

中国地震台网观测报告

BULLETIN OF SEISMOLOGICAL
OBSERVATIONS OF CHINESE STATIONS

1984

下册



国家地震局地球物理研究所编

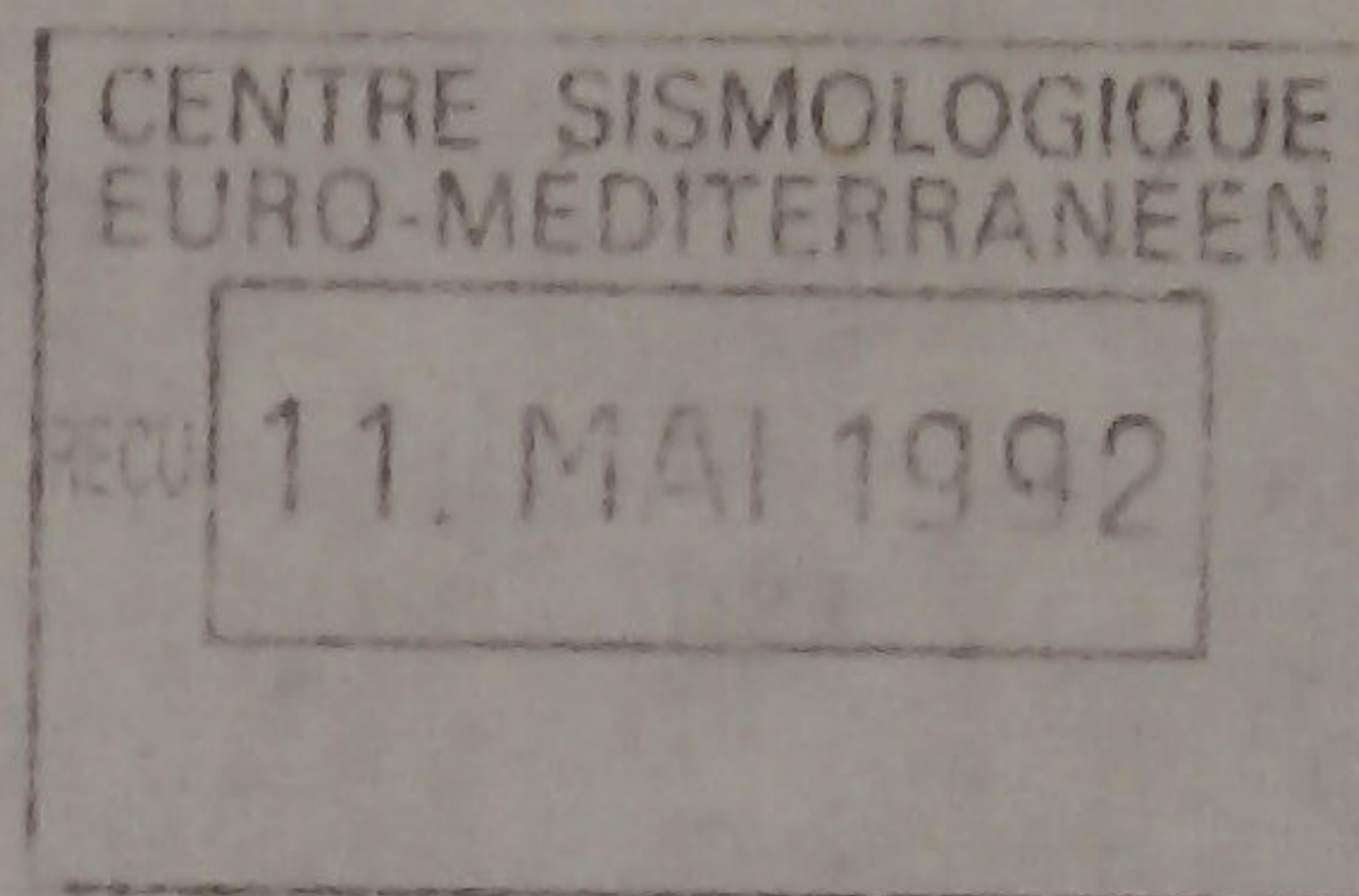
地震出版社出版

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中国 北京

国家地震局地球物理研究所

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INSTITUTE OF GEOPHYSICS
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June

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 6 1 O=01 42 31.3 +/- 0.06 SEC LAT=32.02 N +/- 0.63 KM LONG=118.91 E +/- 0.89 KM DEPTH=15 KM +/- 0.01 KM ML(CHINA)=2.8/6 STATIONS USED=7, STAND DEV=1.50 SEC</p>															
NJ2	0.1	308	PG	01 42 36.2	2.2										
			SG	01 42 39.0	3.0										
			S _m N		ML=2.5	0.2	1.4								
			S _m E			0.2	1.1								
SSE	2.1	114	EPN	01 43 10.8	3.5										
			PG	01 43 11.6	1.0										
			SG	01 43 37.9	- 0.8										
			S _m N		ML=2.9	0.6	0.1								
			S _m E			0.6	0.05								
TIA	4.4	340	EPG	01 43 54.3	2.0										
			ESG	01 44 51.8	1.3										
<p>1984 6 1 O=04 51 07.7 +/- 0.14 SEC LAT=37.63 N +/- 2.67 KM LONG=20.99 E +/- 3.12 KM DEPTH=23 KM +/- 0.01 KM mb(NEIS)=4.6 STATIONS USED=17, STAND DEV=2.47 SEC</p>															
GD2	66.6	68	EP	05 02 00.5	1.2										
XAN	68.7	62	EP	05 02 10.0	- 2.6										
KMI	68.9	74	PD	05 02 13.5	- 0.2										
GYA	71.2	70	P	05 02 28.0	0.7										
CN2	74.0	46	PC	05 02 43.9	- 0.1										
<p>1984 6 1 O=05 54 50.3 +/- 0.10 SEC LAT=53.64 N +/- 3.23 KM LONG=159.24 E +/- 4.38 KM DEPTH=93 KM +/- 0.01 KM mb(NEIS)=5.2 STATIONS USED=43, STAND DEV=0.79 SEC</p>															
MDJ	21.3	256	EP	05 59 31.5	0.6										
			AP	05 59 54.0	3.8										
			PP	06 00 04.0	5.3										
			PP _m Z			1.0	0.2								
			S	06 03 24.0	7.3										
CN2	24.2	259	PD	05 59 58.2	- 0.9										
			P _m Z			3.0	0.3								
			AP	06 00 21.5	2.3										
			ES	06 04 03.0	- 4.7										
			XS	06 04 44.0	1.2										
			LN			14.0	0.4								
			LE			14.0	0.4								
SNY	26.4	258	EP	06 00 19.5	- 1.1										
			AP	06 00 44.5	3.4										
			ES	06 04 43.0	- 2.7										
			XS	06 05 24.0	2.3										
			LN			16.0	0.6								
DL2	29.5	255	EP	06 00 48.0	0.0										
			AP	06 01 08.0	- 0.8										
			ES	06 05 31.0	- 3.4										
			XS	06 06 13.0	2.1										
BJI	31.9	262	EP	06 01 08.5	- 1.0										
			EPCP	06 03 57.5	0.1										
TIA	33.9	256	P	06 01 26.0	- 0.9										
			IPCP	06 04 02.2	- 0.7										
HHC	34.1	267	EP	06 01 28.7	- 0.2										
BTO	35.2	268	EP	06 01 37.7	- 0.4										
TIY	35.7	262	EP	06 01 41.5	- 0.1										
			LE			12.0	0.4								
NJ2	36.0	249	EP	06 01 45.0	0.8										
			IPCP	06 04 09.2	0.4										
WHN	39.6	252	EP	06 02 16.5	1.7										
			PCP	06 04 21.0	0.8										
XAN	40.2	261	EP	06 02 19.1	- 0.8										
LZH	41.8	268	PD	06 02 33.5	0.3										
			P _m Z			2.0	0.1								
GTA	42.0	275	P	06 02 35.5	0.7										
			P _m Z			0.8	0.08								
			SCP	06 08 10.2	1.7										
			S	06 08 45.2	- 1.9										
			SCS	06 12 25.6	1.0										
CD2	45.5	263	EP	06 03 02.5	- 0.3										
WMQ	45.3	288	IPD	06 03 09.4	0.3										
			P _m Z			1.5	0.2								
			PCP	06 04 42.5	- 0.1										
			S	06 09 47.5	- 1.2										
			SCS	06 12 50.5	- 0.9										
GYA	47.1	256	P	06 03 16.6	1.1										
KMI	50.4	258	IPD	06 03 42.0	0.9										
			AP	06 04 05.5	2.5										
			ES	06 10 51.0	4.5										
			LE			12.0	0.4								

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1984 6 1											LN	Ms=4.5	16.0	1.1			
O=09 35 26.4			+/-	0.15 SEC							LE		19.0	1.1			
LAT=6.38 S			+/-	0.88 KM				SSE	24.5	247	PU	12 18 03.0	1.3				
LONG=151.14 E			+/-	1.00 KM							P _m Z			1.2	0.05		
DEPTH=63 KM			+/-	1.29 KM							XP	12 18 16.0	2.3				
mb(NEIS)=4.9											IXS	12 22 32.5	1.4				
STATIONS USED=23, STAND DEV=1.15 SEC											ESS	12 23 13.0	1.1				
TIA	53.0	325	EP	09 44 39.8	0.0						LE	Ms=4.4	15.0	0.9			
BJI	56.3	328	P	09 45 02.5	-1.2			TIA	24.5	262	PC	12 18 02.6	0.3				
XAN	56.6	318	EP	09 45 05.6	-0.6						AP	12 18 12.6	2.1				
GD2	58.5	312	P	09 45 20.0	0.6						S	12 22 20.0	1.3				
CTA	65.7	318	PP	09 46 07.5	0.1						S _m N			10.0	0.6		
WMQ	75.8	318	EP	09 47 08.5	0.2						S _m E			10.0	0.6		
1984 6 1											LN	Ms=4.3	14.0	0.4			
O=12 12 43.5			+/-	0.50 SEC							LE			14.0	0.6		
LAT=43.82 N			+/-	1.53 KM				NJ2	25.5	252	PC	12 18 12.0	0.7				
LONG=147.73 E			+/-	2.24 KM							P _m Z			5.0	0.4		
DEPTH=28 KM			+/-	4.82 KM							AP	12 18 21.8	2.2				
Ms(CHINA)=4.6/15, Msz(NESIS)=4.6, mb(NEIS)=5.3											XS	12 22 50.0	1.7				
STATIONS USED=71, STAND DEV=1.25 SEC											HHC	26.8	276	PD	12 18 23.8	0.5	
MDJ	13.0	279	EP	12 15 49.7	-0.1						S	12 22 52.0	-3.9				
			PP	12 15 59.0	-1.1						XS	12 23 07.0	-2.4				
			S	12 18 19.0	4.0						LE	Ms=4.6	15.0	1.3			
			LE			16.0	3.9				TIY	27.3	269	EP	12 18 28.0	0.1	
CN2	16.1	277	PU	12 16 28.0	-1.5						AP	12 18 38.5	2.4				
			P _m Z			2.0	0.2				S	12 23 11.5	7.4				
			AP	12 16 36.0	-0.2						S _m E			8.0	0.5		
			ES	12 19 20.0	-7.0						LE	Ms=4.6	17.0	1.5			
			LE			14.0	2.2			BTO	28.0	276	P	12 18 34.0	-0.2		
SNY	17.8	271	EP	12 16 50.5	-0.7						ES	12 23 15.0	-0.2				
			ES	12 20 13.0	6.3						LN	Ms=4.7	16.0	0.6			
			LN			16.0	1.0				LE			16.0	1.5		
			LE			20.0	2.6				WHN	29.5	254	IPC	12 18 47.5	-0.3	
DL2	20.2	264	P	12 17 17.9	-0.7						XAN	31.5	265	EPC	12 19 04.6	-0.9	
			P _m E			5.0	0.6				LZH	34.2	272	IPC	12 19 29.5	0.4	
			P _m Z			5.0	0.7							P _m Z		1.5	0.2
			AP	12 17 22.5	-3.9						AP	12 19 38.0	0.6				
			XP	12 17 32.0	1.4						LE	Ms=4.6	15.0	0.9			
			S	12 21 02.0	3.3						GZH	35.0	245	PC	12 19 36.2	0.3	
BJI	23.7	271	EP	12 17 53.0	-1.1						GTA	35.7	279	IPC	12 19 42.5	0.5	
			P _m E			5.0	0.3				ES	12 25 16.3	-0.3				
			P _m Z			6.0	0.4				LN	Ms=4.7	12.5	0.5			
			ES	12 22 06.5	2.3						LE			13.0	0.6		
			S _m N			9.0	0.3				CD2	36.8	264	P	12 19 51.5	0.0	
			S _m E			10.0	0.3							P _m Z		0.7	0.09
											AP	12 20 00.5	0.6				

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
GYA	37.3	256	P	12 19 55.6	- 0.3						LN		Ms=3.8	13.0	0.4	
KMI	40.9	257	IPC	12 20 26.0	0.1			BJI	16.4	311	EP	14 57 32.0	2.0			
			P _m Z			2.0	0.2	HHC	19.8	308	EP	14 58 10.8	- 1.3			
			AP	12 20 36.0	1.8			XAN	20.0	287	EP	14 58 11.4	- 2.8			
			PP	12 22 06.0	2.7			GYA	22.7	267	EP	14 58 42.2	1.0			
			ES	12 26 36.0	- 0.3			LZH	24.4	291	EP	14 58 56.5	- 1.2			
			XS	12 26 53.0	3.0			CD2	24.4	279	EP	14 58 57.4	- 0.6			
			LE		Ms=4.7	16.0	0.8	GTA	28.0	298	EP	14 59 29.8	- 1.5			
WMQ	42.5	291	IPC	12 20 39.0	0.7			1984 6 1								
LSA	46.6	272	PC	12 21 13.0	1.1			O=15 47 35.6	+/- 0.08 SEC							
1984 6 1								LAT=40.36 N	+/- 1.20 KM							
O=12 29 27.7	+/- 0.09 SEC							LONG=78.97 E	+/- 1.36 KM							
LAT=31.98 N	+/- 1.65 KM							DEPTH=32 KM	+/- 0.01 KM							
LONG=50.51 E	+/- 2.37 KM							Ms(CHINA)=4.6/2, Msz(NEIS)=4.7, ML(CHINA)=4.7/4								
DEPTH=33 KM	+/- 0.01 KM							STATIONS USED=33, STAND DEV=1.48 SEC								
Ms(CHINA)=4.8/2, mb(NEIS)=5.0									KSH	2.5	249	EPN	15 48 15.0	0.4		
STATIONS USED=43, STAND DEV=1.52 SEC												LE	Ms=4.9	5.0	18.5	
KSH	21.9	63	EP	12 34 23.0	2.4			WMQ	7.4	59	EPN	15 49 23.8	0.2			
			ES	12 38 23.0	6.7						SN	15 50 47.8	0.9			
			LN		Ms=5.3	13.0	7.7				S _m N		ML=4.6	1.2	0.3	
WMQ	31.4	57	EP	12 35 48.2	- 0.1						S _m E			1.2	0.2	
LSA	34.8	82	PD	12 36 19.6	1.1			LSA	14.6	133	EP	15 51 03.2	1.2			
GTA	40.3	65	P	12 37 04.4	0.2			GTA	16.0	86	EP	15 51 19.4	- 1.2			
			LN		Ms=4.4	13.0	0.3				LG ₂	15 56 30.0	5.4			
LZH	43.9	69	EP	12 37 34.0	0.0						LE	Ms=4.3	6.0	0.5		
			P _m Z			2.0	0.06	LZH	20.0	94	EP	15 52 10.0	1.5			
KMI	46.0	84	PC	12 37 51.0	0.3						P _m Z			1.8	0.04	
BTO	47.9	62	EP	12 38 04.5	- 1.1			CD2	22.2	107	EP	15 52 32.8	1.9			
XAN	48.5	70	EP	12 38 08.0	- 1.5			BTO	23.6	79	EP	15 52 45.9	1.4			
GYA	48.9	81	P	12 38 17.6	4.8			XAN	24.6	95	EP	15 52 54.6	0.1			
BJI	52.7	61	P	12 38 40.5	- 1.0			KMI	25.0	120	EP	15 53 00.0	1.4			
TIA	54.4	65	EP	12 38 52.6	- 1.5			TIY	26.0	84	EP	15 53 09.8	1.6			
NJ2	57.0	70	EP	12 39 13.0	- 0.2			GYA	26.8	112	P	15 53 16.4	0.9			
DL2	57.0	61	EP	12 39 14.9	1.5			1984 6 1								
1984 6 1								O=18 54 45.8	+/- 0.08 SEC							
O=14 53 41.2	+/- 0.11 SEC							LAT=23.64 N	+/- 1.01 KM							
LAT=30.11 N	+/- 1.80 KM							LONG=102.98 E	+/- 0.53 KM							
LONG=132.12 E	+/- 0.94 KM							DEPTH=0 KM	+/- 0.01 KM							
DEPTH=36 KM	+/- 0.01 KM							Ms(CHINA)=3.9/2								
Ms(CHINA)=3.8/2, mb(NEIS)=4.6									STATIONS USED=8, STAND DEV=1.72 SEC							
STATIONS USED=25, STAND DEV=2.21 SEC									KMI	1.5	351	EPG	18 55 18.5	2.7		
MDJ	14.6	352	EP	14 57 12.2	4.6						SG	18 55 43.5	7.7			
CN2	14.7	340	EP	14 57 09.6	1.5						LE	Ms=3.7	8.0	2.3		
			ES	14 59 46.0	- 4.4			GYA	4.4	49	PN	18 55 55.6	0.5			

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			PG	18 56 12.2	6.9										
			SN	18 56 50.6	3.1										
			S _m N			1.0	0.1	MDJ	72.6	39	PC	21 29 06.0	- 0.1		
			S _m E			1.0	0.1				S	21 38 30.0	- 0.4		
CD2	7.3	5	EPN	18 56 38.0	1.8										
			ESN	18 57 58.0	- 2.6										
QZH	7.9	124	EPN	18 56 45.6	1.3										
XAN	11.6	25	EP	18 57 35.6	- 0.3										
1984 6 1															
O=21 17 35.7 +/- 0.11 SEC															
LAT=6.79 S +/- 2.77 KM															
LONG=72.09 E +/- 3.42 KM															
DEPTH=9 KM +/- 0.01 KM															
Ms(CHINA)=4.9/4, Msz(NEIS)=4.7, mb(NEIS)=5.4															
STATIONS USED=63, STAND DEV=1.63 SEC															
LSA	40.6	25	PC	21 25 21.4	2.7										
			ES	21 31 27.8	- 1.4										
KMI	43.5	42	PC	21 25 38.0	- 4.2										
KSH	46.1	4	EP	21 26 03.0	0.0										
			ES	21 32 45.0	- 3.9										
			LN			Ms=5.4	15.0	3.2							
GYA	47.1	44	P	21 26 10.8	0.5										
CD2	48.2	37	P	21 26 19.6	0.5										
			P _m Z				1.0	0.2							
			S	21 33 12.0	- 6.0										
GZH	50.1	52	EP	21 26 34.0	0.5										
LZH	52.0	32	IPC	21 26 49.0	0.5										
			P _m Z				1.0	0.1							
WMQ	52.3	14	IPC	21 26 51.0	0.5										
GTA	52.6	26	IPC	21 26 53.9	0.8										
			ES	21 34 19.0	- 0.6										
			LN			Ms=4.6	12.0	0.3							
XAN	53.5	38	EP	21 26 58.2	- 1.2										
WHN	54.9	45	EP	21 27 10.0	0.3										
TIY	58.1	37	P	21 27 32.0	- 0.4										
			(S)	21 35 39.0	6.8										
			LN			Ms=5.0	15.0	0.9							
BTO	58.6	33	P	21 27 36.1	- 0.2										
NJ2	59.0	46	EP	21 27 38.0	- 0.4										
HHC	59.7	33	PU	21 27 44.0	0.5										
TIA	60.1	41	PC	21 27 45.6	- 0.7										
BJI	61.8	37	EP	21 27 57.5	- 0.4										
DL2	64.6	41	EP	21 28 16.0	- 0.1										
SNY	67.4	39	EP	21 28 33.2	- 1.1										
CN2	69.6	38	PC	21 28 47.0	- 1.1										
			ES	21 37 50.0	- 5.7										
			LN			Ms=4.8		13.0	0.4						
			MDJ	72.6	39	PC	21 29 06.0	- 0.1							
			S	21 38 30.0	- 0.4										
1984 6 1															
O=22 25 56.4 +/- 0.33 SEC															
LAT=38.27 N +/- 0.90 KM															
LONG=74.06 E +/- 1.28 KM															
DEPTH=129 KM +/- 3.15 KM															
mb(NEIS)=4.8															
STATIONS USED=8, STAND DEV=1.17 SEC															
KSH	1.9	51	EP	22 26 36.0	4.9										
WMQ	11.7	57	P	22 28 40.5	0.0										
GTA	20.1	78	EP	22 30 23.0	0.8										
1984 6 1															
O=23 17 10.7 +/- 0.06 SEC															
LAT=1.30 S +/- 1.61 KM															
LONG=98.72 E +/- 2.06 KM															
DEPTH=55 KM +/- 0.01 KM															
mb(NEIS)=4.7															
STATIONS USED=12, STAND DEV=0.67 SEC															
GTA	40.5	1	EP	23 24 43.7	0.2										
BJI	44.1	19	(P)	23 25 14.0	1.2										
WMQ	46.0	348	P	23 25 28.8	1.0										
CN2	50.9	24	PC	23 26 04.7	- 0.8										
1984 6 2															
O=03 45 30.2 +/- 0.87 SEC															
LAT=32.79 S +/- 2.36 KM															
LONG=178.49 W +/- 2.51 KM															
DEPTH=17 KM +/- 8.43 KM															
Ms(CHINA)=5.2/3, Msz(NEIS)=5.1, mb(NEIS)=5.3															
STATIONS USED=41, STAND DEV=1.69 SEC															
NJ2	87.5	310	EP	03 58 20.0	0.9										
MDJ	90.3	325	EP	03 58 32.0	- 0.7										
DL2	90.4	317	EP	03 58 31.0	- 2.0										
			LN			Ms=5.2		10.0	0.3						
			LE					10.0	0.3						
TIA	91.3	313	EP	03 58 36.8	- 0.3										
			LN			Ms=5.4		12.0	0.4						
			LE					12.0	0.8						
SNY	91.4	320	P	03 58 36.0	- 1.4										
			PP	04 02 08.0	- 7.4										
			XS	04 09 44.0	- 1.3										

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CN2	91.8	323	PC	03 58 38.0	- 1.4										
			P _m Z			3.0	0.3								
			LE		Ms=4.9	13.0	0.3								
GYA	92.4	300	P	03 58 46.8	4.6										
KMI	94.5	296	EP	03 58 52.0	- 0.1										
			PP	04 02 42.0	1.1										
1984 6 2															
O=06 07 18.5 +/- 0.06 SEC															
LAT=16.32 N +/- 0.88 KM															
LONG=146.70 E +/- 1.36 KM															
DEPTH=36 KM +/- 0.01 KM															
STATIONS USED=8, STAND DEV=1.28 SEC															
SSE	27.5	306	E(P)	06 13 03.2	- 0.9										
BJI	35.5	317	(P)	06 14 15.0	0.7										
CD2	41.7	298	(P)	06 15 07.2	1.4										
1984 6 2															
O=07 44 56.6 +/- 0.20 SEC															
LAT=23.80 N +/- 3.38 KM															
LONG=121.73 E +/- 1.76 KM															
DEPTH=25 KM +/- 0.02 KM															
Ms(CHINA)=3.8/5, mb(NEIS)=4.7, ML(CHINA)=4.3/8															
STATIONS USED=34, STAND DEV=3.85 SEC															
QZH	3.1	292	EPN	07 45 43.7	- 1.1										
			SN	07 46 15.5	- 5.8										
			S _m N		ML=4.0	0.6	0.6								
			S _m E			0.9	0.5								
			LE		Ms=3.8	8.0	1.8								
SSE	7.3	356	EPN	07 46 41.8	- 2.4										
			LN			1.0	0.06								
			LE			1.0	0.1								
GZH	7.7	266	EPN	07 46 50.0	- 0.5										
			ESN	07 48 09.0	- 9.4										
			LE		Ms=3.7	10.0	0.6								
WHN	9.4	317	E(P)	07 47 11.0	- 2.6										
TIA	13.0	343	EP	07 48 00.7	- 1.9										
			LN		Ms=3.9	9.0	0.5								
XAN	15.1	315	EP	07 48 29.4	- 1.5										
TIY	16.0	332	EP	07 48 43.4	1.6										
			LG ₂	07 53 43.5	- 0.6										
			LN		Ms=4.1	10.0	0.6								
CD2	17.5	297	EP	07 49 00.6	0.3										
			ELG ₂	07 54 27.5	- 4.9										
HHC	19.0	335	EP	07 49 21.9	2.2										
LZH	19.7	312	PD	07 49 28.0	0.5										
			P _m Z											1.5	0.04
GTA	24.2	315	P	07 50 14.3	1.5										
LSA	27.9	288	EP	07 50 51.9	4.5										
1984 6 2															
O=10 32 16.9 +/- 0.51 SEC															
LAT=37.26 N +/- 2.31 KM															
LONG=71.29 E +/- 2.90 KM															
DEPTH=96 KM +/- 4.79 KM															
mb(NEIS)=5.2															
STATIONS USED=75, STAND DEV=2.37 SEC															
KSH	4.3	57	PU	10 33 25.0	3.5										
			S	10 34 04.0	- 6.8										
			LN											3.0	26.4
WMQ	14.1	57	P	10 35 32.5	- 0.9										
			ES	10 38 05.0	- 2.8										
			LN											4.0	1.0
LSA	18.2	108	EP	10 36 23.6	- 1.4										
			S	10 39 33.8	- 7.9										
GTA	22.4	75	IPC	10 37 10.8	1.9										
			ES	10 41 10.0	5.6										
			LG ₂	10 44 35.0	- 2.3										
			LE											5.5	0.3
LZH	26.1	82	PC	10 37 44.5	0.8										
			P _m Z											2.3	0.2
CD2	27.5	93	P	10 37 58.0	1.0										
KMI	29.4	105	EP	10 38 12.5	- 1.0										
			LN											12.0	0.7
BTO	30.1	71	EP	10 38 20.5	0.1										
XAN	30.6	84	EP	10 38 24.0	- 0.4										
HHC	31.3	70	EP	10 38 30.0	- 0.4										
GYA	31.7	99	P	10 38 34.6	0.2										
TIY	32.5	76	P	10 38 41.5	0.9										
BJI	34.9	71	EP	10 39 01.5	0.2										
WHN	36.1	87	EP	10 39 12.0	0.2										
TIA	36.5	77	EP	10 39 15.2	0.4										
GZH	38.7	99	PC	10 39 33.4	0.2										
NJ2	39.1	83	PD	10 39 38.0	1.0										
DL2	39.3	71	PD	10 39 39.2	1.3										
SNY	40.1	66	EP	10 39 44.6	- 0.1										
CN2	41.1	63	PC	10 39 52.8	0.0										
MDJ	43.8	61	EP	10 40 15.0	- 0.5										
1984 6 2															
O=11 39 01.6 +/- 0.65 SEC															
LAT=23.62 N +/- 2.99 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
LONG=122.62 E +/- 3.31 KM DEPTH=37 KM +/- 6.06 KM Ms(CHINA)=4.1/3, mb(NEIS)=4.5, ML(CHINA)=4.0/7 STATIONS USED=41, STAND DEV=3.09 SEC								LAT=21.02 S +/- 1.87 KM LONG=173.82 W +/- 2.37 KM DEPTH=31 KM +/- 0.01 KM Ms(CHINA)=4.8/1, Msz(NEIS)=5.0, mb(NEIS)=5.0 STATIONS USED=34, STAND DEV=1.37 SEC							
QZH	3.9	290	EP	11 40 00.2	- 0.6			MDJ	83.2	323	EP	14 28 03.0	0.9		
			IS	11 40 41.6	- 4.5			NJ2	83.3	307	EP	14 28 04.4	2.2		
			S _m N		ML=4.0	1.0	0.3	GZH	83.4	297	EP	14 28 04.0	1.0		
			S _m E			1.1	0.3	DL2	84.8	314	EP	14 28 09.0	- 1.2		
			LE		Ms=3.3	11.0	0.6	CN2	85.1	320	PU	14 28 11.5	- 0.2		
SSE	7.6	350	EP	11 40 49.4	- 2.8						P _m Z			4.0	0.4
			LN			1.0	0.03				AP	14 28 25.5	4.4		
NJ2	9.0	339	EP	11 41 11.0	- 1.7						S _m E			6.0	0.4
			ES	11 42 49.0	- 5.4						LE		Ms=4.8	18.0	0.4
			LN		Ms=4.2	10.0	1.4	SNY	85.2	318	EP	14 28 13.7	1.9		
GYA	14.7	284	P	11 42 32.2	2.6			TIA	86.5	310	EP	14 28 20.7	2.1		
DL2	15.3	357	EP	11 42 40.0	3.7			BJI	89.0	313	(P)	14 28 27.0	- 3.6		
			LN		Ms=4.1	13.0	0.8	XAN	91.6	305	EP	14 28 43.6	1.0		
XAN	15.9	313	PD	11 42 49.0	5.0			KMI	93.1	295	EP	14 28 51.0	1.3		
TIY	16.5	330	EP	11 42 53.0	0.3			1984 6 2							
			LN		Ms=4.3	12.5	1.1	O=23 25 56.9 +/- 1.14 SEC							
BJI	17.3	343	(P)	11 43 02.5	0.9			LAT=10.32 S +/- 5.37 KM							
SNY	18.2	2	EP	11 43 13.4	0.3			LONG=161.50 E +/- 6.60 KM							
CD2	18.3	297	P	11 43 15.0	0.8			DEPTH=60 KM +/- 10.68 KM							
BTO	20.0	330	EP	11 43 33.4	- 0.6			mb(NEIS)=5.1							
CN2	20.3	5	EP	11 43 33.0	- 3.9			STATIONS USED=61, STAND DEV=5.30 SEC							
LZH	20.4	311	IPD	11 43 40.3	1.4			SSE	56.5	318	EP	23 35 34.2	- 1.4		
GTA	24.9	314	P	11 44 23.9	0.7						AP	23 35 49.2	- 1.8		
1984 6 2								NJ2	58.6	317	EP	23 35 48.8	- 1.8		
O=12 42 18.9 +/- 0.24 SEC											AP	23 36 05.0	- 1.1		
LAT=29.98 S +/- 1.26 KM								WHN	60.8	313	EP	23 36 03.0	- 2.8		
LONG=179.36 W +/- 1.36 KM											AP	23 36 17.0	- 4.4		
DEPTH=384 KM +/- 2.23 KM								MDJ	61.8	334	EP	23 36 10.5	- 2.1		
mb(NEIS)=4.9								CN2	63.0	331	PC	23 36 17.6	- 3.1		
STATIONS USED=29, STAND DEV=1.10 SEC											AP	23 36 35.0	- 1.3		
NJ2	85.1	311	PC	12 54 15.0	0.6			GYA	64.6	305	EP	23 36 36.2	5.3		
MDJ	87.6	326	EP	12 54 26.2	- 0.4			BJI	65.3	323	P	23 36 33.0	- 2.6		
DL2	87.8	317	EP	12 54 27.0	- 0.7			XAN	66.6	314	EP	23 36 40.8	- 2.8		
SNY	88.7	321	PC	12 54 31.9	0.1			KMI	67.2	302	EP	23 36 46.5	- 1.2		
TIA	88.8	313	EP	12 54 32.7	0.4						AP	23 37 03.0	- 0.2		
CN2	89.1	323	PD	12 54 32.8	- 0.8						ES	23 45 47.0	10.1		
			AP	12 56 06.0	4.1			GTA	75.6	315	P	23 37 36.5	- 1.3		
GYA	90.3	300	P	12 54 40.0	0.6						AP	23 37 53.6	0.1		
KMI	92.6	297	EP	12 54 51.0	1.0			WMQ	85.6	315	EP	23 38 27.5	- 3.7		
1984 6 2								O=14 15 36.5 +/- 0.08 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	
			AP	11 15 34.0	- 1.2						S _m E			10.0	4.2	
			XP	11 15 39.0	- 0.1			CD2	84.3	306	P	14 59 08.0	0.9			
			ES	11 20 42.0	- 7.6			HHC	84.4	318	EP	14 59 08.0	0.1			
XAN	37.1	332	EP	11 15 51.2	- 0.6			BTO	85.2	317	EP	14 59 12.0	0.1			
CD2	37.4	323	EP	11 15 54.0	- 0.1			LZH	86.9	311	EP	14 59 20.0	0.0			
TIY	38.9	339	EP	11 16 06.8	0.2			GTA	91.3	312	EP	14 59 41.6	0.7			
BJI	39.9	345	EP	11 16 14.0	- 1.0			1984 6 3								
SNY	40.3	354	EP	11 16 18.1	- 0.6			O=16 01 22.2 +/- 0.04 SEC								
CN2	42.2	356	EP	11 16 32.5	- 1.2			LAT=32.31 S +/- 1.44 KM								
MDJ	42.9	1	EP	11 16 39.0	- 0.9			LONG=177.77 W +/- 0.75 KM								
LSA	45.1	312	EP	11 16 59.0	0.8			DEPTH=24 KM								
GTA	45.8	328	P	11 17 04.0	0.6			mb(NESIS)=5.1								
WMQ	55.5	325	PC	11 18 16.0	- 0.6			STATIONS USED=5, STAND DEV=0.20 SEC								
1984 6 3								MDJ	90.3	325	EP	16 14 23.5	0.2			
O=14 46 35.6 +/- 0.08 SEC								CN2	91.8	322	PC	16 14 30.2	0.2	.1		
LAT=22.66 S +/- 1.74 KM								1984 6 3								
LONG=171.91 E +/- 2.02 KM								O=16 30 26.8 +/- 0.10 SEC								
DEPTH=28 KM +/- 0.01 KM								LAT=32.95 N +/- 0.62 KM								
Ms(CHINA)=5.4/7, Msz(NESIS)=5.4, mb(NESIS)=5.3								LONG=136.09 E +/- 0.67 KM								
STATIONS USED=61, STAND DEV=1.44 SEC								DEPTH=456 KM +/- 0.96 KM								
GZH	72.9	304	EP	14 58 01.4	- 3.3			mb(NESIS)=4.7								
QZN	73.4	299	EP	14 58 10.0	2.1			STATIONS USED=52, STAND DEV=0.60 SEC								
			ES	15 07 34.6	- 0.2			MDJ	12.7	338	PC	16 33 14.5	- 0.5			
			LE		Ms=5.0	11.0	0.4	DL2	13.1	300	PD	16 33 20.4	0.7			
NJ2	74.4	315	EP	14 58 15.5	2.0			SNY	13.3	315	PC	16 33 21.3	- 0.3			
			S	15 07 46.0	0.5			CN2	13.7	325	IPC	16 33 25.0	- 0.3			
			LN		Ms=5.4	19.0	1.7				P _m Z			3.0	0.3	
DL2	77.2	322	EP	14 58 30.0	0.3						ES	16 35 46.0	- 2.7			
MDJ	77.3	330	EP	14 58 29.5	- 0.7			NJ2	14.6	271	PD	16 33 34.0	- 0.8			
TI A	78.1	317	EP	14 58 33.0	- 1.8			TI A	16.0	287	EP	16 33 48.9	0.1			
			ES	15 08 21.5	- 5.2			BJI	17.5	299	EP	16 34 03.5	- 0.6			
			LN		Ms=5.4	19.0	1.6				(S)	16 36 59.0	- 0.9			
CN2	78.7	327	EP	14 58 36.0	- 1.6			WHN	18.6	268	PC	16 34 16.5	1.0			
			ES	15 08 27.0	- 5.3			HHC	21.1	298	P	16 34 39.8	0.7			
			LN		Ms=5.4	20.0	1.6		BTO	22.2	297	EP	16 34 49.7	0.5		
GYA	79.8	304	EP	14 58 44.2	0.2			XAN	22.7	280	EP	16 34 53.8	0.2			
BJI	81.2	320	P	14 58 50.0	- 1.0			GYA	26.3	263	P	16 35 25.8	- 0.7			
			(S)	15 09 00.0	1.7			CD2	27.5	274	EP	16 35 35.4	- 1.1			
TIY	82.0	316	EP	14 58 55.5	- 0.1						ES	16 39 42.2	- 2.5			
			S	15 09 17.0	9.5			GTA	29.8	292	EP	16 35 58.0	0.6			
			S _m E			11.0	0.4	KMI	30.1	263	EP	16 35 58.5	- 1.1			
			LE		Ms=5.4	18.0	1.4	1984 6 3								
KMI	82.2	301	EP	14 58 57.5	0.9			O=17 28 08.8 +/- 0.12 SEC								
XAN	82.2	311	EP	14 58 56.0	- 0.7											
			ES	15 09 20.0	10.3											

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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
LAT = 8.89 S +/- 0.02 KM LONG = 108.45 W +/- 0.03 KM DEPTH = 9 KM +/- 0.01 KM Msz (NEIS) = 5.3, mb (NEIS) = 4.9 STATIONS USED = 11, STAND DEV = 2.64 SEC								PCP 02 16 21.6 - 0.1 MDJ 54.5 23 IPD 02 15 27.5 - 0.9 1984 6 4 O = 03 57 41.8 +/- 0.34 SEC LAT = 5.42 S +/- 2.11 KM LONG = 153.55 E +/- 2.13 KM DEPTH = 57 KM +/- 3.04 KM mb (NEIS) = 5.2 STATIONS USED = 27, STAND DEV = 2.33 SEC							
GTA	140.5	324	EPKP	17 47 40.9	0.9			MDJ	54.3	339	EP	04 07 03.7	- 1.1		
WMQ	142.5	340	EPKP	17 47 45.2	1.9			CN2	55.2	335	P	04 07 10.3	- 1.1		
CD2	142.9	310	(PKP)	17 47 45.6	1.6			XAN	57.6	316	EP	04 07 27.8	- 0.9		
KMI	146.2	302	EPKP	17 47 57.0	7.0			CD2	59.7	310	EP	04 07 43.6	0.2		
1984 6 3 O = 18 00 34.6 +/- 0.16 SEC LAT = 54.13 N +/- 3.76 KM LONG = 160.23 E +/- 6.28 KM DEPTH = 38 KM +/- 0.02 KM mb (NEIS) = 4.9 STATIONS USED = 21, STAND DEV = 2.38 SEC								LZH 62.2 315 EP 04 08 00.5 0.1 P_mZ 1.5 0.1 GTA 66.6 317 IPD 04 08 30.1 1.0 WMQ 76.7 317 EP 04 09 29.5 0.1 1984 6 4 O = 04 34 03.1 +/- 0.07 SEC LAT = 18.39 N +/- 1.53 KM LONG = 98.19 W +/- 2.25 KM DEPTH = 59 KM +/- 0.01 KM mb (NEIS) = 5.4 STATIONS USED = 36, STAND DEV = 1.02 SEC							
CN2	24.8	259	EP	18 05 53.5	- 1.4			XAN	121.8	333	EPKP	04 52 51.8	0.0		
			ES	18 10 10.0	- 2.5			LZH	121.9	339	PKP	04 52 53.0	0.8		
GTA	42.6	275	P	18 08 29.1	- 0.1						PKP _m Z		1.0	0.04	
1984 6 4 O = 02 06 06.0 +/- 0.22 SEC LAT = 4.46 S +/- 1.07 KM LONG = 102.71 E +/- 1.32 KM DEPTH = 77 KM +/- 2.11 KM mb (NEIS) = 5.3 STATIONS USED = 49, STAND DEV = 0.88 SEC								CD2 126.6 336 EPKP 04 53 02.0 0.8 GYA 129.3 330 PKP 04 53 07.0 0.6 KMI 132.2 334 PKPC 04 53 13.0 1.0 1984 6 4 O = 05 03 49.4 +/- 0.41 SEC LAT = 35.00 N +/- 1.45 KM LONG = 72.92 E +/- 1.45 KM DEPTH = 44 KM +/- 3.89 KM mb (NEIS) = 4.9 STATIONS USED = 15, STAND DEV = 1.64 SEC							
QZH	24.4	16	EP	02 11 20.1	1.8			WMQ	14.4	47	PC	05 07 11.0	- 1.7		
KMI	29.4	0	PC	02 12 05.5	0.7						S	05 09 43.7	- 8.4		
			ES	02 17 00.0	7.9						LN		- 2.5	0.08	
			LN			14.0	0.5				LE		- 2.5	0.06	
GYA	31.0	6	P	02 12 19.0	0.5			LSA	16.3	103	P	05 07 39.6	2.3		
LSA	35.7	342	PC	02 13 00.0	0.1			GTA	21.8	70	EP	05 08 43.5	3.3		
XAN	38.7	8	PC	02 13 24.3	- 0.4										
LZH	40.3	1	PC	02 13 38.5	0.3										
			P _m Z			1.5	0.08								
TIA	42.6	317	EP	02 13 56.2	- 0.7										
TIY	42.9	11	P	02 13 59.8	0.6										
			P _m Z			1.0	0.03								
			LN			16.0	0.8								
GTA	43.7	356	IPC	02 14 06.4	0.5										
			PCP	02 15 52.2	0.9										
WMQ	49.9	345	PC	02 14 54.4	- 0.1										
CN2	52.2	20	IPC	02 15 10.2	- 1.6										
			AP	02 15 26.5	- 4.1										

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
KMI	27.5	102	P	05 09 40.0	5.3			SNY	44.3	283	EP	17 28 07.6	0.1		
1984 6 4 O=07 04 30.7 +/- 0.01 SEC LAT=40.95 N +/- 0.16 KM LONG=113.23 E +/- 0.19 KM DEPTH=0 KM ML(CHINA)=3.4/12 STATIONS USED=8, STAND DEV=0.29 SEC								SNY			AP	17 28 23.0	3.6		
											PP	17 29 50.0	- 2.2		
											LE	Ms=4.8	17.0	1.0	
								DL2	47.3	281	EP	17 28 30.0	- 1.1		
											LN	Ms=5.2	16.0	1.6	
											LE		16.0	1.6	
								BJI	49.8	286	EP	17 28 50.5	- 0.3		
											(S)	17 35 59.0	2.7		
											LN	Ms=4.9	18.0	1.1	
HHC	1.3	266	PN	07 04 56.0	0.3			HHC	52.0	290	P	17 29 07.0	- 0.4		
			SG	07 05 14.0	3.7			SSE	52.8	274	EP	17 29 14.0	1.0		
			S _m N	ML=3.4	0.4	0.7					AP	17 29 28.0	3.0		
BJI	2.4	111	EPN	07 05 12.5	0.3						ES	17 36 38.0	1.1		
			SG	07 05 43.0	- 3.5						BTO	17 29 15.0	- 0.3		
			S _m N	ML=4.1	0.5	1.4		NJ2	53.5	276	EP	17 29 18.3	- 0.4		
			S _m E		0.5	1.0					TIY	17 29 19.4	0.5		
BTO	2.5	262	PN	07 05 12.4	- 0.5						AP	17 29 33.5	2.7		
			PG	07 05 16.3	0.7						LN	Ms=5.1	17.0	1.6	
			SN	07 05 45.2	0.9			WHN	57.3	278	EP	17 29 45.0	- 1.2		
			SG	07 05 50.2	2.4			XAN	58.1	285	EP	17 29 51.0	- 0.9		
			S _m N	ML=3.3	0.4	0.2		QZH	58.8	271	EP	17 29 57.1	0.9		
			S _m E		0.4	0.1					AP	17 30 12.0	3.7		
TIY	3.3	191	PG	07 05 27.2	- 3.4						S	17 38 03.0	6.2		
			SG	07 06 05.8	- 7.9						XS	17 38 19.0	1.7		
			S _m N	ML=3.6	0.6	0.2					LE	Ms=4.3	15.0	0.2	
			S _m E		0.8	0.3		GTA	59.6	296	P	17 30 01.3	- 0.9		
TIA	5.6	145	PN	07 05 57.5	- 0.3			LZH	59.7	290	EP	17 30 02.2	- 0.5		
			PG	07 06 09.4	- 3.9						P _m Z		1.8	0.1	
			SG	07 07 17.4	- 9.6			WMQ	62.8	307	P	17 30 23.6	- 0.1		
			S _m N	ML=3.3	0.5	0.02		GZH	63.4	273	PC	17 30 29.0	1.7		
			S _m E		0.5	0.03		CD2	63.4	286	EP	17 30 27.8	0.0		
XAN	7.7	207	EPN	07 06 27.0	0.0			GYA	64.9	281	P	17 30 37.4	- 0.4		
1984 6 4 O=17 19 59.7 +/- 0.35 SEC LAT=52.23 N +/- 1.65 KM LONG=171.05 W +/- 2.75 KM DEPTH=45 KM +/- 3.35 KM Ms(CHINA)=4.8/7, Msz(NEIS)=4.9, mb(NEIS)=5.2 STATIONS USED=69, STAND DEV=1.11 SEC											AP	17 30 53.0	3.1		
											S	17 39 20.0	4.9		
								KMI	68.3	283	EP	17 30 58.5	- 0.6		
											AP	17 31 13.5	2.4		
											ES	17 40 00.0	4.1		
											S _m N		8.0	0.3	
								LSA	71.6	294	P	17 31 20.3	1.0		
MDJ	39.1	283	EP	17 27 30.0	5.1			1984 6 4 O=18 36 05.1 +/- 0.56 SEC LAT=51.19 N +/- 1.91 KM LONG=150.81 E +/- 2.73 KM DEPTH=500 KM +/- 5.37 KM							
CN2	42.1	284	PC	17 27 47.0	- 2.1										
			AP	17 28 02.0	1.2										
			EPP	17 29 26.0	- 3.7										
			ES	17 33 58.0	- 7.2										
			LN	Ms=4.8	16.0	1.0									

