10.6
			S <sub>m</sub> N			6.0	4.4				AP	23 25 24.0	- 0.4		
			SS	23 31 16.0	- 8.0						XP	23 25 38.0	- 3.7		
			LN			10.0	15.7				PP	23 26 24.5	7.8		
CD2	32.4	323	P	23 24 21.2	- 0.5						IS	23 30 19.0	- 0.4		
			P <sub>m</sub> Z			4.0	5.8				S <sub>m</sub> N			7.5	4.4
			AP	23 24 54.0	0.9						S <sub>m</sub> E			8.0	8.7
			IS	23 29 20.5	- 3.5						XS	23 31 12.5	- 2.9		
			S <sub>m</sub> N			5.0	6.2				LN			7.0	3.9
											LE			13.0	18.2



October

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	36.2	329	EP	23 24 54.5	0.0						XS	23 31 59.0	- 1.0		
			P <sub>m</sub> Z			6.0	5.8	LSA	40.3	310	EP	23 25 30.0	1.3		
			AP	23 25 24.0	- 2.5						S	23 31 25.6	0.2		
			PP	23 26 15.0	- 4.6						S <sub>m</sub> N			8.0	13.5
			IS	23 30 24.0	0.6						S <sub>m</sub> E			9.0	12.7
			S <sub>m</sub> E			8.0	9.5				XS	23 32 22.0	0.6		
			XS	23 31 15.0	- 4.2						SS	23 34 32.0	9.6		
			LE			8.0	27.0				LE			12.0	3.1
HHC	37.1	342	P	23 25 01.8	- 0.5			GTA	40.8	328	IPC	23 25 32.9	0.2		
			AP	23 25 35.0	0.6						P <sub>m</sub> Z			6.0	2.5
			XP	23 25 55.0	3.3						SCP	23 31 07.0	2.2		
			PP	23 26 40.0	8.6						IS	23 31 30.7	- 1.8		
			S	23 30 38.0	0.4						S <sub>m</sub> E			8.0	2.8
			S <sub>m</sub> N			8.0	2.4				XS	23 32 27.0	- 2.1		
			S <sub>m</sub> E			8.0	6.4				LE			10.0	19.8
			XS	23 31 37.0	3.4			WMQ	50.4	324	P	23 26 48.0	- 0.8		
			SS	23 33 17.5	3.1						P <sub>m</sub> Z			4.0	3.7
			SCS	23 35 03.0	5.5						AP	23 27 24.0	1.7		
BTO	37.4	340	IPU	23 25 04.0	- 0.6						XP	23 27 38.0	- 1.2		
			AP	23 25 38.0	1.3						SCP	23 31 46.0	1.5		
			PP	23 26 35.0	0.5						S	23 33 50.0	0.2		
			S	23 30 36.0	- 5.6						S <sub>m</sub> E			10.0	9.0
			S <sub>m</sub> N			7.0	2.1				IXS	23 34 53.0	4.5		
			S <sub>m</sub> E			7.0	5.3				ISCS	23 36 20.0	- 0.5		
			XS	23 31 36.0	- 1.7						LN			17.0	35.0
			LN			10.0	12.6				LE			15.0	30.3
			LE			10.0	3.8	KSH	55.8	314	PU	23 27 29.0	0.5		
CN2	37.9	359	IPC	23 25 07.6	- 0.9						IS	23 35 06.0	3.5		
			P <sub>m</sub> Z			5.0	5.4				S <sub>m</sub> N			8.0	10.2
			AP	23 25 39.0	- 1.8										
			XP	23 25 55.0	- 3.0										
			PP	23 26 41.0	0.9										
			PP <sub>m</sub> Z			6.0	8.0								
			PCP	23 27 22.0	0.5										
			S	23 30 48.0	- 0.7										
			SCP	23 30 54.0	0.5										
			PCS	23 31 08.0	- 0.9										
			ESS	23 33 33.2	1.9										
			SCS	23 35 04.0	2.3										
			LE			14.0	16.2								
MDJ	38.9	4	IPC	23 25 17.2	0.6										
			P <sub>m</sub> Z			6.0	14.7								
			AP	23 25 48.2	- 0.7										
			XP	23 26 04.0	- 2.1										
			IS	23 31 06.0	2.7										
			S <sub>m</sub> Z			11.0	19.1								