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
mb(NEIS) = 5.2 STATIONS USED = 82, STAND DEV = 1.62 SEC															
MDJ	15.6	253	IPC	18 39 21.3	- 1.0			CD2	40.0	258	IPC	18 42 58.0	0.3		
			P _m Z			1.0	0.1				P _m Z			0.8	0.06
			S	18 42 01.0	- 0.7						ES	18 48 27.4	-1.1		
			SCP	18 46 36.0	- 1.5			GZH	40.3	240	EP	18 42 59.0	-0.6		
			SCS	18 50 15.0	- 0.3						SCP	18 47 51.0	-1.0		
CN2	18.6	256	IPC	18 39 50.2	- 1.1			GYA	41.5	250	PU	18 43 08.0	-1.5		
			P _m Z			3.0	0.5				S	18 48 45.0	-4.6		
			EXP	18 41 56.0	0.0						SCS	18 52 11.0	-3.6		
			ES	18 42 52.0	- 1.8			WMQ	42.1	285	IPD	18 43 14.6	0.3		
			S _m E			5.0	0.7				P _m Z			1.0	0.07
SNY	20.8	253	IPC	18 40 12.6	0.0						AP	18 44 50.1	3.3		
			P _m Z			4.0	0.6				IS	18 48 57.7	-0.4		
			XP	18 42 28.0	3.4						S _m N			2.5	0.2
			S	18 43 30.0	- 1.7						S _m E			2.5	0.1
			SCS	18 50 29.5	- 2.2			KMI	44.8	253	IPC	18 43 36.0	0.1		
DL2	23.8	250	IPU	18 40 39.4	- 0.4						P _m Z			1.0	0.2
			S	18 44 18.0	- 2.2						AP	18 45 10.0	1.0		
BJI	26.4	258	EP	18 41 02.0	- 1.0						SCP	18 48 10.3	-0.3		
TIA	28.3	251	PC	18 41 18.3	- 1.0						ES	18 49 35.1	-2.1		
HHC	28.8	264	P	18 41 23.5	- 0.7						S _m E			4.0	0.3
SSE	29.7	238	P	18 41 31.1	- 0.4						SCS	18 52 35.6	-0.6		
			P _m Z			0.8	0.03	LSA	48.7	267	PC	18 44 06.8	0.8		
			SCP	18 47 10.0	- 3.9			1984 6 4 O = 21 11 46.7 ±/- 0.86 SEC LAT = 36.37 N ±/- 2.41 KM LONG = 141.04 E ±/- 3.08 KM DEPTH = 65 KM ±/- 8.27 KM M_s(CHINA) = 3.8/3, mb(NEIS) = 4.9 STATIONS USED = 49, STAND DEV = 2.26 SEC							
BTO	29.9	265	EP	18 41 33.0	- 0.8			MDJ	12.0	316	EP	21 14 40.2	3.3		
TIY	30.2	258	P	18 41 35.5	- 0.1			CN2	14.0	306	EP	21 15 04.3	0.2		
			P _m Z			1.0	0.04				AP	21 15 12.0	- 2.1		
			(S)	18 45 59.0	- 0.9						ES	21 17 40.0	1.0		
			S _m E			8.0	0.3				LN		M _s =3.8	13.0	0.5
NJ2	30.3	243	PC	18 41 35.8	- 0.5			SNY	14.6	297	EP	21 15 12.6	1.2		
			PP	18 43 05.8	2.0						AP	21 15 21.0	- 0.6		
			ES	18 45 59.0	- 2.1						ES	21 17 57.0	- 4.8		
			SCP	18 47 14.2	- 1.5						LN		M _s =4.1	13.0	0.4
			ESS	18 48 36.0	- 1.3						LE			18.0	1.1
WHN	33.9	246	IPC	18 42 06.7	- 0.8			SSE	17.3	258	EP	21 15 45.0	- 0.9		
XAN	34.7	256	PC	18 42 13.3	- 0.8						SS	21 19 20.0	2.6		
LZH	36.5	264	IPC	18 42 30.0	0.7			NJ2	18.8	263	EP	21 16 04.0	- 0.2		
			P _m Z			1.0	0.2	TIA	19.3	276	EP	21 16 07.4	- 1.7		
GTA	37.0	271	IPC	18 42 34.4	0.9			BJI	19.9	288	EP	21 16 15.0	- 0.4		
			P _m Z			0.6	0.02								
			AP	18 44 05.2	2.1										
			PCP	18 44 41.7	0.5										
			SCP	18 47 38.1	- 1.5										
			S	18 47 42.6	- 2.2										
			ISCS	18 51 46.8	- 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	
XAN	26.3	274	PD	21 17 18.8	0.4						S _m E		13.0	1.8		
GYA	30.8	261	P	21 17 58.6	- 0.6						XS	21 32 12.0	4.2			
GTA	32.5	288	P	21 18 14.1	0.3						LN	Ms=4.6	13.5	2.1		
			PCP	21 21 02.0	3.1						LE		13.5	3.2		
KMI	34.6	261	EP	21 18 32.0	0.1			WHN	19.6	331	PC	21 28 25.2	0.2			
			AP	21 18 44.0	- 3.2			GYA	21.5	309	PU	21 28 43.0	- 1.1			
			ES	21 23 57.0	1.1						XP	21 29 03.0	2.1			
WMQ	40.9	297	PC	21 19 25.5	1.0						S	21 32 42.0	7.2			
LSA	42.0	275	PD	21 19 37.0	3.1						S _m E		8.0	2.5		
											LN	Ms=5.3	16.0	4.0		
											LE		16.0	8.0		
1984 6 4								TIA	23.8	344	EP	21 29 08.1	1.5			
O=21 23 57.3 +/- 0.49 SEC											P _m N		6.0	0.9		
LAT=13.41 N +/- 1.94 KM											P _m E		5.0	0.6		
LONG=124.89 E +/- 2.45 KM											P _m Z		7.0	1.7		
DEPTH=46 KM +/- 4.61 KM											S	21 33 20.5	4.7			
Ms(CHINA)=5.1/28, Msz(NEIS)=5.3, mb(NEIS)=5.5											S _m N		9.0	1.6		
STATIONS USED=93, STAND DEV=1.80 SEC											S _m E		9.0	2.0		
QZH	12.9	333	EP	21 27 00.5	- 0.4						EXS	21 33 30.5	- 4.2			
			PP	21 27 11.0	- 0.3						ESS	21 34 14.0	8.5			
			XP	21 27 13.0	- 2.9						LN	Ms=4.9	15.0	2.5		
			S	21 29 24.0	- 0.2						LE		12.0	1.0		
			SS	21 29 42.0	3.1			KMI	23.9	302	I PC	21 29 09.5	1.3			
			LE	Ms=4.6	15.0	3.5					P _m Z		4.0	1.9		
GZH	14.6	312	EP	21 27 20.0	- 2.6						AP	21 29 22.0	2.7			
			P _m Z			4.0	1.8				PP	21 29 41.5	- 0.2			
			AP	21 27 29.0	- 2.1						S	21 33 16.0	- 2.7			
			S _m N			15.0	9.7				LE	Ms=5.2	15.0	6.4		
			S _m E			15.0	12.5				XAN	25.1	327	P	21 29 20.0	- 0.1
			XS	21 30 19.0	2.2						S	21 33 38.5	- 1.0			
			LE	Ms=5.3	15.0	15.3					LN	Ms=5.2	14.0	4.1		
QZN	15.5	293	I PU	21 27 34.0	- 0.4						LE		15.0	3.2		
			PP	21 27 47.0	0.4						DL2	25.6	354	P	21 29 24.0	0.1
			XP	21 27 50.0	0.3						AP	21 29 39.0	3.7			
			S	21 30 24.5	- 0.5						S	21 33 47.0	0.8			
			XS	21 30 40.0	1.7						LN	Ms=5.1	14.0	2.7		
			SS	21 30 48.0	5.6						LE		16.0	3.2		
			LE	Ms=5.1	19.0	10.3					CD2	26.1	315	EP	21 29 29.0	- 0.2
SSE	17.9	349	I PU	21 28 06.0	0.9						AP	21 29 40.5	0.0			
			AP	21 28 16.8	2.5						XP	21 29 46.0	- 0.3			
			IS	21 31 28.0	7.1						ES	21 33 52.0	- 3.6			
			SS	21 31 48.0	4.8						LE	Ms=5.4	15.0	8.5		
			LN	Ms=4.9	20.0	2.7					TIY	26.6	337	I PC	21 29 34.0	0.1
			LE			20.0	5.4				AP	21 29 46.0	0.7			
NJ2	19.4	344	PU	21 28 20.0	- 2.1						S	21 34 05.5	1.5			
			AP	21 28 34.0	2.1						XS	21 34 20.0	- 3.4			
			S	21 31 56.0	3.2											

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
BJI	27.6	345	SCS	21 40 26.0	5.6			LSA	35.2	302	PCS	21 37 01.5	0.7				
			LN		Ms=5.1	14.0	4.0				SCS	21 41 00.0	3.8				
			EP	21 29 42.5	- 0.3		LN					Ms=5.1	16.0	2.9			
			S	21 34 20.5	0.7		IPU				21 30 50.2	0.7					
			S _m E			3.0	0.9				AP	21 31 02.5	1.6				
			SCS	21 40 29.5	4.8		PP				21 32 10.0	2.0					
			LN		Ms=4.8	14.0	1.6				S	21 36 19.0	- 0.2				
SNY	28.3	357	LE			13.5	0.8	WMQ	43.9	320	XS	21 36 35.0	- 3.3				
			IPU	21 29 50.0	0.7		SCS				21 41 08.0	6.0					
			PP	21 30 50.0	9.5		LE					Ms=4.9	17.0	1.8			
			IS	21 34 34.0	2.6		PC				21 32 02.7	0.6					
			S _m N			6.0	0.6				P _m Z			2.0	0.2		
			S _m E			7.0	1.0				PP	21 33 46.8	0.9				
			SCS	21 40 34.0	6.0		SCP				21 37 37.0	3.8					
LZH	29.5	323	LN		Ms=5.0	16.0	1.8	KSH	50.1	310	S	21 38 31.5	1.1				
			LE			14.0	2.6				SCS	21 41 58.0	4.8				
			EP	21 30 00.0	0.5		LN					Ms=5.5	13.0	3.0			
			P _m Z			3.0	0.6				LE			15.0	2.5		
			ES	21 34 41.0	- 8.6		PU				21 32 52.0	1.3					
			LN		Ms=5.4	15.0	5.9				S	21 40 04.0	5.8				
			LE			15.0	2.0				S _m N			5.0	1.0		
HHC	29.7	339	P	21 30 02.4	0.6						LN		Ms=5.7	14.0	4.0		
			S	21 34 55.0	1.2							LE			16.0	4.0	
			LN		Ms=5.4	15.0	7.1										
BTO	30.1	337	IPR	21 30 05.0	0.2			1984 6 4									
			S	21 35 00.0	0.9		O = 21 41 32.2	+/-	0.38 SEC								
			LN		Ms=5.2	12.0	1.6	LAT = 8.36 S	+/-	1.27 KM							
			LE			12.0	2.6	LONG = 124.72 E	+/-	1.80 KM							
CN2	30.3	0	PU	21 30 06.0	- 0.7			DEPTH = 64 KM	+/-	3.67 KM							
			P _m Z			5.0	0.4	mb(NEIS) = 5.0									
			AP	21 30 19.5	1.1		STATIONS USED = 29, STAND DEV = 1.22 SEC										
			S	21 34 54.0	- 8.5		GZH	33.2	340	EP	21 48 06.0	0.8					
			S _m E			7.0	0.5	GYA	38.8	333	P	21 48 52.8	- 0.1				
			ESCS	21 40 41.5	4.3		KMI	39.6	327	PD	21 49 00.5	1.0					
			LN		Ms=4.8	13.0	1.6	WHN	39.9	346	EP	21 49 03.5	1.2				
MDJ	31.4	6	EP	21 30 16.5	0.3			NJ2	40.6	352	PD	21 49 09.3	1.8				
			XP	21 30 33.5	0.0			CD2	43.9	333	EP	21 49 35.0	0.1				
			S	21 35 22.0	2.7		XAN	44.8	341	EP	21 49 40.6	- 1.0					
			S _m E			6.0	0.9	LSA	49.7	320	PD	21 50 21.2	0.0				
			LE		Ms=5.0	14.0	2.3	SNY	50.0	358	EP	21 50 21.0	- 1.2				
GTA	34.1	324	IPC	21 30 40.2	0.4			CN2	51.9	0	EP	21 50 40.8	3.7				
			P _m Z			5.0	0.4	MDJ	52.9	4	PC	21 50 45.0	0.4				
			PCP	21 33 18.5	2.6		WMQ	61.8	330	EP	21 51 46.0	- 1.6					
			S	21 36 02.8	1.2		1984 6 5										
			S _m E			7.0	0.3	O = 01 44 20.5	+/-	0.44 SEC							
XS	21 36 16.5	- 4.8															

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LAT = 56.85 N +/- 1.70 KM = LONG = 157.31 W +/- 2.40 KM DEPTH = 102 KM +/- 4.13 KM mb(NEIS) = 5.3 STATIONS USED = 58, STAND DEV = 1.79 SEC								GTA 148.4 4 IPKPC 04 35 06.4 2.2 TIA 149.0 337 PKPU 04 35 06.4 1.4 TIY 149.1 345 PKP 04 35 06.5 1.3 LN Ms=5.9 20.0 1.8 SSE 151.4 326 EPKP 04 35 10.5 1.9 NJ2 151.8 330 PKP 04 35 10.5 1.2 PKP_mZ 1.0 0.2 EPP 04 38 58.0 - 0.1 LE Ms=5.5 19.0 0.8 LZH 151.9 358 PKPC 04 35 12.0 2.4 PKP_mZ 1.5 0.1 PP 04 38 54.0 - 4.3 XAN 153.4 349 PKP 04 35 13.2 1.6 WHN 155.1 336 EPKP 04 35 15.0 1.2 CD2 157.0 358 EPKP 04 35 19.0 2.5 GYA 161.2 350 PKP 04 35 23.0 1.7 PP 04 39 46.0 - 4.0 KMI 162.8 1 PKP 04 35 25.5 2.4 PP 04 39 57.0 - 0.9							
MDJ	45.7	287	EP	01 52 32.0	- 1.1										
CN2	48.4	289	IPC	01 52 54.0	- 0.5										
			P _m Z			2.0	0.2								
			EAP	01 53 17.0	- 1.3										
			ES	01 59 42.0	- 4.2										
			LN			11.0	0.3								
SNY	50.8	288	PC	01 53 12.8	0.2										
HHC	57.6	296	EP	01 54 03.0	0.4										
TIA	58.3	288	EP	01 54 07.0	- 0.4										
SSE	60.1	281	EP	01 54 20.0	0.4										
NJ2	60.6	284	PD	01 54 23.2	0.1										
XAN	64.2	292	EP	01 54 47.0	- 0.2										
GTA	64.3	303	IPC	01 54 48.4	0.2										
			S	02 03 17.8	0.9										
LZH	65.1	298	EP	01 54 47.5	- 5.6										
			P _m Z			1.8	0.07								
CD2	69.3	294	EP	01 55 20.6	1.2										
			AP	01 55 45.0	0.4										
GYA	71.4	289	P	01 55 33.6	1.2										
LSA	76.3	303	EP	01 56 03.5	2.3										
1984 6 5 O = 04 15 21.4 +/- 0.19 SEC LAT = 7.82 S +/- 0.01 KM LONG = 76.82 W +/- 0.03 KM DEPTH = 21 KM +/- 0.02 KM Ms(CHINA) = 5.4/5, Msz(NEIS) = 5.1, mb(NEIS) = 5.8 STATIONS USED = 83, STAND DEV = 4.12 SEC								1984 6 5 O = 14 17 53.0 +/- 0.11 SEC LAT = 3.64 S +/- 2.00 KM LONG = 143.66 E +/- 2.39 KM DEPTH = 36 KM +/- 0.01 KM Ms(CHINA) = 4.6/7, mb(NEIS) = 5.4 STATIONS USED = 61, STAND DEV = 2.07 SEC							
MDJ	136.7	332	EPKP	04 34 43.5	- 0.2										
CN2	139.2	335	PKP	04 34 40.8	- 7.4										
			LE			Ms=5.4	16.0	0.5							
KSH	140.2	33	EPKP	04 34 54.0	3.9										
SNY	141.6	335	PKPC	04 34 46.3	- 6.2										
			PP	04 37 56.0	- 2.7										
			LE			Ms=5.1	26.0	0.4							
WMQ	141.7	18	PKP	04 34 48.2	- 4.5										
DL2	144.9	334	IPKP	04 34 58.4	0.3										
			EPP	04 38 16.0	- 2.3										
BJI	145.9	342	EPKP	04 35 00.5	0.7										
HHC	146.3	348	IPKPU	04 35 03.0	2.3										
BTO	146.8	350	IPKP	04 35 05.0	3.4										
			LN			Ms=4.4	10.0	0.3							
			GZH	39.6	313	EP	14 25 26.0	2.7							
			ES	14 31 29.0	4.8										
SSE	40.5	329	EP	14 25 31.0	0.5										
			ES	14 31 44.0	7.0										
			ESCS	14 35 34.0	3.5										
NJ2	42.5	328	EP	14 25 51.0	4.4										
			S	14 32 12.0	5.9										
			S _m N											14.0	0.7
			LN			Ms=4.4								12.0	0.3
GYA	46.5	311	P	14 26 20.6	1.2										
			AP	14 26 28.0	- 1.3										
			S	14 33 15.0	10.0										
TIA	46.6	330	EP	14 26 20.0	0.0										
			ES	14 33 03.0	- 3.0										
			LN			Ms=4.7								11.0	0.3
			LE											11.0	0.4

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DL2	46.8	336	EP	14 26 25.0	3.5						ES	15 54 35.0	3.8		
			ES	14 33 15.0	6.2						LN			15.0	0.5
			LN		Ms=4.7	12.0	0.5								
SNY	48.6	340	PD	14 26 35.6	- 0.2										
			AP	14 26 41.6	- 4.3										
			S	14 33 35.5	0.9						LE			18.0	1.1
			S _m N			22.0	0.7								
			SS	14 37 07.6	8.4										
			LN		Ms=4.6	20.0	0.3								
			LE			20.0	0.6								
KMI	48.8	307	EP	14 26 39.5	2.0										
			AP	14 26 45.5	- 1.8										
			ES	14 33 32.0	- 5.7						P _m Z			1.0	0.05
MDJ	49.5	346	EP	14 26 40.2	- 2.2										
XAN	49.6	321	EP	14 26 43.0	- 0.5										
			ES	14 33 50.0	1.4										
CN2	49.8	342	EP	14 26 44.4	- 0.6										
			ES	14 33 50.0	- 1.2										
			LE		Ms=4.7	14.0	0.5								
BJI	50.1	332	EP	14 26 46.0	- 1.1										
CD2	51.1	314	EP	14 26 55.6	0.6										
HHC	53.0	329	P	14 27 09.0	0.2										
BTO	53.6	328	EP	14 27 13.8	0.5										
			ES	14 34 50.0	7.2										
LZH	54.1	320	EP	14 27 18.0	0.5										
			P _m Z			1.5	0.1								
GTA	58.7	321	I PC	14 27 50.5	0.5										
LSA	60.1	307	EP	14 28 01.0	1.1										
WMQ	68.7	319	PD	14 28 56.7	0.9										
1984 6 5															
O = 15 35 33.6 +/- 0.24 SEC															
LAT = 10.87 S +/- 1.17 KM															
LONG = 162.39 E +/- 1.31 KM															
DEPTH = 71 KM +/- 2.23 KM															
mb(NEIS) = 5.4															
STATIONS USED = 60, STAND DEV = 0.88 SEC															
NJ2	59.6	317	PC	15 45 33.0	- 0.1										
DL2	62.4	324	EP	15 45 51.0	- 0.9										
MDJ	62.7	334	EP	15 45 54.0	0.0										
TIA	63.3	319	EP	15 45 56.8	- 1.3										
SNY	63.4	328	EP	15 45 58.2	- 0.4										
			S	15 54 29.0	4.4										
			LN			30.0	0.7								
			LE			30.0	0.7								
CN2	63.9	331	PD	15 46 02.0	- 0.1										
1984 6 5															
O = 16 59 33.5 +/- 0.08 SEC															
LAT = 27.91 N +/- 2.06 KM															
LONG = 128.67 E +/- 3.70 KM															
DEPTH = 11 KM +/- 0.01 KM															
Ms(CHINA) = 3.8/1															
STATIONS USED = 5, STAND DEV = 1.09 SEC															
CN2	16.1	351	EP	17 03 22.0	0.7										
			ES	17 06 13.0	- 6.9										
			LG ₂	17 08 25.0	1.3										
			LN		Ms=4.2	11.0	0.3								
MDJ	16.7	2	EP	17 03 29.0	- 0.2										
XAN	18.0	294	P	17 03 45.2	- 0.4										
CD2	21.9	283	P	17 04 30.5	1.7										
GTA	26.5	303	P	17 05 11.8	- 1.5										
1984 6 5															
O = 22 33 22.8 +/- 0.23 SEC															
LAT = 6.80 S +/- 5.72 KM															
LONG = 76.20 W +/- 2.97 KM															
DEPTH = 19 KM +/- 0.02 KM															
mb(NEIS) = 5.0															
STATIONS USED = 12, STAND DEV = 3.46 SEC															
BJI	145.1	343	EPKP	22 52 57.0	- 3.1										
XAN	152.5	350	EPKP	22 53 17.0	5.0										
1984 6 6															
O = 05 33 27.6 +/- 0.12 SEC															
LAT = 40.45 N +/- 2.13 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
LONG = 73.11 E +/- 1.61 KM DEPTH = 15 KM +/- 0.31 KM mb(NEIS) = 4.7, ML(CHINA) = 5.2/3 STATIONS USED = 25, STAND DEV = 2.39 SEC															
KSH	2.4	113	PND	05 34 09.0	1.3			GYA	36.2	329	P	05 45 26.6	1.1		
			PG	05 34 12.0	0.2						P _m Z			4.0	1.2
			ISG	05 34 41.0	- 2.5						S	05 51 08.0	5.9		
			S _m N		ML = 5.3	2.0	15.9				S _m N			10.0	4.2
WMQ	11.3	67	E(P)	05 36 11.5	- 1.1			WHN	36.8	343	EP	05 45 31.5	1.1		
			LG ₁	05 39 32.0	8.2			NJ2	37.2	350	PD	05 45 34.0	0.2		
			LN			2.5	0.4				IS	05 51 20.0	2.7		
			LE			2.0	0.2	KMI	37.3	323	EP	05 45 36.0	1.3		
LSA	18.2	120	EP	05 37 42.2	- 0.3						P _m Z			4.0	1.6
GTA	20.5	84	PC	05 38 05.9	- 2.2						LN		Ms = 5.5	15.0	6.2
CD2	26.5	101	(P)	05 39 06.2	- 1.0			CD2	41.3	330	P	05 46 08.5	0.6		
1984 6 6 O = 05 38 24.8 +/- 0.87 SEC LAT = 4.73 S +/- 2.07 KM LONG = 125.92 E +/- 1.66 KM DEPTH = 45 KM +/- 6.24 KM Ms(CHINA) = 5.6/19, Msz(NEIS) = 5.9, mb(NEIS) = 5.7 STATIONS USED = 85, STAND DEV = 1.23 SEC															
QZN	28.4	326	EP	05 44 17.8	0.0						PCP	05 48 08.5	2.8		
			SCS	05 54 51.0	- 5.1						S	05 52 19.0	0.0		
			LN		Ms = 5.9	13.0	13.4				S _m E			6.0	2.6
			LE				15.3				SS	05 55 20.0	1.7		
GZ11	30.3	336	PU	05 44 34.4	0.4			TIA	41.6	349	EP	05 46 08.6	- 1.5		
			IS	05 49 36.0	6.5						S	05 52 13.0	- 9.9		
			S _m N			11.0	3.0				S _m N			10.0	3.9
			S _m E			11.0	6.1				S _m E			10.0	3.0
			LN		Ms = 5.6	13.0	6.1	XAN	41.8	338	EP	05 46 11.6	- 0.3		
			LE			13.0	7.3				S	05 52 25.4	- 0.8		
QZH	30.3	346	P	05 44 36.0	1.2						S _m E			11.0	6.7
			P _m Z			4.0	1.5	DL2	43.6	355	EP	05 46 26.8	0.0		
			IS	05 49 32.5	1.6						S	05 52 53.0	0.2		
			S _m N			8.0	2.6				S _m E			9.0	1.7
			S _m E			8.0	2.8				SS	05 56 08.0	7.2		
			SS	05 51 15.0	3.9						LN		Ms = 5.7	11.0	3.4
			LN		Ms = 5.2	11.0	2.9				LE			12.0	5.1
SSE	35.9	353	PR	05 45 23.5	0.4			TIY	44.1	344	EP	05 46 29.9	- 0.7		
			P _m Z			7.0	1.6				P _m Z			6.0	1.1
			PP	05 46 50.0	5.5						S	05 52 54.0	- 5.6		
			S	05 51 00.0	2.4						S _m E			11.0	2.0
			S _m N			14.0	5.3				SCS	05 56 28.0	6.4		
			LE		Ms = 5.5	12.0	5.1	BJI	45.4	349	EP	05 46 41.0	- 0.6		
											ES	05 53 21.0	1.6		
											S _m N			5.5	2.5
											S _m E			6.0	1.5
											LN		Ms = 5.4	11.0	1.7
											LE			13.0	2.4

June



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	45.6	334	PD	05 46 43.3	0.5			O = 10 57 38.8 ± 0.24 SEC LAT = 10.23 S ± 1.15 KM LONG = 161.24 E ± 0.98 KM DEPTH = 83 KM ± 1.70 KM mb(NEIS) = 5.3 STATIONS USED = 75, STAND DEV = 0.84 SEC							
			P _m Z			1.5	0.8	QZH	54.3	310	EP	11 06 59.8	0.4		
			S	05 53 14.0	- 7.6			SSE	56.2	318	PD	11 07 12.8	- 0.5		
			S _m E			18.0	30.5				P _m Z			1.0	0.04
			ESS	05 56 40.0	3.7			GZH	57.4	305	EP	11 07 22.2	0.7		
			LN	Ms=6.7		22.0	52.8	NJ2	58.4	317	PD	11 07 28.2	- 0.2		
			LE			22.0	89.1				ES	11 15 30.0	6.7		
SNY	46.4	357	IPR	05 46 47.0	- 2.0			WHN	60.6	313	IPD	11 07 43.0	- 0.6		
			P _m Z			10.0	1.3	DL2	61.2	325	EP	11 07 47.0	- 0.9		
			S	05 53 26.5	- 6.4			MDJ	61.6	334	PC	11 07 50.0	- 0.7		
			S _m N			19.0	3.6	TIA	62.1	320	PD	11 07 52.9	- 1.0		
			S _m E			20.0	2.6	SNY	62.3	328	EP	11 07 54.0	- 1.0		
			SS	05 56 46.0	- 4.4						ES	11 16 11.0	- 2.2		
			LN	Ms=5.7		20.0	4.1	CN2	62.8	331	IPC	11 07 58.0	- 0.8		
			LE			20.0	7.1				P _m Z			3.0	0.3
HHC	47.2	345	EP	05 46 55.1	- 0.7						EPP	11 10 28.0	9.4		
BTO	47.4	343	EP	05 46 54.9	- 2.3						S	11 16 24.0	3.7		
LSA	47.8	317	P	05 47 01.2	0.7						S _m E			4.0	0.3
			PCP	05 48 30.3	2.3			GYA	64.3	305	P	11 08 08.8	0.2		
			IS	05 54 00.8	7.2			BJI	65.1	323	EP	11 08 13.0	- 0.6		
			S _m N			11.0	5.2	TIY	66.0	319	EP	11 08 18.5	- 0.9		
			SCS	05 56 43.3	- 2.3			XAN	66.3	314	P	11 08 21.0	- 0.5		
			LN	Ms=5.4		17.0	3.6	KMI	66.9	302	PU	11 08 26.0	0.6		
CN2	48.3	359	PR	05 47 03.0	- 1.2						ES	11 17 05.0	- 6.1		
			LN	Ms=5.9		16.0	7.3	HHC	68.4	321	P	11 08 34.2	- 0.2		
			LE			16.0	7.8	CD2	68.6	308	EP	11 08 35.4	- 0.3		
MDJ	49.2	3	IPC	05 47 10.5	- 0.8			BTO	69.2	320	P	11 08 39.7	0.3		
			PP	05 49 08.0	3.3			LZH	71.0	313	PC	11 08 50.5	0.3		
			S	05 54 14.0	0.9						P _m Z			1.5	0.1
			S _m N			10.0	1.6	GTA	75.3	315	PC	11 09 16.7	1.0		
			LE	Ms=5.4		13.0	2.7	LSA	78.2	303	EP	11 09 32.2	0.2		
GTA	50.1	333	P	05 47 17.6	- 0.5			WMQ	85.4	315	P	11 10 08.6	- 0.6		
			S	05 54 28.0	2.7			1984 6 6 O = 19 26 10.5 ± 1.39 SEC LAT = 0.31 N ± 2.86 KM LONG = 99.80 E ± 2.96 KM DEPTH = 25 KM ± 10.02 KM Ms(CHINA) = 4.6/3, Msz(NEIS) = 4.5, mb(NEIS) = 4.6 STATIONS USED = 18, STAND DEV = 2.19 SEC							
			LN	Ms=5.4		13.0	2.6								
WMQ	59.3	328	PC	05 48 25.0	- 0.2										
			P _m Z			1.5	0.3								
			PP	05 50 39.5	2.4										
			S	05 56 33.0	3.9										
			LN	Ms=6.1		16.0	10.2								
			LE			15.0	3.0								
KSH	63.6	318	EP	05 48 54.0	0.0										
			PCP	05 49 25.0	- 3.8										
			IS	05 57 29.0	5.6										
			ESCS	05 58 47.0	8.7										

1984 6 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
QZN	21.1	27	EP	19 30 57.0	1.6						PCP	19 45 47.0	0.4		
			S	19 34 49.5	5.7						(S)	19 49 36.5	2.3		
			LE	Ms=4.6		13.0	1.6				LE			14.0	0.4
KMI	24.8	6	EP	19 31 31.0	- 1.8			SNY	40.3	355	IPC	19 43 47.3	- 1.0		
			AP	19 31 41.0	0.7			LZH	40.8	330	P	19 43 53.2	0.9		
			ES	19 35 53.0	1.2						P _m Z			1.5	0.07
			LN	Ms=4.6		10.0	0.9	HHC	41.7	341	EP	19 44 00.2	0.1		
GYA	26.8	13	P	19 31 55.2	3.9			CN2	42.2	357	EP	19 44 01.6	- 2.0		
LSA	30.4	345	EP	19 32 22.7	- 0.8						PCP	19 45 55.0	0.4		
XAN	34.6	13	EP	19 33 03.0	2.8						ES	19 50 07.0	- 3.4		
GTA	38.9	0	EP	19 33 35.1	- 1.4			MDJ	43.0	2	PC	19 44 10.0	- 0.3		
			LE	Ms=4.6		11.0	0.2	LSA	44.4	312	P	19 44 23.9	1.7		
BJI	42.3	18	(P)	19 34 01.5	- 2.5						S	19 50 47.7	3.7		
WMQ	44.6	347	PC	19 34 22.6	- 0.9			GTA	45.4	329	IPC	19 44 29.8	0.5		
											P _m Z			1.0	0.02
											PCP	19 46 06.0	0.5		
											SCP	19 49 45.0	4.7		
											S	19 50 57.5	0.8		
											SCS	19 54 09.9	5.7		
								WMQ	54.9	325	PC	19 45 41.0	- 0.8		
											P _m Z			1.5	0.05
											AP	19 46 15.5	- 4.9		
											PCP	19 46 40.8	0.1		
											S	19 53 11.6	2.8		
											S _m N			3.0	0.1
											SCS	19 55 12.5	3.3		
1984 6 6															
O=19 36 25.9 +/- 0.60 SEC															
LAT=1.48 N +/- 1.66 KM															
LONG=127.40 E +/- 1.24 KM															
DEPTH=171 KM +/- 4.33 KM															
mb(NEIS)=5.2															
STATIONS USED=74, STAND DEV=1.12 SEC															
QZN	24.5	316	P	19 41 31.4	0.										
			S	19 45 41.5	5.2										
QZH	24.8	340	EP	19 41 34.5	0.5										
			S	19 45 42.0	0.2										
			S _m N			14.0	0.8								
			S _m E			14.0	0.7								
GZH	25.4	328	EP	19 41 39.1	- 0.7										
SSE	30.0	349	PC	19 42 21.4	0.1										
			P _m Z			1.0	0.04								
			LE			16.0	1.1								
WHN	31.4	338	EP	19 42 34.0	0.4										
GYA	31.8	323	P	19 42 38.0	0.8										
KMI	33.4	316	IPC	19 42 52.0	0.9										
			P _m Z			1.5	0.1								
			ES	19 48 04.0	4.6										
TIA	35.8	345	PC	19 43 10.5	- 0.7										
			PCP	19 45 35.6	1.0										
			LE			11.0	0.7								
XAN	36.7	333	EP	19 43 18.3	- 0.3										
			S	19 48 50.0	0.8										
CD2	36.8	324	EP	19 43 19.8	0.1										
TIY	38.6	340	EP	19 43 34.5	0.2										
			LE			13.0	0.9								
BJI	39.7	346	EP	19 43 42.5	- 0.9										
1984 6															
O=09 19 21.3 +/- 0.07 SEC															
LAT=73.19 N +/- 1.37 KM															
LONG=6.11 E +/- 1.07 KM															
DEPTH=10 KM +/- 0.20 KM															
Ms(CHINA)=4.9/5, Msz(NEIS)=5.0, mb(NEIS)=4.8															
STATIONS USED=36, STAND DEV=1.23 SEC															
WMQ	46.3	82	EP	09 27 51.0	1.3										
			P _m Z			2.5	0.09								
			PCP	09 29 25.0	0.4										
			PP	09 29 47.5	9.9										
			LN	Ms=4.9		15.0	1.0								
GTA	53.8	73	EP	09 28 47.9	0.6										
			ES	09 36 20.0	- 1.1										
			LN	Ms=4.5		14.0	0.3								
CN2	56.2	49	PC	09 29 03.3	- 1.0										
			P _m Z			3.0	0.3								
			LE	Ms=4.8		14.0	0.5								
MDJ	56.3	45	EP	09 29 03.6	- 1.5										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
BJI	57.6	58	P	09 29 15.0	0.9						LN			1.4	0.5
LZH	58.0	71	EP	09 29 18.5	0.8			CN2	29.3	9	EP	13 10 05.5	2.8		
			P _m Z			2.5	0.09				LE		Ms=4.4	15.0	0.7
TIY	58.8	62	EP	09 29 24.0	1.0			1984 6 7							
			ES	09 37 35.0	7.7			O=19 45 26.2			+/-	0.15 SEC			
			LE		Ms=5.0	15.0	0.9	LAT=12.20 N			+/-	0.01 KM			
LSA	60.4	85	EP	09 29 35.6	1.0			LONG=95.30 E			+/-	0.03 KM			
			ES	09 37 57.6	8.7			DEPTH=32 KM			+/-	0.02 KM			
TIA	61.4	59	EP	09 29 40.8	0.0			STATIONS USED=4, STAND DEV=3.28 SEC							
			ES	09 38 04.0	3.2			CD2	20.2	21	EP	19 49 58.2	- 3.0		
			LN		Ms=4.9	13.0	0.5	GTA	27.4	7	P	19 51 10.1	- 1.1		
CD2	62.9	73	EP	09 29 50.0	- 0.7			CN2	40.8	33	PC	19 53 05.2	- 1.4		
			(S)	09 38 23.0	3.7			1984 6 7							
GYA	67.9	72	EP	09 30 22.8	- 0.3			O=20 34 30.9			+/-	0.20 SEC			
			S	09 39 31.0	10.0			LAT=12.11 N			+/-	0.02 KM			
KMI	68.1	76	EP	09 30 24.0	- 0.3			LONG=95.20 E			+/-	0.01 KM			
			ES	09 39 27.0	3.9			DEPTH=32 KM			+/-	0.03 KM			
			S _m E			12.0	0.4	mb(NEIS)=4.3							
1984 6 7															
				O=13 04 00.5			+/-	0.24 SEC							
				LAT=14.87 N			+/-	1.09 KM							
				LONG=119.19 E			+/-	4.86 KM							
				DEPTH=32 KM			+/-	0.88 KM							
				Ms(CHINA)=4.3/9											
				STATIONS USED=17, STAND DEV=5.28 SEC											
QZN	9.9	296	EP	13 06 19.8	- 3.3			CD2	20.3	21	EP	20 39 04.4	- 2.9		
			S	13 08 13.0	- 0.8			XAN	25.2	27	P	20 39 51.9	- 3.4		
			LN		Ms=3.8	10.0	0.3	GTA	27.5	7	EP	20 40 15.8	- 1.2		
			LE			14.0	0.5	1984 6 7							
KMI	18.5	306	EP	13 08 18.5	2.0			O=21 14 48.6			+/-	0.08 SEC			
			LE		Ms=3.9	12.0	0.4	LAT=32.56 N			+/-	1.69 KM			
XAN	21.2	335	EP	13 08 48.2	2.1			LONG=121.76 E			+/-	0.83 KM			
			S	13 12 44.6	9.0			DEPTH=0 KM							
			LN		Ms=4.4	12.0	0.5	Ms(CHINA)=4.1/1, ML(CHINA)=4.3/15							
			LE			12.0	0.7	STATIONS USED=28, STAND DEV=2.97 SEC							
TIA	21.3	355	EP	13 08 46.4	- 0.8			SSE	1.5	198	PNC	21 15 19.0	1.5		
			ES	13 12 47.0	9.5						PG	21 15 20.0	3.2		
			LN		Ms=4.4	14.0	1.0				SN	21 15 37.7	- 0.8		
			LE			14.0	0.6				SG	21 15 39.2	2.2		
CD2	21.3	321	EP	13 08 45.6	- 1.6						S _m N		ML=4.6	1.0	5.3
			ES	13 12 40.0	2.4						S _m E			1.0	10.0
			XS	13 12 52.0	0.7			NJ2	2.5	259	PN	21 15 31.6	0.1		
			LE		Ms=4.1	12.0	0.5				PG	21 15 36.2	1.8		
LZH	25.2	329	EP	13 09 23.7	- 1.5						SG	21 16 08.0	0.7		
BJI	25.2	354	EP	13 09 25.0	- 0.2			TIA	5.3	314	EPN	21 16 10.6	- 0.3		
											SN	21 17 09.0	- 4.4		
											SG	21 17 41.1	7.0		
											S _m N		ML=3.8	0.6	0.09
											S _m E			0.8	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
DL2	6.3	359	EPG	21 16 46.4	2.4			DL2	52.6	330	EP	22 01 40.0	0.0		
			SG	21 18 19.5	2.9						ES	22 09 08.0	3.6		
			S _m N		ML=4.3	1.2	0.1	TIA	53.0	324	EP	22 01 42.0	-1.0		
			S _m E			1.2	0.3				PCP	22 02 51.4	0.7		
WHN	6.6	254	PND	21 16 32.0	2.0						PCS	22 06 46.0	-2.0		
			SG	21 18 16.3	-0.2						ES	22 09 14.0	4.2		
			S _m N		ML=4.3	0.7	0.2				S _m N			9.0	0.3
			S _m E			0.5	0.1				LN		Ms=5.0	20.0	1.3
QZH	8.1	200	EP	21 16 49.8	-0.5			MDJ	54.1	340	EP	22 01 49.0	-2.1		
			ES	21 18 27.2	3.7			GYA	54.3	308	P	22 01 52.8	0.5		
			S _m N		ML=4.5	1.0	0.1				XP	22 02 07.0	2.5		
			S _m E			1.0	0.1				PP	22 04 03.0	8.3		
BJI	8.7	330	EP	21 16 58.0	-1.0			CN2	54.9	336	PC	22 01 55.4	-1.5		
SNY	9.4	8	EP	21 17 07.0	-1.0						XP	22 02 11.0	1.8		
			LG ₁	21 19 45.6	3.0						PCP	22 02 57.6	-0.2		
			LG ₂	21 19 53.8	-3.7						ES	22 09 35.0	-0.4		
			LN			0.8	0.02				ESCS	22 11 40.0	0.2		
			LE			0.8	0.02				LN		Ms=4.7	12.0	0.4
XAN	10.8	281	P	21 17 26.6	-1.9			BJI	56.3	327	EP	22 02 05.5	-1.2		
			LG ₂	21 20 48.1	1.6						ES	22 09 54.5	1.0		
CD2	15.4	268	EP	21 18 26.4	-2.9						S _m N			9.0	0.1
1984 6 7															
O=21 52 25.8 +/- 0.66 SEC															
LAT=5.92 S +/- 1.56 KM															
LONG=151.76 E +/- 1.40 KM															
DEPTH=28 KM +/- 4.76 KM															
Ms(CHINA)=4.7/6, mb(NE IS)=5.6															
STATIONS USED=61, STAND DEV=1.26 SEC															
QZH	44.5	314	PD	22 00 38.5	1.2			XAN	56.7	317	P	22 02 08.5	-1.6		
			AP	22 00 48.0	2.2			KMI	56.8	305	PD	22 02 10.5	-0.1		
SSE	47.0	323	EP	22 01 01.7	4.8						AP	22 02 20.5	1.6		
			S	22 07 40.0	-6.2						ES	22 10 05.0	4.4		
			LN		Ms=4.2	20.0	0.3				LE		Ms=4.8	10.0	0.3
GZH	47.3	308	EP	22 01 01.0	1.5			CD2	58.7	311	EP	22 02 23.0	-0.9		
			AP	22 01 09.2	1.2			HHC	59.4	325	PC	22 02 28.2	-0.4		
			ES	22 07 56.5	5.6			LZH	61.3	316	P	22 02 41.8	-0.3		
			S _m E			12.0	0.6				P _m Z			2.5	0.08
QZN	48.2	301	EP	22 01 07.0	0.9			LSA	68.0	305	P	22 03 25.9	0.0		
			S	22 08 07.5	4.8			1984 6 8							
			LN		Ms=4.8	13.0	0.4	O=00 01 58.9 +/- 0.16 SEC							
			LE			13.0	0.4	LAT=5.73 S +/- 0.03 KM							
NJ2	49.1	322	PC	22 01 14.0	0.9			LONG=151.77 E +/- 0.01 KM							
			AP	22 01 23.0	1.4			DEPTH=34 KM +/- 0.02 KM							
			S	22 08 19.0	3.5			Ms(CHINA)=4.9/8, Msz(NE IS)=5.3, mb(NE IS)=5.5							
WHN	51.0	317	E(P)	22 01 25.5	-2.0			STATIONS USED=56, STAND DEV=3.57 SEC							
								QZH	44.4	314	EP	00 10 10.0	1.5		
											AP	00 10 19.0	0.9		
											XP	00 10 24.0	1.8		
											PP	00 11 53.0	-0.4		
											S	00 16 45.0	4.3		
											S _m E			8.0	0.2
											SS	00 19 50.0	-1.5		

June

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
SSE	46.8	323	LN	Ms=4.4		14.0	0.4	CD2	58.6	311	EP	00 11 55.9	0.6		
			EP	00 10 27.0	- 1.0	ES	00 20 04.0				8.4				
			EAP	00 10 36.0	- 1.6	LZH	00 12 14.5				1.1				
			ES	00 17 17.0	1.3	LSA	00 12 58.6				1.1				
			LN	Ms=4.9		18.0	0.9				WMQ	00 13 44.5	0.8		
GZH	47.2	308	LE			18.0	0.7				PP	00 16 44.0	9.4		
			EP	00 10 33.0	2.1			PP _m Z			2.0	0.03			
			ES	00 17 26.5	5.5			ES	00 23 30.0	7.6					
			S _m N			10.0	0.5	KSH	00 14 22.0	0.2					
			S _m E			11.0	0.9	S	00 24 45.0	8.4					
QZN	48.1	301	LN	Ms=5.0		13.0	0.8				S _m E			10.0	0.8
			LE			13.0	0.9								
			EP	00 10 39.5	1.9			1984 6 8							
			ES	00 17 37.0	3.9			O = 01 41 15.1	+/-	0.13 SEC					
			LE	Ms=5.0		19.0	1.4	LAT = 5.92 S	+/-	3.32 KM					
NJ2	48.9	322	PC	00 10 46.0	1.8			LONG = 104.03 E	+/-	2.17 KM					
			XP	00 11 00.0	2.2			DEPTH = 45 KM	+/-	0.42 KM					
			S	00 17 47.5	2.4			Ms(CHINA) = 6.2/27, Msz(NEIS) = 6.1, mb(NEIS) = 5.5							
WHN	50.8	317	E(P)	00 11 00.0	1.2			STATIONS USED = 91, STAND DEV = 1.87 SEC							
			DL2	52.4	330	EP	00 11 09.0	- 2.0							
			ES	00 18 34.0	0.2										
SNY	53.9	334	LE	Ms=4.7		14.0	0.6	QZN	25.4	12	EP	01 46 42.6	1.8		
			PR	00 11 23.0	1.4										
			PP	00 13 18.0	- 5.5			AP	01 46 53.0	1.1					
			SCP	00 16 20.4	0.5			PP	01 47 24.5	4.6					
			S	00 19 00.0	6.9			PP _m Z			5.5	1.7			
			S _m N			28.0	1.9	S	01 51 10.0	7.6					
			S _m E			28.0	1.5	LN	Ms=6.1		14.5	32.0			
			SS	00 22 40.0	7.7			LE			14.5	27.4			
			LN	Ms=5.0		16.0	0.9	GZH	30.2	17	EP	01 47 24.8	0.6		
			LE			18.0	0.9	S	01 52 24.5	4.9					
MDJ	53.9	340	LN	Ms=6.1		14.0	8.9								
			LE			15.0	35.3								
GYA	54.1	308	EP	00 11 21.0	- 1.1			KMI	30.9	357	PD	01 47 33.0	2.8		
			P	00 11 25.0	1.2			AP	01 47 43.0	1.6					
			S	00 19 04.0	6.8			ES	01 52 35.0	4.7					
CN2	54.7	336	P	00 11 27.0	- 0.9			XS	01 52 50.0	0.6					
			P _m Z			4.0	0.3	LN			18.0	1.6			
			ES	00 19 05.0	0.3			GYA	32.3	4	P	01 47 45.0	2.6		
			ESS	00 22 49.0	3.0			AP	01 47 52.0	- 1.8					
			LN	Ms=4.9		15.0	0.8	PP	01 48 45.0	- 4.7					
XAN	56.6	317	S	01 52 55.0	2.8			S	01 52 55.0	2.8					
			EP	00 11 41.0	- 0.4			LN	Ms=6.6		15.0	29.2			
TIY	56.6	322	EP	00 11 40.0	- 1.7			LE			15.0	81.1			
			ES	00 19 36.0	5.7			QZH	33.8	24	EP	01 47 55.0	- 0.3		
			LN	Ms=5.1		18.0	1.5				ES	01 53 16.0	0.7		
KMI	56.7	304	PC	00 11 43.0	0.9			S _m N			12.0	2.4			
			ES	00 19 35.0	4.1			LN	Ms=6.0		13.0	17.7			
			S _m E			11.0	0.4	CD2	36.6	359	EP	01 48 17.8	- 1.7		

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		
LSA	37.5	341	ES	01 53 54.0	- 5.1			GTA	45.3	355	P	01 49 29.8	- 1.0				
			SCS	01 58 34.5	6.3		SCP				01 55 04.0	7.2					
			LE	Ms=6.7		18.0	121.5				S	01 56 09.4	1.7				
			PC	01 48 27.0	- 0.4		SCS				01 59 26.4	6.7					
			S	01 54 13.6	0.1		S _m E						8.0	0.9			
			LN	Ms=5.9		17.0	13.2				LE	Ms=6.5		10.5	33.5		
WHN	37.6	14	LE			17.0	11.3	BTO	46.6	6	P	01 49 43.5	2.1				
			EP	01 48 28.0	0.5		AP				01 49 52.0	- 1.1					
			AP	01 48 34.5	- 4.7		S				01 56 32.0	5.2					
			PCP	01 50 54.0	9.7		SCS				01 59 35.0	6.6					
XAN	40.0	6	LN	Ms=6.2		15.0	26.9	HHC	47.1	7	EP	01 49 45.0	0.2				
			EP	01 48 45.0	- 2.8		BJI				47.1	12	EP	01 49 44.5	- 0.4		
			PP	01 50 14.0	- 9.9		ESCP						01 55 10.0	5.7			
			S	01 54 50.0	- 0.5		ES						01 56 37.0	3.8			
SS	01 57 45.0	3.6		S _m N			13.0	1.4									
SSE	40.3	23	LN	Ms=5.8		13.0	6.8	DL2	47.5	18	EP	01 49 48.0	- 0.1				
			LE			15.0	5.9				EPCP	01 51 17.0	- 0.3				
			EP	01 48 53.0	3.0		S				01 56 40.0	1.0					
			AP	01 49 02.0	0.2		LN				Ms=6.1		13.0	9.4			
			XP	01 49 06.0	- 1.3		LE						17.0	15.5			
			SCP	01 54 41.0	4.2		SNY				50.8	18	EP	01 50 10.0	- 3.3		
PCS	01 54 47.5	5.5		IS	01 57 24.5	- 0.2											
ES	01 55 02.0	7.4		S _m N			21.0	7.1									
XS	01 55 19.0	4.6		S _m E			20.0	3.0									
LN	Ms=6.2		13.0	1.6	XS	01 57 45.0	0.1										
LE			11.0	8.4	LN	Ms=6.3		17.0	18.3								
NJ2	40.3	19	EP	01 48 51.0	0.8			WMQ	51.7	344	PD	01 50 19.4	- 0.8				
			SCP	01 54 44.8	7.9		PP				01 52 19.0	1.5					
			S	01 54 58.5	3.6		PP _m Z						2.0	0.2			
LZH	41.8	359	EP	01 49 03.5	1.0			KSH	52.1	332	EP	01 50 22.0	- 1.3				
			PP	01 50 33.5	- 8.9		IS				01 57 45.0	2.1					
			S	01 55 13.0	- 4.1		EXS				01 58 03.0	0.1					
			S _m N			9.2	0.8				LN	Ms=6.5		15.0	37.1		
TIA	43.7	15	S _m E			14.2	1.8	CN2	53.1	19	P	01 50 30.2	- 1.0				
			SS	01 58 16.5	- 1.3												
			LE	Ms=6.4		15.0	36.7										
			EP	01 49 16.8	- 1.0												
TIY	44.1	9	S	01 55 47.0	2.6												
			SCS	01 59 13.8	4.1												
			EP	01 49 23.0	1.6												
			AP	01 51 31.0	- 2.1												
TIY	44.1	9	PP	01 51 12.0	6.5												
			PP _m Z			8.0	1.3										
			S	01 55 53.5	2.6												
			S _m N			13.0	1.7										
LN	Ms=6.3		13.0	24.0													

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			P _m Z			2.0	0.4								
			ES	01 57 57.0	- 0.3										
			LN		Ms=6.2	15.0	17.0								
MDJ	55.3	22	EP	01 50 46.5	- 0.6										
			S	01 58 26.0	- 0.5										
			LE		Ms=6.1	13.0	11.7								
1984 6 8															
O=05 02 44.9 +/- 0.67 SEC															
LAT=5.94 S +/- 2.50 KM															
LONG=104.06 E +/- 1.80 KM															
DEPTH=59 KM +/- 4.80 KM															
Ms(CHINA)=5.1/12, mb(NEIS)=5.0															
STATIONS USED=36, STAND DEV=1.31 SEC															
KMI	30.9	357	EP	05 08 59.0	0.3										
			ES	05 13 50.0	- 7.7										
			LN		Ms=5.1	13.0	3.0								
GYA	32.3	4	EP	05 09 12.0	1.1										
			LE		Ms=4.8	16.0	1.7								
CD2	36.6	359	EP	05 09 46.1	- 1.8										
			LE		Ms=5.2	14.0	2.8								
LSA	37.5	341	EP	05 09 55.4	- 0.5										
XAN	40.0	6	P	05 10 14.2	- 1.9										
			LN		Ms=5.9	10.0	6.5								
			LE			13.0	8.5								
NJ2	40.3	19	EP	05 10 18.8	0.3										
LZH	41.8	359	EP	05 10 30.7	- 0.2										
TIY	44.1	9	EP	05 10 53.1	3.4										
			LE		Ms=5.4	13.5	3.2								
GTA	45.3	355	EP	05 10 58.1	- 1.0										
			LN		Ms=5.6	15.0	5.0								
BTO	46.6	6	EP	05 11 10.6	0.9										
			LN		Ms=5.2	15.0	1.5								
			LE			15.0	1.5								
HHC	47.1	7	EP	05 11 14.8	1.7										
WMQ	51.7	344	PC	05 11 47.0	- 1.7										
			ES	05 19 01.2	- 3.5										
CN2	53.1	19	PD	05 11 58.8	- 0.7										
			ES	05 19 22.0	- 2.3										
			LE		Ms=5.0	13.0	0.9								
MDJ	55.3	21	EP	05 12 14.5	- 0.8										
1984 6 8															
O=05 31 43.3 +/- 0.09 SEC															
LAT=5.94 S +/- 2.91 KM															
LONG=104.22 E +/- 1.26 KM															
DEPTH=88 KM															
STATIONS USED=8, STAND DEV=1.05 SEC															
CD2	36.6	359	EP	05 38 44.0	0.4										
XAN	40.0	6	P	05 39 13.0	1.4										
CN2	53.1	19	EP	05 40 53.6	- 1.0										
1984 6 8															
O=07 31 16.8 +/- 0.19 SEC															
LAT=5.96 S +/- 5.59 KM															
LONG=103.90 E +/- 1.99 KM															
DEPTH=65 KM															
Ms(CHINA)=4.6/2, mb(NEIS)=4.6															
STATIONS USED=14, STAND DEV=2.19 SEC															
CD2	36.7	359	P	07 38 20.8	1.3										
			LE		Ms=4.5	13.0	0.5								
XAN	40.1	6	EP	07 38 45.0	- 2.9										
CN2	53.2	19	EP	07 40 29.0	- 2.4										
			(S)	07 47 49.0	- 7.3										
			LE		Ms=4.7	13.0	0.4								
1984 6 8															
O=10 05 19.8 +/- 0.56 SEC															
LAT=5.15 S +/- 2.31 KM															
LONG=80.38 W +/- 2.03 KM															
DEPTH=82 KM +/- 3.98 KM															
mb(NEIS)=4.9															
STATIONS USED=24, STAND DEV=2.27 SEC															
CN2	135.3	333	PKPC	10 24 29.5	- 1.8										
TIA	145.1	334	EPKP	10 24 47.6	- 1.3										
TIY	145.5	341	PKP	10 24 49.4	- 0.2										
GTA	145.9	359	IPKPD	10 24 50.9	0.6										
NJ2	147.7	328	PKPC	10 24 55.5	2.3										
			PKP _m Z										1.2	0.01	
LZH	149.0	353	EPKP	10 25 00.5	5.2										
			PKP _m Z											0.7	0.04
WHN	151.2	332	PKPD	10 25 03.7	5.1										
QZH	153.2	319	PKPC	10 24 55.5	- 5.9										
1984 6 8															
O=16 08 55.6 +/- 0.15 SEC															
LAT=28.79 N +/- 0.72 KM															
LONG=140.41 E +/- 3.20 KM															
DEPTH=57 KM +/- 0.58 KM															
STATIONS USED=6, STAND DEV=3.21 SEC															
TIA	21.0	296	EP	16 13 35.0	- 1.4										
CD2	31.8	282	EP	16 15 17.3	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							
GTA	35.0	298	P	16 15 43.1	- 1.9						S	03 31 12.0	1.2									
1984 6 8 O=17 17 18.9 +/- 0.18 SEC LAT=38.27 N +/- 2.67 KM LONG=90.55 E +/- 1.76 KM DEPTH=11 KM +/- 0.34 KM ML(CHINA)=4.3/5 STATIONS USED=15, STAND DEV=3.46 SEC																						
WMQ	5.9	339	EPN	17 18 50.7	1.3			CN2	10.4	287	P	03 30 17.0	- 3.6									
			PG	17 19 08.0	0.6						ES	03 32 11.0	- 6.3									
			SN	17 19 58.4	- 0.3						LE	Ms=3.9	12.0	0.7								
			SG	17 20 29.6	4.3			SNY	11.7	277	PR	03 30 39.3	1.2									
			S _m N	ML=4.3	0.7	0.2					LN	Ms=4.0	12.5	0.4								
			S _m E		0.9	0.2					LE		14.0	0.9								
KMI	16.7	138	EP	17 21 14.0	- 1.0			DL2	13.7	265	EP	03 31 03.0	- 1.4									
GYA	18.0	126	P	17 21 29.6	- 1.3						EXP	03 31 14.0	- 2.5									
1984 6 8 O=23 53 39.0 +/- 0.10 SEC LAT=45.04 N +/- 2.87 KM LONG=150.53 E +/- 1.20 KM DEPTH=37 KM +/- 0.25 KM mb(NEIS)=4.9 STATIONS USED=38, STAND DEV=1.22 SEC																						
MDJ	14.9	275	EP	23 57 12.0	3.5						ES	03 33 40.0	3.8									
CN2	17.9	274	P	23 57 46.2	- 1.4						LN	Ms=4.0	11.0	0.3								
SNY	19.8	270	EP	23 58 08.5	- 0.8						LE		11.0	0.6								
BJI	25.7	270	(P)	23 59 06.5	- 1.1			SSE	17.8	240	EP	03 31 56.0	- 1.0									
TIA	26.7	262	EP	23 59 17.0	0.0						XS	03 35 20.0	- 3.8									
NJ2	27.8	253	PC	23 59 30.2	3.4						LE	Ms=4.1	11.0	0.6								
HHC	28.6	275	P	23 59 34.2	- 0.5			TIA	18.0	260	EP	03 31 57.8	- 1.5									
TIY	29.3	269	EP	23 59 40.2	- 0.4						EXP	03 32 09.0	- 2.7									
LZH	36.1	272	P	24 00 40.0	- 0.3						LN	Ms=4.0	12.0	0.5								
GTA	37.5	279	IPD	24 00 51.3	- 0.1			NJ2	18.8	246	EP	03 32 09.0	- 0.1									
GYA	39.6	257	P	24 01 08.6	- 0.3			HHC	20.8	277	EP	03 32 31.0	- 0.5									
KMI	43.1	259	PC	24 01 38.5	0.0			TIY	20.9	268	EP	03 32 33.7	0.8									
1984 6 9 O=03 27 50.3 +/- 0.11 SEC LAT=41.42 N +/- 2.44 KM LONG=139.20 E +/- 1.55 KM DEPTH=34 KM +/- 0.30 KM Ms(CHINA)=4.0/10, mb(NEIS)=4.9 STATIONS USED=46, STAND DEV=1.99 SEC																						
MDJ	7.7	297	EP	03 29 44.0	0.6						LE	Ms=4.1	12.0	0.5								
								BTO	22.0	277	EP	03 32 43.7	0.1									
								XAN	25.0	262	P	03 33 12.5	- 0.1									
								LZH	28.0	270	EP	03 33 38.0	- 2.3									
								GTA	29.9	279	P	03 33 56.2	- 1.3									
											LE	Ms=4.1	13.0	0.3								
								CD2	30.3	261	EP	03 34 01.2	0.2									
											LN	Ms=4.4	11.0	0.5								
								GYA	30.6	251	EP	03 34 07.8	3.6									
								1984 6 9 O=05 52 39.4 +/- 0.08 SEC LAT=8.38 S +/- 1.74 KM LONG=120.80 E +/- 0.98 KM DEPTH=32 KM +/- 0.19 KM mb(NEIS)=5.1 STATIONS USED=36, STAND DEV=1.30 SEC														
								QZN	29.3	338	EP	05 58 41.6	0.1									
								GYA	37.2	338	P	05 59 50.6	0.1									
								WHN	39.2	351	P	06 00 07.5	1.0									
								NJ2	40.2	357	P	06 00 15.7	0.4									
								CD2	42.3	338	IPC	06 00 33.0	0.3									
											P _m Z		0.9	0.5								
								XAN	43.7	345	P	06 00 42.4	- 1.0									

June

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	44.5	355	EP	06 00 46.0	- 4.0						$S_m E$			9.0	0.7
LZH	47.0	341	P	06 01 09.7	- 0.6						EXS	11 17 05.0	- 2.3		
DL2	47.0	0	EP	06 01 14.0	3.7						SS	11 17 45.5	- 4.0		
LSA	47.4	324	PD	06 01 13.5	- 0.1						LN	$M_s=4.7$		12.0	1.0
BJI	48.4	355	EP	06 01 19.5	- 1.1						LE			12.0	1.1
GTA	51.4	339	IPC	06 01 43.8	- 0.1			KMI	25.6	304	EP	11 12 23.0	0.0		
											AP	11 12 34.5	- 1.4		
											ES	11 16 51.0	5.7		
											XS	11 17 10.0	2.4		
											LN	$M_s=4.8$		14.0	1.9
								XAN	27.1	327	EP	11 12 35.1	- 1.0		
											ES	11 17 13.0	4.5		
											LN	$M_s=5.0$		15.0	2.0
											LE			13.0	2.3
								DL2	27.3	352	EP	11 12 35.0	- 3.2		
											S	11 17 09.0	- 3.4		
											LN	$M_s=4.8$		8.0	0.6
											LE			12.0	1.2
								CD2	28.0	316	EP	11 12 44.0	- 0.5		
											LN	$M_s=5.4$		14.0	4.8
											LE			13.0	3.9
								TIY	28.5	337	EP	11 12 50.2	0.9		
											ES	11 17 34.0	1.8		
											LE	$M_s=4.5$		13.5	0.9
								SNY	30.0	356	EP	11 13 02.4	- 0.2		
											IS	11 17 59.0	3.2		
											$S_m E$			9.0	0.6
											XS	11 18 17.0	- 2.1		
											SCS	11 23 39.5	6.8		
											LN	$M_s=4.9$		11.0	0.4
											LE			12.0	1.6
								LZH	31.4	324	P	11 13 15.2	0.6		
											$P_m Z$			2.7	0.09
											ES	11 18 16.0	- 1.2		
											$S_m E$			10.0	0.4
											LN	$M_s=5.2$		14.0	2.6
											LE			13.5	2.4
								HHC	31.6	338	EP	11 13 16.6	- 0.1		
								CN2	31.9	359	PC	11 13 20.3	0.9		
											AP	11 13 32.0	- 1.0		
											ES	11 18 26.0	0.2		
											LN	$M_s=4.8$		12.0	1.2
								BTO	32.0	336	EP	11 13 19.1	- 0.7		
											S	11 18 32.0	5.5		
											LN	$M_s=4.8$		12.0	0.9
											LE			12.0	0.8

1984 6 9

O = 11 06 56 .3 +/- 0.66 SEC

LAT = 11.75 N +/- 2.39 KM

LONG = 125.90 E +/- 1.67 KM

DEPTH = 56 KM +/- 4.70 KM

$M_s(China) = 4.9/27$, $mb(NEIS) = 4.8$

STATIONS USED = 59, STAND DEV = 1.74 SEC

QZH	14.8	333	EP	11 10 24.5	0.0										
			$P_m Z$				7.0	0.7							
			AP	11 10 35.0	1.0										
			ES	11 13 08.0	- 0.1										
			SS	11 13 22.0	- 3.0										
			LN	$M_s=4.4$		12.0		1.2							
			LE			12.0		1.0							
GZH	16.4	314	EP	11 10 44.0	- 1.0										
			LN	$M_s=4.8$		13.0		1.5							
			LE			13.0		3.3							
QZN	17.1	297	P	11 10 52.0	- 1.1										
			$P_m Z$				9.0	1.4							
			ES	11 14 10.0	10.0										
			LN	$M_s=4.7$		12.0		1.2							
			LE			15.5		2.9							
SSE	19.7	347	PU	11 11 22.5	- 2.0										
			AP	11 11 37.5	1.4										
			S	11 14 58.0	- 0.8										
			$S_m E$				10.0	2.9							
			LN	$M_s=4.6$		12.0		1.4							
			LE			11.0		0.8							
WHN	21.6	331	EP	11 11 42.5	- 0.6										
GYA	23.3	311	P	11 12 01.6	1.2										
			AP	11 12 12.0	- 1.3										
			S	11 16 15.0	9.7										
			$S_m N$				9.0	1.9							
			LN	$M_s=4.9$		12.0		2.2							
			LE			12.0		1.6							
TIA	25.6	343	P	11 12 22.3	- 0.3										
			EPP	11 13 04.0	1.4										
			ES	11 16 42.0	- 2.6										
			$S_m N$				9.0	0.9							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Λ μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Λ μ
MDJ	32.9	4	EP	11 13 29.5	1.7			TIY	15.6	331	EP	16 42 41.3	2.7		
			S	11 18 42.0	1.1						ELG ₂	16 47 34.0	2.4		
			LE	Ms = 5.1		20.0	4.3				LN	Ms = 3.9		11.0	0.5
GTA	36.0	324	PC	11 13 55.0	0.7			CD2	17.3	296	EP	16 43 00.9	0.7		
			ES	11 19 27.3	- 1.3			LZH	19.5	311	EP	16 43 27.7	1.2		
			S _m N			9.0	0.4	CN2	19.7	7	PC	16 43 29.0	0.0		
			PCS	11 20 09.7	4.3						ES	16 47 01.0	- 4.9		
			LN	Ms = 4.7		13.5	0.8				LN	Ms = 4.4		12.0	0.2
LSA	36.9	304	EP	11 14 03.0	0.7			GTA	24.0	314	EP	16 44 12.6	0.5		
WMQ	45.8	321	PD	11 15 16.5	1.1			LSA	27.8	287	EP	16 44 47.2	- 1.5		
			AP	11 15 27.5	- 1.9			1984 6 9							
			ES	11 22 00.0	4.9			O = 23 07 44.1 +/- 0.13 SEC							
			LN	Ms = 5.5		16.0	4.3	LAT = 26.92 N +/- 2.09 KM							
			LE			15.0	2.1	LONG = 92.50 E +/- 1.76 KM							
KSH	52.0	311	EP	11 16 04.0	1.4			DEPTH = 15 KM +/- 0.33 KM							
			EAP	11 16 14.0	- 2.7			mb(NEIS) = 4.4, ML(CHINA) = 4.2/2							
			ES	11 23 20.0	- 0.7			STATIONS USED = 21, STAND DEV = 2.50 SEC							
			LN	Ms = 5.3		14.0	1.8	LSA	3.0	337	PN	23 08 37.4	4.4		
1984 6 9											PG	23 08 46.5	7.4		
O = 16 38 55.8 +/- 1.34 SEC											SN	23 09 13.9	4.0		
LAT = 24.26 N +/- 3.64 KM								KMI	9.4	98	EP	23 10 03.0	0.7		
LONG = 121.83 E +/- 2.25 KM											ES	23 11 43.0	- 6.1		
DEPTH = 7 KM +/- 9.66 KM								CD2	10.6	65	EP	23 10 21.6	2.2		
Ms(CHINA) = 3.8/6, ML(CHINA) = 4.4/8								GYA	12.7	88	EP	23 10 48.6	1.5		
STATIONS USED = 29, STAND DEV = 1.72 SEC								LZH	13.3	43	P	23 10 54.5	- 1.0		
QZH	3.0	283	IPNC	16 39 45.7	0.5						P _m Z			1.5	0.1
			SN	16 40 21.7	- 0.6			GTA	13.9	24	P	23 11 00.0	- 3.0		
			S _m N	ML = 3.9		0.5	0.6	XAN	15.8	59	P	23 11 26.5	- 1.9		
			S _m E			0.7	0.4	WMQ	17.3	348	P	23 11 49.4	2.1		
			LG ₂	16 40 40.0	4.3						PP	23 12 02.0	0.9		
			LN	Ms = 4.0		5.0	1.8				ES	23 15 02.5	3.9		
SSE	6.8	355	PNC	16 40 37.2	- 1.9						S _m N			3.0	0.04
			P _m Z			0.7	0.03	CN2	31.4	49	EP	23 14 06.7	- 1.0		
			LG ₂	16 42 37.2	- 4.1			1984 6 10							
			LN	Ms = 3.6		9.0	0.5	O = 01 28 38.0 +/- 0.25 SEC							
GZH	7.9	263	PN	16 40 52.5	- 1.1			LAT = 25.34 S +/- 1.35 KM							
			SN	16 42 16.6	- 7.4			LONG = 178.69 W +/- 1.06 KM							
NJ2	8.2	341	P	16 40 55.5	- 2.7			DEPTH = 416 KM +/- 1.78 KM							
			S	16 42 26.3	- 5.9			mb(NEIS) = 5.0							
WHN	9.1	314	E(P)	16 41 08.0	- 3.1			STATIONS USED = 21, STAND DEV = 1.04 SEC							
GYA	13.9	282	P	16 42 16.4	0.5			MDJ	84.1	325	EP	01 40 26.0	0.4		
XAN	14.9	313	P	16 42 29.8	0.8			CN2	85.7	323	PC	01 40 34.0	0.5		
			LG ₂	16 47 12.0	4.8			TIA	86.1	313	P	01 40 36.3	1.2		
			LN	Ms = 3.8		8.0	0.2	TIY	90.0	312	E(P)	01 40 55.0	1.3		
			LE			11.0	0.3								

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
CD2	92.9	302	EP	01 41 09.0	2.2			LZH	35.5	328	IPC	22 30 36.0	0.4		
1984 6 10 O=03 38 26.2 +/- 0.57 SEC LAT=15.75 S +/- 2.86 KM LONG=175.00 W +/- 1.98 KM DEPTH=284 KM +/- 4.03 KM mb(NEIS)=5.0 STATIONS USED=32, STAND DEV=1.94 SEC								P _m Z 1.5 0.07 CN2 37.0 359 EP 22 30 48.2 - 0.5 PCP 22 33 04.2 - 0.2 MDJ 38.0 4 EP 22 30 57.5 0.7 LSA 39.7 309 EP 22 31 13.0 1.8 GTA 40.1 328 IPC 22 31 14.5 0.7 PCP 22 33 14.0 0.5							
1984 6 10 O=09 01 02.6 +/- 0.18 SEC LAT=34.85 N +/- 6.38 KM LONG=26.09 E +/- 4.20 KM DEPTH=52 KM +/- 0.81 KM mb(NEIS)=4.5 STATIONS USED=15, STAND DEV=0.81 SEC								1984 6 11 O=02 05 34.3 +/- 0.38 SEC LAT=30.71 S +/- 2.10 KM LONG=71.29 W +/- 3.66 KM DEPTH=52 KM +/- 3.17 KM M_s(CHINA)=5.9/24, M_{sz}(NEIS)=5.8, mb(NEIS)=5.3 STATIONS USED=84, STAND DEV=1.02 SEC							
WMQ	47.5	59	PD	09 09 35.0	0.0			KSH	152.0	62	PKP ₁	02 25 20.0	1.8		
			S	09 16 31.5	6.0						PKP ₂	02 25 35.0			
LSA	54.4	76	EP	09 10 28.1	0.5						P.P	02 29 07.0	- 0.3		
GTA	57.4	61	EP	09 10 48.6	- 0.5						SKKS	02 36 04.0			
CD2	63.8	69	EP	09 11 32.3	0.1						LN		M _s =6.3	20.0	4.8
XAN	66.3	64	EP	09 11 47.0	- 1.4			MDJ	158.5	316	PKP ₁	02 25 25.5	- 1.3		
GYA	68.1	72	P	09 12 01.4	1.5						PKP ₂	02 26 00.5			
TIA	71.2	58	P	09 12 19.2	0.6						PP	02 29 42.0	- 2.2		
CN2	72.8	48	EP	09 12 28.0	- 0.3			WMQ	158.8	45	PKP ₁	02 25 27.0	- 0.4		
1984 6 10 O=22 23 59.2 +/- 0.31 SEC LAT=6.60 N +/- 1.44 KM LONG=125.58 E +/- 0.99 KM DEPTH=235 KM +/- 2.19 KM mb(NEIS)=4.8 STATIONS USED=44, STAND DEV=1.06 SEC								PKP _m Z 6.0 1.7 PKP ₂ 02 26 06.0 PP 02 29 40.0 - 5.8 PP _m Z 2.0 0.2 SKKS 02 36 54.5 LN Ms=6.3 22.0 4.7 CN2 161.4 319 PKP ₁ 02 25 27.5 - 2.4 PKP _m Z 6.0 1.4 PKP ₂ 02 26 12.0 PP 02 29 55.0 - 4.7 ESKKS 02 36 36.5 ESS 02 50 03.0 - 4.8 LN Ms=6.1 20.0 3.1 SNY 163.7 316 IPKP ₁ 02 25 31.5 - 0.7 PKP _m Z 5.5 1.6 PKP ₂ 02 26 26.0 PP 02 30 10.0 - 1.9 LE Ms=5.9 26.0 3.6 LSA 164.8 89 PKP ₁ 02 25 35.1 1.3 PKP _m Z 5.0 1.4 PKP ₂ 02 26 31.1							
QZN	19.7	310	P	22 28 13.2	1.0										
WHN	26.0	337	EP	22 29 13.0	- 0.1										
NJ2	26.1	346	EP	22 29 13.4	0.0										
GYA	26.7	319	P	22 29 20.0	0.5										
KMI	28.6	312	IP D	22 29 37.0	0.9										
XAN	31.4	332	PC	22 29 58.6	- 1.7										
CD2	31.7	322	EP	22 30 02.5	- 0.6										
SNY	35.1	357	PC	22 30 33.0	0.5										

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
			PP	02 30 18.1	0.6						PKP _m Z			6.0	1.7
			SS	02 50 38.1	- 5.4						PKP ₂	02 28 52.0			
			LN		Ms=6.1	24.0	4.1				PP	02 30 41.0	- 3.0		
			LE			23.0	3.3				PP _m Z			7.0	12.7
DL2	166.6	311	IPKP ₁	02 25 34.0	- 0.9						LN		Ms=5.9	20.0	3.2
			PKP _m Z			6.0	1.4				LE			20.0	1.6
			PKP ₂	02 26 40.0					TIA	171.1	310	PKP ₁	02 25 37.9	0.3	
			PP	02 30 25.0	- 1.7						PKP _m Z			6.5	2.4
			PP _m Z			6.0	1.4				PKP ₂	02 26 59.0			
			SKKS	02 37 08.0							PP	02 30 44.0	- 5.0		
			ESS	02 51 00.0	- 1.8						PP _m Z			6.5	1.7
			LN		Ms=6.0	26.0	3.8				LN		Ms=5.6	11.5	0.8
			LE			20.0	2.5				LE			11.5	0.6
QZN	168.3	185	IPKP ₁	02 25 38.0	2.0				NJ2	171.2	281	PKP ₁	02 25 38.0	0.3	
			PKP _m Z			6.0	2.1				PKP _m Z			5.0	1.3
			PKP ₂	02 26 46.0							PKP ₂	02 26 59.5			
			PP	02 30 38.0	2.8						IPP	02 30 48.0	- 1.7		
			SKKS	02 37 12.5							PP _m Z			6.0	1.6
GTA	168.7	37	PKPC	02 25 37.2	0.9						LN		Ms=5.7	17.0	1.8
			PP	02 30 35.8	- 1.2						LE			17.0	0.7
			PP _m Z			5.5	1.9		GZH	171.4	209	PKP ₁	02 25 38.5	0.7	
			SKKS	02 37 23.0							PKP _m Z			6.0	1.6
			SS	02 51 21.3	- 1.1						PKP ₂	02 26 56.0			
			LN		Ms=5.9	22.0	3.4				PP	02 30 44.0	- 6.4		
BJI	168.9	328	EPKP ₁	02 25 36.0	- 0.3						PP _m Z			6.0	1.2
			PKP _m Z			6.0	1.5				ESKKS	02 37 25.0			
			PKP ₂	02 26 47.0					KMI	172.3	135	PKP ₁	02 25 39.0	0.4	
			PP	02 30 37.0	- 1.0						PKP _m Z			5.0	1.6
			PP _m Z			10.0	1.7				PKP ₂	02 27 03.0			
			SKS	02 32 34.0	2.8						IPP	02 30 52.0	- 3.3		
			LN		Ms=5.9	21.0	2.9				PP _m Z			6.0	2.1
			LE			20.0	1.3				LE		Ms=5.9	24.0	5.1
SSE	169.3	275	PKP ₁	02 25 37.0	0.5				TIY	172.4	337	IPKP ₁	02 25 37.5	- 0.9	
			PKP _m Z			1.6	0.2				PKP _m Z			5.0	2.2
			PKP ₂	02 26 49.0							PKP ₂	02 27 03.0			
			PP	02 30 36.0	- 4.0						PP	02 30 53.0	- 2.4		
			ESKS	02 32 33.0	1.6						SKKS	02 37 37.5			
			SS	02 51 32.0	3.5						LN		Ms=6.0	24.0	5.4
			LE		Ms=5.9	22.0	3.6				LE			23.0	3.0
QZH	169.5	239	PKP ₁	02 25 37.0	0.3				LZH	173.3	35	PKP	02 25 40.0	0.9	
			PKP ₂	02 26 54.0							PKP _m Z			6.0	2.0
			PP	02 30 41.0	- 0.3						PP	02 30 57.0	- 3.0		
			LE		Ms=5.7	18.0	2.0				PP _m Z			5.5	3.0
HHC	169.6	347	PKP	02 25 36.8	- 0.1						SKKS	02 37 55.0			
			PP	02 30 44.0	2.3						LE		Ms=5.8	20.0	2.9
BTO	170.1	354	PKP ₁	02 25 37.0	- 0.1				WHN	175.1	269	PKPC	02 25 39.5	0.2	

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
GYA	175.4	156	PKP ₁	02 25 40.0	0.5						S _m E			0.3	0.04
			PKP ₂	02 27 16.0											
			PP	02 31 06.0	- 4.6										
			SKKS	02 38 01.0											
CD ₂	175.7	86	PKP ₁	02 25 40.5	0.9										
			IPKP ₂	02 27 18.2											
			PP	02 31 12.0	- 0.4										
			PP _m Z			8.0	5.2								
			ESKKS	02 37 53.5											
			SS	02 52 33.0	2.7										
			LN			Ms=6.2	20.0	9.7							
XAN	176.7	357	PKP ₁	02 25 40.0	0.2										
			PKP _m Z			6.0	4.1								
			PKP ₂	02 27 20.5											
			IPP	02 31 13.3	- 2.9										
			SKKS	02 37 54.5											
			LN			Ms=6.6	12.0	13.4							
			LE				13.0	12.4							
1984 6 11															
O=02 12 13.3 +/- 0.57 SEC															
LAT=3.33 S +/- 3.95 KM															
LONG=149.59 E +/- 10.27 KM															
DEPTH=18 KM +/- 4.62 KM															
mb(NEIS)=4.7															
STATIONS USED=15, STAND DEV=3.13 SEC															
CD ₂	55.4	311	EP	02 21 50.8	1.5										
GTA	62.4	318	EP	02 22 38.0	- 0.5										
WMQ	72.5	317	EP	02 23 43.5	1.6										
1984 6 11															
O=05 32 44.3 +/- 0.03 SEC															
LAT=32.48 N +/- 0.09 KM															
LONG=121.70 E +/- 0.13 KM															
DEPTH=17 KM +/- 0.26 KM															
ML(CHINA)=2.8/3															
STATIONS USED=4, STAND DEV=2.13 SEC															
SSE	1.4	197	PN	05 33 10.2	0.1										
			PG	05 33 11.4	0.5										
			SN	05 33 28.0	- 1.1										
			SG	05 33 29.8	- 0.2										
			S _m N			ML=3.0	0.4	0.1							
			S _m E				0.4	0.3							
NJ ₂	2.4	260	EPG	05 33 28.0	- 1.0										
			SG	05 34 00.4	- 0.7										
			S _m N			ML=2.7	0.3	0.04							
1984 6 11															
O=09 45 50.0 +/- 0.42 SEC															
LAT=23.41 N +/- 3.00 KM															
LONG=143.77 E +/- 7.54 KM															
DEPTH=12 KM +/- 3.47 KM															
Ms(CHINA)=4.8/19, mb(NEIS)=5.1															
STATIONS USED=73, STAND DEV=1.49 SEC															
SSE	21.5	295	EP	09 50 40.5	- 0.2										
			PP	09 51 05.0	0.7										
			S	09 54 32.0	- 1.9										
			XS	09 54 44.0	1.1										
			LE			Ms=4.7	16.0	2.6							
NJ ₂	23.6	296	PU	09 51 01.5	- 0.7										
			S	09 55 10.0	- 3.3										
			LN			Ms=4.8	15.0	2.2							
			LE				14.0	1.1							
MDJ	24.1	334	EP	09 51 09.4	2.3										
			S	09 55 28.0	6.0										
			S _m E				10.0	1.8							
			LE			Ms=4.8	13.0	2.3							
DL ₂	24.4	314	PR	09 51 10.0	0.8										
			S	09 55 26.0	0.3										
			LN			Ms=4.7	12.0	0.7							
			LE				14.0	1.4							
SNY	24.9	322	PU	09 51 13.5	- 1.3										
			S	09 55 38.5	3.1										
			S _m E				10.0	0.8							
			LN			Ms=4.6	14.0	1.1							
			LE				15.0	1.0							
CN ₂	25.3	327	PD	09 51 18.3	- 0.2										
			P _m Z				5.0	0.6							
			ES	09 55 40.0	- 2.1										
			S _m E				7.0	0.5							
			ESS	09 56 47.0	4.8										
			LN			Ms=5.0	14.0	2.7							
			LE				14.0	2.4							
TIA	26.3	305	EP	09 51 26.9	- 0.9										
			S	09 56 05.0	6.5										
			LN			Ms=4.9	16.0	1.9							
			LE				16.0	1.9							
WHN	27.1	291	P	09 51 35.0	- 0.1										
GZH	27.9	275	EP	09 51 47.0	4.4										
			LN			Ms=4.7	9.0	0.9							
BJI	28.6	311	EP	09 51 50.0	1.6										