<p>1984 10 29</p> <p>O=23 50 46.1      +/- 0.08 SEC</p> <p>LAT=18.84 S      +/- 2.42 KM</p> <p>LONG=67.42 E      +/- 1.13 KM</p> <p>DEPTH=9 KM      +/- 0.10 KM</p> <p>mb(NEIS)=5.4</p> <p>STATIONS USED=31, STAND DEV=0.79 SEC</p>															
			KMI	55.6	39	PD	24 00 26.0	0.8							
			GYA	59.0	41	P	24 00 49.2	0.1							
			WMQ	65.1	16	P	24 01 30.0	0.2							
			GTA	65.4	27	IPC	24 01 32.2	0.3							
			XAN	65.8	37	P	24 01 32.8	- 1.6							
			WHN	66.7	43	P	24 01 41.0	0.9							
			TIY	70.4	36	EP	24 02 03.5	0.2							
			NJ2	70.6	44	PD	24 02 04.2	- 0.3							
			TIA	72.1	40	EP	24 02 13.6	- 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
HHC	72.2	33	P	24 02 14.3	0.4						XP	01 18 47.0	0.2		
BJ1	74.1	36	EP	24 02 25.5	0.2						S	01 27 57.0	0.2		
CN2	81.8	38	PC	24 03 06.8	- 1.2						S <sub>m</sub> N			10.0	4.3
											S <sub>m</sub> E			10.0	3.6
											XS	01 29 02.0	3.2		
											IPU	01 17 54.8	- 1.1		
											P <sub>m</sub> N			6.0	1.5
											P <sub>m</sub> E			6.0	1.5
											P <sub>m</sub> Z			6.0	7.4
											AP	01 18 29.0	- 2.4		
											XP	01 18 44.0	- 3.1		
											S	01 27 55.0	- 2.4		
											S <sub>m</sub> N			9.0	2.4
											S <sub>m</sub> E			9.0	3.2
											XS	01 28 55.0	- 4.4		
											ESS	01 33 20.0	- 1.3		
											IPC	01 17 56.0	- 0.5		
											P <sub>m</sub> Z			5.0	6.3
											PCP	01 18 03.0	2.1		
											AP	01 18 34.8	2.7		
											XP	01 18 47.5	- 0.3		
											IS	01 28 00.0	- 1.3		
											S <sub>m</sub> N			7.0	4.1
											S <sub>m</sub> E			9.0	4.7
											IPU	01 18 02.0	1.0		
											P <sub>m</sub> Z			7.0	5.4
											AP	01 18 37.0	0.4		
											XP	01 18 50.0	- 2.3		
											ES	01 28 11.0	3.5		
											S <sub>m</sub> N			11.0	1.5
											S <sub>m</sub> E			11.0	2.1
											IPU	01 18 03.0	- 0.8		
											P <sub>m</sub> Z			5.0	1.5
											XP	01 18 56.0	0.9		
											SKS	01 28 07.0	- 1.0		
											IS	01 28 15.0	1.9		
											S <sub>m</sub> E			12.0	4.2
											LE			15.0	1.6
											EP	01 18 04.5	- 0.8		
											P <sub>m</sub> N			7.0	1.0
											P <sub>m</sub> E			6.0	1.9
											P <sub>m</sub> Z			6.0	4.9
											AP	01 18 40.0	- 1.0		
											PP	01 21 17.0	- 4.4		
											S	01 28 17.0	1.0		
											S <sub>m</sub> N			10.0	2.9

1984 10 30  
 O=01 05 49.4 +/- 0.42 SEC  
 LAT=17.14 S +/- 3.40 KM  
 LONG=173.91 W +/- 2.45 KM  
 DEPTH=145 KM +/- 3.65 KM  
 mb(NEIS)=6.0  
 STATIONS USED=115, STAND DEV=1.70 SEC



October



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 <sub>m</sub> E			10.0	5.7				SKS	01 28 53.0	- 3.5		
			LN			30.0	3.3				LE			20.0	3.2
			LE			46.0	9.1				IPU	01 18 46.1	0.9		