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
			ES	09 56 39.0	3.8										
			LN		Ms = 4.5	12.0	0.7								
TIY	30.4	305	EP	09 52 03.0	- 1.4										
			ES	09 57 04.5	0.8										
			LN		Ms = 4.9	18.0	1.9								
			LE			18.0	1.8								
HHC	32.1	310	EP	09 52 19.8	- 0.1										
XAN	32.2	297	EP	09 52 19.9	- 0.7										
			S	09 57 34.0	1.3										
			LN		Ms = 5.5	13.0	5.9								
BTO	33.1	309	E(P)	09 52 25.0	- 3.5										
GYA	33.7	282	P	09 52 34.2	0.4										
			S	09 58 01.0	4.8										
CD2	36.2	290	PD	09 52 55.6	0.3										
			ES	09 58 34.5	- 0.6										
			LN		Ms = 4.9	15.0	1.7								
LZH	36.6	299	EP	09 52 58.8	- 0.1										
			P _m Z			2.5	0.1								
KMI	37.3	281	PC	09 53 05.5	0.7										
			ES	09 58 55.0	2.5										
			LE		Ms = 4.7	16.0	1.1								
GTA	40.3	303	EP	09 53 29.7	- 0.1										
			ES	09 59 35.0	- 2.8										
			LN		Ms = 4.9	15.0	1.2								
LSA	47.2	289	P	09 54 27.4	2.2										
WMQ	49.9	308	P	09 54 46.5	0.2										
			P _m Z			2.0	0.3								
			ES	10 01 55.0	- 0.7										
			SCS	10 04 32.0	- 1.7										
			SS	10 05 19.0	- 4.6										
			LN		Ms = 5.0	15.0	1.0								
KSH	58.7	303	EP	09 55 53.0	2.1										
			S	10 04 01.0	6.5										
1984 6 11															
O = 10 30 28.3 +/- 0.42 SEC															
LAT = 23.26 N +/- 2.76 KM															
LONG = 143.75 E +/- 7.18 KM															
DEPTH = 30 KM +/- 3.42 KM															
mb(NEIS) = 4.7															
STATIONS USED = 13, STAND DEV = 1.53 SEC															
SNY	25.0	322	EP	10 35 50.8	- 0.7										
TIA	26.4	305	EP	10 36 00.0	- 4.2										
GTA	40.4	303	EP	10 38 06.0	0.0										
WMQ	50.0	308	P	10 39 22.8	0.3										
1984 6 11															
O = 12 51 20.4 +/- 0.32 SEC															
LAT = 25.70 N +/- 1.70 KM															
LONG = 102.75 E +/- 1.19 KM															
DEPTH = 0 KM +/- 2.45 KM															
Ms(CHINA) = 4.1/7, ML(CHINA) = 3.8/4															
STATIONS USED = 31, STAND DEV = 2.88 SEC															
KMI	0.6	181	IPGU	12 51 30.0	- 0.8										
			SG	12 51 37.0	- 1.3										
			LN				3.0	35.4							
			LE				3.0	38.6							
GYA	3.6	76	PN	12 52 20.6	1.9										
			PG	12 52 30.8	4.8										
			SN	12 52 59.0	- 3.7										
			SG	12 53 13.4	0.3										
			S _m N		ML = 3.8		1.0	0.3							
			S _m E				1.0	0.2							
			LN				4.0	4.2							
			LE				4.0	2.2							
CD2	5.3	9	PG	12 52 54.4	- 2.0										
			SN	12 53 45.0	0.2										
			SG	12 54 14.0	8.6										
			S _m E		ML = 4.7		1.2	0.8							
			LE		Ms = 4.4		6.0	2.8							
QZN	9.3	133	EP	12 53 36.6	- 2.6										
XAN	9.9	31	EP	12 53 45.4	- 1.6										
			LG ₂	12 56 50.0	3.4										
			LN		Ms = 4.0		8.0	0.6							
			LE				9.0	0.5							
GZH	10.0	102	P	12 53 46.5	- 2.0										
			ES	12 55 38.0	- 4.7										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LN		Ms = 4.5	8.0	1.9								
			LE			8.0	0.6								
LZH	10.4	4	EP	12 53 55.2	1.0										
			LE		Ms = 4.4	9.0	2.0								
LSA	11.0	293	EP	12 54 03.8	0.7										
WHN	11.3	62	EP	12 54 06.0	- 0.5										
GTA	13.9	350	EP	12 54 43.6	2.3										
			LE		Ms = 3.8	9.0	0.3								
TIY	14.5	32	EP	12 54 50.0	0.5										
BTO	16.0	20	EP	12 55 08.0	- 1.4										
			LN		Ms = 4.1	10.0	0.4								
			LE			10.0	0.5								
TIA	16.2	46	EP	12 55 10.6	- 0.1										
BJI	18.2	34	(P)	12 55 32.5	- 3.6										
WMQ	21.8	329	EP	12 56 18.8	2.0										
1984 6 11															
O = 13 19 49.0 +/- 0.04 SEC															
LAT = 34.87 N +/- 0.26 KM															
LONG = 104.88 E +/- 0.14 KM															
DEPTH = 0 KM +/- 0.29 KM															
ML (CHINA) = 3.2/7															
STATIONS USED = 11, STAND DEV = 0.52 SEC															
XAN	3.4	102	PND	13 20 45.4	0.2										
			PG	13 20 55.0	3.2										
			SN	13 21 22.1	- 5.3										
			SG	13 21 41.2	4.3										
			S _m N		ML = 3.7	0.4	0.3								
			S _m E			0.5	0.2								
CD2	4.1	193	EPN	13 20 50.7	- 3.2										
			PG	13 21 04.2	1.2										
			SG	13 21 53.6	- 2.5										
			S _m N		ML = 3.2	1.0	0.04								
			S _m E			0.8	0.05								
GTA	6.1	319	EPN	13 21 20.7	- 1.9										
			SN	13 22 29.5	- 4.4										
			SG	13 23 01.3	2.0										
			S _m N		ML = 3.0	0.7	0.01								
			S _m E			0.8	0.01								
BTO	7.0	33	EPG	13 22 05.5	- 3.1										
			(SG)	13 23 35.5	6.6										
1984 6 11															
O = 14 14 11.0 +/- 0.03 SEC															
LAT = 9.26 S +/- 0.01 KM															
LONG = 114.09 E +/- 0.02 KM															
DEPTH = 60 KM															
mb(NEIS) = 5.2															
STATIONS USED = 31, STAND DEV = 1.33 SEC															
KMI	35.9	342	EP	14 21 08.5	0.3										
GYA	36.2	348	P	14 21 11.4	0.7										
CD2	41.1	346	PD	14 21 52.8	1.2										
			ES	14 28 02.0	1.3										
NJ2	41.3	6	EP	14 21 54.6	1.6										
XAN	43.3	353	EP	14 22 08.1	- 1.4										
LSA	44.6	331	PD	14 22 21.1	1.1										
TIA	45.3	3	EP	14 22 25.2	- 0.2										
LZH	46.1	348	EP	14 22 31.5	- 0.5										
			P _m Z				1.4	0.04							
BJI	49.1	2	EP	14 22 55.5	0.7										
GTA	50.2	345	P	14 23 04.0	0.4										
			PCP	14 24 23.4	2.3										
CN2	53.8	10	EP	14 23 29.0	- 1.5										
WMQ	58.0	337	P	14 24 00.2	- 0.6										
1984 6 11															
O = 15 01 52.3 +/- 0.24 SEC															
LAT = 13.46 N +/- 0.64 KM															
LONG = 93.27 E +/- 0.94 KM															
DEPTH = 7 KM +/- 1.97 KM															
mb(NEIS) = 4.5															
STATIONS USED = 6, STAND DEV = 0.71 SEC															
CD2	19.9	27	EP	15 06 28.0	0.7										
XAN	24.9	32	EP	15 07 17.4	- 0.6										
GTA	26.5	11	EP	15 07 33.6	1.0										
1984 6 11															
O = 15 28 10.5 +/- 0.19 SEC															
LAT = 12.03 N +/- 1.05 KM															
LONG = 142.28 E +/- 2.06 KM															
DEPTH = 64 KM +/- 1.51 KM															
Ms(CHINA) = 5.6/1, mb(NEIS) = 4.9															
STATIONS USED = 31, STAND DEV = 0.89 SEC															
TIA	33.1	320	EP	15 34 39.1	- 3.0										
BJI	36.2	325	EP	15 35 09.0	0.4										
GYA	36.4	298	P	15 35 12.4	1.6										
TIY	37.0	318	EP	15 35 15.7	0.5										
XAN	37.4	311	P	15 35 19.0	- 0.3										
BTO	40.2	320	EP	15 35 43.0	1.0										
CD2	40.2	303	IPC	15 35 43.0	0.7										
LZH	42.1	311	EP	15 35 58.5	0.7										
GTA	46.4	313	IPC	15 36 33.0	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
LSA	50.5	298	EP	15 37 05.0	0.5			XAN	62.7	39	EP	18 49 54.4	- 2.1		
WMQ	56.4	314	P	15 37 48.0	0.1						ES	18 58 19.1	- 4.7		
			LN		Ms = 5.6	17.0	3.6				LN		Ms = 5.0	12.0	0.6
			LE			14.0	2.0				LE			12.0	0.3
1984 6 11								WHN	64.0	45	EP	18 50 04.0	- 1.6		
O=17 00 53.3 +/- 0.40 SEC								BTO	67.7	34	EP	18 50 29.9	0.5		
LAT=32.57 N +/- 1.12 KM								NJ 2	68.1	46	EP	18 50 30.8	- 0.5		
LONG=122.12 E +/- 1.59 KM											S	18 59 29.5	- 0.5		
DEPTH=10 KM +/- 3.33 KM											S _m N			13.0	0.6
ML(CHINA)=3.2/7											S _m E			13.0	0.3
STATIONS USED=7, STAND DEV=1.63 SEC											LN		Ms = 5.1	18.0	0.8
SSE	1.7	208	PN	17 01 24.2	1.4						LE			18.0	0.6
			PG	17 01 26.2	2.5			HHC	68.8	35	EP	18 50 35.4	- 0.4		
			SN	17 01 42.4	- 2.3			SSE	69.2	48	EP	18 50 38.2	- 0.4		
			SG	17 01 44.0	- 1.6						S	18 59 43.0	- 0.9		
			S _m E		ML=3.5	6.0	0.5				XS	18 59 51.0	- 2.1		
NJ 2	2.8	260	PGC	17 01 42.4	- 2.2						SS	19 04 14.0	3.4		
			SG	17 02 16.6	- 4.9						LE		Ms = 5.1	15.0	0.9
			S _m N		ML=3.2	0.6	0.1	TIA	69.2	42	EP	18 50 38.5	- 0.2		
			S _m E			0.6	0.1				S	18 59 46.0	1.9		
1984 6 11											LN		Ms = 5.5	22.0	2.8
O=18 39 28.6 +/- 0.52 SEC								BJ I	70.9	38	EP	18 50 48.0	- 0.6		
LAT=13.76 S +/- 3.29 KM											ES	19 00 05.4	0.9		
LONG=66.01 E +/- 2.07 KM											LN		Ms = 4.9	12.0	0.4
DEPTH=9 KM +/- 4.28 KM								DL2	73.7	42	EP	18 51 02.0	- 3.5		
Ms(CHINA)=5.2/14, Msz(NEIS)=5.3, mb(NEIS)=5.1								SNY	76.6	40	EP	18 51 19.4	- 2.4		
STATIONS USED=53, STAND DEV=2.09 SEC											S	19 01 06.0	- 1.2		
LSA	49.8	29	EP	18 48 23.3	0.5						SS	19 06 00.0	4.1 3.4		
			S	18 55 32.5	2.2						LN		Ms = 5.3	34.0	1.7
			S _m E			11.0	0.8				LE			32.0	1.5
			LN		Ms = 5.4	16.0	1.4	CN2	78.8	39	EP	18 51 33.0	- 1.1		
			LE			16.5	2.5				ES	19 01 29.0	- 2.2		
GYA	56.2	44	P	18 49 12.0	0.0						LN		Ms = 5.3	15.0	1.0
			S	18 57 00.0	- 0.5			MDJ	81.8	40	EP	18 51 50.1	0.1		
CD2	57.3	38	EP	18 49 19.6	- 0.5			1984 6 11							
			ES	18 57 13.0	- 2.3			O=18 59 36.7 +/- 0.23 SEC							
			LE		Ms = 5.1	12.0	0.9	LAT=11.80 N +/- 1.36 KM							
GZH	59.0	52	PD	18 49 32.0	0.1			LONG=125.77 E +/- 2.68 KM							
			S	18 57 41.0	3.4			DEPTH=47 KM +/- 1.85 KM							
WMQ	60.6	17	P	18 49 41.5	- 1.4			mb(NEIS)=4.8							
LZH	61.1	34	EP	18 49 50.5	4.2			STATIONS USED=19, STAND DEV=1.19 SEC							
GTA	61.6	29	P	18 49 48.2	- 1.1			WHN	21.5	332	P	19 04 24.0	0.8		
			S	18 58 05.5	- 4.7			GYA	23.2	311	P	19 04 42.6	2.3		
			LN		Ms = 4.9	15.0	0.7	KMI	25.5	304	EP	19 05 03.0	0.1		
								XAN	27.0	327	P	19 05 15.1	- 1.1		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STC. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
CD2	27.9	316	EP	19 05 24.2	- 0.3						LN		Ms = 4.8	15.0	1.5
BJI	29.4	344	(P)	19 05 37.0	- 1.0						LE			15.0	1.7
GTA	35.9	324	P	19 06 34.8	0.3			WHN	27.2	291	EP	22 27 58.0	- 0.3		
LSA	36.8	304	EP	19 06 43.5	1.1			GZH	28.0	275	EP	22 28 11.0	4.9		
											ES	22 33 00.0	9.8		
											LN		Ms = 4.8	14.0	1.9
								BJI	28.6	311	EP	22 28 10.0	- 1.0		
											ES	22 32 54.0	- 4.8		
											LN		Ms = 4.7	16.0	1.3
											LE			15.0	0.7
								TIY	30.4	305	EP	22 28 27.0	- 0.2		
											S	22 33 24.5	- 3.2		
											LN		Ms = 5.0	17.0	2.2
											LE			17.0	1.8
								HHC	32.1	310	EP	22 28 41.6	- 0.9		
								XAN	32.3	296	EP	22 28 42.3	- 1.4		
								BTO	33.1	309	EP	22 28 50.0	- 1.2		
											ES	22 34 09.0	- 1.6		
											LN		Ms = 5.1	16.0	2.3
											LE			16.0	2.2
								GYA	33.8	282	P	22 28 57.0	- 0.2		
											S	22 34 19.0	- 2.2		
											LE		Ms = 4.8	16.0	1.5
								CD2	36.3	290	PD	22 29 18.8	0.3		
											ES	22 34 58.0	- 1.7		
											LN		Ms = 5.0	14.0	1.7
								LZH	36.7	299	EP	22 29 22.5	0.6		
											P _m Z			2.0	0.06
								KMI	37.4	281	PD	22 29 29.0	0.8		
											ES	22 35 16.0	- 1.6		
											LE		Ms = 4.9	22.0	2.4
								GTA	40.4	303	P	22 29 53.0	0.3		
											S	22 36 00.0	- 1.9		
											LN		Ms = 4.8	15.0	1.1
								LSA	47.2	289	EP	22 30 49.4	1.0		
											ES	22 37 38.0	- 4.1		
								WMQ	50.0	308	EPC	22 31 10.0	0.9		
											P _m Z			2.0	0.2
											PCP	22 32 23.0	- 5.8		
											S	22 38 22.0	2.4		
											SCS	22 40 58.5	0.7		
											LN		Ms = 5.0	14.0	1.1
								KSH	58.8	302	EP	22 32 15.0	1.2		
											S	22 40 23.0	4.3		
											LN		Ms = 5.3	16.0	1.7

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	
1984 6 11								DEPTH=53 KM +/- 1.34 KM								
O=22 45 25.2 +/- 0.22 SEC								mb(NEIS) = 4.4								
LAT=23.42 N +/- 1.64 KM								STATIONS USED=11, STAND DEV=1.37 SEC								
LONG=143.86 E +/- 0.85 KM								CN2	72.6	328	PD	04 40 02.0	1.3			
DEPTH=37 KM +/- 1.74 KM								BJ1	75.1	321	EP	04 40 15.0	- 0.2			
mb(NEIS) = 4.8								1984 6 12								
STATIONS USED=26, STAND DEV=1.32 SEC								O=04 51 20.9 +/- 0.11 SEC								
SSE	21.5	295	EP	22 50 12.4	- 1.0			LAT=32.38 N +/- 0.35 KM								
NJ2	23.7	296	EP	22 50 35.4	0.6			LONG=121.27 E +/- 0.45 KM								
MDJ	24.1	334	EP	22 50 40.1	0.9			DEPTH=17 KM +/- 0.94 KM								
SNY	25.0	322	EP	22 50 46.6	- 0.5			ML(CHINA) = 2.7/5								
CN2	25.3	327	EP	22 50 53.6	2.8			STATIONS USED=5, STAND DEV=3.52 SEC								
TIA	26.4	305	EP	22 50 59.1	- 1.2			SSE	1.3	183	PN	04 51 44.6	0.4			
CD2	36.3	290	EP	22 52 27.6	- 0.1						PG	04 51 46.3	1.9			
KMI	37.4	281	EP	22 52 38.0	0.7						SN	04 52 03.0	1.6			
			ES	22 58 28.0	4.8						SG	04 52 04.4	3.1			
LSA	47.2	289	EP	22 53 58.8	1.3						S _m N		ML=2.9	0.4	0.2	
WMQ	50.0	308	P	22 54 18.5	0.0						S _m E			0.5	0.2	
1984 6 11								NJ2	2.1	261	EPG	04 52 02.8	3.9			
O=23 40 07.9 +/- 0.53 SEC											SG	04 52 36.8	10.6			
LAT=26.35 N +/- 2.67 KM											S _m N		ML=2.7	0.6	0.06	
LONG=127.80 E +/- 2.09 KM											S _m E			0.6	0.05	
DEPTH=54 KM +/- 4.34 KM								1984 6 12								
Ms(CHINA) = 3.8/4, mb(NEIS) = 3.9								O=09 07 10.2 +/- 0.30 SEC								
STATIONS USED=20, STAND DEV=2.86 SEC								LAT=26.09 N +/- 2.19 KM								
SSE	7.5	310	EP	23 41 53.6	- 3.5			LONG=128.54 E +/- 3.92 KM								
			LN		Ms=3.7	16.0	0.6	DEPTH=56 KM +/- 2.35 KM								
NJ2	9.7	308	EP	23 42 22.2	- 4.8			Ms(CHINA) = 5.0/27, Msz(NEIS) = 4.9								
			LN		Ms=3.9	11.0	0.7	mb(NEIS) = 5.1								
BJ1	16.7	327	(P)	23 44 02.5	2.2			STATIONS USED=68, STAND DEV=1.99 SEC								
TIY	17.2	314	EP	23 44 05.2	- 1.5			SSE	8.2	309	EP	09 09 06.6	- 2.2			
			LE		Ms=3.8	15.0	0.6				P _m Z			1.2	0.02	
CN2	17.5	354	PC	23 44 10.6	0.6						XP	09 09 23.0	- 2.5			
XAN	18.0	299	EP	23 44 14.8	- 1.5						LN		Ms = 5.0	11.0	7.4	
GYA	18.9	275	P	23 44 31.2	3.8						LE			11.0	9.8	
HHC	19.7	321	EP	23 44 33.6	- 2.7			QZH	9.1	264	EP	09 09 22.0	0.9			
CD2	21.6	287	EP	23 44 53.3	- 1.8						ES	09 11 01.0	- 1.8			
LZH	22.6	301	EP	23 45 07.3	1.7						S _m N			8.0	0.7	
			P _m Z			1.5	0.02				LN		Ms = 4.4	12.0	1.6	
GTA	26.7	306	EP	23 45 41.4	- 3.5						LE			12.0	2.2	
1984 6 12								NJ2	10.3	307	EP	09 09 37.0	- 1.7			
O=04 28 36.4 +/- 0.17 SEC											LN		Ms = 5.1	11.0	6.4	
LAT=17.64 S +/- 1.03 KM											LE			11.0	8.5	
LONG=168.20 E +/- 2.16 KM								TIA	14.0	318	EP	09 10 26.8	- 1.2			
											ES	09 13 04.5	1.4			

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			XP	17 15 23.0	- 3.2						LE		Ms=5.0	22.0	5.3
			S	17 18 36.0	6.9			HHC	26.3	301	PD	17 16 31.0	0.3		
			LN		Ms=4.9	13.0	2.7	BTO	27.4	299	IPR	17 16 40.0	- 0.7		
			LE			14.0	3.3				PP	17 17 25.0	- 3.4		
CN2	18.4	320	PC	17 15 09.6	- 0.3						XS	17 21 37.0	0.0		
			P _m Z			8.0	0.8				LN		Ms=5.5	15.0	5.2
			AP	17 15 22.0	2.3						LE			15.0	7.0
			S	17 18 30.0	- 0.2			XAN	27.8	285	EP	17 16 42.2	- 1.6		
			LN		Ms=4.9	15.0	4.2				PP	17 17 40.0	7.1		
DL2	18.4	302	EP	17 15 11.0	1.1						ES	17 21 33.0	11.1		
			EAP	17 15 20.0	0.3						LN		Ms=4.7	12.0	1.1
			XP	17 15 26.0	- 0.8						LE			12.0	0.7
			ES	17 18 37.0	6.8			GYA	30.9	271	P	17 17 10.8	- 1.1		
			LN		Ms=5.1	14.0	3.4				S	17 22 10.0	- 1.8		
			LE			15.0	5.4	QZN	31.0	255	EP	17 17 15.5	3.3		
NJ2	19.5	280	PU	17 15 23.0	- 0.1						LE		Ms=4.8	18.0	2.0
			AP	17 15 36.0	2.4			LZH	31.9	290	IPD	17 17 20.0	- 0.4		
			PP	17 15 41.5	0.4						P _m Z			1.2	0.2
			S	17 19 00.0	4.7						ES	17 22 35.8	8.6		
			LE		Ms=5.0	17.5	5.9				LN		Ms=5.0	12.5	0.6
QZH	21.2	260	PU	17 15 40.0	- 0.2						LE			14.0	2.3
			AP	17 15 49.0	- 2.9			CD2	32.5	280	EP	17 17 23.6	- 1.5		
			ES	17 19 33.0	5.2						ES	17 22 39.0	3.5		
			S _m N			6.0	0.6				LE		Ms=5.3	16.0	5.0
			XS	17 19 46.0	- 0.4			KMI	34.7	270	EP	17 17 42.5	- 2.2		
			LN		Ms=4.7	16.0	1.8				AP	17 17 53.5	- 3.6		
			LE			16.0	1.6				PP	17 19 02.0	0.4		
TIA	21.2	291	P	17 15 40.0	- 0.6						ES	17 23 10.0	- 0.8		
			ES	17 19 19.0	- 9.5						LE		Ms=5.2	20.0	4.4
			LN		Ms=5.1	15.0	5.8	GTA	35.1	296	PC	17 17 47.6	- 0.4		
			LE			15.0	1.9				S	17 23 12.5	- 4.3		
BJI	22.7	301	EP	17 15 55.5	- 0.5						LN		Ms=5.0	14.0	1.2
			EPP	17 16 24.0	- 0.9						LE			17.0	2.1
			ES	17 19 58.0	1.1			LSA	43.4	282	EP	17 18 57.2	0.1		
			S _m N			8.0	0.4				ES	17 25 28.2	6.6		
			S _m E			9.0	0.6				LE		Ms=5.0	17.5	1.7
			LN		Ms=5.0	20.0	4.2	WMQ	44.2	302	PC	17 19 04.0	0.6		
			LE			18.0	3.8				P _m Z			1.5	0.3
WHN	23.5	276	EP	17 16 03.0	- 0.2						ES	17 25 40.0	8.9		
			ES	17 20 14.0	4.1						SCS	17 28 59.5	5.9		
TIY	25.1	294	PU	17 16 19.0	- 0.1						LN		Ms=4.9	14.0	1.1
			P _m Z			1.2	0.2	KSH	53.4	298	EP	17 20 15.0	0.2		
			S	17 20 48.5	10.5						ES	17 27 45.0	2.7		
			LE		Ms=5.1	15.0	4.8				LN		Ms=5.3	15.0	2.1
GZH	26.3	260	EP	17 16 31.0	1.0										
			ES	17 21 00.0	2.7										

1984 6 12

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Δ μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	Δ μ
O=19 10 52.3 +/- 0.44 SEC LAT=2.98 S +/- 1.46 KM LONG=130.60 E +/- 1.74 KM DEPTH=38 KM +/- 3.64 KM mb(NEIS) =4.8 STATIONS USED=19, STAND DEV=1.95 SEC															
KMI	38.9	317	EP	19 18 16.5	0.1			DL2	16.7	301	P	02 33 19.0	- 0.3		
XAN	42.1	332	EP	19 18 41.0	- 1.9						P _m N			5.0	3.6
BJI	44.8	344	EP	19 19 03.4	- 1.3						P _m E			5.0	10.5
SNY	45.0	352	EP	19 19 05.9	- 0.8						P _m Z			5.0	8.1
GTA	50.8	329	P	19 19 50.7	- 1.0						ES	02 36 31.0	8.6		
1984 6 12 O=22 29 00.4 +/- 0.99 SEC LAT=18.52 S +/- 5.51 KM LONG=65.59 E +/- 3.92 KM DEPTH=10 KM +/- 8.11 KM mb(NEIS) =4.9 STATIONS USED=15, STAND DEV=4.52 SEC															
LSA	53.9	27	P	22 38 30.4	3.1			CN2	16.8	320	PC	02 33 19.8	- 0.3		
GYA	59.9	42	P	22 39 11.6	1.9						P _m Z			7.0	9.5
CD2	61.3	37	EP	22 39 20.4	1.1						ES	02 36 28.0	4.1		
WMQ	65.3	17	P	22 39 46.4	1.1						S _m N			9.0	10.0
GTA	65.9	28	IPD	22 39 51.0	1.5						LN		Ms=5.3	11.5	10.5
XAN	66.6	38	EP	22 39 54.3	0.5			NJ 2	18.0	277	PU	02 33 33.5	- 1.8		
1984 6 13 O=02 29 27.3 +/- 0.45 SEC LAT=31.54 N +/- 3.20 KM LONG=140 07 E +/- 6.80 KM DEPTH=25 KM +/- 3.66 KM Ms(CHINA) =5.4/30, Msz(NEIS) =5.5, mb(NEIS) =5.5 STATIONS USED=88, STAND DEV=2.16 SEC															
MDJ	15.4	330	EP	02 33 03.5	0.9						P _m Z			8.0	11.6
			LE			Ms=5.2	20.0 14.5				SS	02 37 14.5	- 1.4		
SSE	16.1	273	PR	02 33 16.0	4.3						LN		Ms=5.4	9.0	8.3
			P _m Z			1.2	0.1	TI A	19.6	289	EP	02 33 51.2	- 2.0		
			XP	02 33 28.0	- 4.0						P _m Z			9.0	6.6
			XS	02 36 30.0	4.9						S	02 37 19.0	- 6.6		
			LN			Ms=5.4	10.0 8.7				S _m N			13.5	3.4
			LE			9.0	5.6				S _m E			10.0	6.8
SNY	16.7	312	IPU	02 33 20.0	1.1						LN		Ms=5.5	12.0	7.7
			P _m Z			6.5	20.0				LE			12.0	12.3
			ES	02 36 23.0	1.3			QZH	20.0	256	PU	02 33 56.0	- 1.6		
			S _m N			8.5	4.8				S	02 37 38.0	3.7		
			S _m E			10.0	4.2				XS	02 37 50.0	- 4.1		
1984 6 13 O=02 29 27.3 +/- 0.45 SEC LAT=31.54 N +/- 3.20 KM LONG=140 07 E +/- 6.80 KM DEPTH=25 KM +/- 3.66 KM Ms(CHINA) =5.4/30, Msz(NEIS) =5.5, mb(NEIS) =5.5 STATIONS USED=88, STAND DEV=2.16 SEC															
											SS	02 38 10.0	5.1		
											LN		Ms=5.2	8.0	3.9
											LE			8.0	1.1
								BJI	21.1	300	EP	02 34 07.5	- 1.4		
											ES	02 37 59.5	4.3		
											S _m N			5.5	1.1
											S _m E			10.0	1.0
											LN		Ms=5.2	12.0	5.6
								WHN	22.0	274	PC	02 34 20.0	1.8		
								TIY	23.5	292	EP	02 34 32.0	- 0.6		
											P _m Z			7.0	3.6
											LE		Ms=5.5	10.5	8.1
								HHC	24.7	300	EP	02 34 44.5	0.2		
								GZH	25.1	257	P	02 34 50.4	2.1		
											P _m Z			7.0	5.8

June



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	02 39 16.0	9.8			1984 6 13							
			S _m N			11.0	4.8	O=04 03 09.8			+/- 0.04 SEC				
			S _m E			12.0	11.3	LAT=31.45 N			+/- 0.01 KM				
			LN		Ms=5.2	10.0	3.0	LONG=140.16 E			+/- 0.03 KM				
			LE			9.0	2.3	DEPTH=44 KM							
XAN	26.3	283	PD	02 34 56.6	- 2.1			Ms(CHINA)=4.1/7, mb(NEIS)=5.0							
			S	02 39 32.0	7.3			STATIONS USED=41, STAND DEV=1.94 SEC							
			S _m N			10.0	1.6	MDJ	15.5	330	EP	04 06 46.5	- 1.3		
			S _m E			13.0	3.4	SSE	16.2	273	EP	04 07 01.5	5.0		
			LN		Ms=5.4	10.0	3.8				P _m Z			1.0	0.03
			LE			12.0	4.8				LE		Ms=4.0	10.0	0.5
GYA	29.6	268	P	02 35 29.0	0.2			SNY	16.8	312	PU	04 07 06.8	2.6		
			P _m Z			6.0	1.9				ES	04 10 14.0	5.1		
			PP	02 36 28.0	1.6						XS	04 10 27.0	4.6		
			S	02 40 29.0	10.7						LE		Ms=4.1	12.0	0.7
			S _m N			9.0	1.2	DL2	16.9	301	EP	04 07 07.0	2.5		
			SS	02 42 02.0	7.2						S	04 10 19.0	9.5		
			LE		Ms=5.4	11.5	4.8				LN		Ms=4.1	11.0	0.6
LZH	30.3	288	EP	02 35 34.5	- 1.0			CN2	16.9	320	PC	04 07 05.6	0.2		
			P _m Z			6.5	0.5	NJ 2	18.1	277	PR	04 07 23.0	2.7		
			PP	02 36 40.0	4.0						P _m Z			4.5	0.9
			S	02 40 37.5	7.3						S	04 10 49.0	10.7		
			S _m E			9.0	4.3				LN		Ms=4.1	10.0	0.5
CD2	31.0	278	EP	02 35 39.2	- 1.9			TIA	19.7	290	EP	04 07 37.4	- 1.2		
			PP	02 36 45.5	1.2						ES	04 11 20.0	6.9		
			S	02 40 43.0	2.9						LN		Ms=3.8	12.0	0.3
			LE		Ms=5.7	14.0	11.7	QZH	20.1	256	EP	04 07 45.0	2.5		
KMI	33.4	268	EP	02 36 04.0	1.9						P _m Z			4.0	0.5
			P _m Z			7.0	2.1				S	04 11 31.0	10.1		
			LN		Ms=5.3	12.0	4.0				S _m E			5.0	0.7
GTA	33.5	294	EP	02 36 03.7	0.6						LE		Ms=4.1	9.0	0.4
			P _m Z			7.0	1.1	BJ I	21.2	300	EP	04 07 53.0	- 1.4		
			PP	02 37 14.5	- 1.8						PP	04 08 18.0	0.0		
			S	02 41 23.5	3.9						ES	04 11 53.0	10.0		
			LE		Ms=5.3	14.0	4.3				S _m N			8.0	0.5
LSA	41.9	280	EP	02 37 10.5	- 3.1			WHN	22.1	274	P	04 08 05.0	1.5		
			PP	02 38 52.5	- 1.0			BTO	25.9	299	EP	04 08 40.9	0.6		
			S	02 43 20.5	- 6.8			XAN	26.4	284	EP	04 08 41.9	- 2.3		
			LN		Ms=5.1	13.0	1.7	GYA	29.7	268	P	04 09 12.2	- 1.9		
WMQ	42.6	302	EP	02 37 17.5	- 1.5			LZH	30.4	288	EP	04 09 19.5	- 1.5		
			PP	02 38 59.5	- 1.1			CD2	31.1	278	EP	04 09 26.0	- 0.5		
			PCP	02 39 08.0	- 2.3			KMI	33.4	268	EP	04 09 48.5	1.1		
			S	02 43 32.0	- 5.0						ES	04 15 05.0	- 0.2		
			XS	02 43 59.0	- 4.9										
			SCS	02 47 11.0	- 0.1			1984 6 13							
								O=05 47 09.0			+/- 0.68 SEC				

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LAT=1.44 S +/- 4.29 KM LONG=80.62 W +/- 2.68 KM DEPTH=50 KM +/- 5.53 KM Ms z(NEIS)=3.1, mb(NEIS)=4.8 STATIONS USED=19, STAND DEV=3.35 SEC							
SSE	144.0	327	IPKP	06 06 38.0	- 2.1		
			PKP _{mZ}			0.8	0.02
NJ 2	144.4	330	EPKP	06 06 38.4	- 2.5		
LZH	145.3	353	EPKP	06 06 42.5	- 0.1		
			PKP _{mZ}			1.0	0.06
XAN	146.4	345	EPKP	06 06 43.5	- 0.8		
CD2	150.4	352	EPKP	06 06 56.2	5.4		
1984 6 13							
O=06 59 31.2 +/- 0.10 SEC							
LAT=10.39 S +/- 0.59 KM							
LONG=161.36 E +/- 1.12 KM							
DEPTH=110 KM +/- 0.80 KM							
mb(NEIS)=4.6							
STATIONS USED=13, STAND DEV=0.73 SEC							
CN2	63.0	331	(P)	07 09 49.0	- 0.6		
XAN	66.5	314	EP	07 10 11.0	- 1.2		
1984 6 13							
O=11 24 13.5 +/- 0.20 SEC							
LAT=0.42 N +/- 1.11 KM							
LONG=123.95 E +/- 2.13 KM							
DEPTH=224 KM +/- 1.61 KM							
mb(NEIS)=4.9							
STATIONS USED=33, STAND DEV=1.13 SEC							
GYA	30.8	328	P	11 30 11.4	0.7		
WHN	31.3	343	EP	11 30 17.0	1.8		
NJ 2	31.8	351	EP	11 30 20.0	0.3		
CD2	35.9	329	EP	11 30 54.6	0.4		
TIA	36.2	350	EP	11 30 55.5	- 1.2		
XAN	35.3	338	EP	11 30 56.3	- 1.4		
MDJ	44.3	5	EP	11 32 02.8	- 0.4		
WMQ	53.9	328	P	11 33 16.4	- 0.3		
1984 6 13							
O=13 28 08.7 +/- 0.31 SEC							
LAT=4.46 N +/- 2.14 KM							
LONG=94.91 E +/- 1.21 KM							
DEPTH=47 KM +/- 2.47 KM							
Ms(CNINA)=4.7/9, Ms z(NEIS)=4.8, mb(NEIS)=5.1							
STATIONS USED=57, STAND DEV=1.75 SEC							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
QZN	20.5	43	EP	13 32 50.7	1.4		
			ES	13 36 43.5	9.7		
KMI	21.9	19	PC	13 33 04.5	1.4		
			AP	13 33 13.5	4.2		
			PP	13 33 26.5	- 1.0		
			ES	13 36 56.0	- 3.6		
			LN			Ms = 4.2	12.0 0.6
GAY	24.6	26	P	13 33 30.8	1.2		
LSA	25.4	352	P	13 33 38.8	1.6		
			S	13 38 02.2	1.3		
CD2	27.6	16	P	13 33 56.2	- 1.3		
			ES	13 38 35.0	- 2.0		
			LN			Ms = 4.8	8.0 1.0
WHN	31.8	33	E(P)	13 34 34.5	- 0.1		
LZH	32.5	13	EP	13 34 39.5	- 2.0		
GTA	35.1	6	P	13 35 02.3	- 1.2		
			LN			Ms = 4.3	13.0 0.3
NJ 2	35.5	36	EP	13 35 06.5	0.0		
TIY	36.8	23	EP	13 35 17.5	- 0.2		
			LN			Ms = 4.6	14.0 0.8
TIA	37.6	30	EP	13 35 24.1	- 0.8		
			LN			Ms = 5.0	13.0 1.3
			LE				13.0 0.8
BTO	38.5	18	EP	13 35 30.0	- 2.0		
HHC	39.2	20	EP	13 35 38.6	0.5		
WMQ	39.7	351	P	13 35 42.5	0.1		
BJI	40.3	25	EP	13 35 48.0	1.0		
DL2	42.0	31	EP	13 36 01.6	0.5		
SNY	45.2	30	EP	13 36 26.2	- 0.5		
			LN			Ms = 4.9	16.0 0.7
			LE				13.0 0.8
CN2	47.5	29	IPC	13 36 44.9	- 0.7		
			AP	13 36 54.5	2.1		
			PCP	13 38 14.2	- 0.9		
			ES	13 43 34.0	- 5.3		
			LN			Ms = 4.7	13.0 0.5
MDJ	50.2	31	EP	13 37 06.5	0.1		
1984 6 13							
O=13 36 36 24.9 +/- 0.49 SEC							
LAT=26.25 N +/- 2.46 KM							
LONG=126.24 E +/- 5.12 KM							
DEPTH=46 KM +/- 3.97 KM							
Ms(NHINA)=4.1/9, mb(NEIS)=4.5							
STATIONS USED=29, STAND DEV=2.45 SEC							
SSE	6.6	318	EP	13 38 03.8	2.4		

June

1964 6 13							1964 6 13								
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
			LG ₂	13 39 57.2	- 4.1			CD2	42.8	324	EP	13 50 38.2	- 0.6		
			LE		Ms=3.8	16.0	1.4				LE		Ms=4.9	12.0	1.0
QZH	7.0	260	EP	13 38 09.0	1.1			DL2	43.0	349	EP	13 50 40.0	0.3		
			S	13 39 22.0	- 5.4						XP	13 50 54.0	2.6		
			LN		Ms=3.8	10.0	0.7				S	13 57 03.0	- 0.5		
NJ 2	8.7	313	EP	13 38 29.4	- 1.2						LE		Ms=5.0	18.0	1.8
			ES	13 40 04.0	- 4.1			TIY	44.4	338	EP	13 50 51.0	- 0.1		
			LN		Ms=4.1	14.0	1.2				(P)	13 57 18.0	- 6.0		
			LE			13.0	1.0				LE		Ms=4.9	19.0	1.3
WHN	11.3	294	EP	13 39 03.0	- 3.8			BJI	45.3	344	EP	13 50 58.0	- 0.6		
SNY	15.7	352	EP	13 40 05.8	1.2						PP	13 52 48.0	3.2		
BJI	16.1	331	EP	13 40 13.0	3.0						ES	13 57 40.0	2.6		
TIY	16.3	317	EP	13 40 12.0	- 1.0			SNY	45.5	352	EP	13 51 00.0	- 0.3		
			LN		Ms=4.0	15.0	0.7				S	13 57 38.0	- 2.4		
CN2	17.5	358	EP	13 40 27.0	- 0.7						LN		Ms=4.9	22.0	0.8
GYA	17.5	275	P	13 40 32.8	4.7						LE			24.0	1.3
MDJ	18.5	7	EP	13 40 40.5	0.5			LZH	46.7	329	P	13 51 10.3	0.2		
BTO	19.7	320	P	13 40 50.9	- 2.1						P _m Z			2.0	0.3
			LN		Ms=4.3	13.0	0.7				ES	13 57 53.0	- 5.1		
			LE			13.0	0.6				LE		Ms=4.7	14.0	0.6
CD2	20.3	288	P	13 40 59.1	- 0.4			CN2	47.3	354	EP	13 51 13.5	- 0.5		
KMI	21.2	272	EP	13 41 11.0	1.7						SCP	13 56 37.0	1.5		
LZH	21.5	302	EP	13 41 11.7	- 0.3			HHC	47.5	340	EP	13 51 16.0	0.2		
			P _m Z			1.8	0.09	BTO	47.8	338	EP	13 51 17.0	- 1.3		
1964 6 13							1964 6 13								
O=13 42 40.4 +/- 0.16 SEC							O=13 54 58.9 +/- 0.18 SEC								
LAT=3.42 S +/- 0.93 KM							LAT=3.45 S +/- 1.10 KM								
LONG=130.90 E +/- 0.61 KM							LONG=130.99 E +/- 0.69 KM								
DEPTH=25 KM +/- 1.26 KM							DEPTH=30 KM +/- 1.42 KM								
Ms(CHINA)=4.9/11, Msz(NEIS)=5.0, mb(NEIS)=5.5							Ms(CHINA)=4.5/1, mb(NEIS)=4.9								
STATIONS USED=58, STAND DEV=1.14 SEC															
QZN	30.4	317	EP	13 48 56.0	2.3						P _m Z			2.0	0.2
			S	13 53 49.5	- 2.8						XP	13 53 08.8	2.8		
			LE		Ms=4.9	21.0	2.8				S	14 01 11.5	1.6		
NJ 2	37.1	342	PC	13 49 52.5	1.6						S _m N			6.0	0.5
			S	13 55 35.5	0.1						SCS	13 02 43.0	4.0		
			LN		Ms=4.4	12.0	0.4				SS	14 05 12.4	3.4		
WHN	37.3	336	P	13 49 53.0	0.4						LN		Ms=5.1	32.0	2.0
GYA	37.8	323	P	13 50 00.8	3.4			KSH	66.0	316	EP	13 53 29.0	1.2		
KMI	39.4	317	PC	13 50 11.5	1.0						ES	14 02 14.0	0.8		
TJA	41.5	343	EP	13 50 26.5	- 1.0			1964 6 13							
			ES	13 56 36.8	- 4.7			O=13 54 58.9 +/- 0.18 SEC							
			LN		Ms=4.9	24.0	1.8	LAT=3.45 S +/- 1.10 KM							
XAN	42.6	332	EP	13 50 36.1	- 0.9			LONG=130.99 E +/- 0.69 KM							
			ES	13 56 54.0	- 4.7			DEPTH=30 KM +/- 1.42 KM							
								Ms(CHINA)=4.5/1, mb(NEIS)=4.9							

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
STATIONS USED = 41, STAND DEV = 1.36 SEC								LONG = 124.27 E +/- 0.56 KM							
NJ2	37.1	342	EP	14 02 10.0	0.9			DEPTH = 336 KM +/- 1.16 KM							
WHN	37.3	335	PD	14 02 12.5	1.6			mb (NEIS) = 4.5							
KMI	39.5	317	PD	14 02 30.0	1.1			STATIONS USED = 23, STAND DEV = 0.96 SEC							
			ES	14 08 31.0	1.6			GYA	28.4	325	EP	18 33 12.6	0.4		
			LN			Ms = 4.5	12.0 0.4	NJ2	28.9	350	EP	18 33 16.5	0.3		
XAN	42.7	332	EP	14 02 54.2	- 1.1			CD2	33.5	326	EP	18 33 55.6	- 0.1		
CD2	42.9	324	EP	14 02 57.6	0.5			XAN	33.6	336	EP	18 33 56.2	- 0.8		
DL2	43.0	349	EP	14 02 58.0	0.1			BJI	37.1	349	EP	18 34 26.5	0.0		
BJI	45.4	343	EP	14 03 16.5	- 0.2			LSA	40.8	313	PC	18 34 59.9	2.8		
SNY	45.6	352	EP	14 03 17.7	- 0.6			GTA	42.1	331	P	18 35 08.1	0.7		
LZH	46.8	329	PD	14 03 29.0	0.7						P _m Z			0.5	0.02
			P _m Z				2.0 0.1				PCP	18 36 55.5	0.4		
CN2	47.3	354	EP	14 03 31.0	- 1.0						SCP	18 40 12.4	0.8		
HHC	47.5	339	EP	14 03 34.7	0.7			WMQ	51.6	326	P	18 36 20.0	- 0.3		
BTO	47.8	338	EP	14 03 36.5	0.0			1984 6 14							
MDJ	47.9	358	PC	14 03 36.0	- 0.5			O = 00 08 26.7 +/- 0.19 SEC							
LSA	50.4	313	EP	14 03 56.5	0.0			LAT = 52.17 N +/- 0.63 KM							
GTA	51.4	329	EP	14 04 03.2	- 0.5			LONG = 169.69 W +/- 0.74 KM							
WMQ	61.0	325	E(P)	14 05 10.0	- 2.6			DEPTH = 30 KM +/- 1.54 KM							
			ES	14 13 29.0	1.0			mb (NEIS) = 4.7							
			SCS	14 15 00.5	3.7			STATIONS USED = 23, STAND DEV = 0.66 SEC							
1984 6 13								TIA	52.6	282	EP	00 17 39.7	- 0.6		
O = 16 07 50.8 +/- 0.16 SEC								BTO	53.9	291	EP	00 17 49.0	- 0.8		
LAT = 80.11 N +/- 1.08 KM								XAN	59.0	286	EP	00 18 25.4	- 0.9		
LONG = 0.59 W +/- 0.59 KM								CD2	64.2	287	P	00 19 02.5	0.7		
DEPTH = 10 KM +/- 1.20 KM								GYA	65.8	282	P	00 19 12.2	0.4		
MsZ (NEIS) = 3.8, mb (NEIS) = 4.8								1984 6 14							
STATIONS USED = 34, STAND DEV = 1.22 SEC								O = 10 04 26.6 +/- 0.19 SEC							
WMQ	46.9	82	IPC	16 16 24.5	0.6			LAT = 10.04 N +/- 3.20 KM							
			ES	16 23 10.5	- 4.0			LONG = 69.88 W +/- 0.66 KM							
			S _m N				3.5 0.05	DEPTH = 10 KM +/- 1.07 KM							
MDJ	52.4	43	EP	16 17 05.7	- 0.6			MsZ (NEIS) = 4.4, mb (NEIS) = 5.3							
CN2	52.7	47	EP	16 17 07.5	- 1.0			STATIONS USED = 37, STAND DEV = 2.24 SEC							
GTA	53.2	72	IPC	16 17 12.4	- 0.1			CN2	124.6	346	PKPD	10 23 29.6	1.8		
SNY	54.4	49	EP	16 17 21.0	0.0			HHC	129.4	358	EPKP	10 23 37.0	0.0		
TIA	59.0	56	EP	16 17 53.1	- 1.0			BJI	129.9	353	EPKP	10 23 38.0	0.1		
XAN	59.9	64	EP	16 17 59.3	- 1.0			GTA	129.9	10	PKP	10 23 37.8	- 0.3		
LSA	61.3	82	EP	16 18 10.0	0.3			DL2	130.1	348	EPKP	10 23 41.6	3.2		
CD2	62.2	70	EP	16 18 14.6	- 0.9			TIA	133.5	352	EPKP	10 23 49.4	4.6		
GYA	67.0	68	P	16 18 46.8	- 0.2			XAN	136.2	1	PKP	10 23 53.0	3.3		
1984 6 13								NJ2	137.3	349	PKPD	10 23 55.6	3.8		
O = 18 27 45.2 +/- 0.15 SEC								CD2	138.8	8	EPKP	10 23 58.8	4.1		
LAT = 3.48 N +/- 0.70 KM								GYA	143.6	5	PKP	10 24 03.0	0.0		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
KMI	144.3	11	EPKP	10 24 04.0	- 0.5			NJ2	19.1	98	EP	13 59 21.6	- 4.2		
			PP	10 27 19.0	- 2.9						LE	Ms=4.2		11.0	0.6
<p>1984 6 14 O=13 54 59.9 +/- 0.37 SEC LAT=37.07 N +/- 2.50 KM LONG=96.47 E +/- 6.22 KM DEPTH=8 KM +/- 2.98 KM Ms(CHINA)=4.3/14, mb(NEIS)=5.0, ML(CHINA)=4.9/3 STATIONS USED=53, STAND DEV=2.22 SEC</p>								<p>DL2 19.9 77 P 13 59 35.2 0.2 SSE 21.3 98 EP 13 59 49.6 0.1 SNY 21.4 68 PC 13 59 50.6 - 0.2 ES 14 03 43.0 - 1.1 LE Ms=4.2 12.0 0.6 CN2 23.0 63 EP 14 00 07.0 0.6 ES 14 04 12.0 - 0.8 ELG₂ 14 07 36.0 - 2.2 LN Ms=4.3 12.0 0.3 LE 12.0 0.6 MDJ 26.0 62 EP 14 00 36.0 0.3</p>							
GTA	3.5	47	IPGC	13 56 02.0	- 2.0			<p>1984 6 14 O=20 55 36.3 +/- 0.32 SEC LAT=4.25 S +/- 4.38 KM LONG=101.56 E +/- 0.90 KM DEPTH=44 KM +/- 1.46 KM mb(NEIS)=4.6 STATIONS USED=18, STAND DEV=5.04 SEC</p>							
			SG	13 56 49.0	1.1			GTA	30.9	8	EP	21 01 50.4	- 1.4		
			S _m N			8.0	3.4	LSA	35.2	344	EP	21 02 29.2	0.0		
LZH	6.0	97	PNC	13 56 31.8	0.1			XAN	38.7	9	P	21 02 56.8	- 1.5		
			SN	13 57 41.0	- 0.9			WMQ	49.5	346	EP	21 04 25.0	0.2		
			S _m N			4.0	2.6				S	21 11 25.0	- 3.2		
			S _m E			3.0	1.9				S _m N			2.5	0.03
			LE	Ms=4.1		11.0	2.0				S _m E			2.5	0.04
LSA	8.6	212	P	13 57 07.5	- 0.7			CN2	52.5	21	PD	21 04 45.3	- 2.1		
			S	13 58 44.5	- 2.4			MDJ	54.8	24	EP	21 05 02.5	- 1.9		
			SS	13 59 07.5	9.3			<p>1984 6 15 O=04 27 14.0 +/- 0.44 SEC LAT=52.34 N +/- 2.42 KM LONG=178.46 W +/- 4.76 KM DEPTH=170 KM +/- 3.58 KM mb(NEIS)=5.1 STATIONS USED=60, STAND DEV=2.30 SEC</p>							
			LN	Ms=4.3		10.0	1.4	SNY	39.8	278	EP	04 34 32.9	0.2		
			LE			9.0	1.1	BJI	45.4	281	EP	04 35 18.1	0.5		
WMQ	9.5	317	IPC	13 57 20.5	0.2			TIA	47.3	276	PC	04 35 32.0	- 0.2		
			S	13 59 08.0	- 0.7			SSE	48.2	268	EP	04 35 39.2	- 0.6		
			S _m N	ML=5.4		1.7	0.5	NJ2	49.0	271	EP	04 35 45.2	- 0.5		
			S _m E			1.7	0.6	WHN	52.8	273	EP	04 36 15.1	0.7		
			LN	Ms=4.4		9.0	1.2	XAN	53.7	280	PC	04 36 19.6	- 1.3		
			LE			9.0	1.5	LZH	55.3	285	EP	04 36 31.5	- 1.4		
BTO	11.1	67	IPD	13 57 42.7	- 0.2										
			LG ₂	14 01 08.0	0.7										
			LN	Ms=4.3		11.0	1.1								
			LE			11.0	1.1								
HHC	12.3	67	EP	13 57 59.1	- 0.1										
TIY	12.7	82	EP	13 58 01.5	- 2.7										
			LG ₁	14 01 45.0	5.8										
			LE	Ms=4.0		12.0	0.7								
KMI	13.1	154	EP	13 58 14.0	5.0										
			ES	14 00 44.0	8.0										
			LN	Ms=4.3		10.0	1.1								
GYA	13.7	137	P	13 58 20.4	3.5										
BJI	15.7	73	EP	13 58 45.0	1.7										
WHN	16.2	108	P	13 58 53.0	3.1										
TIA	16.6	86	EP	13 58 55.0	0.1										
			LN	Ms=4.1		10.0	0.3								
			LE			10.0	0.4								

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GTA	55.4	291	IPC	04 36 32.2	- 1.3		
GZH	58.8	267	EP	04 36 53.5	- 3.8		
CD2	59.0	281	EP	04 36 57.8	- 0.8		
GYA	60.4	275	P	04 37 08.0	- 0.5		
KMI	63.8	277	PD	04 37 30.3	- 0.7		
LSA	67.3	289	EP	04 37 53.6	- 0.1		
1984 6 15							
O = 05 36 47.1 +/- 0.35 SEC							
LAT = 12.08 N +/- 2.10 KM							
LONG = 125.74 E +/- 4.91 KM							
DEPTH = 56 KM +/- 2.88 KM							
mb (NEIS) = 4.2, mb (NEIS) = 5.0							
STATIONS USED = 21, STAND DEV = 0.93 SEC							
WHN	21.2	331	EP	05 41 31.0	0.9		
GYA	22.9	311	P	05 41 48.4	0.7		
TIA	25.2	343	EP	05 42 09.7	- 0.1		
KMI	25.3	304	EP	05 42 11.0	0.4		
XAN	26.7	327	EP	05 42 22.0	- 1.3		
CD2	27.6	316	EP	05 42 29.9	- 2.0		
SNY	29.7	356	EP	05 42 50.0	- 0.2		
BTO	31.6	336	EP	05 43 06.3	- 0.9		
GTA	35.6	324	P	05 43 41.8	0.0		
LSA	36.6	304	PD	05 43 51.0	0.7		
WMQ	45.5	321	P	05 45 03.5	0.3		
1984 6 15							
O = 07 34 32.0 +/- 0.18 SEC							
LAT = 3.49 S +/- 0.92 KM							
LONG = 130.84 E +/- 0.68 KM							
DEPTH = 50 KM +/- 1.41 KM							
mb (NEIS) = 5.2							
STATIONS USED = 54, STAND DEV = 1.13 SEC							
WHN	37.3	336	EP	07 41 42.5	0.7		
GYA	37.9	323	P	07 41 47.6	1.2		
KMI	39.4	317	PD	07 42 01.5	2.2		
TIA	41.5	343	EP	07 42 16.1	- 0.5		
XAN	42.7	332	P	07 42 25.0	- 1.1		
CD2	42.9	324	P	07 42 28.0	0.3		
DL2	43.0	349	EP	07 42 30.0	1.0		
TIY	44.4	339	EP	07 42 40.0	- 0.2		
BJI	45.4	344	EP	07 42 47.0	- 0.7		
SNY	45.6	352	IPC	07 42 48.7	- 0.8		
LZH	46.8	329	EP	07 43 00.5	1.5		
P _m Z							
CN2	47.3	354	PC	07 43 01.6	- 1.6	1.5	0.09

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
MDJ	47.9	358	EP	07 43 06.5	- 1.3		
LSA	50.3	313	PD	07 43 28.9	2.0		
GTA	51.4	329	P	07 43 35.0	0.6		
WMQ	61.0	325	P	07 44 43.5	0.3		
1984 6 15							
O = 11 13 04.9 +/- 0.30 SEC							
LAT = 18.04 S +/- 1.53 KM							
LONG = 174.89 W +/- 2.88 KM							
DEPTH = 263 KM +/- 2.47 KM							
mb (NEIS) = 5.3							
STATIONS USED = 51, STAND DEV = 0.96 SEC							
MDJ	80.3	323	PC	11 24 48.5	- 0.1		
NJ2	80.6	308	PC	11 24 51.0	0.5		
CN2	82.2	320	PC	11 24 58.4	- 0.3		
SNY	82.3	318	EP	11 24 58.5	- 0.5		
WHN	83.4	304	EP	11 25 05.0	0.2		
TIA	83.8	311	PC	11 25 07.3	0.3		
BJI	86.3	314	EP	11 25 19.0	0.1		
GYA	88.0	298	P	11 25 29.0	1.5		
XAN	89.0	306	P	11 25 32.6	0.5		
BTO	90.8	312	EP	11 25 40.3	0.1		
KMI	90.9	296	PC	11 25 42.5	1.6		
CD2	92.0	301	P	11 25 47.5	1.7		
LZH	93.6	306	PC	11 25 54.0	0.4		
P _m Z							
1.2 0.05							
1984 6 15							
O = 11 44 02.2 +/- 0.25 SEC							
LAT = 38.50 N +/- 0.02 KM							
LONG = 144.28 E +/- 0.02 KM							
DEPTH = 9 KM +/- 0.03 KM							
STATIONS USED = 11, STAND DEV = 5.41 SEC							
MDJ	12.6	303	EP	11 47 03.0	- 1.4		
CN2	15.1	296	EP	11 47 34.6	- 3.5		
BTO	26.4	285	E(P)	11 49 41.0	- 0.4		
GYA	33.7	260	EP	11 50 44.6	- 1.8		
1984 6 15							
O = 14 22 22.5 +/- 0.25 SEC							
LAT = 15.80 S +/- 1.52 KM							
LONG = 174.78 W +/- 2.29 KM							
DEPTH = 240 KM +/- 2.04 KM							
mb (NEIS) = 6.1							
STATIONS USED = 102, STAND DEV = 0.91 SEC							
QZH	76.5	301	IPR	14 33 49.0	0.5		

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			P _m Z			6.0	8.3				S _m E			9.0	7.0
			PP	14 36 44.0	- 0.3			SNY	80.7	318	IPR	14 34 11.0	0.1		
			PP _m Z			6.0	2.5				P _m N			4.0	1.3
			S	14 43 12.0	- 1.4						P _m E			4.0	2.0
			SKS	14 43 40.0	9.0						P _m Z			4.0	5.9
SSE	77.1	307	PR	14 33 51.5	- 0.4						AP	14 35 10.5	2.9		
			P _m Z			7.0	4.8				PP	14 37 23.0	3.7		
			S	14 43 18.0	- 2.2						IS	14 44 00.0	2.7		
			S _m E			9.0	3.3				S _m N			7.0	2.0
			LE			16.0	4.8				S _m E			8.0	8.9
MDJ	78.5	323	IPD	14 33 59.0	- 0.6			QZN	81.8	292	PD	14 34 17.6	0.7		
			P _m Z			8.0	8.5				P _m Z			7.0	6.7
			AP	14 34 59.5	3.6						IS	14 44 13.0	4.0		
			XP	14 35 26.0	4.8						S _m N			11.0	2.6
			PP	14 37 00.0	- 1.5						S _m E			11.0	5.0
			S	14 43 32.0	- 3.0						LN			19.0	6.0
			S _m E			9.0	12.6				LE			18.0	6.6
			SKS	14 43 44.0	- 1.4			WHN	82.2	304	PD	14 34 19.0	0.1		
			LN			40.0	17.9				AP	14 35 20.0	4.2		
NJ2	79.3	307	IPD	14 34 04.5	0.6						IS	14 44 14.0	1.0		
			P _m Z			8.0	6.2				S _m N			10.0	3.5
			AP	14 35 04.5	4.1			TIA	82.5	310	PD	14 34 20.2	0.0		
			S	14 43 45.5	2.0						P _m Z			6.0	7.2
			SS	14 49 03.0	5.0						AP	14 35 21.5	4.5		
GZH	80.2	297	PD	14 34 09.2	0.8						S	14 44 18.0	2.6		
			P _m Z			6.0	8.0				S _m N			9.0	2.1
			XP	14 35 34.5	4.3						S _m E			9.0	4.0
			PP	14 37 10.0	- 4.8						LN			21.0	3.9
			S	14 43 54.5	2.2			BJI	84.8	313	IPR	14 34 32.0	0.1		
			S _m N			10.0	2.2				P _m N			6.0	1.5
			S _m E			8.0	2.5				P _m E			6.0	2.5
			SS	14 49 08.5	- 2.2						P _m Z			6.0	8.4
DL2	80.5	314	IPR	14 34 10.0	- 0.1						AP	14 35 32.0	3.0		
			P _m N			5.0	1.5				SKS	14 44 30.0	1.3		
			P _m E			6.0	7.7				ES	14 44 40.0	1.7		
			PP	14 37 14.0	- 3.8						S _m N			10.0	3.2
			PP _m Z			6.0	1.4				S _m E			12.0	8.2
			IS	14 43 58.0	2.4			TIY	86.5	310	IPD	14 34 40.8	0.4		
			S _m N			10.0	1.8				P _m Z			7.0	7.8
			S _m E			10.0	9.8				AP	14 35 41.0	3.5		
			LN			16.0	2.3				XP	14 36 00.0	- 2.6		
CN2	80.5	320	IPD	14 34 09.6	- 0.6						PP	14 38 02.0	- 1.4		
			P _m Z			6.0	7.1				SKS	14 44 43.0	3.0		
			AP	14 35 10.5	3.6						S	14 44 59.0	4.1		
			XP	14 35 37.0	4.9						S _m E			10.0	4.5
			S	14 43 57.0	1.0			GYA	87.1	298	PR	14 34 44.0	0.9		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			P _m Z			3.0	3.7				S _m E			5.0	1.1
			SKS	14 44 42.0	- 1.7			KSH	114.6	306	PKPR	14 40 36.0	0.8		
			S	14 45 03.0	2.7										
			S _m E			12.0	4.4				1984 6 15				
XAN	87.8	306	IPD	14 34 46.6	0.1						O = 16 06 08.8	+/-	0.37 SEC		
			PP	14 38 12.5	- 4.9						LAT = 19.68 N	+/-	2.19 KM		
			SKS	14 44 50.0	1.7						LONG = 92.54 E	+/-	1.39 KM		
			S	14 45 00.5	- 6.4						DEPTH = 10 KM	+/-	2.86 KM		
			S _m E			10.0	4.2				mb (NEIS) = 4.9				
HHC	88.3	313	IPD	14 34 49.6	0.5						STATIONS USED = 35, STAND DEV = 2.76 SEC				
			P _m Z			8.0	9.3	LSA	10.1	353	EP	16 08 36.2	- 1.0		
			SKS	14 44 54.0	2.3						S	16 10 29.6	- 2.3		
			IS	14 45 19.0	7.0			KMI	10.9	58	EP	16 08 49.0	0.8		
			S _m E			9.0	43.0	GYA	14.6	59	P	16 09 45.6	7.2		
BTO	89.3	312	IPD	14 34 54.0	0.2			CD2	15.1	39	EP	16 09 48.1	- 3.9		
			P _m N			5.0	1.4				S	16 12 39.8	7.3		
			P _m E			5.0	2.0	CZH	19.7	76	EP	16 10 38.5	- 2.5		
			P _m Z			5.0	8.7	XAN	20.4	42	P	16 10 45.8	- 3.3		
			AP	14 35 55.5	4.3			GTA	20.6	16	P	16 10 50.0	- 1.7		
			PP	14 38 22.0	- 7.6			WHN	22.5	56	PD	16 11 09.0	- 1.0		
			SKS	14 44 57.0	- 0.7			WMQ	24.4	351	P	16 11 29.5	0.4		
KMI	90.0	296	IPD	14 34 58.5	1.4			FIY	25.0	39	EP	16 11 35.7	1.4		
			PP	14 38 33.0	- 2.0			BTO	25.7	31	EP	16 11 39.1	- 1.9		
			ESKS	14 45 02.0	0.2			NJ2	26.6	57	EP	16 11 49.8	0.1		
			ES	14 45 26.0	- 1.5			SSE	28.2	60	EP	16 12 05.4	1.4		
			S _m E			10.0	6.5	CN2	36.5	41	EP	16 13 14.4	- 2.4		
			XS	14 47 11.0	2.6			MDJ	39.5	42	EP	16 13 47.0	5.0		
			LE			18.0	3.7				1984 6 15				
CD2	90.9	301	IPR	14 35 01.4	0.4						O = 17 34 40.1	+/-	1.92 SEC		
			P _m Z			1.3	3.2				LAT = 43.35 N	+/-	13.93 KM		
			PP	14 38 45.5	4.5						LONG = 101.26 E	+/-	41.20 KM		
			SKS	14 45 04.0	- 3.0						DEPTH = 3 KM	+/-	16.08 KM		
			IS	14 45 29.0	- 6.0						ML (CHINA) = 3.7/4				
			S _m E			8.0	11.0				STATIONS USED = 10, STAND DEV = 4.58 SEC				
LZH	92.4	306	IPR	14 35 08.5	0.4			GTA	4.1	195	PN	17 35 45.4	0.3		
			P _m Z			6.0	3.3				PG	17 35 57.8	3.3		
			AP	14 36 08.0	2.4						SN	17 36 35.0	0.7		
			XP	14 36 33.0	2.5						SG	17 36 50.5	2.5		
			PP	14 38 50.0	- 4.0						S _m N		ML = 3.4	0.5	0.06
			ESKS	14 45 15.0	- 0.5						S _m E			0.5	0.1
GTA	96.4	309	IPD	14 35 26.3	0.0			LZH	7.5	163	EPN	17 36 36.0	2.3		
			S	14 46 21.5	- 1.1						ESN	17 37 56.5	- 4.2		
			LE			20.0	3.8				S _m E		ML = 4.3	1.5	0.1
LSA	101.1	297	PD	14 35 48.7	0.6			WMQ	9.9	277	EP	17 37 08.5	2.4		
			PP	14 39 58.7	- 2.0						LG1	17 39 44.2	- 5.5		
			S	14 47 10.2	7.4										

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STA. CODE	Δ deg	AZ deg	PHASE	CUT 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			1.5	0.06								
			LE			1.5	0.06								
1984 6 15								O = 01 28 37.5 +/- 0.58 SEC							
O = 17 49 02.4 +/- 0.02 SEC								LAT = 13.57 S +/- 1.68 KM							
LAT = 2.76 N +/- 0.03 KM								LONG = 166.43 E +/- 1.74 KM							
LONG = 126.94 E +/- 0.01 KM								DEPTH = 20 KM +/- 3.80 KM							
DEPTH = 62 KM								MsZ (NEIS) = 4.4, mb (NEIS) = 5.0							
mb (NEIS) = 5.1								STATIONS USED = 35, STAND DEV = 0.82 SEC							
GZH	24.1	328	EP	17 54 15.0	1.2			NJ 2	64.3	315	EP	01 39 14.6	0.2		
NJ 2	30.1	346	EP	17 55 10.0	1.2			MDJ	66.9	332	PD	01 39 31.5	0.4		
KMI	32.2	315	EP	17 55 27.5	0.0			CN 2	68.2	329	EP	01 39 40.0	0.3		
TIA	34.5	345	EP	17 55 47.6	0.6			GYA	70.4	304	P	01 39 53.6	0.5		
XAN	35.4	333	EP	17 55 53.0	- 1.5			TIY	71.9	317	EP	01 40 02.0	0.1		
CD 2	35.5	324	(P)	17 55 54.0	- 2.0			XAN	72.3	312	PC	01 40 04.4	- 0.1		
TIY	37.2	340	EP	17 56 10.0	- 0.4			KMI	73.0	301	PC	01 40 09.5	0.6		
BJI	38.4	346	EP	17 56 19.5	- 0.1						AP	01 40 18.5	2.5		
SNY	39.0	356	PD	17 56 25.6	0.6						ES	01 49 40.0	5.6		
LZH	39.4	329	EP	17 56 29.0	0.3			CD 2	74.7	307	EP	01 40 19.2	0.9		
CN 2	40.9	358	EP	17 56 39.5	- 1.0			BTO	75.0	318	EP	01 40 21.3	0.9		
MDJ	41.7	2	EP	17 56 47.7	0.1			LZH	76.9	312	EP	01 40 31.5	0.0		
LSA	43.2	312	P	17 57 01.3	1.0						P _m Z			1.5	0.05
GTA	44.0	329	P	17 57 06.1	- 0.3			GTA	81.3	312	P	01 40 55.9	0.9		
1984 6 15								1984 6 16							
O = 18 50 09.9 +/- 0.11 SEC								O = 06 42 01.5 +/- 0.06 SEC							
LAT = 37.15 N +/- 1.26 KM								LAT = 33.29 N +/- 0.44 KM							
LONG = 55.22 E +/- 0.26 KM								LONG = 102.52 E +/- 0.87 KM							
DEPTH = 0 KM +/- 0.42 KM								DEPTH = 14 KM +/- 0.02 KM							
Ms (CHINA) = 4.9/2, mb (NEIS) = 4.4								ML (CHINA) = 3.3/3							
STATIONS USED = 22, STAND DEV = 1.99 SEC								STATIONS USED = 6, STAND DEV = 2.64 SEC							
KSH	16.5	75	EP	18 54 07.0	2.9			CD 2	2.6	155	EPG	06 42 48.5	- 0.4		
			ES	18 57 11.6	4.0						ESG	06 43 23.5	0.6		
			LG ₂	18 59 21.0	8.2						S _m N	ML = 3.0		0.6	0.08
			LN	Ms = 5.4		7.0	7.8	LZH	3.0	20	EPN	06 42 50.7	0.9		
WMQ	25.5	64	EP	18 55 46.0	4.4			XAN	5.4	80	EPG	06 43 39.7	0.0		
			ES	19 00 14.0	6.5						SN	06 44 23.7	- 2.9		
			SS	19 01 00.5	- 7.7						SG	06 44 58.3	8.0		
			LN	Ms = 4.4		9.0	0.5				S _m N	ML = 3.4		0.8	0.04
GTA	34.8	72	P	18 57 04.2	- 0.8						S _m E			1.2	0.04
CD 2	40.4	84	P	18 57 47.7	- 3.7			1984 6 16							
KMI	42.0	92	EP	18 58 03.5	- 1.7			O = 13 36 52.6 +/- 0.35 SEC							
XAN	43.3	77	EP	18 58 14.8	- 0.8			LAT = 34.67 N +/- 1.76 KM							
1984 6 16								LONG = 70.45 E +/- 1.30 KM							
								DEPTH = 45 KM +/- 3.30 KM							
								Ms (CHINA) = 4.4/4, MsZ (NEIS) = 4.3, mb (NEIS) = 5.0							

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STATIONS USED = 48, STAND DEV = 1.48 SEC															
KSH	6.5	41	PU	13 38 32.0	3.5			BJI	40.7	23	EP	15 44 11.0	0.8		
			LN		Ms=5.6	6.0	31.6	WMQ	40.9	350	P	15 44 12.4	0.3		
WMQ	16.2	50	P	13 40 35.5	- 3.0			1984 6 16							
			ES	13 43 37.0	0.8			O = 16 21 32.3	+/- 0.08 SEC						
			SS	13 43 54.0	- 0.5			LAT = 34.99 N	+/- 2.38 KM						
			SCP	13 49 08.0	6.8			LONG = 22.87 E	+/- 2.27 KM						
			PCS	13 49 14.5	8.2			DEPTH = 40 KM	+/- 1.28 KM						
			LN		Ms=4.5	7.0	1.1	mb (NEIS) = 4.8							
LSA	18.2	100	EP	13 41 02.7	- 1.6			STATIONS USED = 32, STAND DEV = 1.47 SEC							
			AP	13 41 10.5	- 2.4			WMQ	49.7	59	P	16 30 22.5	- 0.7		
			LN		Ms=4.2	12.0	0.7				ES	16 37 31.5	3.0		
GTA	23.9	69	P	13 42 05.7	2.5			LSA	56.9	74	EP	16 31 16.5	- 0.4		
			LE		Ms=4.1	9.0	0.3	GTA	59.7	60	P	16 31 34.4	- 1.5		
LZH	27.2	77	EP	13 42 35.2	0.6			CD2	66.2	68	EP	16 32 18.6	- 0.3		
			P _m Z			2.8	0.08	HHC	67.3	55	EP	16 32 25.0	- 0.8		
CD2	28.2	88	EP	13 42 41.9	- 1.5			KMI	68.2	74	EP	16 32 30.0	- 1.5		
			LN			0.8	0.6	XAN	68.6	62	EP	16 32 33.2	- 0.7		
XAN	31.6	80	EP	13 43 12.8	- 1.4			GYA	70.6	70	P	16 32 47.2	1.0		
BTO	31.7	67	EP	13 43 14.9	0.2			SNY	74.6	49	EP	16 33 08.2	- 1.7		
GYA	32.1	94	P	13 43 17.4	- 0.9			CN2	74.7	47	EP	16 33 09.0	- 1.3		
			PCP	13 46 08.0	- 2.0			NJ2	76.8	60	EP	16 33 22.0	- 0.3		
WHN	37.0	83	EP	13 44 00.0	0.0			1984 6 16							
TIA	37.8	73	P	13 44 07.8	1.2			O = 23 37 12.9	+/- 0.25 SEC						
GZH	39.0	95	EP	13 44 20.0	3.0			LAT = 23.35 N	+/- 2.09 KM						
SNY	41.8	63	EP	13 44 40.0	0.3			LONG = 101.46 E	+/- 0.68 KM						
CN2	42.9	60	EP	13 44 50.3	1.5			DEPTH = 0 KM	+/- 0.09 KM						
MDJ	45.7	58	EP	13 45 15.0	3.4			Ms (CHINA) = 3.6/2, ML (CHINA) = 3.6/3							
1984 6 16								STATIONS USED = 6, STAND DEV = 1.62 SEC							
O = 15 36 31.5	+/- 0.56 SEC							KMI	2.1	33	EPN	23 37 51.0	0.8		
LAT = 3.43 N	+/- 4.59 KM										SN	23 38 14.0	- 3.7		
LONG = 96.16 E	+/- 4.29 KM										SG	23 38 24.0	4.8		
DEPTH = 41 KM	+/- 5.04 KM										S _m N		ML = 3.5	2.0	0.5
Ms (CHINA) = 4.1/1, mb (NEIS) = 4.6											S _m E			1.5	0.3
STATIONS USED = 20, STAND DEV = 1.62 SEC											LE		Ms = 3.4	10.0	1.2
QZN	20.5	39	EP	15 41 06.2	- 2.5			GYA	5.6	55	PG	23 38 57.0	- 1.2		
KMI	22.5	15	EP	15 41 31.0	1.9			CD2	7.8	14	PB	23 39 20.8	7.5		
			LN		Ms=4.1	9.0	0.3				LE		Ms = 3.8	8.0	0.6
GYA	25.0	22	P	15 41 55.0	1.4			1984 6 17							
LSA	26.6	350	P	15 42 08.2	- 0.2			O = 03 46 55.7	+/- 0.67 SEC						
CD2	28.3	13	EP	15 42 26.0	2.5			LAT = 23.64 N	+/- 4.10 KM						
LZH	33.3	11	EP	15 43 07.5	- 0.3			LONG = 120.50 E	+/- 4.90 KM						
GTA	36.0	4	P	15 43 30.9	0.0			DEPTH = 1 KM	+/- 0.17 KM						
BTO	39.1	16	EP	15 43 56.4	- 0.3			Ms (CHINA) = 3.8/3, ML (CHINA) = 3.8/9							
HHC	39.8	18	EP	15 44 04.0	1.5										

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STATIONS USED = 20, STAND DEV = 2.03 SEC QZH 2.2 307 EPN 03 47 33.5 0.1 PG 03 47 39.7 4.4 SN 03 48 08.2 6.9 S _m N ML = 3.8 0.5 0.7 S _m E 0.5 0.5 LN Ms = 3.3 6.0 0.4 GZH 6.6 266 PN 03 48 40.0 3.7 SN 03 49 52.0 - 1.1 LN 1.0 0.2 LE 0.8 0.1 NJ2 8.5 350 EP 03 49 01.0 - 2.0 LE Ms = 3.8 8.0 0.6 GYA 12.9 285 EP 03 50 02.8 0.1 CD2 16.5 299 EP 03 50 51.2 0.4								LONG = 70.81 E +/- 0.69 KM DEPTH = 193 KM +/- 1.27 KM mb (NEIS) = 4.8 STATIONS USED = 37, STAND DEV = 0.82 SEC KSH 5.0 52 P 07 34 01.0 0.6 IS 07 34 58.0 - 0.9 S _m N 4.0 4.7 WMQ 14.8 55 P 07 36 05.0 - 1.4 S 07 38 38.5 - 7.2 S _m N 1.2 0.02 LSA 18.3 105 P 07 36 49.7 1.8 GTA 23.0 74 IPC 07 37 36.0 1.9 CD2 27.9 91 EP 07 38 20.0 0.7 KMI 29.6 103 EP 07 38 33.0 - 1.3 XAN 31.1 83 IPC 07 38 46.8 - 0.7 GYA 32.0 97 P 07 38 55.6 - 0.2 WHN 36.5 86 EP 07 39 34.0 0.0 TIA 37.0 76 EP 07 39 38.7 0.7 GZH 39.0 98 EP 07 39 54.5 0.3 NJ2 39.6 81 PD 07 40 00.4 0.8							
1984 6 17 O = 05 36 19.0 +/- 0.18 SEC LAT = 29.67 N +/- 1.10 KM LONG = 103.35 E +/- 1.81 KM DEPTH = 0 KM ML (CHINA) = 3.4/5 STATIONS USED = 7, STAND DEV = 1.42 SEC CD2 1.3 15 IPGD 05 36 45.0 2.6 ESG 05 37 03.5 4.3 S _m N ML = 3.4 0.6 0.5 S _m E 0.6 0.7 LN 3.5 1.8 GYA 4.3 136 PG 05 37 34.0 - 4.0 SN 05 38 19.0 - 1.1 SG 05 38 37.6 2.8 S _m N ML = 3.4 0.8 0.06 S _m E 0.8 0.06 KMI 4.6 187 EPN 05 37 32.0 0.8 SG 05 38 47.5 5.6 LN 3.0 0.7 XAN 6.4 45 EPN 05 37 56.0 - 1.6 EPG 05 38 20.2 3.9 SN 05 39 06.9 - 5.8 SG 05 39 39.6 - 0.9 S _m N ML = 4.1 1.0 0.1 S _m E 1.2 0.1								1984 6 17 O = 07 48 00.4 +/- 0.25 SEC LAT = 38.86 N +/- 4.62 KM LONG = 25.67 E +/- 2.86 KM DEPTH = 6 KM +/- 0.54 KM Ms (CHINA) = 5.2/5, Ms z (NEIS) = 6.1 mb (NEIS) = 5.0 STATIONS USED = 52, STAND DEV = 3.25 SEC WMQ 45.9 62 EP 07 56 26.8 0.8 LSA 53.9 78 EP 07 57 27.2 - 0.3 GTA 55.9 64 P 07 57 41.6 - 0.7 LZH 60.3 65 EP 07 58 13.0 0.2 P _m Z 1.2 0.04 BTO 62.4 58 EP 07 58 27.9 0.8 CD2 62.8 71 EP 07 58 28.8 - 0.6 HHC 63.3 57 P 07 58 33.4 0.3 XAN 64.9 65 EP 07 58 43.0 - 0.5 KMI 65.0 77 EP 07 58 43.0 - 1.6 TIY 65.5 60 EP 07 58 45.8 - 1.3 LE Ms = 5.2 16.0 1.3 BJI 66.7 56 EP 07 58 55.5 0.3 LN Ms = 5.0 12.0 0.4 LE 11.0 0.3 GYA 67.3 73 EP 07 59 01.8 3.0 TIA 69.4 59 EP 07 59 10.2 - 1.9							
1984 6 17 O = 07 32 44.9 +/- 0.12 SEC LAT = 36.54 N +/- 0.93 KM															

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			LN		Ms=5.2	11.0	0.7	1984 6 17							
			LE			11.0	0.5	O = 16 26 48.8 +/- 0.05 SEC							
CN2	70.4	49	PD	07 59 17.2	- 1.1			LAT = 51.93 N +/- 5.54 KM							
			LE		Ms=5.1	13.0	0.7	LONG = 173.93 W +/- 5.63 KM							
SNY	70.4	51	EP	07 59 20.2	1.9			DEPTH = 12 KM +/- 2.87 KM							
WHN	70.6	66	E(P)	07 59 21.0	1.5			Ms (CHINA) = 5.3/22, Msz (NEIS) = 5.2, mb (NEIS) = 5.4							
DL2	70.9	55	EP	07 59 18.0	- 3.0			STATIONS USED = 55, STAND DEV = 0.96 SEC							
			LN		Ms=5.3	13.0	0.8	MDJ	37.5	281	EP	16 34 04.5	0.0		
			LE			13.0	0.8				PP	16 35 40.0	8.1		
NJ2	73.0	62	EP	07 59 32.0	- 1.4						LE		Ms=5.3	20.0	4.8
1984 6 17								CN2	40.4	283	PU	16 34 27.0	- 2.0		
O = 08 10 33.6					+/- 0.09 SEC						P _m Z			5.0	0.7
LAT = 54.56 N					+/- 2.70 KM						EPP	16 36 05.0	- 0.4		
LONG = 160.28 E					+/- 1.35 KM						ES	16 40 29.0	- 8.4		
DEPTH = 33 KM					+/- 0.04 KM						LE		Ms=5.3	20.0	4.0
Ms (CHINA) = 4.6/3, Msz (NEIS) = 4.7, mb (NEIS) = 4.9								SNY	42.7	281	IPU	16 34 48.6	1.1		
STATIONS USED = 32, STAND DEV = 1.34 SEC											P _m Z			10.0	1.0
MDJ	22.1	255	EP	08 15 29.5	1.8						PP	16 36 27.0	- 1.8		
CN2	24.9	258	P	08 15 54.5	- 1.1						PCS	16 40 34.0	3.8		
			ES	08 20 12.0	- 2.5						S	16 41 11.0	0.3		
			LN		Ms=4.5	14.0	0.7				LN		Ms=5.2	20.0	3.3
			LE			14.0	0.7	DL2	45.6	279	P	16 35 10.0	- 1.4		
SNY	27.2	257	EP	08 16 15.2	- 1.9						ES	16 41 48.0	- 5.5		
BTO	35.9	268	EP	08 17 31.7	- 1.2						LN		Ms=5.2	17.0	2.3
			LN		Ms=4.6	13.0	0.4				LE			17.0	0.8
			LE			13.0	0.5	BJI	48.2	284	EP	16 35 32.0	0.2		
XAN	41.0	261	EP	08 18 13.5	- 2.1						P _n N			5.5	0.2
			ES	08 24 26.0	0.3						P _m E			4.5	0.2
			LN		Ms=4.6	12.0	0.5				P _m Z			6.0	0.5
LZH	42.5	268	EP	08 18 27.5	- 0.5						EPP	16 37 28.0	5.2		
GTA	42.6	274	P	08 18 23.4	- 0.3						ES	16 42 36.0	5.7		
CD2	46.2	263	EP	08 18 57.3	- 0.8						S _m N			10.0	0.3
WMQ	46.6	288	EP	08 19 02.0	1.0						SCS	16 45 20.0	- 1.2		
GVA	47.9	256	EP	08 19 13.6	2.0						LN		Ms=5.4	19.0	3.7
1984 6 17								TIA	50.1	280	PC	16 35 45.9	- 0.4		
O = 14 24 30.5					+/- 0.44 SEC						EPP	16 37 40.0	- 1.6		
LAT = 12.26 N					+/- 6.49 KM						ES	16 42 55.6	- 1.0		
LONG = 144.24 E					+/- 6.62 KM						LN		Ms=5.6	20.0	2.6
DEPTH = 22 KM					+/- 5.86 KM						LE			20.0	4.8
STATIONS USED = 16, STAND DEV = 4.49 SEC								HHC	50.4	288	P	16 35 50.0	0.9		
XAN	38.8	309	EP	14 31 52.3	- 3.2						S	16 43 06.0	4.3		
CD2	41.7	302	EP	14 32 16.5	- 3.2						PU	16 35 54.0	0.5		
GTA	47.6	312	IPC	14 33 04.6	- 2.8						P _m Z			7.0	1.0
WMQ	57.6	314	EP	14 34 20.4	- 1.5						EPP	16 37 53.0	3.0		
											ES	16 43 14.0	4.4		

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BTO	51.5	289	LN		Ms=4.9	15.0	0.9	LSA	70.1	292	PC	16 38 05.2	1.1	KSH	70.6	309	PR	16 38 08.0	1.1
			P	16 35 56.0	- 1.1	ES	16 47 17.8				3.4								
			S	16 43 14.0	- 2.4	SCS	16 48 05.0				- 0.3								
			LN		Ms=5.5	17.0	2.6				LN		Ms=5.6				17.0	3.2	
NJ2	51.8	275	LE			17.0	3.0	1984 6 17											
			PU	16 35 58.0	- 1.4			O=22 33 17.9	+/- 0.10 SEC										
			P _m Z			4.0	0.7	LAT=27.14 N	+/- 1.63 KM										
			S	16 43 24.0	3.5		LONG=66.47 E	+/- 1.47 KM											
TIY	51.9	284	LN		Ms=5.2	19.0	1.8			DEPTH=11 KM	+/- 0.29 KM								
			LE			19.0	1.6	mb(NEIS)=4.2											
			EP	16 36 00.0	- 0.4		STATIONS USED=12, STAND DEV=1.62 SEC												
			S	16 43 25.0	2.7														
WHN	55.6	277	LE		Ms=5.4	21.0	3.4	LSA	21.8	77	EP	22 38 14.6	1.5						
			P	16 36 27.2	- 0.4		WMQ	23.9	40	P	22 38 34.0	1.2							
			ES	16 44 16.0	3.9		CD2	32.7	74	EP	22 39 53.0	- 0.2							
			IPC	16 36 33.2	- 0.8		XAN	37.0	68	PD	22 40 29.0	- 0.7							
XAN	56.5	283	PP	16 38 40.0	- 0.4			1984 6 17											
			ES	16 44 22.5	- 1.5			O=23 10 55.8	+/- 0.09 SEC										
			LE		Ms=5.4	21.0	3.2	LAT=38.23 N	+/- 0.69 KM										
			PR	16 36 38.5	1.0		LONG=134.11 E	+/- 1.11 KM											
QZH	57.0	269	ES	16 44 32.0	1.6			DEPTH=426 KM	+/- 0.78 KM										
			LN		Ms=4.8	15.0	0.6	mb(NEIS)=4.1											
			IPC	16 36 45.5	0.0		STATIONS USED=27, STAND DEV=0.62 SEC												
			P _m Z			1.6	0.2	MDJ	7.2	333	PC	23 12 43.7	0.1						
LZH	58.1	289	ES	16 44 47.0	1.6			CN2	8.6	313	IPC	23 12 59.2	0.3						
			LE		Ms=5.3	17.0	2.0			ES	23 14 38.0	1.8							
			IPC	16 36 44.8	- 0.9		SSE	12.8	240	E(P)	23 13 45.5	- 0.6							
			ES	16 44 43.0	- 2.7		TIA	13.7	266	EP	23 13 55.5	- 0.3							
GTA	58.1	294	LE		Ms=5.4	17.0	2.6	NJ2	13.9	248	PC	23 13 58.4	0.2						
			IPD	16 37 09.0	0.0		BJ1	14.0	283	EP	23 14 00.0	0.5							
			PCS	16 41 52.5	1.4		XAN	20.7	266	PD	23 15 06.5	0.0							
			ES	16 45 24.0	- 5.5		GYA	25.9	251	P	23 15 54.0	0.4							
WMQ	61.5	305	LN		Ms=5.5	17.0	2.9	CD2	26.0	262	EP	23 15 53.7	- 0.5						
			PR	16 37 10.0	0.7		1984 6 18												
			IPD	16 37 09.0	0.0			O=00 17 44.3	+/- 1.39 SEC										
			PCS	16 41 52.5	1.4		LAT=51.49 N	+/- 4.95 KM											
GZH	61.6	271	ES	16 45 32.0	- 0.7			LONG=173.23 W	+/- 1.55 KM										
			EP	16 37 10.5	- 0.2		DEPTH=14 KM	+/- 9.01 KM											
			EPP	16 39 33.0	4.8		Ms(CHINA)=4.8/8, Msz(NEIS)=4.9, mb(NEIS)=5.4												
			ES	16 45 32.0	- 0.7		STATIONS USED=60, STAND DEV=1.53 SEC												
CD2	61.8	284	LN		Ms=5.2	22.0	1.4	MDJ	38.0	282	EP	00 25 02.8	- 1.1						
			LE			22.0	1.4			CN2	40.9	284	PC	00 25 27.0	- 1.5				
			PU	16 37 19.0	- 1.5			P _m Z					2.0	0.2					
			P _m Z			5.0	0.7												
GYA	63.3	279	S	16 45 53.0	1.8														
			EP	16 37 41.5	- 0.9														
			PP	16 40 10.0	0.2														
			ES	16 46 31.0	- 1.9														
KMI	66.6	281	LN		Ms=5.3	20.0	2.1												