BJI	86.3	313	IPU	01 18 17.0	0.1			CD2	92.3	301	P <sub>m</sub> Z			6.0	4.2
			P <sub>m</sub> Z			5.0	6.9				XP	01 19 35.0	- 1.8		
			AP	01 18 56.0	3.2						SKS	01 29 07.0	5.1		
			XP	01 19 10.0	1.7			LZH	93.9	306	IPC	01 18 52.5	0.1		
			S	01 28 28.0	-10.8						P <sub>m</sub> Z			6.5	2.4
			S <sub>m</sub> N			11.0	5.4				PP	01 22 35.0	- 6.7		
			S <sub>m</sub> E			10.0	4.0				ESKS	01 29 10.0	- 0.7		
			LN			16.0	1.2				LE			14.0	1.5
TIY	88.0	310	IPU	01 18 26.0	0.9			GTA	97.9	308	IPC	01 19 12.2	1.5		
			P <sub>m</sub> Z			6.0	6.1				SKS	01 29 36.0	3.4		
			PP	01 21 49.5	- 5.2						S <sub>m</sub> E			8.5	2.5
			PP <sub>m</sub> Z			6.0	2.8	LSA	102.5	297	PDIF	01 19 32.5	0.8		
			SKS	01 28 33.0	- 3.4						XP	01 20 27.5	4.6		
GYA	88.4	298	PU	01 18 29.0	1.8						SKS	01 30 00.0	5.5		
			XP	01 19 20.0	1.4						S	01 31 05.5	5.1		
-XAN	89.2	305	IPU	01 18 31.0	0.0						S <sub>m</sub> E			10.0	1.9
			P <sub>m</sub> Z			6.0	4.4	KSH	116.1	305	PKPD	01 24 20.0	3.6		
			AP	01 19 09.4	2.4			1984 10 30							
			XP	01 19 23.0	0.5			O=08 03 25.6 +/- 0.18 SEC							
			PP	01 22 00.0	- 4.8			LAT=5.69 N +/- 2.93 KM							
			PP <sub>m</sub> Z			8.0	2.7	LONG=119.37 E +/- 4.63 KM							
			ISKS	01 28 50.0	5.9			DEPTH=32 KM +/- 0.08 KM							
			S	01 29 09.0	2.6			STATIONS USED=7, STAND DEV=2.93 SEC							
			S <sub>m</sub> N			10.0	1.8	CD2	29.1	331	EP	08 15 22.0	- 4.3		
HHC	89.8	313	IPU	01 18 35.0	1.1			BJI	34.4	355	EP	08 16 11.0	- 1.4		
			P <sub>m</sub> Z			6.0	4.2	BTO	35.8	347	EP	08 16 28.0	3.2		
			AP	01 19 09.0	- 0.8			1984 10 30							
			XP	01 19 23.0	- 2.3			O=13 06 44.1 +/- 0.39 SEC							
			PP	01 22 04.0	- 5.6			LAT=5.77 N +/- 1.13 KM							
			S	01 29 10.0	- 2.0			LONG=125.77 E +/- 2.17 KM							
			LN			7.0	6.4	DEPTH=136 KM +/- 4.19 KM							
BTO	90.8	312	IPU	01 18 39.0	0.5			mb(NEIS)=4.9							
			P <sub>m</sub> N			6.0	1.0	STATIONS USED=48, STAND DEV=1.37 SEC							
			P <sub>m</sub> E			6.0	1.4	QZN	20.4	311	EP	13 11 11.0	- 0.8		
			P <sub>m</sub> Z			6.0	4.2				ES	13 14 47.5	0.2		
			SKS	01 28 58.0	4.4			WHN	26.9	337	EP	13 12 18.0	3.6		
			S	01 29 21.0	0.2			NJ2	26.9	346	PD	13 12 15.0	0.2		
			S <sub>m</sub> N			9.0	6.1	KMI	29.3	313	PC	13 12 36.0	- 0.2		
			S <sub>m</sub> E			9.0	1.7				AP	13 13 08.5	3.9		
KMI	91.3	295	IPU	01 18 42.0	1.0			TIA	31.3	346	EP	13 12 53.0	- 1.0		
			P <sub>m</sub> Z			5.0	4.5	XAN	32.2	333	P	13 13 00.0	- 1.5		
			AP	01 19 18.5	1.7										
			XP	01 19 30.0	- 2.3										



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
CD2	32.4	323	P	13 13 04.0	0.2			<b>mb(NEIS) = 5.2</b>							
BJI	35.2	347	EP	13 13 27.0	- 0.2			<b>STATIONS USED= 15, STAND DEV=0.92 SEC</b>							
			SCP	13 19 26.0	- 0.6			MDJ	83.0	326	EP	15 24 04.0	0.2		
			SCS	13 23 33.0	3.4			CN2	84.7	323	PD	15 24 11.4	- 0.5		
SNY	36.0	357	PC	13 13 34.0	0.3			TIA	85.0	213	PC	15 24 13.7	0.2		
LZH	36.3	329	P	13 13 36.5	0.0			XAN	89.5	308	P	15 24 35.0	0.2		
			P <sub>m</sub> Z			1.6	0.06	CD2	91.8	303	EP	15 24 47.0	1.5		
CN2	57.9	359	PC	13 13 49.4	- 0.4			<b>1984 10 30</b>							
MDJ	38.8	4	PC	13 13 59.0	1.2			<b>O= 16 15 06.9 +/- 0.58 SEC</b>							
GTA	40.9	328	P	13 14 14.9	0.3			<b>LAT= 36.07 N +/- 3.03 KM</b>							
			PCP	13 16 13.8	1.1			<b>LONG= 140.73 E +/- 4.27 KM</b>							
			SCP	13 19 48.6	0.6			<b>DEPTH= 88 KM +/- 3.07 KM</b>							
WMQ	50.5	324	P	13 15 30.8	- 0.1			<b>mb(NEIS) = 4.8</b>							
			AP	13 16 03.0	1.2			<b>STATIONS USED= 15, STAND DEV= 1.66 SEC</b>							
			SCP	13 20 27.5	- 0.3			MDJ	12.0	318	EP	16 17 56.5	- 0.4		
<b>1984 10 30</b>								CN2	14.0	308	PC	16 18 27.0	4.0		
<b>O= 14 39 45.3 +/- 0.56 SEC</b>								TIA	19.1	277	EP	16 19 23.0	- 2.1		
<b>LAT= 39.61 N +/- 5.08 KM</b>								BJI	19.7	288	EP	16 19 30.0	- 2.1		
<b>LONG= 16.06 E +/- 3.31 KM</b>								XAN	26.1	274	P	16 20 34.2	- 0.1		
<b>DEPTH= 233 KM +/- 4.01 KM</b>								GTA	32.3	288	P	16 21 29.5	- 0.9		
<b>mb(NEIS) = 4.9</b>								LSA	41.8	275	PD	16 22 52.2	2.3		
<b>STATIONS USED= 12, STAND DEV= 2.18 SEC</b>								<b>1984 10 30</b>							
GTA	62.2	60	P	14 49 46.0	1.1			<b>O= 17 20 27.1 +/- 1.13 SEC</b>							
CN2	75.4	44	PD	14 51 06.0	0.2			<b>LAT= 31.92 S +/- 2.85 KM</b>							
<b>1984 10 30</b>								<b>LONG= 177.32 W +/- 2.67 KM</b>							
<b>O= 15 09 36.2 +/- 0.06 SEC</b>								<b>DEPTH= 9 KM +/- 7.60 KM</b>							
<b>LAT= 33.84 N +/- 0.45 KM</b>								<b>Ms(CHINA) = 5.6/12, Msz(NEIS) = 5.8, mb(NEIS) = 5.1</b>							
<b>LONG= 104.22 E +/- 0.77 KM</b>								<b>STATIONS USED= 39, STAND DEV= 2.08 SEC</b>							
<b>DEPTH= 0 KM</b>								QZH	83.3	304	EP	17 32 58.0	1.6		
<b>ML(CHINA) = 2.9/1</b>											S	17 43 10.0	- 6.5		
<b>STATIONS USED= 4, STAND DEV= 3.55 SEC</b>											SKS	17 43 18.0	4.4		
LZH	2.3	352	EPG	15 10 21.0	- 0.9						LE		Ms=5.4	20.0	1.7
			SG	15 10 53.0	5.9			NJ2	87.7	310	EP	17 33 20.0	1.9		
			S <sub>m</sub> N		ML=2.9	2.0	0.1				ES	17 43 50.0	- 9.1		
			S <sub>m</sub> E			1.0	0.06	MDJ	90.2	325	EP	17 33 35.0	4.8		
CD2	2.9	187	PG	15 10 33.2	- 0.9						SKS	17 44 05.0	6.8		
XAN	3.9	85	PG	15 10 46.0	- 1.6						S	17 44 27.0	4.5		
			SG	15 11 35.1	- 3.7						LN		Ms=5.7	20.0	2.9
<b>1984 10 30</b>								DL2	90.5	316	EP	17 33 34.0	2.7		
<b>O= 15 12 27.4 +/- 0.31 SEC</b>											ES	17 44 20.0	- 4.7		
<b>LAT= 24.54 S +/- 2.82 KM</b>											LN		Ms=5.1	16.0	0.6