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
			PP	00 27 04.0	- 1.7			SSE	7.7	341	EP	04 59 32.5	0.0		
			ES	00 31 35.0	- 5.1			NJ2	9.4	332	EP	04 59 53.8	- 2.4		
			LN	Ms=4.9		20.0	1.6				LE			4.5	0.2
SNY	43.2	282	PC	00 25 47.4	0.5			XAN	16.7	311	EP	05 01 34.3	1.5		
			PP	00 27 31.0	1.9			TIY	17.0	327	EP	05 01 39.7	2.1		
			ES	00 32 10.0	- 3.1			HHC	19.9	331	EP	05 02 11.4	- 1.1		
			LN	M=4.7		20.0	1.0	BTO	20.5	328	EP	05 02 16.2	- 1.6		
DL2	46.1	280	EP	00 26 10.5	0.0			1984 6 18							
BJ1	48.7	285	EP	00 26 31.0	0.0			O=07 57 29.0	+/- 1.16 SEC						
TIA	50.6	281	P	00 26 44.6	- 0.7			LAT=0.72 S	+/- 9.51 KM						
HHC	51.0	289	PD	00 26 48.8	0.4			LONG=99.99 E	+/- 2.99 KM						
SSE	51.5	273	EP	00 26 52.5	0.5			DEPTH=99 KM	+/- 4.92 KM						
			P _m Z			1.0	0.05	mb(NEIS) = 5.4							
			ES	00 34 10.0	- 0.8			STATIONS USED=65, STAND DEV=1.04 SEC							
BTO	52.0	289	P	00 26 56.5	0.1			QZN	21.9	25	P	08 02 17.0	1.7		
			LN	Ms=5.1		16.0	0.9				S	08 06 15.0	9.1		
			LE	Ms=4.9		16.0	0.9				LE			11.0	0.6
NJ2	52.3	275	EP	00 26 57.8	- 0.2			KMI	25.8	5	PC	08 02 54.0	0.6		
TIY	52.5	285	EP	00 26 59.4	- 0.1						AP	08 03 15.0	0.5		
			LE			19.0	0.8				ES	08 07 18.0	4.2		
WHN	56.1	277	P	00 27 26.0	- 0.2						LN			8.0	0.4
XAN	57.0	284	IPC	00 27 32.2	- 0.7			GZH	27.0	27	PD	08 03 04.8	0.9		
			LN	Ms=5.9		13.0	7.1				ES	08 07 37.0	4.5		
QZH	57.4	269	PU	00 27 35.0	- 0.6			GYA	27.8	12	P	08 03 10.8	- 0.4		
			S	00 35 27.0	- 3.9			QZH	31.2	33	EP	08 03 42.4	0.7		
			LN	Ms=4.7		8.0	0.3	LSA	31.4	345	PC	08 03 44.6	0.9		
LZH	58.7	289	IPC	00 27 44.5	0.1			CD2	31.7	6	EP	08 03 44.0	- 1.5		
GTA	58.7	295	IPC	00 27 43.9	- 0.9						ES	08 08 54.8	8.1		
WMQ	62.2	306	IPC	00 28 07.4	- 0.8						LE			22.0	1.3
CD2	62.3	285	EP	00 28 07.7	- 1.7			WHN	34.0	22	IPD	08 04 06.0	0.7		
GYA	63.8	280	P	00 28 19.0	0.2			XAN	35.6	12	IPC	08 04 18.0	- 1.2		
			S	00 36 54.0	1.7						S	08 09 48.0	0.6		
KMI	67.1	281	PC	00 28 40.5	- 0.2			LZH	36.8	5	EP	08 04 28.5	- 1.1		
			ES	00 37 34.0	0.1						P _m Z			1.0	0.08
KSH	71.2	310	EP	00 29 07.0	1.2			NJ2	37.2	27	PU	08 04 30.5	- 1.9		
			ES	00 38 21.0	- 0.9						LN			14.0	0.7
											LE			14.0	0.5
1984 6 18															
				O=04 57 40.1		+/- 0.16 SEC									
				LAT=23.80 N		+/- 1.66 KM									
				LONG=123.98 E		+/- 1.83 KM									
				DEPTH=33 KM		+/- 1.61 KM									
				Ms(CHINA)=3.7/2, mb(NEIS)=4.1											
				STATIONS USED=22, STAND DEV=3.23 SEC											
QZH	5.0	284	EP	04 58 51.1	- 4.5			SSE	37.5	30	P	08 04 36.8	1.5		
			LN	Ms=3.9		5.0	0.7				P _m Z			0.8	0.06
											EPP	08 06 08.0	3.7		
											S	08 10 24.0	7.4		
											EXS	08 10 56.0	0.1		
											LN			10.0	0.7
								TIY	39.9	15	IPD	08 04 56.0	0.4		
											LE			15.0	0.6

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GTA	39.9	359	IPC	08 04 56.2	0.5			BTO	155.0	355	PKP	11 39 58.0	- 4.3		
TIA	40.1	21	P	08 04 55.9	- 0.6			GTA	155.3	14	PKP	11 40 00.0	- 1.4		
BTO	42.1	11	EP	08 05 13.8	0.2			TIY	157.5	349	PKP	11 40 03.0	1.4		
			LN			17.0	1.6	TIA	157.7	339	PKP	11 40 02.6	0.9		
			LE			17.0	0.7				PKP _m Z			7.0	1.3
HHC	42.7	12	P	08 05 19.0	0.7						LN			19.0	2.3
BJI	43.2	18	IPC	08 05 22.5	0.5			LZH	159.3	8	IPKPD	11 40 05.3	1.5		
DL2	44.2	24	EP	08 05 30.0	0.0						PKP _m Z			2.0	0.1
KSH	45.6	333	EP	08 05 42.0	0.1						LE			36.0	4.5
			ES	08 12 20.0	3.3			LSA	159.4	44	EPKP	11 40 06.0	1.8		
WMQ	45.7	347	IPC	08 05 42.6	0.3						SS	12 04 29.9	9.5		
			P _m Z			1.5	0.8	SSE	160.1	323	PKPR	11 40 06.0	1.6		
			S	08 12 24.5	7.0						PKP _m Z			8.0	1.3
			S _m N			1.8	0.08				LN			26.0	2.1
			S _m E			2.0	0.08	NJ2	160.6	329	PKP ₁	11 40 06.0	1.1		
SNY	47.4	23	EP	08 05 54.3	- 1.5						PKP _m Z			6.0	1.0
CN2	49.8	24	IPC	08 06 13.4	- 1.0						PKP ₂	11 40 49.0			
			P _m Z			2.0	0.2				PP	11 44 30.0	- 1.6		
			ES	08 13 18.0	2.5						PP _m Z			6.5	1.0
			LN			17.0	1.2				SKS	11 46 57.5	1.2		
MDJ	52.3	26	PD	08 06 32.8	0.0						SKKS	11 51 09.0			
								XAN	161.6	356	PKPR	11 40 07.6	1.6		
											LN			19.0	1.6
1984 6 18								CD2	164.4	11	IPKPR	11 40 11.0	2.2		
O=11 20 17.3			+/- 0.38 SEC								PKP _m Z			8.0	1.8
LAT=15.58 S			+/- 4.33 KM								EPP	11 44 47.0	- 4.8		
LONG=72.54 W			+/- 7.15 KM								SKKS	11 51 29.0			
DEPTH=109 KM			+/- 3.21 KM								SS	12 05 06.5	- 4.9		
mb(NEIS)=5.8											LN			44.0	5.9
STATIONS USED=83, STAND DEV=1.61 SEC								QZH	166.0	313	PKP ₁	11 40 11.0	0.7		
KSH	143.6	42	EPKP	11 39 39.0	- 1.5						PKP ₂	11 41 13.5			
			LN			21.0	6.6				PP	11 45 04.5	4.6		
MDJ	145.5	331	IPKPD	11 39 44.0	0.3						SKKS	11 51 37.0			
			PKP _m Z			8.0	3.3				SS	12 05 36.0	8.1		
			LE			40.0	5.0	GYA	169.2	3	PKP ₁	11 40 14.0	1.6		
WMQ	147.2	26	IPKPD	11 39 47.5	0.8						PKP _m Z			5.0	1.5
			PP	11 43 24.0	6.7						PKP ₂	11 41 28.0			
			SKKS	11 49 55.0							PP	11 45 15.0	- 0.6		
CN2	148.0	335	PKPD	11 39 47.2	- 0.6						SKKS	11 51 55.0			
SNY	150.4	335	PKP	11 39 52.0	0.4						PKP ₁	11 40 14.0	1.2		
			SKKS	11 50 14.0							PKP _m Z			8.0	15.2
DL2	153.6	334	EPKP	11 39 56.0	1.2			KMI	169.5	24	PKP ₁	11 40 14.0	1.2		
			PKP _m Z			7.0	1.0				PKP ₂	11 41 28.0			
BJI	154.5	344	EPKP	11 39 58.0	- 1.3						PP	11 45 19.0	1.5		
			SKKS	11 50 38.0							PP _m Z			8.0	0.6
			LN			20.0	1.2				SKKS	11 51 56.0			
HHC	154.6	352	PKP	11 40 00.0	- 3.4						LE			21.0	0.9

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GZH	170.7	324	PKPR	11 40 15.0	1.8		
			PKP _m Z			8.0	1.4
			PP	11 45 22.0	- 1.3		
			PP _m Z			8.0	1.1
QZN	175.9	326	PKP ₁	11 40 18.0	2.6		
			PKP _m Z			8.0	1.4
			PKP ₂	11 41 53.0			
			PP	11 45 47.0	- 2.3		
			SKKS	11 52 30.0			
			ESS	12 07 10.0	6.3		
1984 6 18							
O=12 15 05.3 +/- 0.06 SEC							
LAT=4.51 S +/- 0.68 KM							
LONG=152.00 E +/- 0.84 KM							
DEPTH=188 KM +/- 0.58 KM							
mb(NEIS)=5.2							
STATIONS USED=21, STAND DEV=0.78 SEC							
GYA	53.6	307	P	12 24 10.8	1.0		
XAN	55.9	316	P	12 24 25.6	- 0.6		
GTA	64.9	317	IPC	12 25 28.0	0.5		
LSA	67.4	304	EP	12 25 43.9	0.1		
1984 6 18							
O=13 06 43.6 +/- 0.19 SEC							
LAT=52.95 N +/- 1.89 KM							
LONG=159.38 E +/- 3.64 KM							
DEPTH=46 KM							
mb(NEIS)=5.3							
STATIONS USED=59, STAND DEV=1.82 SEC							
MDJ	21.2	258	EP	13 11 27.6	- 0.2		
CN2	24.1	261	PC	13 11 55.6	- 1.0		
BJI	31.9	263	P	13 13 06.0	- 1.5		
TIA	33.9	257	EP	13 13 23.5	- 0.8		
SSE	35.2	246	EP	13 13 38.5	2.7		
NJ2	35.8	250	PC	13 13 41.2	0.3		
WHN	39.5	253	EP	13 14 13.0	1.1		
XAN	40.2	262	EP	13 14 17.2	- 0.8		
GTA	42.2	270	IPC	13 14 34.5	0.2		
CD2	45.5	263	EP	13 15 00.8	- 0.3		
WMQ	46.6	288	P	13 15 09.5	- 0.2		
GYA	47.0	257	P	13 15 13.0	- 0.2		
KMI	50.4	259	EP	13 15 39.0	- 0.1		
QZN	51.0	247	P	13 15 45.7	2.2		
LSA	54.0	272	EP	13 16 05.3	- 1.2		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
1984 6 18							
O=14 39 20.2 +/- 0.10 SEC							
LAT=11.75 N +/- 1.10 KM							
LONG=125.07 E +/- 1.49 KM							
DEPTH=38 KM							
mb(NEIS)=4.8							
STATIONS USED=7, STAND DEV=1.04 SEC							
SSE	19.8	347	EP	14 43 51.5	1.4		
XAN	27.1	327	P	14 45 01.2	- 1.1		
1984 6 18							
O=15 47 56.5 +/- 0.08 SEC							
LAT=36.59 N +/- 0.68 KM							
LONG=70.93 E +/- 0.67 KM							
DEPTH=213 KM +/- 0.94 KM							
mb(NEIS)=4.8							
STATIONS USED=17, STAND DEV=0.77 SEC							
KSH	4.9	52	IPD	15 49 12.0	0.9		
WMQ	14.7	55	IPD	15 51 15.0	- 0.9		
			S	15 53 56.5	2.9		
			S _m E			1.2	0.07
LSA	18.3	106	EP	15 51 59.0	1.8		
CD2	27.8	92	EP	15 53 28.8	0.5		
XAN	31.0	83	EP	15 53 55.6	- 0.8		
GYA	31.9	98	P	15 54 05.0	0.2		
1984 6 18							
O=20 48 58.4 +/- 0.18 SEC							
LAT=39.13 N +/- 2.60 KM							
LONG=143.81 E +/- 3.24 KM							
DEPTH=36 KM +/- 3.26 KM							
STATIONS USED=17, STAND DEV=1.80 SEC							
MDJ	11.9	301	EP	20 51 48.5	- 0.7		
CN2	14.5	294	EP	20 52 25.5	1.8		
BJI	21.3	281	EP	20 53 40.0	- 4.4		
TIA	21.3	270	EP	20 53 40.9	- 3.6		
WHN	25.6	259	EP	20 54 26.5	0.4		
XAN	28.4	270	EP	20 54 52.0	0.2		
GYA	33.5	259	P	20 55 36.6	- 0.2		
CD2	33.6	268	EP	20 55 37.8	- 0.1		
GTA	33.8	284	P	20 55 40.4	0.5		
KMI	37.2	260	EP	20 56 09.0	0.5		
WMQ	41.6	295	EP	20 56 47.0	1.6		
1984 6 18							
O=23 33 00.9 +/- 0.12 SEC							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>LAT=28.30 N +/- 0.01 KM LONG=130.80 E +/- 0.01 KM DEPTH=0 KM +/- 0.02 KM Ms(CHINA)=3.7/5 STATIONS USED=25, STAND DEV=2.72 SEC</p>								<p>CN2 82.2 322 EP 08 22 19.7 - 1.7 WHN 82.2 306 E(P) 08 22 21.0 - 0.8 TIA 83.1 312 EP 08 22 26.0 0.0 BJI 85.7 315 P 08 22 38.5 - 0.3 GYA 86.4 299 P 08 22 42.6 0.3 XAN 87.9 307 EP 08 22 49.0 - 0.3 KMI 89.1 297 EP 08 22 55.0 0.0 CD2 90.6 302 EP 08 23 03.2 1.7</p>							
<p>1984 6 19 O=13 22 17.7 +/- 0.35 SEC LAT=56.35 N +/- 4.84 KM LONG=118.30 E +/- 4.27 KM DEPTH=26 KM +/- 0.97 KM Ms(CHINA)=4.4/4 STATIONS USED=18, STAND DEV=5.20 SEC</p>								<p>1984 6 19 O=04 50 49.4 +/- 0.10 SEC LAT=2.84 N +/- 1.87 KM LONG=96.15 E +/- 1.02 KM DEPTH=45 KM +/- 1.23 KM mb(NEIS)=4.4 STATIONS USED=19, STAND DEV=1.22 SEC</p>							
<p>NJ2 11.0 292 EP 23 35 40.5 - 2.2 LE Ms=3.7 12.0 0.3 DL2 13.0 326 EP 23 36 13.0 2.6 LN Ms=3.8 11.0 0.4 TIA 14.0 307 EP 23 36 18.7 - 4.3 CN2 16.1 345 PD 23 36 50.0 0.1 ES 23 39 40.0 - 9.2 LN Ms=4.0 12.0 0.6 TIY 18.0 306 EP 23 37 15.0 0.3 XAN 19.6 292 EP 23 37 30.6 - 2.7 HHC 20.1 313 E(P) 23 37 39.2 - 0.6 CD2 23.6 282 EP 23 38 16.2 1.2</p>								<p>CN2 13.4 157 EP 13 25 27.4 - 1.1 LE Ms=4.6 8.0 1.8 HHC 16.1 198 EP 13 26 09.0 4.3 TIA 20.2 182 EP 13 26 52.2 - 1.0 LE Ms=4.4 10.0 0.9 WMQ 23.1 250 EP 13 27 24.0 1.3</p>							
<p>1984 6 19 O=08 11 03.0 +/- 6.30 SEC LAT=20.54 S +/- 27.33 KM LONG=178.30 W +/- 25.67 KM DEPTH=632 KM +/- 58.47 KM mb(NEIS)=4.8 STATIONS USED=22, STAND DEV=0.83 SEC</p>								<p>1984 6 19 O=13 50 41.4 +/- 0.47 SEC LAT=2.69 N +/- 5.60 KM LONG=97.09 E +/- 3.42 KM DEPTH=87 KM +/- 3.00 KM mb(NEIS)=4.6 STATIONS USED=30, STAND DEV=1.85 SEC</p>							
<p>QZN 20.9 38 EP 04 55 34.7 3.7 KMI 23.0 15 EP 04 55 53.5 1.3 GYA 25.6 22 P 04 56 16.4 0.1 LSA 27.1 350 EP 04 56 31.7 0.5 XAN 33.2 19 PC 04 57 23.2 - 1.8 GTA 36.6 4 P 04 57 53.2 - 0.1 BJI 41.2 23 EP 04 58 33.0 0.9 WMQ 41.5 350 EP 04 58 34.0 - 0.3 CN2 48.3 28 EP 04 59 28.4 - 0.7</p>								<p>KMI 23.0 13 PC 13 55 40.5 1.1 GYA 25.4 20 P 13 56 04.2 1.9 LSA 27.4 348 EP 13 56 20.8 - 1.2 CD2 28.8 11 EP 13 56 31.8 - 1.6 XAN 33.1 18 PD 13 57 10.0 - 1.4 LZH 33.8 9 PC 13 57 16.5 - 1.3 P_mZ 1.5 0.7 NJ2 35.7 32 EP 13 57 33.6 0.2 GTA 36.6 3 IPC 13 57 40.8 - 0.9 LN 14.0 0.9 BTO 39.5 15 EP 13 58 06.0 0.4 HHC 40.2 17 E(P) 13 58 12.2 1.1 BJI 41.0 22 EP 13 58 18.5 0.7 WMQ 41.8 349 EP 13 58 23.0 - 1.4 DL2 42.4 28 EP 13 58 29.0 - 0.4 SNY 45.6 27 EP 13 58 54.3 - 1.0 CN2 48.0 27 P 13 59 13.0 - 1.2</p>							
<p>QZH 76.2 303 EP 08 21 49.7 - 0.5 GZH 79.5 299 EP 08 22 06.0 - 1.7 NJ2 79.7 309 PD 08 22 09.4 0.7 MDJ 80.4 325 EP 08 22 13.0 0.6</p>															

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			ES	14 06 10.0	5.0		
			LE			17.0	0.6
MDJ	50.6	29	EP	13 59 33.5	- 0.7		

1984 6 19

O=14 11 41.5 +/- 0.58 SEC
 LAT=1.43 S +/- 4.05 KM
 LONG=133.96 E +/- 3.35 KM
 DEPTH=65 KM +/- 6.19 KM
 Ms(CHINA)=4.5/4, mb(NEIS)=5.0

STATIONS USED=51, STAND DEV=2.46 SEC

QZN	31.2	311	EP	14 17 56.1	- 1.3		
SSE	34.6	340	EP	14 18 26.5	0.3		
			LE			Ms=4.4	12.0 0.4
NJ2	36.2	338	EP	14 18 41.4	0.8		
			S	14 24 18.0	2.0		
			LE			Ms=4.6	17.0 0.8
WHN	36.9	331	E(P)	14 18 47.0	1.0		
KMI	40.1	313	PC	14 19 14.0	0.6		
TIA	40.6	338	EP	14 19 16.8	- 0.2		
XAN	42.4	328	EP	14 19 31.2	- 0.7		
CD2	43.1	320	EP	14 19 36.8	- 0.9		
TIY	43.7	335	EP	14 19 42.2	- 0.6		
			(S)	14 26 14.0	5.7		
			LN			Ms=4.6	15.0 0.3
BJI	44.4	340	EP	14 19 46.5	- 1.1		
CN2	45.7	351	EP	14 20 01.0	2.9		
MDJ	46.0	355	EP	14 20 00.8	0.0		
LZH	46.7	326	EP	14 20 07.5	1.2		
			P _m Z				2.0 0.08
HHC	46.8	336	EP	14 20 07.0	0.2		
BTO	47.2	335	EP	14 20 10.0	- 0.1		
LSA	51.3	310	EP	14 20 40.4	- 1.4		
GTA	51.3	326	P	14 20 41.9	0.1		
WMQ	61.1	323	IPC	14 21 52.5	0.5		

1984 6 19

O=16 17 35.9 +/- 0.45 SEC
 LAT=12.97 N +/- 2.76 KM
 LONG=87.51 W +/- 2.88 KM
 DEPTH=82 KM +/- 3.75 KM
 mb(NEIS)=5.4

STATIONS USED=30, STAND DEV=1.15 SEC

BJI	122.9	338	EPKP	16 36 23.5	- 0.1		
HHC	123.6	342	EPKP	16 36 26.0	0.7		
TIA	125.8	335	EPKP	16 36 29.5	0.1		
XAN	130.7	341	EPKP	16 36 39.3	0.5		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
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WHN	131.9	334	EPKP	16 36 41.5	0.5		
CD2	135.0	346	EPKP	16 36 48.2	1.2		
GYA	138.5	340	EPKP	16 36 54.4	1.0		
KMI	140.8	345	EPKP	16 36 54.5	- 3.3		

1984 6 19

O=18 06 22.0 +/- 0.12 SEC
 LAT=49.86 N +/- 1.19 KM
 LONG=155.74 E +/- 2.09 KM
 DEPTH=71 KM
 Msz(NEIS)=4.3, mb(NEIS)=5.0

STATIONS USED=32, STAND DEV=1.28 SEC

MDJ	18.5	263	EP	18 10 34.2	- 0.5		
CN2	21.5	265	PC	18 11 04.8	- 2.1		
GZH	42.5	246	EP	18 14 13.4	1.1		
GYA	44.1	256	P	18 14 27.0	1.3		
WMQ	45.5	289	EP	18 14 37.4	0.8		
KMI	47.6	258	EP	18 14 55.6	2.6		

1984 6 19

O=18 11 59.2 +/- 0.22 SEC
 LAT=0.58 N +/- 1.95 KM
 LONG=126.21 E +/- 2.75 KM
 DEPTH=41 KM +/- 2.41 KM
 mb(NEIS)=4.7

STATIONS USED=19, STAND DEV=1.29 SEC

GZH	25.6	331	EP	18 17 29.0	2.1		
CD2	36.9	326	EP	18 19 05.8	- 0.7		
XAN	37.0	335	EP	18 19 05.8	- 1.5		
BJI	40.3	348	EP	18 19 35.0	0.2		
SNY	41.1	357	EP	18 19 42.4	1.0		
CN2	43.0	359	EP	18 19 55.3	- 1.8		
MDJ	43.9	3	EP	18 20 05.1	0.6		
LSA	44.2	314	EP	18 20 07.6	0.7		
WMQ	55.0	326	EP	18 21 29.0	- 0.6		

1984 6 19

O=18 55 55.6 +/- 0.22 SEC
 LAT=11.84 N +/- 0.99 KM
 LONG=125.71 E +/- 1.49 KM
 DEPTH=52 KM +/- 2.24 KM
 Ms(CHINA)=4.8/29, Msz(NEIS)=4.8, mb(NEIS)=5.4

STATIONS USED=93, STAND DEV=1.05 SEC

QZH	14.7	333	EP	18 59 22.0	0.1		
			AP	18 59 30.0	- 0.9		
			S	19 02 07.0	3.2		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			S _m E			7.0	0.7				S _m N			14.0	2.4
			LN		Ms=4.7	16.0	2.2				S _m E			12.0	1.5
			LE			16.0	3.3				LN		Ms=5.0	15.0	2.0
GZH	16.2	315	PC	18 59 45.2	3.2						LE			14.0	2.0
			LN		Ms=5.1	16.0	7.7	DL2	27.2	353	EP	19 01 37.2	0.4		
			LE			16.0	3.6				XP	19 01 52.0	- 3.8		
QZN	16.9	296	P	18 59 52.0	2.0						S	19 06 10.0	- 0.5		
			ES	19 02 58.0	3.1						LN		Ms=4.8	13.0	1.5
			LN		Ms=4.7	14.0	2.1				LE			13.0	0.8
			LE			15.0	2.1	CD2	27.8	316	EP	19 01 41.8	- 0.6		
SSE	19.6	348	PU	19 00 22.0	- 0.7						S	19 06 17.0	- 3.2		
			P _m Z			4.0	1.0				LN		Ms=5.3	16.0	6.2
			AP	19 00 31.0	- 2.6			TIY	28.4	337	EP	19 01 47.3	- 0.3		
			S	19 03 58.0	2.2						S	19 06 27.5	- 2.1		
			S _m E			10.0	1.9				LE		Ms=4.9	20.0	3.4
			LE		Ms=4.8	14.0	3.3	BJI	29.3	344	EP	19 01 55.0	- 1.0		
NJ2	21.1	343	PU	19 00 38.0	- 0.1						ES	19 06 45.0	0.4		
			P _m Z			4.0	0.8				LN		Ms=4.5	12.0	0.7
			AP	19 00 48.5	- 1.6			SNY	29.9	356	IPD	19 02 01.6	0.3		
			S	19 04 29.0	4.0						AP	19 02 12.0	- 2.2		
			LE		Ms=4.6	18.0	2.3				IS	19 06 57.5	3.3		
WHN	21.4	332	IPC	19 00 42.0	0.9						S _m E			6.0	0.7
			S	19 04 39.0	8.4						LN		Ms=4.8	13.0	0.6
GYA	23.1	311	P	19 00 58.0	- 0.1						LE			14.0	1.5
			XP	19 01 12.0	- 4.8					LZH	31.2	324	IPC	19 02 12.5	- 0.2
			PP	19 01 38.0	9.6						P _m Z			2.0	0.2
			S	19 05 06.0	4.2						ES	19 07 08.0	- 6.3		
			S _m N			11.0	2.2				LN		Ms=5.2	14.0	3.1
			S _m E			11.0	1.4				LE			15.0	2.2
			LN		Ms=5.2	17.0	4.2	HHC	31.5	339	P	19 02 15.0	- 0.1		
			LE			17.0	5.4				AP	19 02 25.0	- 2.7		
KMI	25.4	304	IPC	19 01 20.5	- 0.2						ES	19 07 17.0	- 1.5		
			AP	19 01 32.0	- 0.9					BTO	31.8	336	IPD	19 02 17.6	- 0.5
			PCP	19 04 53.0	1.5						S	19 07 21.0	- 3.0		
			ES	19 05 34.0	- 7.9						LN		Ms=4.8	15.0	1.3
			LE		Ms=4.9	16.0	3.3				LE			15.0	1.1
TIA	25.5	343	EP	19 01 20.3	- 0.6					CN2	31.8	359	PC	19 02 17.0	- 1.3
			EPCP	19 04 52.0	0.4						P _m Z			3.0	0.3
			ES	19 05 45.5	3.3						AP	19 02 27.0	- 4.1		
			S _m N			7.0	1.6				EPP	19 03 22.0	- 2.0		
			ESS	19 06 50.5	4.6						ES	19 07 21.0	- 3.3		
			SCP	19 08 28.4	3.5						SCS	19 12 48.0	6.2		
			LN		Ms=4.7	20.0	2.6				LN		Ms=4.8	14.0	1.3
XAN	26.9	327	PC	19 01 32.8	- 1.3					MDJ	32.8	5	EP	19 02 26.5	- 0.4
			AP	19 01 43.0	- 3.6						S	19 07 41.5	1.8		
			S	19 06 11.0	5.4						LE		Ms=4.6	14.0	0.9

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
GTA	35.8	324	IPC	19 02 52.8	0.4						AP	23 07 08.0	1.5		
LSA	36.7	304	P	19 03 01.2	0.9						S	23 11 10.0	6.8		
WMQ	45.7	321	IPC	19 04 14.0	0.4						LN	Ms=4.9	17.0	1.8	
			P _m Z			1.7	0.2				LE		17.0	2.8	
			AP	19 04 23.5	- 3.3			TIA	25.5	343	EP	23 07 18.6	- 1.0		
			PCP	19 05 51.0	0.6						ES	23 11 45.8	3.6		
			ES	19 10 54.0	1.6						LN	Ms=4.6	17.0	1.5	
			LN	Ms=5.3		16.0	3.0	KMI	25.5	304	PD	23 07 20.0	- 0.4		
KSH	51.8	311	PC	19 05 01.0	0.2						AP	23 07 29.5	0.3		
			LN	Ms=6.5		16.0	33.8				ES	23 11 39.0	- 4.6		
											XS	23 11 54.0	- 4.4		
											LE	Ms=4.7	16.0	1.7	
1984 6 19								XAN	26.9	327	PC	23 07 31.6	- 1.6		
O=23 01 52.7			+/- 0.12 SEC								AP	23 07 42.0	- 0.3		
LAT=11.90 N			+/- 2.00 KM								ES	23 12 09.0	2.7		
LONG=125.87 E			+/- 3.15 KM								S _m N		14.0	0.7	
DEPTH=34 KM			+/- 0.28 KM								S _m E		13.0	0.9	
Ms(CHINA)=4.6/24, Msz(NEIS)=4.0, mb(NEIS)=5.2											LN	Ms=4.5	14.0	0.7	
STATIONS USED=66, STAND DEV=1.99 SEC											LE		15.0	0.8	
QZH	14.7	333	PR	23 05 22.0	1.9			DL2	27.2	352	EP	23 07 30.0	- 5.3		
			XP	23 05 32.0	- 0.3						AP	23 07 40.0	- 4.5		
			S	23 08 04.0	1.3						LE	Ms=4.5	13.0	0.8	
			LE	Ms=4.3		16.0	1.8	CD2	27.9	316	EP	23 07 41.4	- 0.4		
GZH	16.3	314	P	23 05 44.0	3.0						ES	23 12 19.0	- 2.5		
			S	23 08 45.5	4.9						LN	Ms=5.1	16.0	2.7	
			LN	Ms=4.8		18.0	4.3				LE		17.0	3.1	
			LE			18.0	3.6	TIY	28.4	337	EP	23 07 47.0	0.5		
QZN	17.0	296	P	23 05 51.5	1.9						(S)	23 12 29.5	- 0.4		
			S	23 08 58.0	1.7						LE	Ms=4.3	15.0	0.6	
			LN	Ms=4.5		15.0	1.2	BJ1	29.3	344	EP	23 07 54.0	- 0.6		
			LE			17.0	1.7				SNY	23 08 00.4	0.7		
SSE	19.6	347	EP	23 06 22.0	1.0						IS	23 12 56.0	2.4		
			P _m Z			0.7	0.03				LE	Ms=4.7	17.0	1.4	
			AP	23 06 33.7	4.5			LZH	31.2	324	PC	23 08 10.5	- 1.4		
			XP	23 06 36.5	2.7						P _m Z		2.0	0.08	
			S	23 09 58.0	3.3						LN	Ms=4.9	13.0	1.3	
			XS	23 10 10.0	3.4						LE		15.0	1.3	
			LE	Ms=4.5		15.0	1.8	HHC	31.5	338	E(P)	23 08 14.2	0.3		
NJ2	21.1	343	EP	23 06 37.0	0.4						CN2	23 08 16.2	- 0.4		
			P _m Z			2.0	0.3				AP	23 08 27.0	1.1		
			XP	23 06 49.0	- 0.8						ES	23 13 19.0	- 4.7		
			S	23 10 26.0	1.4						LN	Ms=4.7	17.0	1.3	
			LN	Ms=4.5		14.0	1.3	BTO	31.8	336	EP	23 08 15.4	- 1.6		
WHN	21.4	331	EP	23 06 41.5	1.5						(S)	23 13 27.0	2.7		
			XP	23 06 58.0	4.8						LN	Ms=4.6	15.0	0.7	
			ES	23 10 38.0	7.2						LE		15.0	0.7	
GYA	23.2	311	P	23 07 01.3	3.7										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
MDJ	32.8	4	EP	23 08 24.0	- 1.1		
GTA	35.8	324	P	23 08 52.0	0.3		
			ES	23 14 27.0	0.3		
			LN	Ms=4.4		13.0	0.4
LSA	36.8	304	EP	23 09 00.1	0.1		
WMQ	45.7	321	EP	23 10 12.6	- 0.4		
			PCP	23 11 49.5	- 0.7		
			ES	23 16 51.0	- 2.6		
			SCS	23 20 04.0	1.1		
			SS	23 20 08.5	- 0.5		
			LN	Ms=5.1		16.0	1.8

1984 6 20

O=01 12 37.9 +/- 0.27 SEC
 LAT=31.94 N +/- 2.18 KM
 LONG=104.50 E +/- 3.12 KM
 DEPTH=2 KM +/- 0.19 KM

ML(CHINA)=3.5/5

STATIONS USED=10, STAND DEV=4.37 SEC

CD2	1.2	211	PN	01 12 58.8	- 2.9		
			SN	01 13 17.2	- 1.7		
			S _m N	ML=3.3		0.6	0.5
			S _m E			0.6	0.7
XAN	4.3	59	PND	01 13 45.2	- 0.3		
			PG	01 13 56.2	0.6		
			SN	01 14 29.6	- 7.1		
			SG	01 14 51.0	- 0.5		
			S _m N	ML=3.6		0.8	0.1
			S _m E			0.8	0.1
GYA	5.8	160	EPN	01 14 10.0	3.1		
			SG	01 15 31.6	- 7.1		
			S _m N	ML=3.6		1.2	0.04
			S _m E			1.2	0.05

1984 6 20

O=02 20 19.6 +/- 0.12 SEC
 LAT=11.57 N +/- 0.83 KM
 LONG=125.73 E +/- 1.66 KM
 DEPTH=69 KM +/- 1.17 KM
 mb(NEIS)=4.6

STATIONS USED=10, STAND DEV=0.59 SEC

NJ2	21.3	345	EP	02 25 03.0	- 0.1		
TIA	25.7	343	EP	02 25 44.6	- 1.1		
XAN	27.1	328	PD	02 25 58.0	- 0.5		
CD2	28.0	316	EP	02 26 06.5	0.0		

1984 6 20

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
				O=07 18 00.2	+/- 0.77 SEC		
				LAT=2.53 S	+/- 1.17 KM		
				LONG=138.74 E	+/- 1.49 KM		
				DEPTH=6 KM	+/- 5.55 KM		
				Ms(CHINA)=4.4/2, mb(NEIS)=4.8			
				STATIONS USED=35, STAND DEV=1.30 SEC			
NJ2	39.2	332	EP	07 25 33.0	1.6		
			S	07 31 34.0	1.6		
TIA	43.5	334	EP	07 26 06.8	0.2		
			LN	Ms=4.1		42.0	0.5
XAN	45.9	324	P	07 26 27.0	0.7		
SNY	46.2	344	EP	07 26 29.2	0.6		
CD2	47.1	317	EP	07 26 37.2	2.1		
CN2	47.6	346	EP	07 26 39.3	- 0.3		
			ES	07 33 28.0	- 7.1		
			LN	Ms=4.8		20.0	1.0
MDJ	47.6	351	EP	07 26 39.8	0.2		
BTO	50.3	331	EP	07 27 01.3	1.0		
GTA	54.9	323	IPD	07 27 35.8	0.8		
WMQ	64.9	321	P	07 28 42.0	- 1.3		

1984 6 20

O=07 33 27.4 +/- 0.30 SEC
 LAT=11.82 N +/- 1.47 KM
 LONG=125.80 E +/- 1.79 KM
 DEPTH=40 KM +/- 2.29 KM

Ms z(NEIS)=4.7, mb(NEIS)=5.1

STATIONS USED=32, STAND DEV=1.01 SEC

NJ2	21.1	343	PC	07 38 12.0	0.8		
WHN	21.4	332	PD	07 38 15.2	0.8		
GYA	23.2	311	P	07 38 33.4	1.8		
KMI	25.5	304	EP	07 38 54.5	0.2		
TIA	25.5	343	EP	07 38 53.5	- 0.6		
DL2	27.2	352	EP	07 39 10.0	0.1		
CD2	27.9	316	EP	07 39 15.6	- 0.3		
SNY	30.0	356	EP	07 39 33.8	- 0.6		
CN2	31.9	359	P	07 39 54.0	2.7		
MDJ	32.8	4	EP	07 39 57.5	- 2.3		
GTA	35.9	324	P	07 40 26.2	0.4		
LSA	36.8	304	EP	07 40 34.3	0.4		
WMQ	45.7	321	EP	07 41 47.2	0.1		
			PCP	07 43 28.5	4.5		

1984 6 20

O=10 24 03.7 +/- 0.20 SEC
 LAT=6.51 S +/- 0.86 KM

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<p>LONG=129.91 E +/- 1.16 KM DEPTH=155 KM +/- 2.25 KM mb(NEIS)=5.1 STATIONS USED=42, STAND DEV=1.00 SEC</p>															
NJ2	39.8	345	EP	10 31 24.6	1.3						PKP ₂	20 16 51.0			
GYA	39.8	326	P	10 31 23.8	0.3						EPP	20 20 31.0	- 6.1		
KMI	41.1	320	EP	10 31 35.0	0.7			LSA	159.7	69	EPKP	20 16 25.3	1.9		
CD2	44.8	327	EP	10 32 04.2	- 0.3			SNY	160.3	336	EPKP	20 16 26.2	2.7		
XAN	45.0	335	PC	10 32 04.3	- 1.2			GTA	161.1	33	PKP ₁	20 16 25.9	1.4		
BJI	48.0	345	EP	10 32 29.5	0.1						PKP ₂	20 17 09.8			
LZH	48.9	331	EP	10 32 36.7	0.1			HHC	163.3	3	EPKP	20 16 28.0	1.4		
CN2	50.2	355	P	10 32 46.3	- 0.1			BTO	163.4	8	EPKP	20 16 28.0	1.3		
MDJ	50.9	359	EP	10 32 50.0	- 1.3			LZH	165.7	31	EPKP ₁	20 16 30.7	1.7		
LSA	51.8	316	EP	10 32 58.9	0.3						PKP ₂	20 17 30.0			
GTA	53.5	331	P	10 33 10.8	- 0.1			TIA	167.4	344	EPKP ₁	20 16 30.2	0.2		
WMQ	62.9	326	PC	10 34 16.0	- 0.6						PKP ₂	20 17 35.6			
<p>1984 6 20 O=18 19 55.4 +/- 0.03 SEC LAT=43.99 N +/- 0.47 KM LONG=88.30 E +/- 0.31 KM DEPTH=1 KM +/- 0.01 KM ML(CHINA)=3.8/4 STATIONS USED=6, STAND DEV=0.66 SEC</p>															
WMQ	0.5	248	PG	18 20 07.1	3.2						PP ₁	20 21 18.0	- 9.1		
			SG	18 20 11.8	1.7			CD2	169.3	48	EPKP	20 16 33.6	2.3		
GTA	9.7	114	P	18 22 19.2	- 0.9			XAN	169.5	18	EPKP ₁	20 16 32.6	1.2		
			ES	18 24 04.2	- 7.5						PKP ₂	20 17 46.0			
			LN			1.0	0.02	NJ2	170.6	328	PKP	20 15 44.0	12.0		
<p>1984 6 20 O=19 56 46.8 +/- 0.12 SEC LAT=24.10 S +/- 0.01 KM LONG=66.97 W +/- 0.03 KM DEPTH=195 KM +/- 0.02 KM mb(NEIS)=5.5 STATIONS USED=63, STAND DEV=2.71 SEC</p>															
KSH	145.3	54	PKP	20 16 04.0	1.7			KMI	170.6	81	EPKP ₁	20 16 35.5	3.3		
			EPP	20 19 23.0	- 2.7						PKP ₂	20 17 52.5			
WMQ	151.4	40	EPKP ₁	20 16 12.6	0.5						PP	20 21 44.5	1.7		
			PKP _{mZ}			1.4	0.2				PP _{mZ}			6.0	0.3
			PKP ₂	20 16 29.8							SKKS	20 28 13.0			
			PP	20 20 01.0	0.1			WHN	173.5	349	EPKP	20 16 36.5	3.1		
			ESKKS	20 26 33.0				GYA	173.8	66	PKP ₁	20 16 35.0	1.3		
MDJ	155.5	330	EPKP	20 16 18.0	- 4.1						PKP ₂	20 18 05.0			
CN2	157.9	335	PKP ₁	20 16 20.0	- 0.8						PP	20 22 02.0	3.4		
<p>1984 6 20 O=21 28 50.9 +/- 1.06 SEC LAT=39.47 N +/- 2.27 KM LONG=72.81 E +/- 1.69 KM DEPTH=12 KM +/- 7.32 KM Ms(CHINA)=4.4/9, Msz(NEIS)=4.4 mb(NEIS)=4.9 STATIONS USED=55, STAND DEV=1.97 SEC</p>															
											SKKS	20 28 26.0			
KSH	2.5	89	PN	21 29 36.0	4.3						SS	20 42 27.0	2.5		
			ISG	21 30 10.5	2.7						WHN	20 16 36.5	3.1		
			LE								GYA	20 16 35.0	1.3		
WMQ	11.9	63	PC	21 31 43.2	- 1.3						PKP ₂	20 18 05.0			
LSA	17.9	117	P	21 33 01.3	- 1.4						PP	20 22 02.0	3.4		
			LE								Ms=3.9			10.0	0.3
GTA	20.8	81	IPD	21 33 35.3	- 0.1						GTA	21 33 35.3	- 0.1		
			ES	21 37 16.5	- 6.7						ES	21 37 16.5	- 6.7		
			LE								Ms=4.3			9.0	0.6

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
LZH	24.7	88	EP	21 34 14.0	0.3			CN2	54.2	335	PC	22 48 53.3	- 0.8		
			ES	21 38 25.0	- 7.9			GYA	54.5	307	EP	22 48 58.2	1.8		
			LN	Ms=4.4		11.5	0.7	BJI	55.8	326	(P)	22 49 05.5	- 0.7		
CD2	26.6	99	EP	21 34 31.6	0.2			TIY	56.5	321	EP	22 49 11.3	0.3		
			LE	Ms=4.6		20.0	1.9	XAN	56.6	316	PC	22 49 11.6	- 0.4		
BTO	28.4	75	EP	21 34 47.2	- 0.5			KMI	57.1	303	PD	22 49 16.5	1.1		
KMI	28.9	110	EP	21 34 55.0	2.5						ES	22 57 07.5	4.2		
XAN	29.3	89	EP	21 34 55.0	- 0.9			CD2	58.8	310	EP	22 49 27.8	0.7		
			LN	Ms=4.5		12.0	0.5	HHC	59.0	324	EP	22 49 29.0	0.4		
HHC	29.5	74	EP	21 35 00.0	2.3			LZH	61.3	315	EP	22 49 44.2	0.2		
TIY	30.9	80	EP	21 35 10.0	0.3						P _m Z			1.5	0.07
GYA	31.0	104	EP	21 35 13.6	2.2			GTA	65.7	317	P	22 50 13.8	0.8		
WHN	34.9	91	E(P)	21 35 45.0	0.0			LSA	68.3	304	EP	22 50 31.1	1.0		
NJ2	37.8	86	EP	21 36 09.0	0.0			WMQ	75.8	317	P	22 51 14.4	0.6		
			LE	Ms=4.4		13.0	0.4	1984 6 21							
GZH	37.9	103	EP	21 36 10.5	- 0.1			O=07 25 35.9	+/-	0.13	SEC				
SNY	38.1	69	EP	21 36 11.3	- 0.9			LAT=40.60 N	+/-	0.01	KM				
CN2	39.0	66	EP	21 36 17.0	- 2.7			LONG=106.00 E	+/-	0.02	KM				
			ES	21 42 09.0	- 9.7			DEPTH=0 KM	+/-	0.01	KM				
			LE	Ms=4.6		12.0	0.6	ML(CHINA)=4.3/12							
SSE	40.0	86	E(P)	21 36 31.5	4.1			STATIONS USED=15, STAND DEV=2.83 SEC							
MDJ	41.8	63	EP	21 36 44.5	2.3			BTO	3.1	88	PN	07 26 28.7	2.0		
1984 6 20											SN	07 27 05.5	0.8		
O=22 15 22.6	+/-	0.10	SEC												
LAT=42.09 N	+/-	1.14	KM												
LONG=143.21 E	+/-	0.54	KM												
DEPTH=69 KM															
mb(NEIS)=4.6															
STATIONS USED=11, STAND DEV=1.22 SEC															
CN2	13.1	283	EP	22 19 28.2	0.3						S _m N	ML=3.9	0.6	0.6	
BJI	20.5	273	(P)	22 20 55.0	- 2.1						S _m E		0.6	0.4	
TIA	21.0	262	PD	22 21 02.6	- 0.3			HHC	4.2	84	EPN	07 26 39.6	- 3.8		
1984 6 20											PG	07 26 51.6	- 1.5		
O=22 39 33.7	+/-	0.20	SEC												
LAT=4.53 S	+/-	1.51	KM												
LONG=153.11 E	+/-	1.88	KM												
DEPTH=76 KM	+/-	2.04	KM												
mb(NEIS)=5.2															
STATIONS USED=53, STAND DEV=1.35 SEC															
											SN	07 27 40.8	6.3		
											S _m N	ML=4.7	0.6	1.5	
											S _m E		0.6	1.6	
								LZH	4.8	201	EPN	07 26 48.5	- 3.2		
											PG	07 27 03.5	- 0.2		
											SG	07 28 04.8	- 1.9		
											S _m N	ML=3.9	1.0	0.2	
											S _m E		1.0	0.2	
								GTA	4.9	257	PN	07 26 53.5	0.7		
											PG	07 27 09.8	4.6		
											SN	07 27 51.4	0.2		
											SG	07 28 15.5	6.2		
											S _m N	ML=4.3	0.7	0.4	
											S _m E		1.0	0.4	
								TIY	5.8	117	PN	07 27 08.6	3.5		
											PG	07 27 16.6	- 4.5		
											SN	07 28 22.2	9.1		
								XAN	6.9	159	EPN	07 27 18.8	- 2.9		