<b>LONG= 179.52 W +/- 3.65 KM</b>								SNY	91.3	320	PR	17 33 39.5	4.1		
<b>DEPTH= 474 KM +/- 1.63 KM</b>											SKS	17 44 09.0	4.2		
											S	17 44 34.0	1.5		



October

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 <sub>m</sub> N			18.0	2.0								
			S <sub>m</sub> E			17.0	0.8								
			LN		Ms=5.5	24.0	1.6								
			LE			24.0	1.0								
TIA	91.4	312	EP	17 33 34.2	- 1.6										
			LN		Ms=5.7	15.0	1.5								
			LE			12.0	0.9								
CN2	91.7	322	P	17 33 33.0	- 4.1										
			P <sub>m</sub> Z			4.0	0.3								
			LE		Ms=5.7	20.0	3.0								
BJI	94.4	315	EP	17 33 48.0	- 1.5										
			ESKS	17 44 21.0	- 1.1										
			(S)	17 44 57.0	- 2.3										
			LN		Ms=5.6	20.0	1.2								
			LE			20.0	1.6								
XAN	95.5	306	EP	17 33 55.4	0.9										
			SKS	17 44 32.0	4.0										
			S	17 45 15.0	6.3										
1984 10 30								1984 10 30							
			O=20 33 39.0	+/- 4.68 SEC							O=22 55 25.6	+/- 0.09 SEC			
			LAT=31.09 S	+/- 8.29 KM							LAT=39.16 N	+/- 1.22 KM			
			LONG=176.73 W	+/- 9.75 KM							LONG=71.18 E	+/- 1.31 KM			
			DEPTH=32 KM	+/- 32.07 KM							DEPTH=35 KM	+/- 0.36 KM			
Ms(CHINA)=5.1/1, Msz(NEIS)=5.5, mb(NEIS)=5.4								mb(NEIS)=4.1							
STATIONS USED=14, STAND DEV=0.75 SEC								STATIONS USED=9, STAND DEV=1.50 SEC							
NJ2	87.5	309	EP	20 46 25.6	0.0			KSH	3.7	83	IP	22 56 24.5	1.9		
			S	20 57 02.0	- 1.5						S	22 57 15.0	8.8		
MDJ	89.8	324	EP	20 46 37.0	0.4						LN			4.0	2.3
SNY	91.0	319	EP	20 46 41.6	- 0.6			WMQ	13.2	64	EP	22 58 34.0	0.2		
			SKS	20 57 11.0	2.2			GTA	22.1	80	P	23 00 20.0	- 0.2		
			S	20 57 39.0	3.4			1984 10 31							
			S <sub>m</sub> N			14.0	0.9	O=01 28 05.1			+/- 0.09 SEC				
TIA	91.2	312	PD	20 46 43.9	0.6			LAT=39.74 N			+/- 1.01 KM				
CN2	91.3	322	P	20 46 44.0	0.2			LONG=118.44 E			+/- 0.95 KM				
			SKS	20 57 14.0	3.3			DEPTH=14 KM			+/- 0.02 KM				
			ES	20 57 39.0	0.5			ML(CHINA)=3.4/10							
			S <sub>m</sub> N			8.0	0.5	STATIONS USED=11, STAND DEV=2.46 SEC							
			LE		Ms=5.1	18.0	0.7	BJI	1.8	280	PG	01 28 40.2	2.7		
BJI	94.2	314	EP	20 46 55.0	- 1.7						SG	01 29 04.3	3.5		
			ESKS	20 57 29.0	2.4						S <sub>m</sub> N		ML=3.7	0.5	0.9
			ES	20 58 05.0	1.8						S <sub>m</sub> E			0.5	0.7
			EXS	20 58 17.0	- 2.0			DL2	2.6	107	PG	01 28 54.7	2.1		
XAN	95.4	306	EP	20 47 01.8	- 0.5						S <sub>m</sub> N		ML=2.9	0.8	0.07
			SKS	20 57 38.0	4.7						S <sub>m</sub> E			0.8	0.05
			S	20 58 16.0	2.3			SNY	4.4	60	EPG	01 29 32.6	- 0.3		
											SG	01 30 25.2	1.5		
											S <sub>m</sub> N		ML=3.5	1.0	0.09
											S <sub>m</sub> E			1.0	0.07
								TIY	5.1	248	EPB	01 29 29.7	- 4.9		
											SG	01 30 43.8	- 1.6		
											S <sub>m</sub> N		ML=3.6	0.6	0.09