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
			PG	07 27 38.0	- 4.6						SG	09 38 32.4	- 0.1		
			SN	07 28 55.8	13.3						S _m N	ML=3.9		1.0	0.06
			S _m N	ML=4.3		1.0	0.2				S _m E			1.0	0.08
			S _m E			0.8	0.1	CN2	19.8	50	EP	09 39 40.5	1.1		
1984 6 21								1984 6 21							
O=07 38 19.8 +/- 0.04 SEC								O=10 12 06.8 +/- 0.15 SEC							
LAT=39.90 N +/- 0.47 KM								LAT=5.04 S +/- 1.10 KM							
LONG=106.44 E +/- 0.33 KM								LONG=151.81 E +/- 1.50 KM							
DEPTH=0 KM +/- 0.01 KM								DEPTH=94 KM +/- 1.66 KM							
ML(CHINA)=3.5/5								mb(NEIS)=5.4							
STATIONS USED=9, STAND DEV=2.98 SEC								STATIONS USED=39, STAND DEV=1.36 SEC							
BTO	2.8	74	PN	07 39 07.3	0.1			MDJ	53.3	340	EP	10 21 17.0	- 1.9		
			PG	07 39 12.4	1.1			GYA	53.8	308	P	10 21 23.0	0.7		
			SG	07 39 49.4	1.1			CN2	54.1	336	EP	10 21 21.2	- 3.6		
			S _m N	ML=3.2		0.5	0.1	XAN	56.1	317	EP	10 21 38.7	- 0.7		
			S _m E			0.5	0.09	KMI	56.3	304	PD	10 21 41.8	0.9		
HHC	4.0	74	PN	07 39 23.4	- 0.9						ES	10 29 25.0	2.7		
			PG	07 39 36.0	2.8			CD2	58.1	311	P	10 21 53.8	0.2		
			SG	07 40 26.5	0.6			GTA	65.2	317	EP	10 22 41.3	0.5		
TIY	5.2	113	PG	07 39 52.6	- 1.4			LSA	67.6	304	EP	10 22 56.2	- 0.1		
			SG	07 41 06.2	4.6			1984 6 21							
XAN	6.2	160	PB	07 40 06.4	- 1.6			O=10 43 44.6 +/- 0.54 SEC							
			SN	07 41 14.4	7.3			LAT=35.56 N +/- 2.98 KM							
			SG	07 41 42.0	8.7			LONG=23.30 E +/- 2.10 KM							
			S _m E	ML=3.5		1.0	0.03	DEPTH=67 KM +/- 4.45 KM							
1984 6 21								M(CHIA)=5.7/31, M _{SZ} (NEIS)=5.9, mb(NEIS)=5.8							
O=09 35 07.5 +/- 2.40 SEC								STATIONS USED=105, STAND DEV=1.43 SEC							
LAT=32.72 N +/- 1.91 KM								KSH							
LONG=104.40 E +/- 2.06 KM								41.5 68 PU 10 51 30.0 2.8							
DEPTH=27 KM +/- 22.52 KM								AP 10 51 48.0 4.7							
ML(CHINA)=3.9/7								XP 10 51 56.0 4.6							
STATIONS USED=14, STAND DEV=3.23 SEC								PCS 10 57 21.0 7.4							
CD2	1.9	197	EPN	09 35 37.0	- 1.8			IS 10 57 45.0 7.1							
			SN	09 36 00.8	- 1.6			S _m E 6.0 5.8							
			S _m N	ML=3.6		0.8	0.4	LN Ms=5.7 10.0 5.8							
			S _m E			0.6	0.6	WMQ	49.1	59	iPC	10 52 28.5	0.5		
LZH	3.4	352	EPN	09 36 03.0	2.7			P _m Z 2.2 1.3							
			ESG	09 36 55.5	1.4			AP 10 52 48.5 4.1							
XAN	4.0	69	EPN	09 36 10.4	1.5			PP 10 54 26.0 3.8							
			PG	09 36 21.3	0.6			PP _m Z 2.5 1.4							
			SG	09 37 16.6	3.3			IS 10 59 32.0 4.7							
GYA	6.5	161	EPN	09 36 44.0	- 0.8			S _m E 2.0 0.6							
			PG	09 37 02.4	- 4.4			LSA	56.4	75	PU	10 53 23.2	0.4		
			SN	09 37 56.0	- 3.6			XP 10 53 51.2 4.1							
								PCS 10 58 18.2 - 1.5							

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			S	11 01 04.2	- 3.4						S	11 03 36.0	3.2			
			SCS	11 03 00.2	- 0.5						S _m N			6.0	2.3	
			LE		Ms=5.6	26.0	7.0				S _m E			8.0	1.0	
GTA	59.1	61	P	10 53 40.2	- 1.0						SCS	11 04 32.0	4.1			
			P _m Z			5.0	1.3				LN		Ms=5.5	16.0	2.4	
			AP	10 53 55.5	- 2.5					TIY	68.7	58	P	10 54 44.0	- 0.2	
			IS	11 01 47.0	5.0							AP	10 54 57.0	- 4.4		
			S _m N			6.0	1.3					PP	10 57 29.0	1.8		
			LN		Ms=5.4	18.0	2.8					PCS	10 59 15.0	3.8		
LZH	63.4	83	P	10 54 09.0	- 1.1							S	11 03 45.5	4.0		
			P _m Z			6.0	2.0					XS	11 04 06.5	- 4.6		
			AP	10 54 25.0	- 2.1							SCS	11 04 35.0	1.4		
			PP	10 56 30.0	- 0.6							LE		Ms=5.5	20.0	2.9
			ES	11 02 41.0	4.6					GYA	70.1	71	PC	10 54 51.6	- 0.7	
			LE		Ms=5.7	18.5	5.0					AP	10 55 12.0	2.5		
CD2	65.7	68	P	10 54 23.8	- 0.9							S	11 03 57.0	- 0.1		
			PP	10 56 45.0	- 6.4							SCS	11 04 42.0	- 1.9		
			S	11 03 07.0	2.7					BJI	70.1	54	EP	10 54 52.0	- 0.6	
			LE		Ms=5.1	36.0	2.2					EAP	10 55 06.0	- 4.1		
BTO	65.7	56	P	10 54 26.0	0.7							PP	10 57 28.0	- 1.6		
			P _m N			5.0	0.4					PCP	10 55 11.0	- 2.5		
			P _m E			5.0	0.9					S	11 04 00.0	2.2		
			P _m Z			5.0	2.0					S _m N			7.0	1.5
			AP	10 54 45.5	3.0							S _m E			7.0	1.2
			S	11 03 12.0	6.6							LN		Ms=5.8	17.0	4.2
			S _m N			10.0	1.6			TIA	72.7	57	EP	10 55 07.4	- 0.8	
			S _m E			10.0	2.2					P _m N			8.0	0.4
HHC	66.7	55	PR	10 54 30.4	- 0.8							P _m E			8.0	0.4
			EPP	10 57 04.0	4.4							P _m Z			8.0	0.4
			S	11 03 23.0	6.3							XP	10 55 39.0	5.6		
			S _m N			10.0	1.6					PP	10 57 54.0	1.8		
			S _m E			10.0	2.1					S	11 04 27.0	- 0.8		
			LN		Ms=5.5	12.0	1.3					S _m N			12.5	1.3
			LE			10.0	1.2					S _m E			9.0	1.4
KMI	67.7	74	PU	10 54 37.0	- 0.6							SS	11 09 18.0	8.4		
			P _m Z			4.0	1.6					LN		Ms=5.8	28.0	7.7
			AP	10 54 57.0	2.3					WHN	73.7	63	P	10 55 14.5	0.4	
			SCP	10 59 04.0	4.9							AP	10 55 32.0	0.5		
			IS	11 03 28.0	- 0.9							IS	11 04 41.0	2.0		
			S _m N			10.0	2.0					PD	10 55 14.4	- 1.0		
			S _m E			10.0	1.5					P _m Z			5.0	1.7
			SS	11 07 45.0	- 5.6							PCP	10 55 29.0	- 0.8		
			LE		Ms=6.0	28.0	14.0					PP	10 57 58.0	- 4.2		
XAN	68.0	63	EP	10 54 39.0	- 0.6							S	11 04 42.0	0.4		
			PCP	10 55 06.0	1.4							LE		Ms=5.7	18.0	3.6
			PP	10 57 11.0	- 0.5							PU	10 55 15.5	- 0.3		
										CN2	74.0	47				

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			P _m Z			7.0	3.0				IS	11 05 30.0	0.4			
			AP	10 55 33.0	- 0.2						SKS	11 05 46.0	3.3			
			EPP	10 58 01.0	- 1.7						SCS	11 05 51.0	0.6			
			ES	11 04 41.0	- 1.2						QZH	79.9	66	PU	10 55 49.0	0.2
			S _m N			7.0	1.1				AP	10 56 08.0	1.6			
			LN	Ms=5.7		17.0	3.7				S	11 05 44.5	- 1.8			
DL2	74.3	53	PU	10 55 18.0	0.5						S _m N			8.0	0.6	
			P _m Z			6.0	1.5				XS	11 06 18.0	1.4			
			AP	10 55 34.9	- 0.1						LN	Ms=5.3		15.0	0.7	
			PP	10 58 08.0	2.7						LE			15.0	0.7	
			S	11 04 47.0	1.4											
			S _m N			10.0	3.5									
			S _m E			9.0	1.6									
			LN	Ms=5.3		18.0	4.0									
			LE			14.0	1.1									
MDJ	76.0	44	EP	10 55 26.3	- 0.8											
			AP	10 55 43.0	- 1.5											
			XP	10 55 50.0	- 2.2											
			PP	10 58 19.5	- 0.1											
			S	11 05 07.5	3.4											
			LN	Ms=5.5		35.0	4.2									
NJ2	76.2	60	PU	10 55 28.0	- 0.1											
			P _m Z			6.0	1.6									
			PCP	10 55 41.0	1.7											
			PP	10 58 21.5	0.5											
			S	11 05 08.0	2.0											
			S _m N			7.0	1.1									
			SS	11 10 06.0	4.0											
			LE	Ms=5.7		20.0	3.6									
QZN	76.5	76	PU	10 55 30.0	0.4											
			P _m Z			8.0	1.4									
			IS	11 05 13.0	4.0											
			SKS	11 05 32.0	3.1											
			S _m N			9.0	1.6									
			S _m E			9.0	1.0									
			SS	11 10 13.0	6.9											
			LE	Ms=5.4		16.0	1.4									
GZH	77.0	70	PC	10 55 33.0	0.4											
			S	11 05 18.0	3.2											
			SCS	11 05 42.0	2.8											
			LN	Ms=5.6		21.0	3.0									
SSE	78.4	60	PU	10 55 40.0	- 0.2											
			P _m Z			6.0	1.3									
			AP	10 55 56.5	- 1.3											
			XP	10 56 05.5	0.0											
			PP	10 58 40.0	0.4											

<p>1984 6 21</p> <p>O = 11 13 36.8 +/- 0.92 SEC</p> <p>LAT = 35.26 N +/- 6.81 KM</p> <p>LONG = 23.07 E +/- 3.43 KM</p> <p>DEPTH = 61 KM +/- 6.16 KM</p> <p>mb(NEIS) = 4.4</p> <p>STATIONS USED = 25, STAND DEV = 2.21 SEC</p>															
GTA	59.4	61	IPC	11 23 36.1	- 0.1										
CD2	65.9	68	P	11 24 19.8	0.3										
HHC	67.0	55	EP	11 24 26.4	0.2										
KMI	67.9	74	EP	11 24 31.5	- 0.7										
XAN	68.3	63	EP	11 24 34.2	- 0.2										
BJI	70.5	54	EP	11 24 47.0	- 0.5										
TIA	73.1	57	EP	11 25 02.7	- 0.4										
CN2	74.4	47	PC	11 25 10.5	- 0.2										
<p>1984 6 21</p> <p>O = 13 23 31.0 +/- 0.08 SEC</p> <p>LAT = 5.56 S +/- 0.70 KM</p> <p>LONG = 150.41 E +/- 0.93 KM</p> <p>DEPTH = 142 KM +/- 0.91 KM</p> <p>mb(NEIS) = 5.0</p> <p>STATIONS USED = 38, STAND DEV = 0.78 SEC</p>															
NJ2	48.0	323	PC	13 31 58.8	1.2										
WHN	49.8	318	P	13 32 12.5	0.9										
TIA	52.0	325	EP	13 32 27.1	- 0.9										
SNY	53.1	335	EP	13 32 36.6	- 0.1										
MDJ	53.3	341	PD	13 32 38.0	- 0.2										
CN2	54.1	337	PD	13 32 42.8	- 0.6										
BJI	55.2	328	EP	13 32 51.5	- 0.6										
XAN	55.6	318	EP	13 32 54.0	- 0.4										
CD2	57.5	312	EP	13 33 06.6	- 1.2										
BTO	59.0	324	EP	13 33 18.8	0.0										
GTA	64.6	318	EP	13 33 56.7	0.4										
LSA	66.7	305	EP	13 34 09.9	- 0.1										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
1984 6 21 O = 16 50 02.8 +/- 0.21 SEC LAT = 37.31 N +/- 1.19 KM LONG = 71.83 E +/- 1.78 KM DEPTH = 185 KM +/- 1.73 KM mb(NEIS) = 4.8 STATIONS USED = 18, STAND DEV = 1.27 SEC																
KSH	3.9	55	EP	16 51 06.0	2.6			TIA	20.6	260	PP	17 34 48.0	- 5.1			
			IS	16 51 49.0	- 1.1						(S)	17 38 02.0	- 1.9			
WMQ	13.7	56	EP	16 53 08.2	- 2.0						EP	17 34 33.6	- 3.1			
			ES	16 55 36.5	- 1.6						S	17 38 15.0	- 1.9			
			S _m N			2.0	0.07				S _m N			12.0	0.5	
LSA	17.8	109	EP	16 54 01.9	1.8			NJ2	21.5	248	EP	17 34 44.3	- 1.6			
GTA	22.0	75	IPC	16 54 44.0	1.3						ES	17 38 33.0	- 0.7			
CD2	27.1	94	P	16 55 31.2	0.7						SS	17 39 12.0	- 3.8			
KMI	28.9	105	EP	16 55 47.0	- 0.3						LN			16.0	1.2	
GYA	31.3	100	P	16 56 07.6	- 0.5			HHC	23.1	276	EP	17 35 01.7	0.1			
TIA	36.0	77	P	16 56 48.4	0.3						S	17 39 04.0	1.7			
1984 6 21 O = 17 30 02.9 +/- 0.06 SEC LAT = 42.65 N +/- 1.53 KM LONG = 142.53 E +/- 1.06 KM DEPTH = 96 KM +/- 0.51 KM mb(NEIS) = 5.4 STATIONS USED = 88, STAND DEV = 1.17 SEC																
MDJ	9.6	286	EP	17 32 21.5	1.7						LN			10.0	0.6	
			XP	17 32 44.0	- 1.7						LE			15.0	0.9	
			PP	17 32 31.0	0.8						EP	17 35 01.7	0.1			
			S	17 34 13.5	6.9						S	17 39 04.0	1.7			
			SS	17 34 25.5	3.8						LN			10.0	0.6	
			LN			12.0	0.6				TIY	23.5	268	EP	17 35 04.8	0.1
CN2	12.5	281	PD	17 33 01.0	2.0						S	17 39 09.0	1.0			
			P _m Z			3.0	0.4				LN			12.0	0.3	
			XP	17 33 24.0	- 1.9						BTO	24.3	276	EP	17 35 13.5	0.4
			ES	17 35 22.0	5.2						WHN	25.5	251	P	17 35 25.0	0.5
			LN			14.0	3.4				QZH	26.5	235	EP	17 35 34.5	1.4
SNY	14.1	273	EP	17 33 19.6	0.4						XAN	27.6	263	EP	17 35 42.6	- 0.9
			XP	17 33 49.0	2.4						LN			10.0	0.4	
			ES	17 35 56.0	2.6						LZH	30.4	270	P	17 36 09.0	0.0
			LN			11.0	0.7				P _m Z			1.2	0.05	
			LE			11.0	0.5				GZH	31.1	240	EP	17 36 15.5	0.8
DL2	16.3	263	EP	17 33 47.0	- 0.1						GTA	32.1	278	IPC	17 36 24.3	0.3
			S	17 36 45.0	0.0						P _m Z			0.9	0.04	
			LN			12.0	0.6				PCP	17 39 12.1	1.8			
BJI	19.9	271	EP	17 34 27.0	- 2.8						ES	17 41 28.3	- 0.5			
											SCP	17 42 46.9	3.1			
											PCS	17 42 57.0	3.2			
											SCS	17 46 44.4	3.1			
											LN			11.0	0.2	
											CD2	32.9	262	P	17 36 30.6	- 0.1
											LN			14.0	0.4	
											GYA	33.4	252	P	17 36 37.6	3.0
											QZN	36.3	239	EP	17 37 00.0	0.8
											KMI	37.0	254	PC	17 37 05.5	0.1
											AP	17 37 29.0	2.0			
											ES	17 42 38.0	- 5.5			
											LN			14.0	0.5	
											WMQ	39.4	291	P	17 37 25.0	0.0
											AP	17 37 43.5	- 3.4			
											S	17 43 19.5	0.3			
											S _m E			2.0	0.08	

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A u	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A u
LSA	42.8	269	SCS	17 47 23.0	2.2			O = 08 18 22.7			+/- 0.23 SEC				
			PC	17 37 55.4	1.5			LAT = 2.73 N			+/- 3.50 KM				
								LONG = 127.47 E			+/- 4.14 KM				
								DEPTH = 68 KM			+/- 0.74 KM				
								Ms(CHINA) = 4.6/16, mb(NEIS) = 5.7							
								STATIONS USED = 94, STAND DEV = 3.19 SEC							
								QZN	23.7	314	PU	08 23 30.0	1.0		
											PP	08 24 08.0	4.0		
											S	08 27 37.0	1.2		
											S _m N			11.0	1.1
											S _m E			10.0	0.8
											LN	Ms = 4.8		13.0	1.0
											LE			13.0	0.8
								QZH	23.7	339	PU	08 23 28.0	- 1.2		
											AP	08 23 40.0	- 4.6		
											S	08 27 35.0	- 1.2		
											S _m N			8.0	1.3
											LN	Ms = 4.5		18.0	1.7
								GZH	24.4	327	PC	08 23 36.5	0.1		
											AP	08 23 52.0	0.2		
											S	08 27 52.0	3.0		
											S _m N			8.0	2.4
											S _m E			8.0	1.0
											LN	Ms = 4.4		15.0	1.0
								SSE	28.8	348	EP	08 24 15.0	- 2.1		
											AP	08 24 32.0	- 0.8		
											PP	08 25 08.0	- 4.0		
											ES	08 28 57.0	- 4.0		
								NJ2	30.3	345	PU	08 24 30.0	0.1		
											AP	08 24 41.0	- 4.8		
											S	08 29 24.5	0.7		
											S _m N			12.0	1.0
											XS	08 29 47.0	- 4.3		
											LE	Ms = 4.5		14.0	0.7
								WHN	30.3	337	P	08 24 32.0	1.7		
											AP	08 24 43.0	- 3.2		
											S	08 29 29.0	4.4		
											S _m N			7.0	1.8
								GYA	30.9	321	P	08 24 36.0	0.4		
											S	08 29 35.0	1.0		
								KMI	32.6	315	EP	08 24 51.5	0.9		
											PCP	08 27 37.5	- 2.7		
											ES	08 30 03.0	2.2		
											S _m N			6.0	0.3
											LE	Ms = 4.5		16.0	0.8
								TIA	34.7	345	PC	08 25 07.2	- 0.9		

June

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
			P _m N			5.0	0.4				S _m N			10.0	0.9
			P _m Z			5.0	0.7				S _m E			8.0	0.6
			PCP	08 27	40.9	0.3		CN2	40.9	357	PC	08 25	58.5	- 2.1	
			ES	08 30	32.0	- 0.3					P _m Z			4.0	0.4
			S _m N			12.0	1.3				ES	08 32	04.0	- 3.5	
			S _m E			7.5	0.5				LN		M _s =4.6	12.0	0.5
			XS	08 30	59.0	- 0.9		MDJ	41.8	2	PC	08 26	06.5	- 0.8	
XAN	35.6	333	EP	08 25	16.0	- 0.4					S	08 32	19.0	- 0.7	
			S	08 30	50.0	2.6		LSA	43.6	311	EP	08 26	24.4	1.2	
			S _m N			12.0	1.3				S	08 32	48.2	0.0	
			S _m E			8.0	8.0	GTA	44.3	329	IPC	08 26	29.6	1.2	
			LN			10.0	6.5				AP	08 26	41.0	- 3.7	
CD2	35.9	323	EP	08 25	19.0	0.5					S	08 32	59.4	1.9	
			PP	08 26	37.5	- 2.8					S _m N			7.0	0.4
			S	08 30	50.0	- 1.2		WMQ	54.0	325	IPC	08 27	42.6	0.1	
			LE		M _s =5.0	23.0	2.8				P _m Z			1.5	0.3
DL2	36.4	352	EP	08 25	22.4	- 0.4					AP	08 27	55.5	- 3.8	
			ES	08 31	00.0	1.0					PCP	08 28	46.8	0.7	
			LE		M _s =4.7	15.0	0.9				S	08 35	15.0	3.2	
TIY	37.4	340	P	08 25	32.0	0.3		KSH	59.2	315	PU	08 28	21.0	0.9	
			AP	08 25	45.0	- 2.9					IS	08 36	27.0	5.4	
			S	08 31	14.0	- 1.2					S _m N			7.0	1.5
			S _m N			9.0	0.9								
			LN		M _s =4.8	18.0	1.1								
			LE			18.0	1.1								
BJI	38.5	346	EP	08 25	40.0	- 0.6									
			ES	08 31	32.0	0.6									
			SCS	08 35	48.0	6.1									
			S _m N			6.0	0.5								
SNY	39.1	355	IPU	08 25	44.0	- 1.2									
			ES	08 31	37.0	- 2.8									
			LN		M _s =4.6	24.0	1.1								
LZH	39.7	329	IPC	08 25	52.5	1.7									
			P _m Z			1.5	0.2								
			AP	08 26	02.5	- 4.5									
			ES	08 31	52.0	2.1									
			S _m N			11.5	1.0								
			S _m E			8.0	0.4								
HHC	40.6	341	PU	08 25	58.2	0.5									
			AP	08 26	13.0	- 0.9									
			S	08 32	06.0	3.6									
			S _m N			7.5	0.8								
			S _m E			8.0	0.6								
BTO	40.9	339	EP	08 26	01.0	0.9									
			PP	08 27	37.0	- 0.7									
			S	08 32	09.0	2.3									

1984 6 22
O = 12 27 57.4 +/- 0.18 SEC
LAT = 8.17 N +/- 1.91 KM
LONG = 123.87 E +/- 3.00 KM
DEPTH = 651 KM +/- 3.16 KM
mb(NEIS) = 5.3
STATIONS USED = 73, STAND DEV = 1.86 SEC

QZN	17.4	309	PD	12 31	27.1	0.0	
QZH	17.4	343	EP	12 31	28.1	0.6	
			S	12 34	16.0	- 0.2	
			S _m N			4.0	0.4
			S _m E			4.0	0.3
GZH	17.9	326	IPD	12 31	32.0	- 0.4	
WHN	24.0	339	IPC	12 32	27.5	0.9	
NJ2	24.2	349	EP	12 32	31.2	2.5	
			S	12 36	06.0	0.5	
GYA	24.4	320	P	12 32	31.2	0.3	
			PCP	12 35	46.2	0.6	
KMI	26.3	312	IPD	12 32	47.5	0.6	
			ES	12 36	38.0	- 0.2	
TIA	28.6	348	EP	12 33	05.8	- 0.6	
			IPCP	12 35	55.3	- 0.2	
			ISCP	12 38	38.4	2.7	

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
XAN	29.2	333	PD	12 33 11.0	- 0.8						LN		Ms = 6.0	18.0	2.0
CD2	29.4	322	P	12 33 13.8	0.3						LE			18.0	2.0
			P _m Z			0.9	0.1	GZH	129.5	111	EPKP	16 14 40.3	3.7		
			S	12 37 23.0	- 3.3						LN		Ms = 6.4	18.0	5.5
DL2	30.7	356	PD	12 33 24.0	- 0.1						LE			19.0	3.9
BJI	32.5	348	EP	12 33 39.0	- 0.3			CD2	131.0	96	PKP	16 14 41.0	1.5		
LZH	33.3	329	PR	12 33 47.0	1.0						PP	16 16 57.5	- 2.0		
			P _m Z			1.0	0.1				PP _m Z			12.0	1.4
			ES	12 38 13.6	-11.6			QZH	133.6	115	EPKP	16 14 42.0	- 2.4		
SNY	33.5	359	PD	12 33 47.4	- 0.6						PP	16 17 15.0	- 0.9		
CN2	35.5	1	PD	12 34 03.0	- 1.5						SS	16 34 56.0	- 2.5		
			SCP	12 39 02.0	2.6						LN		Ms = 6.2	18.0	2.8
MDJ	36.6	6	PD	12 34 13.5	- 0.2						LE			18.0	2.8
LSA	37.4	309	PD	12 34 21.7	1.2			LZH	135.1	92	EPKP	16 14 39.0	- 8.3		
GTA	37.8	329	I PD	12 34 24.4	0.7						PP	16 17 22.0	- 2.8		
			P _m Z			0.9	0.05				PP _m Z			5.5	1.0
			IPCP	12 36 23.3	1.2						ESKKS	16 23 40.0			
			ISCP	12 39 11.4	3.3						LE		Ms = 5.9	20.0	2.1
			IS	12 39 31.4	- 1.6			GTA	135.4	85	EPKP	16 14 39.7	- 3.2		
			S _m N			1.6	0.01				PP	16 17 25.5	- 1.4		
			ESCS	12 43 21.4	1.9						SKS	16 21 47.0	- 7.0		
WMQ	47.5	324	P	12 35 38.5	- 0.1						LN		Ms = 5.9	19.0	2.2
			PCP	12 36 55.5	0.4			XAN	136.2	98	EPKP	16 14 50.0	0.9		
			PCS	12 40 50.5	3.1						PP	16 17 29.0	- 2.4		
											SKS	16 22 04.0	8.7		
											LN		Ms = 5.9	16.0	1.9
								SSE	140.0	113	PKP	16 14 59.5	3.4		
											EPP	16 17 50.0	- 5.6		
											SKKS	16 24 46.0			
											LN		Ms = 6.5	20.0	9.2
								TIY	140.8	98	EPKP	16 14 57.0	- 0.7		
											LN		Ms = 6.4	19.0	5.3
											LE			18.0	3.0
								BTO	141.7	93	PKP	16 14 55.0	- 4.2		
											PP	16 18 07.0	1.7		
											LN		Ms = 6.1	18.0	2.2
											LE			18.0	2.6
								TIA	142.1	104	PKP	16 14 57.0	- 2.8		
											PKP _m Z			8.0	0.8
											PP	16 18 07.0	- 0.9		
											PP _m Z			8.0	1.3
											SS	16 36 33.5	- 5.0		
											LN		Ms = 6.4	20.0	6.3
											LE			20.0	1.5
								HHC	142.6	94	PKPR	16 14 59.0	- 1.9		
											PP	16 18 10.0	- 1.3		

1984 6 22

O = 15 55 26.7 +/- 0.41 SEC

LAT = 58.28 S +/- 12.83 KM

LONG = 15.53 W +/- 11.79 KM

DEPTH = 14 KM +/- 1.53 KM

Ms(CHINA) = 6.2/28, Msz(NEIS) = 6.1 mb(NEIS) = 6.2

STATIONS USED = 70, STAND DEV = 4.53 SEC

LSA	123.4	86	EPKP	16 14 27.1	1.8		
			PP	16 16 09.1	- 0.1		
			PP _m Z			6.0	1.3
			LN		Ms = 6.1	17.5	3.0
			LE			17.5	2.4
KMI	125.8	100	PKPD	16 14 31.5	1.8		
			PP	16 16 23.0	- 2.3		
			PP _m Z			6.0	0.6
			SS	16 33 14.0	- 8.0		
			LN		Ms = 6.1	18.0	3.7
GYA	128.9	102	EPKP	16 14 38.0	2.3		
			PP	16 16 43.0	- 3.1		
			SKS	16 21 49.0	6.2		
			SS	16 34 00.0	- 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
SNY	14.7	295	EP	04 49 43.4	- 0.5						PP	13 52 05.0	4.7		
TIA	19.5	275	EP	04 50 43.7	0.3						ES	13 55 40.0	- 2.1		
											LN		Ms=4.4	18.0	1.0
											LE			17.0	0.6
											PC	13 51 26.2	- 0.9		
											P _m N			5.0	0.3
											P _m E			5.0	0.3
											P _m Z			5.0	0.5
											EAP	13 51 37.5	1.3		
											XP	13 51 43.5	3.2		
											PP	13 52 07.0	1.3		
											PP _m Z			5.0	0.3
											ES	13 55 46.0	- 2.8		
											S _m N			7.0	0.5
											XS	13 56 04.0	0.2		
											LN		Ms=4.8	15.0	2.2
											PD	13 51 35.3	- 0.9		
											EAP	13 51 44.0	- 1.2		
											EXP	13 51 48.5	- 0.9		
											S	13 56 15.0	10.2		
											LN		Ms=4.8	17.0	1.6
											LE			17.0	1.5
											PD	13 51 44.0	0.6		
											EP	13 51 51.5	0.8		
											EP	13 51 55.0	- 1.8		
											LN		Ms=4.2	14.0	0.5
											TIY	13 52 13.0	0.3		
											LN		Ms=4.9	16.0	1.6
											LE			15.0	1.1
											PD	13 52 28.6	0.4		
											LN		Ms=4.6	17.0	1.0
											EP	13 52 28.6	- 0.3		
											ES	13 57 41.0	2.3		
											EP	13 52 35.4	- 1.5		
											ES	13 57 52.0	- 1.0		
											LN		Ms=4.9	16.0	1.6
											LE			16.0	1.4
											P	13 52 42.8	0.9		
											S	13 58 07.0	4.9		
											P	13 53 03.6	0.2		
											LE		Ms=4.9	16.0	1.7
											EP	13 53 06.5	- 0.7		
											P _m Z			2.5	0.2
											LE		Ms=4.7	15.0	0.9
											EP	13 53 14.0	1.1		
											ES	13 59 01.0	2.7		

June



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		Ms=4.5	15.0	0.6				LN		Ms=4.9	14.0	6.1
GTA	40.3	303	EP	13 53 38.2	0.2			NJ2	10.2	342	PD	22 55 23.2	- 2.8		
			ES	13 59 42.5	- 1.4						S	22 57 17.0	- 5.6		
			LN		Ms=4.6	14.0	0.6				LE		Ms=5.0	11.0	10.0
LSA	47.1	289	PU	13 54 35.1	1.8			WHN	11.0	320	PD	22 55 34.0	- 2.0		
			ES	14 01 25.1	1.9						S	22 57 32.0	- 8.5		
WMQ	49.9	308	IPC	13 54 54.9	0.3						LN		Ms=5.6	11.0	31.4
			P _m Z			1.7	0.3	QZN	12.3	256	EP	22 55 52.2	- 1.1		
			ES	14 02 02.5	0.7						ES	22 58 20.0	8.5		
			SCS	14 04 43.0	3.7						LN		Ms=5.1	18.0	12.6
1984 6 23															
O = 20 23 02.0 +/- 0.05 SEC															
LAT = 27.50 N +/- 0.98 KM															
LONG = 142.67 E +/- 0.32 KM															
DEPTH = 40 KM +/- 0.40 KM															
Ms(CHINA) = 4.0 / 1, mb(NEIS) = 4.4															
STATIONS USED = 12, STAND DEV = 1.0i SEC															
MDJ	20.0	331	EP	20 27 35.0	0.2			TIA	14.6	342	PC	22 56 26.2	1.2		
SNY	21.2	317	EP	20 27 46.8	0.4						P _m N			3.0	0.4
CN2	21.4	323	EP	20 27 49.2	0.6						P _m Z			3.0	0.8
			LE			15.0	0.5				S	22 59 14.0	5.2		
XAN	29.6	291	EP	20 29 04.6	- 1.7						ESS	22 59 31.5	6.8		
CD2	34.0	285	P	20 29 43.6	- 1.1						LN		Ms=5.1	11.0	1.7
KMI	35.8	275	EP	20 30 00.0	0.1						LE			11.0	6.4
1984 6 23															
O = 22 52 55.1 +/- 0.11 SEC															
LAT = 22.28 N +/- 1.32 KM															
LONG = 122.47 E +/- 1.59 KM															
DEPTH = 6 KM +/- 0.25 KM															
Ms(CHINA) = 5.1 / 32, Msz(NEIS) = 5.0															
mb(NEIS) = 5.0, ML(CHINA) = 4.6/9															
STATIONS USED = 72, STAND DEV = 1.63 SEC															
QZH	4.4	307	EPN	22 54 04.4	- 0.1			DL2	16.6	357	I PU	22 56 51.0	0.9		
			SN	22 54 51.8	- 5.5						ES	23 00 05.0	10.6		
			S _m N		ML=4.5	0.3	0.9				LN		Ms=4.9	10.0	2.9
			S _m E			0.3	0.6				LE			11.0	2.8
			LE		Ms=4.6	12.0	11.3	XAN	16.7	317	EP	22 56 52.0	0.3		
GZH	8.5	277	P	22 55 00.5	- 0.8						ES	23 00 01.0	3.6		
			S	22 56 29.2	- 9.0						S _m N			12.0	1.3
			LN		Ms=4.7	18.0	9.6				LN		Ms=5.4	12.0	10.1
			LE			20.0	3.5				LE			13.0	8.5
SSE	8.9	352	PC	22 55 04.5	- 2.2			TIY	17.6	332	P	22 57 05.0	1.5		
			ELG ₁	22 57 26.0	- 7.2						LN		Ms=5.4	9.5	9.6
			LG ₂	22 57 46.0	- 1.3			KMI	18.3	282	EP	22 57 14.5	2.9		
											LN		Ms=5.1	14.0	6.6
								BJI	18.5	344	PU	22 57 15.0	1.0		
											ES	23 00 42.0	4.1		
											LN		Ms=5.0	11.5	3.0
											LE			12.0	2.8
								CD2	18.8	301	EP	22 57 18.6	0.9		
											(S)	23 00 37.0	- 7.7		
											LN		Ms=5.3	10.0	8.0
											LP			10.0	2.2
								SNY	19.5	2	I PU	22 57 24.5	- 1.5		
											SN	23 01 00.0	- 0.7		
											LE		Ms=4.9	10.5	2.2
											LE			11.0	2.5
								HHC	20.7	336	P	22 57 39.8	1.0		
											LE		Ms=5.1	14.0	5.7

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		
BTO	21.1	332	P	22 57 42.5	- 0.5			BJI	2.1	274	EPG	04 27 11.0	- 0.8				
			LN		Ms=5.4	10.0	8.4				SG	04 27 38.0	- 1.2				
			LE			10.0	1.5	DL2	2.4	114	EPG	04 27 21.4	- 0.1				
LZH	21.2	314	EP	22 57 46.0	1.3						SG	04 27 47.2	- 0.2				
			P _m Z			2.0	0.3				S _m N		ML=2.8	0.5	0.07		
			ES	23 01 26.0	- 10.7						S _m E			0.5	0.05		
			S _m N			15.0	2.2	TIA	4.0	201	EPN	04 27 40.7	3.1				
			S _m E			13.0	1.4				ESG	04 28 35.3	- 2.4				
			LE		Ms=5.2	9.5	5.3				S _m N		ML=2.5	0.2	0.01		
CN2	21.6	5	PC	22 57 46.4	- 1.7						S _m E			0.3	0.01		
			ES	23 01 35.0	- 8.1			SNY	4.0	60	EPG	04 27 45.0	- 2.1				
			S _m E			6.0	0.7				SG	04 28 41.2	1.3				
			LN		Ms=5.1	11.0	2.5				S _m N		ML=3.0	1.0	0.04		
			LE			11.0	4.0				S _m E			1.0	0.02		
GTA	25.8	316	EP	22 58 29.5	0.7			CN2	6.2	49	PG	04 28 26.0	- 1.4				
			ES	23 02 54.0	- 2.3			1984 6 24									
			S _m E			6.5	0.3	O=11 17 11.5 +/- 0.15 SEC									
			LE		Ms=5.0	9.5	2.4	LAT=17.99 N +/- 2.77 KM									
LSA	29.0	291	EP	22 59 03.1	4.1			LONG=69.35 W +/- 3.49 KM									
			ES	23 03 50.1	0.0			DEPTH=24 KM +/- 0.48 KM									
WMQ	35.8	315	EP	22 59 57.5	- 0.4			Ms(CHINA)=6.9/27, MsZ(NEIS)=6.7, mb(NEIS)=6.0									
			ES	23 05 26.0	- 9.6			STATIONS USED=83, STAND DEV=1.78 SEC									
			LN		Ms=5.5	14.0	5.6	WMQ	115.0	18	PKPC	11 35 50.5	- 1.4				
1984 6 24											EPP	11 36 56.0	1.3				
O=02 45 24.7 +/- 0.16 SEC											PP _m Z			8.0	2.0		
LAT=11.95 N +/- 1.77 KM											SKS	11 42 59.0	0.3				
LONG=125.82 E +/- 0.92 KM											SKKS	11 43 48.5					
DEPTH=43 KM +/- 1.23 KM											LN		Ms=6.9	20.0	32.7		
mb(NEIS)=4.7											CN2	117.0	348	PKP	11 35 53.6	- 2.1	
STATIONS USED=13, STAND DEV=0.91 SEC													SKS	11 43 04.6	2.0		
SSE	19.5	348	EP	02 49 52.3	0.8			SNY	119.3	348	PKP	11 35 59.7	- 0.4				
GYA	23.1	311	EP	02 50 30.0	2.0						PP	11 37 17.0	- 7.7				
TIA	25.4	343	EP	02 50 49.8	- 0.3						PP _m Z			8.5	1.1		
KMI	25.4	304	EP	02 50 51.5	0.7						LN		Ms=7.0	20.5	29.6		
XAN	26.9	327	EP	02 51 02.8	- 0.8						LE			20.0	16.9		
CD2	27.8	316	P	02 51 12.0	- 0.2			HHC	121.5	359	PKPC	11 36 05.4	1.0				
GTA	35.8	324	EP	02 52 21.2	- 0.9						PP	11 37 37.2	- 1.8				
1984 6 24											SKKS	11 44 32.0					
O=04 26 33.6 +/- 0.01 SEC											LN		Ms=6.9	23.0	23.9		
LAT=39.93 N +/- 0.14 KM											LE			20.0	16.7		
LONG=113.89 E +/- 0.18 KM											BTO	121.7	0	PKP	11 36 05.5	0.6	
DEPTH=14 KM +/- 0.02 KM													PP	11 37 38.0	- 2.8		
ML(CHINA)=2.9/6													SKKS	11 44 25.0			
STATIONS USED=9, STAND DEV=1.30 SEC													LN		Ms=7.0	20.0	15.2
											LE			20.0	30.1		

June

Left Column								Right Column							
STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
GTA	122.0	9	PKP	11 36 05.3	- 0.2			KMI	136.5	10	LN		M _s =6.8	20.0	7.8
			PP	11 37 37.0	- 5.8		LE					20.0	15.4		
			PP _m Z			8.0	1.1				EPKP	11 36 34.0	0.9		
			SKKS	11 44 25.5							PP	11 39 10.0	- 6.5		
BJI	122.0	354	LN		M _s =7.1	26.0	52.2	PP _m Z				9.0	0.9		
			EPKP	11 36 05.0	- 0.4			LN		M _s =7.1	24.0	39.7			
			PP	11 37 40.0	- 3.1			QZH	136.6	349	EPKP	11 36 32.0	- 1.2		
			PP _m Z			7.0	1.6	PP	11 39 10.0	- 7.5					
DL2	122.5	349	LN		M _s =6.8	19.0	20.1	LN		M _s =6.8	20.0	18.5			
			PKP	11 36 05.0	- 1.2			GZH	139.1	356	EPKP	11 36 39.0	1.3		
			LN		M _s =6.9	20.0	25.7	PP	11 39 26.0	- 7.3					
TIY	124.6	353	LE			16.0	3.8	LN		M _s =6.8	23.0	19.6			
			EPKP	11 36 10.7	0.3			LE			26.0	14.1			
			PP	11 38 01.0	0.9			QZN	143.2	1	EPKP	11 36 43.6	- 1.3		
			SKKS	11 44 50.0				PP	11 39 57.0	- 1.0					
TIA	125.7	353	LN		M _s =6.9	18.0	20.3	PP _m Z				7.0	1.8		
			LE			19.0	17.3	SKKS	11 46 43.0						
			PKP	11 36 12.4	- 0.2			SS	11 58 37.0	4.0					
			PP	11 38 01.0	- 7.1			LN		M _s =6.7	19.0	9.5			
LZH	125.8	6	PP _m Z			10.0	0.9	LE			19.0	9.1			
			SKS	11 43 18.0	- 1.0										
			LN		M _s =7.0	20.0	34.6	1984 6 24							
			LE			20.0	10.0	O=13 29 33.8 +/- 0.17 SEC							
XAN	128.2	1	EPKP	11 36 13.3	0.4			LAT=43.64 S +/- 4.00 KM							
			LN		M _s =6.8	22.0	23.1	LONG=170.76 E +/- 2.79 KM							
			EPKP	11 36 17.5	0.0			DEPTH=10 KM +/- 1.91 KM							
			PP	11 38 16.0	- 8.4			M_s(CHINA)=5.8/8, M_sZ(NEIS)=6.1, mb(NEIS)=5.8							
LSA	129.0	21	LN		M _s =6.8	12.0	10.1	STATIONS USED=52, STAND DEV=1.96 SEC							
			LE			13.0	8.5	QZN	83.6	303	EP	13 42 11.6	2.0		
			EPKP	11 36 19.4	0.1			S	13 52 31.0	- 0.2					
			EPP	11 38 23.8	- 5.9			S _m N			7.0	1.0			
NJ2	129.6	350	SKS	11 43 22.3	- 2.7			S _m E			12.0	1.0			
			LN		M _s =6.7	21.0	15.2	LN		M _s =5.8	15.0	2.7			
			LE			21.0	7.4	LE			12.0	1.3			
			PKPU	11 36 20.5	0.5			SSE	87.1	319	P	13 42 26.5	- 0.4		
SSE	130.2	348	PP	11 38 30.0	- 3.4			PP	13 52 54.3	2.4					
			SKS	11 43 23.0	- 3.1			NJ2	89.0	318	EP	13 42 36.5	0.4		
			LN		M _s =6.9	19.0	24.0	PP _m Z				4.0	0.6		
			PP	11 38 30.0	- 6.8			S	13 53 26.0	3.0					
CD2	130.9	7	SKKS	11 43 30.0				S _m E			6.0	2.1			
			LN		M _s =6.9	19.0	24.6	SS	13 59 22.0	4.8					
			LE			18.0	7.7	LE		M _s =5.7	18.0	2.7			
			PKP	11 36 21.0	0.0			WHN	90.1	314	EP	13 42 42.0	1.0		
WHN	131.6	355	LE					GYA	91.2	306	P	13 42 47.8	1.5		
			PKP	11 36 23.2	0.6			S	13 53 48.0	5.3					
GYA	135.6	5	PKP	11 36 25.5	1.7			KMI	92.5	302	PC	13 42 55.0	2.4		
			PKP	11 36 32.0	0.5										