											S <sub>m</sub> E			0.6	0.05
								CN2	6.6	49	EPG	01 30 08.0	2.1		
											SG	01 31 29.5	- 3.2		
											S <sub>m</sub> N		ML=3.9	1.0	0.07
											S <sub>m</sub> E			1.0	0.07
								1984 10 31							
			O=04 40 04.3	+/- 0.30 SEC							O=04 40 04.3	+/- 0.30 SEC			
			LAT=51.25 N	+/- 2.62 KM							LAT=51.25 N	+/- 2.62 KM			
			LONG=179.50 E	+/- 1.03 KM							LONG=179.50 E	+/- 1.03 KM			
			DEPTH=59 KM	+/- 2.65 KM							DEPTH=59 KM	+/- 2.65 KM			
								Ms(CHINA)=4.8/5, mb(NEIS)=5.1							



STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
<b>STATIONS USED=78, STAND DEV=1.10 SEC</b>								<b>O=14 09 46.9 +/- 0.05 SEC</b>							
MDJ	33.5	278	PD	04 46 40.0	- 1.0			<b>LAT=37.24 N +/- 0.40 KM</b>							
CN2	36.5	279	EP	04 47 05.0	- 1.4			<b>LONG=71.50 E +/- 0.39 KM</b>							
			PP	04 48 27.0	- 3.8			<b>DEPTH=112 KM +/- 0.70 KM</b>							
			PP <sub>m</sub> Z			5.0	0.5	<b>mb(NEIS)=4.7</b>							
			ES	04 52 44.0	- 0.2			<b>STATIONS USED=9, STAND DEV=0.51 SEC</b>							
			ESS	04 55 05.0	- 6.4			KSH	4.2	56	EP	14 10 50.0	0.1		
			LN		Ms=4.8	17.0	1.3				ES	14 11 34.0	- 4.0		
SNY	38.7	278	EP	04 47 25.0	0.1			WMQ	14.0	56	EP	14 13 00.3	- 0.7		
			ES	04 53 26.0	8.1			GTA	22.3	75	IPC	14 14 37.0	0.9		
			LN		Ms=4.7	20.0	0.8	1984 10 31							
			LE			21.0	0.8	<b>O=18 42 50.1 +/- 0.05 SEC</b>							
DL2	41.6	276	EP	04 47 51.0	2.1			<b>LAT=28.92 N +/- 0.63 KM</b>							
BJI	44.4	281	EP	04 48 11.0	0.0			<b>LONG=105.36 E +/- 0.57 KM</b>							
TIA	46.1	276	EP	04 48 25.0	- 0.1			<b>DEPTH=0 KM +/- 0.01 KM</b>							
HHC	46.7	284	PU	04 48 31.0	1.3			<b>ML(CHINA)=3.2/4</b>							
NJ2	47.8	270	PD	04 48 37.4	- 0.4			<b>STATIONS USED=10, STAND DEV=3.22 SEC</b>							
BTO	47.8	285	EP	04 48 39.0	0.7			CD2	2.4	325	EPN	18 43 33.2	1.5		
TIY	48.1	281	EP	04 48 41.6	1.0						ESN	18 44 07.3	4.7		
			P <sub>m</sub> Z			1.0	0.04				S <sub>m</sub> N		ML=3.6	0.5	0.3
			LN		Ms=4.8	14.0	0.6				S <sub>m</sub> E			0.6	0.4
			LE			14.0	0.6	GYA	2.7	154	PN	18 43 35.8	0.0		
WHN	51.6	272	PD	04 49 07.2	- 0.1						PG	18 43 43.2	3.7		
XAN	52.6	279	EP	04 49 14.0	- 1.2						SG	18 44 16.4	1.5		
LZH	54.4	285	EP	04 49 28.0	- 0.3						S <sub>m</sub> N		ML=2.1	1.0	0.01
			P <sub>m</sub> Z			2.5	0.2				S <sub>m</sub> E			1.0	0.01
GTA	54.6	290	P	04 49 30.0	0.1			XAN	5.9	29	PN	18 44 19.7	- 1.9		
CD2	58.0	280	P	04 49 53.6	- 0.1						PG	18 44 42.7	4.4		
WMQ	58.5	301	P	04 49 57.0	- 0.6						SN	18 45 26.4	- 5.0		
GYA	59.3	274	EP	04 50 03.0	0.1						SG	18 45 59.4	3.3		
LSA	66.5	288	EP	04 50 52.4	1.5						S <sub>m</sub> N		ML=3.6	1.0	0.04
KSH	67.8	305	EP	04 50 58.0	- 0.7						S <sub>m</sub> E			1.2	0.06

1984 10 31