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			SKS	13 53 26.0	3.0			DEPTH=15 KM +/- 5.34 KM Ms(CHINA)=4.5/13, mb(NEIS)=4.7 STATIONS USED=48, STAND DEV=2.24 SEC							
			SS	14 00 15.0	7.1			DL2	9.8	297	EP	21 31 45.0	1.6		
			LN	Ms=5.9		19.0	4.1				ELG ₁	21 34 23.0	- 4.9		
TIA	93.2	319	EP	13 42 54.9	- 0.7						ELG ₂	21 34 37.0	- 6.5		
			SKS	13 53 26.0	- 1.0						LN	Ms=4.4		19.0	1.2
			S	13 54 04.0	3.4						LE			10.0	2.5
			S _m N			8.0	1.2	SNY	10.1	316	EP	21 31 46.4	- 0.3		
			S _m E			8.0	1.7				ES	21 33 41.0	0.2		
			LN	Ms=5.9		20.0	3.9				LG ₁	21 34 31.4	- 4.0		
			LE			20.0	2.7				LG ₂	21 34 50.7	- 0.7		
SNY	95.1	326	EP	13 43 02.8	- 1.2						LN	Ms=4.6		11.5	3.0
MDJ	95.2	331	EP	13 43 05.0	0.2						LE			11.0	2.0
XAN	95.7	312	EP	13 43 06.4	- 0.4			MDJ	10.1	346	EP	21 31 45.7	- 1.5		
CN2	96.0	328	EP	13 43 07.0	- 1.3			SSE	10.4	252	EP	21 31 55.5	3.9		
			ES	13 54 18.0	- 6.4						ELG ₁	21 34 52.0	5.5		
			LE	Ms=5.8		17.0	2.6				LG ₂	21 35 11.0	8.0		
CD2	96.2	307	P	13 43 09.5	0.3						LN	Ms=4.8		14.0	7.2
BJI	96.8	320	EP	13 43 13.0	1.3			CN2	10.6	329	PC	21 31 54.6	0.2		
WMQ	114.3	307	EPKP	13 48 21.0	1.2						ES	21 33 52.0	- 2.5		
											LE	Ms=4.4		13.0	2.7
1984 6 24															
O=18 18 51.1 +/- 0.16 SEC															
LAT=18.05 N +/- 0.03 KM															
LONG=69.29 W +/- 0.01 KM															
DEPTH=32 KM +/- 0.02 KM															
Ms _z (NEIS)=4.7, mb(NEIS)=5.1															
STATIONS USED=26, STAND DEV=3.57 SEC															
GTA	121.9	9	PKP	18 37 43.5	0.0			NJ2	12.0	260	EP	21 32 11.4	- 1.1		
XAN	138.2	1	EPKP	18 37 55.6	0.1			TIA	12.8	280	EP	21 32 23.3	- 1.1		
KMI	136.4	10	(PKP)	18 38 27.5	16.3						ELG ₂	21 36 24.0	1.2		
1984 6 24															
O=18 28 36.3 +/- 0.04 SEC															
LAT=6.98 S +/- 0.46 KM															
LONG=153.22 E +/- 0.39 KM															
DEPTH=39 KM +/- 0.25 KM															
mb(NEIS)=4.4															
STATIONS USED=9, STAND DEV=0.66 SEC															
CN2	55.6	335	EP	18 38 11.0	- 0.2						LN	Ms=4.5		12.0	1.5
KMI	58.0	304	EP	18 38 27.5	- 1.2						LE			12.0	2.0
CD2	59.9	310	EP	18 38 42.2	1.0			BJI	14.2	296	EP	21 32 40.5	- 1.7		
1984 6 24															
O=21 29 19.4 +/- 0.65 SEC															
LAT=34.81 N +/- 1.95 KM															
LONG=132.77 E +/- 2.04 KM															
											LN	Ms=4.4		10.0	0.6
								WHN	16.1	259	E(P)	21 33 11.5	4.5		
								TIY	16.7	285	EP	21 33 16.5	2.1		
											(S)	21 36 19.0	0.1		
											LN	Ms=4.2		12.0	0.7
											LE			11.0	0.5
								HHC	17.8	296	EP	21 33 28.0	- 0.6		
								BTO	18.9	294	IPD	21 33 41.1	- 1.1		
								XAN	19.7	274	EP	21 33 48.8	- 2.5		
								LZH	23.6	281	EP	21 34 32.0	1.2		
											P _m Z			2.0	0.08
											S	21 38 41.0	- 0.3		
											LN	Ms=5.0		15.0	3.0
											LE			16.0	2.5
								GYA	23.9	256	P	21 34 36.0	1.9		
								CD2	24.6	269	EP	21 34 41.2	0.1		
											LE	Ms=4.6		16.0	1.8
								GTA	26.6	289	EP	21 34 57.2	- 2.4		

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KMI	27.1	257	EP	21 35 10.0	0.6			WMQ	79.7	332	PC	21 45 18.0	- 0.1		
LSA	35.4	273	EP	21 36 18.9	1.3						P _m Z			2.0	0.05
WMQ	35.6	298	EP	21 36 20.0	0.6						ESKS	21 55 30.0	1.7		
1984 6 24															
O=21 33 08.1 +/- 0.09 SEC															
LAT=51.15 N +/- 2.16 KM															
LONG=130.69 W +/- 1.84 KM															
DEPTH=14 KM +/- 0.27 KM															
Ms(CHINA)=5.7/13, Msz(NEIS)=5.8															
mb(NEIS)=5.4															
STATIONS USED=56, STAND DEV=1.71 SEC															
MDJ	62.1	307	EP	21 43 30.5	- 1.1										
			S	21 51 55.0	- 0.2										
			LE			Ms=5.3	40.0	4.6							
CN2	64.8	308	PC	21 43 47.6	- 1.4										
			P _m Z				5.0	0.7							
			ES	21 52 24.0	- 4.2										
			LN			Ms=5.7	15.0	2.6							
			LE				15.0	3.0							
SNY	67.1	308	EP	21 44 03.1	- 1.2										
			S	21 52 58.0	0.7										
			S _m N				14.0	1.3							
			S _m E				15.0	0.8							
			SS	21 57 13.0	- 3.6										
			LE			Ms=5.7	15.5	3.4							
BJI	72.1	312	EP	21 44 34.5	- 0.1										
			(S)	21 53 57.0	1.5										
			LN			Ms=5.7	17.0	3.8							
HHC	73.5	315	PU	21 44 43.0	- 0.3										
			SKS	21 54 43.0	- 0.4										
			LN			Ms=5.8	15.0	2.8							
			LE				15.0	2.9							
BTO	74.4	316	IPD	21 44 48.5	0.1										
			S	21 54 26.0	3.9										
			LN			Ms=5.9	15.0	3.4							
			LE				15.0	3.0							
TIA	74.7	309	EP	21 44 49.1	- 0.7										
			S	21 54 30.0	5.3										
			S _m E				16.0	1.2							
			LN			Ms=5.6	20.0	2.9							
SSE	76.6	303	P	21 45 01.4	0.4										
GTA	79.6	322	PC	21 45 17.3	- 0.1										
			S	21 55 20.5	2.1										
			S _m N				9.0	0.3							
			LN			Ms=5.6	16.0	2.4							
1984 6 24															
O=23 10 07.8 +/- 0.14 SEC															
LAT=4.28 N +/- 2.81 KM															
LONG=94.39 E +/- 2.65 KM															
DEPTH=48 KM +/- 1.34 KM															
mb(NEIS)=4.6															
STATIONS USED=11, STAND DEV=1.97 SEC															
KMI	22.2	20	EP	23 15 03.0	0.8										
GYA	25.0	26	P	23 15 28.2	- 0.8										
LSA	25.5	353	P	23 15 35.7	1.8										
CD2	27.9	17	EP	23 15 53.6	- 2.5										
XAN	32.6	22	EP	23 16 33.8	- 3.2										
GTA	35.3	7	P	23 16 59.4	- 1.5										
1984 6 24															
O=23 38 12.3 +/- 0.48 SEC															
LAT=12.38 N +/- 7.76 KM															
LONG=125.48 E +/- 7.05 KM															
DEPTH=12 KM +/- 2.92 KM															
mb(NEIS)=5.0															
STATIONS USED=13, STAND DEV=5.06 SEC															
TIA	24.9	343	EP	23 43 37.8	0.9										
KMI	24.9	303	EP	23 43 41.0	3.5										
XAN	26.3	327	EP	23 43 50.4	0.1										
CD2	27.3	315	(P/)	23 44 00.6	1.8										
GTA	35.2	324	EP	23 45 11.4	2.2										
1984 6 24															
O=02 06 42.6 +/- 0.06 SEC															
LAT=13.73 N +/- 2.35 KM															
LONG=44.67 E +/- 1.35 KM															
DEPTH=13 KM +/- 0.83 KM															
mb(NEIS)=4.7															
STATIONS USED=18, STAND DEV=1.19 SEC															
GTA	54.6	51	EP	02 16 14.0	0.2										
KMI	55.6	68	EP	02 16 20.0	- 1.0										

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XAN	61.2	58	EP	02 16 58.4	- 1.7						SS	05 30 50.0	10.1		
CN2	74.0	48	EP	02 18 19.5	- 1.2						LN	Ms=4.6		16.0	0.3
											LE			18.0	0.6
1984 6 25								GTA	45.5	339	P	05 21 03.6	0.6		
O=05 12 46.9 +/- 0.69 SES											ES	05 27 39.0	- 1.3		
LAT=2.77 S +/- 1.86 KM											LN	Ms=4.6		13.0	0.4
LONG=118.79 E +/- 2.93 KM								CN2	46.7	6	EP	05 21 09.7	- 3.3		
DEPTH=55 KM +/- 6.65 KM											P _m Z			4.0	0.3
Ms(CHINA)=4.6/11, MsZ(NEIS)=4.6, mb(NEIS)=5.2											ES	05 27 48.0	-10.3		
STATIONS USED=53, STAND DEV=1.72 SEC											LE	Ms=4.7		13.0	0.5
QZN	23.4	338	P	05 17 52.2	0.4			MDJ	48.2	10	EP	05 21 22.0	- 2.0		
			ES	05 22 06.0	8.6			WMQ	54.1	332	EP	05 22 09.0	- 0.3		
			S _m N			12.0	0.7				PCP	05 23 16.5	4.3		
			S _m E			13.0	1.3				ES	05 29 40.5	- 0.2		
			LN	Ms=4.5		16.0	1.5				S _m N			3.0	0.1
GYA	31.3	338	P	05 19 04.6	- 0.3						SCS	05 31 54.5	5.8		
KMI	31.8	331	IPD	05 19 10.0	0.9			1984 6 25							
WHN	33.4	353	EP	05 19 23.0	0.3			O=06 57 55.5 +/- 0.19 SEC							
NJ2	34.6	0	PR	05 19 33.0	- 0.3			LAT=30.29 S +/- 1.43 KM							
			P _m Z			3.0	0.3	LONG=178.77 W +/- 1.48 KM							
			AP	05 19 46.0	- 1.0			DEPTH=136 KM +/- 1.61 KM							
			S	05 24 56.0	- 2.2			mb(NEIS)=5.5							
			S _m E			8.0	0.7	STATIONS USED=46, STAND DEV=1.16 SEC							
			LE	Ms=5.0		6.0	0.9	QZN	84.6	295	EP	07 10 18.8	3.1		
CD2	36.4	337	P	05 19 48.3	- 0.3			MDJ	88.7	325	EP	07 10 34.0	- 1.3		
			LE	Ms=4.9		13.0	1.4	DL2	88.9	317	EP	07 10 35.0	- 1.2		
XAN	37.8	346	EP	05 19 59.6	- 0.3			TIA	89.8	313	PC	07 10 40.3	- 0.5		
TIA	38.8	357	EP	05 20 08.2	- 0.3			CN2	90.1	323	IPR	07 10 40.5	- 1.7		
			S	05 26 08.0	5.8						P _m Z			3.0	0.2
			LN	Ms=4.7		18.0	0.9				AP	07 11 15.5	- 0.8		
LZH	41.1	341	EP	05 20 26.7	- 1.0						S	07 21 24.0	1.7		
			P _m Z			3.5	0.3				XS	07 22 25.0	3.3		
DL2	41.5	3	EP	05 20 30.5	- 0.6			GYA	91.2	300	PD	07 10 47.4	- 0.1		
			ES	05 26 42.0	- 1.1			BJI	92.8	315	EP	07 10 54.0	- 0.6		
			LN			12.0	0.3	KMI	93.5	297	PD	07 10 58.5	0.7		
LSA	41.7	322	EP	05 20 34.0	0.8			XAN	93.9	307	EP	07 10 59.2	- 0.3		
			ES	05 26 42.6	- 4.2			1984 6 25							
BJI	42.7	357	EP	05 20 41.5	1.2			O=07 54 51.3 +/- 0.29 SEC							
			ES	05 27 03.0	3.5			LAT=4.29 S +/- 0.92 KM							
			S _m E			7.0	0.4	LONG=152.87 E +/- 1.83 KM							
BTD	43.9	350	EP	05 20 49.6	- 0.9			DEPTH=78 KM +/- 2.46 KM							
			ES	05 27 16.0	- 1.8			mb(NEIS)=4.7							
HHC	43.9	352	EP	05 20 51.1	0.5			STATIONS USED=32, STAND DEV=0.93 SEC							
SNY	44.6	5	EP	05 20 54.0	- 1.9			TIA	52.3	323	EP	08 03 57.3	- 0.6		
			S	05 27 27.0	- 0.6										
			S _m E			12.0	1.0								

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MDJ	53.0	339	EP	08 04 03.0	0.4			BJI	122.0	355	EPKP	19 04 01.8	0.3		
CN2	53.9	335	EP	08 04 08.4	- 0.8						LN	Ms=5.4	17.0	0.8	
XAN	56.3	316	EP	08 04 26.0	- 0.9			TIY	124.6	358	PKP	19 04 07.2	0.7		
CD2	58.5	310	EP	08 04 44.1	2.0			TIA	125.7	353	EPKP	19 04 08.8	0.1		
GTA	65.3	317	P	08 05 29.2	1.0						EPP	19 06 00.0	- 4.4		
WMQ	75.4	317	P	08 06 29.5	0.3						LN	Ms=5.6	19.0	1.1	
1984 6 25								LZH	125.8	6	EPKP	19 04 09.5	0.6		
O=14 39 59.9 +/- 0.11 SEC								XAN	128.2	1	EPKP	19 04 13.6	0.1		
LAT=37.86 N +/- 0.75 KM								LSA	128.9	22	EPKP	19 04 16.9	1.6		
LONG=72.47 E +/- 0.91 KM								NJ2	129.6	351	PKPC	19 04 17.0	0.2		
DEPTH=125 KM +/- 1.42 KM											LN	Ms=5.4	18.0	0.7	
mb(NEIS)=4.6								CD2	130.9	8	EPKP	19 04 19.7	1.0		
STATIONS USED=10, STAND DEV=1.13 SEC								GYA	135.6	5	PKP	19 04 28.4	0.8		
KSH	3.2	58	EP	14 40 51.0	1.1			KMI	136.4	10	EPKP	19 04 29.0	- 0.2		
			IS	14 41 28.0	0.0			1984 6 26							
			LN			3.0	2.2	O=01 11 49.5 +/- 1.08 SEC							
WMQ	13.0	57	EP	14 42 58.9	- 1.9			LAT=1.30 S +/- 4.63 KM							
			LN			1.5	0.01	LONG=127.54 E +/- 5.62 KM							
LSA	17.5	112	EP	14 43 57.7	- 0.5			DEPTH=70 KM +/- 10.37 KM							
GTA	21.4	77	P	14 44 39.6	0.5			Msz(NEIS)=5.4, mb(NEIS)=5.5							
1984 6 25								STATIONS USED=88, STAND DEV=3.41 SEC							
O=16 17 10.1 +/- 0.06 SEC								QZN	26.7	320	PU	01 17 24.0	0.0		
LAT=37.32 N +/- 1.41 KM											PP	01 18 10.0	- 0.5		
LONG=141.58 E +/- 0.64 KM											S	01 21 51.0	- 1.3		
DEPTH=86 KM +/- 1.11 KM											S _m N		8.0	0.8	
mb(NEIS)=4.8											S _m E		8.0	1.9	
STATIONS USED=19, STAND DEV=1.02 SEC											LN		16.0	1.5	
MDJ	11.6	312	EP	16 19 55.2	0.6						LE		18.0	1.6	
CN2	13.9	302	EP	16 20 23.2	- 0.8			QZH	27.5	342	EP	01 17 32.0	0.4		
TIA	19.6	274	EP	16 21 31.6	- 2.7						S	01 22 06.0	0.2		
TIY	23.1	279	EP	16 22 10.5	1.3						S _m N		4.0	2.0	
XAN	26.7	272	EP	16 22 42.6	- 0.5						LN		10.0	0.6	
GYA	31.4	259	P	16 23 25.6	0.1						LE		11.0	0.7	
CD2	31.8	269	(P)	16 23 28.0	- 1.0			GZH	27.9	331	EP	01 17 35.0	- 0.3		
GTA	32.6	286	P	16 23 35.3	- 0.8						IS	01 22 12.0	- 0.5		
KMI	35.1	261	EP	16 23 58.5	0.6						LN		9.0	1.4	
1984 6 25											LE		10.0	1.1	
O=18 45 09.1 +/- 0.08 SEC								SSE	32.8	349	EP	01 18 18.5	0.1		
LAT=18.02 N +/- 1.12 KM											EPP	01 19 28.0	- 1.5		
LONG=69.20 W +/- 1.29 KM											S	01 23 24.0	- 5.4		
DEPTH=32 KM +/- 0.25 KM											LN		12.0	1.1	
Ms(CHINA)=5.4/3, Msz(NEIS)=5.0, mb(NEIS)=5.2								WHN	34.1	339	P	01 18 30.5	1.0		
STATIONS USED=38, STAND DEV=0.91 SEC											IS	01 23 51.5	2.1		
GTA	122.0	10	PKPC	19 04 02.6	1.1						S _m N		4.0	3.8	
								GYA	34.2	325	P	01 18 31.6	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	
			PP	01 19 47.0	0.9			SNY	43.1	355	PU	01 19 44.0	- 0.7			
			S	01 23 53.0	1.8						P _m Z			9.0	0.5	
			S _m E			7.0	1.9				PP	01 21 26.0	- 1.4			
NJ2	34.2	346	PU	01 18 32.0	1.6						S	01 26 00.0	- 5.3			
			P _m Z			5.0	0.8				ESS	01 29 06.0	- 7.3			
			AP	01 18 43.0	- 4.2						LN			24.0	2.6	
			PP	01 19 44.0	- 2.2						LE			22.0	2.3	
			S	01 23 52.0	0.9			LZH	43.3	331	P	01 19 47.5	1.2			
			S _m N			6.5	0.7				P _m Z			1.5	0.5	
			S _m E			6.5	0.6				LE			10.0	0.8	
			SS	01 25 52.0	- 10.9			IHC	44.4	342	P	01 19 56.0	0.5			
			LN			18.0	2.0				PP	01 21 40.0	- 0.5			
KMI	35.6	319	PC	01 18 44.5	1.7						S	01 26 20.0	- 4.8			
			IS	01 24 16.0	2.6						S _m E			6.0	1.0	
			S _m E			8.0	1.7	BTO	44.7	340	P	01 19 57.0	- 0.5			
			EP	01 19 06.8	- 0.6						PP	01 21 41.0	- 2.1			
			P _m Z			6.5	0.7				S	01 26 28.0	- 0.4			
			PP	01 20 38.0	- 1.8						EP	01 19 59.0	- 0.7			
			PP _m Z			6.5	0.7				P _m Z			6.0	0.5	
			ES	01 24 54.5	- 3.8						EPP	01 21 42.0	- 3.9			
			S _m N			8.0	1.2				PP _m Z			7.0	0.4	
			ESCS	01 29 14.6	6.3						SCP	01 25 29.0	4.6			
			LN			10.0	0.4				ES	01 26 30.0	- 2.3			
			LE			10.0	0.7				S _m N			8.0	0.5	
CD2	39.2	326	EP	01 19 13.6	0.7						SCS	01 29 48.0	1.2			
			P _m Z			4.0	2.5				LN			15.0	1.0	
			PP	01 20 46.5	- 0.8						MDJ	45.8	2	EP	01 20 06.0	- 0.1
			S	01 25 07.0	- 1.2						PP	01 21 52.0	- 2.3			
			S _m E			0.8	2.8				S	01 26 42.0	- 1.9			
XAN	39.3	335	PC	01 19 13.5	0.1						SS	01 29 59.0	- 1.6			
			S	01 25 07.9	- 1.2						LN			20.0	2.9	
			S _m N			7.5	1.2				LSA	46.4	314	P	01 20 14.6	2.5
			S _m E			9.0	2.0				IS	01 26 55.6	1.0			
DL2	40.4	352	EP	01 19 23.0	0.5						S _m E			7.0	1.9	
			PP	01 20 56.0	- 3.7						GTA	47.8	330	IPC	01 20 23.1	0.5
			PP _m Z			8.0	0.7				PP	01 22 14.0	- 0.1			
			ES	01 25 24.5	- 1.0						SCP	01 25 43.3	6.8			
			LN			14.0	1.0				S	01 27 14.5	0.8			
TIY	41.3	341	P	01 19 30.0	0.2						S _m E			7.0	1.1	
			S	01 25 39.0	0.2						LN			16.0	1.0	
			LN			18.0	1.9				WMQ	57.3	326	PC	01 21 33.0	- 0.2
BJI	42.4	347	EP	01 19 39.0	- 0.4						P _m Z			1.5	0.2	
			PP	01 21 21.5	0.4						PCP	01 22 29.0	3.5			
			ES	01 25 55.0	- 0.9						SCP	01 26 23.0	5.6			
			S _m N			10.0	0.6				S	01 29 23.2	0.5			
			LN			17.0	0.8				S _m E			6.0	1.2	

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			SCS	01 31 15.5	4.2		
			LN			20.0	3.0
KSH	62.2	316	PU	01 22 08.0	1.5		
			IS	01 30 30.0	4.7		
			S _m E			5.0	2.7
			SCS	01 31 55.0	7.8		
1984 6 26							
O=02 48 17.9 +/- 0.07 SEC							
LAT=3.40 S +/- 0.82 KM							
LONG=133.63 E +/- 1.87 KM							
DEPTH=34 KM +/- 0.41 KM							
mb(NEIS)=5.2							
STATIONS USED=21, STAND DEV=1.13 SEC							
KMI	41.3	315	PC	02 56 04.0	1.7		
TIA	42.3	340	EP	02 56 10.0	- 0.7		
TIY	45.4	336	EP	02 56 34.4	- 1.2		
BJI	46.1	341	EP	02 56 40.5	- 0.7		
GTA	52.8	327	P	02 57 32.9	0.5		
1984 6 26							
O=06 27 05.5 +/- 0.11 SEC							
LAT=4.87 S +/- 1.08 KM							
LONG=145.33 E +/- 1.70 KM							
DEPTH=216 KM +/- 1.86 KM							
mb(NEIS)=5.0							
STATIONS USED=35, STAND DEV=0.85 SEC							
SSE	42.6	328	PC	06 34 42.3	0.3		
			P _m Z			1.0	0.03
NJ2	44.5	327	PC	06 34 58.4	0.5		
WHN	46.0	321	P	06 35 11.0	1.3		
GTA	48.7	311	P	06 35 31.4	0.9		
KMI	51.0	307	EP	06 35 49.0	1.0		
XAN	51.8	321	PD	06 35 52.8	- 0.7		
BJI	52.1	331	EP	06 35 55.5	- 0.6		
CD2	53.3	314	EP	06 36 04.1	- 0.8		
LZH	56.3	319	EP	06 36 26.5	0.1		
			P _m Z			1.5	0.09
GTA	60.8	320	1 PD	06 36 58.1	0.4		
LSA	62.2	307	EP	06 37 08.6	1.1		
WMQ	70.9	319	EP	06 38 01.8	0.3		
1984 6 26							
O=08 58 02.9 +/- 0.04 SEC							
LAT=7.57 S +/- 0.09 KM							
LONG=104.54 E +/- 2.97 KM							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
DEPTH=32 KM +/- 0.04 KM							
Ms(CHINA)=4.3/1, mb(NEIS)=4.6							
STATIONS USED=20, STAND DEV=0.96 SEC							
KMI	32.5	356	EP	09 04 35.5	1.7		
			ES	09 09 55.0	8.6		
			S _m E			5.0	0.3
GTA	33.9	3	PD	09 04 45.6	0.2		
WHN	39.0	13	P	09 05 29.5	0.7		
LSA	39.2	341	EP	09 05 30.8	0.0		
XAN	41.6	5	PC	09 05 49.4	- 0.5		
SSE	41.6	21	P	09 05 51.2	1.1		
NJ2	41.7	18	PD	09 05 52.0	1.2		
			AP	09 06 01.4	1.4		
			LN			Ms=4.3	10.0 0.2
TIA	45.1	14	EP	09 06 17.7	- 0.9		
GTA	46.9	354	P	09 06 33.5	0.4		
BJI	48.6	11	EP	09 06 45.0	- 0.7		
WMQ	53.4	344	P	09 07 21.0	- 1.2		
CN2	54.5	18	EP	09 07 28.4	- 2.2		
			AP	09 07 37.7	- 2.3		
1984 6 26							
O=13 56 18.4 +/- 0.12 SEC							
LAT=36.45 N +/- 1.26 KM							
LONG=70.65 E +/- 1.76 KM							
DEPTH=169 KM +/- 2.00 KM							
STATIONS USED=5, STAND DEV=1.46 SEC							
KSH	5.2	52	EP	13 57 35.7	0.6		
			S	13 58 35.5	1.2		
WMQ	15.0	55	EP	13 59 42.4	- 2.7		
GTA	23.1	73	EP	14 01 16.8	1.5		
1984 6 26							
O=14 48 46.0 +/- 0.04 SEC							
LAT=39.66 N +/- 1.06 KM							
LONG=21.29 E +/- 1.44 KM							
DEPTH=42 KM +/- 0.50 KM							
mb(NEIS)=4.4							
STATIONS USED=5, STAND DEV=0.61 SEC							
WMQ	48.5	62	PD	14 57 27.7	0.2		
LSA	57.0	76	EP	14 58 30.5	- 0.5		
GTA	58.6	62	P	14 58 41.3	- 0.6		
HHC	85.7	56	E(P)	14 59 28.2	- 1.1		
CN2	72.4	47	EP	15 00 10.6	0.0		
1984 6 26							

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
O=18 42 54.3 +/- 0.22 SEC LAT=4.91 N +/- 2.28 KM LONG=94.13 E +/- 1.55 KM DEPTH=33 KM +/- 0.32 KM mb(NEIS)=4.6 STATIONS USED=26, STAND DEV=1.19 SEC								1984 6 27 O=02 05 12.0 +/- 0.47 SEC LAT=41.44 N +/- 2.44 KM LONG=141.89 E +/- 2.24 KM DEPTH=73 KM +/- 3.90 KM mb(NEIS)=5.2 STATIONS USED=67, STAND DEV=1.47 SEC							
QZN	20.8	46	EP	18 47 35.8	0.5			NJ 2	72.9	62	EP	19 59 41.0	0.9		
KMI	21.7	21	PD	18 47 46.5	1.3						P _m Z			2.0	0.2
GYA	24.6	27	P	18 48 13.2	0.5						S	20 08 36.0	- 0.2		
LSA	24.8	353	EP	18 48 18.3	2.7						S _m N			4.0	0.3
GZH	25.9	43	EP	18 48 25.0	- 0.3						LN			12.0	0.4
CD2	27.4	18	EP	18 48 38.2	- 1.1										
WHN	31.8	34	EP	18 49 18.0	- 0.6										
XAN	32.1	23	P	18 49 18.6	- 2.3										
GTA	34.7	7	P	18 49 43.5	- 0.4										
NJ2	35.6	37	PD	18 49 51.0	0.1										
TIA	37.6	31	EP	18 50 08.2	- 0.2										
HHC	39.1	21	E(P)	18 50 20.8	0.5										
WMQ	39.2	352	EP	18 50 22.0	0.8										
BJI	40.2	26	EP	18 50 30.5	0.6										
CN2	47.5	30	EP	18 51 27.4	- 1.6										
1984 6 26 O=19 48 08.5 +/- 0.15 SEC LAT=38.98 N +/- 2.76 KM LONG=25.63 E +/- 1.63 KM DEPTH=14 KM +/- 0.28 KM M_s(CHINA)=4.8/2, mb(NEIS)=4.6 STATIONS USED=35, STAND DEV=2.15 SEC								MDJ 9.5 293 EP 02 07 28.5 0.1 S 02 09 19.0 4.2 LE 18.0 3.1 CN2 12.3 286 PU 02 08 04.0 - 1.8 P _m Z 3.0 0.3 ES 02 10 21.0 - 0.8 LE 14.0 2.2 SNY 13.7 277 IPU 02 08 24.5 0.9 XP 02 08 46.0 - 4.3 S 02 11 06.0 11.9 LE 32.0 3.6 DL2 15.7 267 P 02 08 50.4 1.3 P _m E 5.0 0.9 P _m Z 5.0 0.7 ES 02 11 46.0 5.6 LN 10.0 0.6 BJI 19.5 274 EP 02 09 32.0 - 2.6 P _m Z 4.0 0.3 ES 02 13 05.0 0.1 LN 11.0 0.3 LE 14.0 0.7 SSE 19.6 244 EP 02 09 34.0 - 1.3 AP 02 09 56.0 3.6 ES 02 13 08.0 1.8 SS 02 13 41.0 3.1 LN 12.0 0.9 TIA 20.0 262 EP 02 09 36.6 - 2.7 P _m N 4.5 0.4 P _m E 4.5 0.5 P _m Z 4.0 0.9 ES 02 13 14.5 0.6 LN 11.5 0.6 LE 11.0 0.5							
WMQ	45.9	63	PD	19 56 33.5	0.7										
			PCP	19 58 07.8	- 1.8										
			ES	20 03 19.0	2.7										
			SCS	20 06 29.0	4.0										
			LN			M _s =4.8	10.0 05								
LSA	53.9	78	EP	19 57 34.5	0.0										
GTA	55.9	64	EP	19 57 48.4	- 0.7										
LZH	60.2	65	EP	19 58 21.0	1.4										
			P _m Z				2.0 0.06								
BTO	62.3	58	EP	19 58 33.2	- 0.6										
CD2	62.7	71	P	19 58 35.4	- 0.9										
HHC	63.3	57	P	19 58 38.9	- 0.9										
XAN	64.9	65	EP	19 58 48.6	- 1.7										
KMI	65.0	77	EP	19 58 49.5	- 2.0										
BJI	66.7	56	EP	19 59 01.5	- 0.4										
TIA	69.4	59	EP	19 59 17.4	- 1.4										
CN2	70.4	49	PC	19 59 24.0	- 0.8										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
NJ2	20.7	250	PU	02 09 44.0	- 2.4			LAT=70.71 N +/- 1.87 KM LONG=15.01 W +/- 1.85 KM DEPTH=11 KM +/- 0.37 KM Msz(NEIS)=4.4, mb(NEIS)=5.0 STATIONS USED=32, STAND DEV=1.89 SEC							
			P _m Z			4.5	0.3	WMQ	53.3	61	P	03 13 41.0	1.1		
			S	02 13 30.0	3.0			GTA	60.8	53	EP	03 14 31.2	- 1.9		
			SS	02 14 09.0	5.5			CN2	62.3	31	EP	03 14 42.0	- 1.3		
			LE			15.0	1.3	SNY	63.9	33	EP	03 14 52.4	- 1.3		
HHC	22.8	278	E(P)	02 10 07.8	0.1			BJI	64.1	39	EP	03 14 55.5	0.2		
			XP	02 10 35.0	- 4.1			LZH	65.0	51	EP	03 15 00.5	- 0.5		
			ES	02 14 15.0	8.9						P _m Z			2.5	0.08
			LE			12.0	0.5	LSA	67.4	64	EP	03 15 21.6	4.8		
TIY	23.0	270	EP	02 10 08.0	- 1.3			TIA	68.0	40	EP	03 15 19.4	- 0.8		
			LN			16.0	0.8	KMI	75.1	56	PD	03 16 02.5	- 0.2		
BTO	24.0	278	EP	02 10 17.6	- 1.7			1984 6 27 O=04 00 06.9 +/- 0.27 SEC LAT=19.21 S +/- 2.36 KM LONG=68.67 W +/- 1.47 KM DEPTH=68 KM +/- 2.43 KM mb(NEIS)=4.7 STATIONS USED=13, STAND DEV=2.52 SEC							
			S	02 14 33.0	6.1			NMQ	148.5	33	EPKP	04 19 50.6	2.0		
			LN			12.0	0.3	TIA	162.3	344	EPKP	04 20 09.0	2.3		
			LE			12.0	0.9	1984 6 27 O=05 26 46.5 +/- 0.20 SEC LAT=2.50 N +/- 3.01 KM LONG=127.68 E +/- 5.07 KM DEPTH=32 KM +/- 0.54 KM Msz(NEIS)=4.0, mb(NEIS)=5.1 STATIONS USED=35, STAND DEV=2.88 SEC							
WHN	24.7	252	E(P)	02 10 26.5	0.6			NJ2	30.5	345	EP	05 33 02.0	2.3		
XAN	27.0	264	EP	02 10 46.0	- 1.3			GYA	31.2	321	P	05 33 09.0	3.3		
LZH	30.0	272	EP	02 11 12.8	- 1.5			KMI	32.9	315	EP	05 33 20.5	- 0.2		
			P _m Z			1.3	0.02	TIA	34.9	345	EP	05 33 39.1	1.2		
GTA	31.9	280	EP	02 11 30.4	- 0.5						EPCP	05 36 13.9	4.2		
			LN			15.0	0.3	CD2	36.2	323	EP	05 33 47.7	- 0.9		
CD2	32.3	263	EP	02 11 34.3	- 0.2			DL2	36.7	352	EP	05 33 51.0	- 1.4		
GYA	32.6	253	P	02 11 39.0	2.0			TIY	37.7	340	EP	05 34 02.8	1.2		
			S	02 16 48.0	3.1			BJI	38.8	345	EP	05 34 12.0	1.6		
KMI	36.2	255	PR	02 12 09.5	1.3			SNY	39.3	355	EP	05 34 13.3	- 1.5		
			ES	02 17 46.0	4.7			LZH	40.0	329	EP	05 34 19.5	- 1.4		
			LN			12.0	0.4				P _m Z			1.8	0.05
WMQ	39.3	292	PC	02 12 35.0	0.8			HHC	40.9	341	EP	05 34 31.0	3.4		
			P _m Z			1.5	0.1	CN2	41.2	357	EP	05 34 34.0	3.9		
			ES	02 18 30.5	1.8			1984 6 27 O=03 04 18.1 +/- 0.13 SEC							
LSA	42.4	270	EP	02 13 01.6	2.2										
1984 6 27 O=02 55 19.6 +/- 0.03 SEC LAT=70.95 N +/- 1.25 KM LONG=15.69 W +/- 1.84 KM DEPTH=16 KM +/- 0.26 KM Msz(NEIS)=3.9, mb(NEIS)=4.6 STATIONS USED=4, STAND DEV=0.64 SEC															
WMQ	53.4	61	P	03 04 42.5	0.7										
GTA	60.9	53	EP	03 05 33.6	- 1.0										
CN2	62.2	30	EP	03 05 44.0	0.3										
TIA	68.0	39	EP	03 06 21.2	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
MDJ	42.0	2	EP	05 34 36.0	- 0.7			1984 6 27							
LSA	44.0	311	PD	05 34 53.8	0.5			O=12 32 20.9 +/- - 0.33 SEC							
GTA	44.6	328	P	05 34 58.8	0.4			LAT=5.37 S +/- - 1.60 KM							
WMQ	54.3	325	EP	05 36 12.0	- 0.4			LONG=102.83 E +/- - 1.62 KM							
1984 6 27								DEPTH=80 KM +/- - 2.72 KM							
O=08 45 03.7 +/- - 0.22 SEC								mb(NEIS)=5.2							
LAT=21.14 N +/- - 3.33 KM								STATIONS USED=51, STAND DEV=0.95 SEC							
LONG=120.24 E +/- - 2.74 KM								QZN 25.2 15 EP 12 37 43.2 2.2							
DEPTH=20 KM +/- - 1.06 KM								KMI 30.3 359 EP 12 38 28.0 0.6							
Ms(CHINA)=4.1/9, ML(CHINA)=3.5/4								GYA 31.9 6 P 12 38 41.0 0.1							
STATIONS USED=38, STAND DEV=2.99 SEC								CD2 36.1 1 EP 12 39 16.6 - 0.6							
QZH	4.1	338	EPN	08 46 05.2	- 1.5			LSA 36.6 342 PC 12 39 22.5 0.3							
			ESN	08 46 51.9	- 2.8			XAN 39.6 7 P 12 39 45.7 - 0.9							
			S _m N	ML=3.4		1.0	0.08	NJ2 40.2 21 EP 12 39 53.0 1.4							
			S _m E			1.0	0.07	LN 13.0 0.4							
			LE	Ms=3.7		12.0	1.7	SSE 40.3 24 P 12 39 53.7 1.7							
GZH	6.7	288	IPND	08 46 40.6	- 3.0			LN 12.0 0.6							
			SN	08 47 54.0	- 6.2			LZH 41.2 1 EP 12 40 00.5 0.3							
			LN	Ms=3.8		14.0	0.9	P _m Z 1.4 0.1							
			LE			13.0	0.5	TIA 43.5 16 EP 12 40 17.6 - 0.7							
SSE	9.9	4	E(P)	08 47 27.5	- 1.5			TIY 43.8 11 EP 12 40 21.2 0.4							
			ES	08 49 19.0	- 2.5			LN 16.0 1.1							
			LN	Ms=4.2		12.0	1.5	GTA 44.6 356 IPC 12 40 28.5 0.7							
QZN	10.0	259	EP	08 47 31.9	2.2			LN 17.0 0.7							
TIA	15.3	350	EP	08 48 39.9	- 0.2			BTO 46.2 7 EP 12 40 40.9 0.6							
			LN	Ms=4.3		15.0	1.0	HHC 46.7 9 P 12 40 45.0 1.0							
			LE			11.0	0.7	BJI 46.8 14 EP 12 40 45.5 0.6							
XAN	16.3	324	EP	08 48 55.8	2.4			LN 18.0 0.7							
			LN	Ms=4.1		10.5	0.6	SNY 50.6 20 EP 12 41 13.6 - 0.9							
KMI	16.6	287	EP	08 48 57.0	- 0.3			WMQ 50.8 345 PC 12 41 16.0 0.0							
CD2	17.7	306	EP	08 49 12.0	0.8			P _m Z 1.5 0.1							
			ES	08 52 34.0	7.8			ES 12 48 31.0 6.0							
			LE	Ms=4.2		11.0	0.8	KSH 51.0 333 EP 12 41 17.0 - 0.5							
DL2	17.7	3	EP	08 49 11.6	0.0			CN2 53.0 20 PC 12 41 31.0 - 1.4							
BJI	19.2	350	EP	08 49 29.0	0.1			P _m Z 3.0 0.2							
LZH	20.7	319	EP	08 49 44.5	- 1.0			ES 12 48 58.0 3.1							
			P _m Z			2.3	0.07	ESS 12 52 37.0 4.4							
SNY	20.8	7	EP	08 49 44.4	- 2.4			LN 14.0 0.5							
CN2	23.0	9	EP	08 50 08.0	- 0.8			MDJ 55.3 23 EP 12 41 47.0 - 1.7							
			ES	08 54 12.0	- 2.4			1984 6 27							
			LN	Ms=4.2		12.0	0.3	O=14 28 11.0 +/- - 0.10 SEC							
			LE			12.0	0.4	LAT=11.49 S +/- - 1.09 KM							
MDJ	24.7	16	EP	08 50 24.3	- 0.5			LONG=119.89 E +/- - 2.07 KM							
GTA	25.3	320	EP	08 50 32.4	1.7			DEPTH=32 KM +/- - 0.57 KM							
								mb(NEIS)=5.0							

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
STATIONS USED=14, STAND DEV=1.47 SEC																
NJ2	43.3	358	PC	14 36 13.2	1.2											
CD2	44.9	340	P	14 36 26.0	1.0											
LSA	49.4	326	EP	14 37 02.3	1.3											
BJI	51.4	356	EP	14 37 15.0	- 0.2											
SNY	53.2	3	EP	14 37 26.2	- 2.4											
GTA	54.0	340	PD	14 37 35.6	0.8											
WMQ	62.4	334	EP	14 38 33.0	- 0.5											
1984 6 27																
				O=15 05 22.3	+/- 1.11 SEC											
				LAT=11.57 S	+/- 1.86 KM											
				LONG=120.10 E	+/- 2.72 KM											
				DEPTH=7 KM	+/- 8.00 KM											
				mb(NEIS)=5.3												
STATIONS USED=28, STAND DEV=1.32 SEC																
GYA	40.0	341	P	15 13 01.0	1.1											
KMI	40.2	335	EP	15 13 04.0	2.2											
SSE	42.4	1	EP	15 13 20.5	0.7											
NJ2	43.4	358	PC	15 13 29.0	1.4											
CD2	45.1	340	P	15 13 41.0	- 0.2											
XAN	46.6	347	P	15 13 51.5	- 1.8											
LSA	49.6	326	P	15 14 18.4	1.0											
BJI	51.5	356	EP	15 14 30.5	- 0.5											
SNY	53.2	3	EP	15 14 41.6	- 2.5											
GTA	54.1	340	IPD	15 14 51.5	0.6											
CN2	55.3	4	EP	15 14 57.0	- 2.5											
MDJ	56.6	8	EP	15 15 07.2	- 1.4											
WMQ	62.5	334	PD	15 15 50.0	0.3											
1984 6 27																
				O=16 06 51.0	+/- 0.32 SEC											
				LAT=5.38 S	+/- 1.23 KM											
				LONG=102.85 E	+/- 1.82 KM											
				DEPTH=64 KM	+/- 2.85 KM											
				mb(NEIS)=4.9												
STATIONS USED=22, STAND DEV=0.65 SEC																
KMI	30.3	359	EP	16 12 59.5	0.3											
GYA	31.9	6	EP	16 13 13.0	0.3											
CD2	36.1	1	EP	16 13 48.2	- 0.7											
LSA	36.6	342	P	16 13 54.1	0.1											
GTA	44.7	356	P	16 15 00.0	0.4											
HHC	46.7	9	EP	16 15 16.8	1.0											
BJI	46.8	14	EP	16 15 17.0	0.3											
WMQ	50.8	345	PD	16 15 48.0	0.1											
				P _m Z	2.0 0.05											
								STATIONS USED=15, STAND DEV=1.49 SEC CN2 14.2 306 EP 17 22 56.8 - 2.2 ES 17 25 34.0 - 1.0 SNY 14.8 297 EP 17 23 06.0 - 0.3 XAN 26.5 274 P 17 25 11.3 0.0 GYA 31.0 261 P 17 25 52.0 0.1 CD2 31.6 271 (P) 17 25 57.0 0.2 GTA 32.7 288 P 17 26 07.5 1.0 KMI 34.8 262 EP 17 26 25.0 0.5 1984 6 27 O=17 19 40.1 +/- 0.89 SEC LAT=36.34 N +/- 2.96 KM LONG=141.32 E +/- 6.42 KM DEPTH=51 KM +/- 4.44 KM mb(NEIS)=4.5								
								STATIONS USED=22, STAND DEV=1.57 SEC GYA 39.9 341 P 19 56 36.4 1.3 KMI 40.1 335 EP 19 56 40.0 3.1 ES 20 02 49.0 6.8 S _m N 6.0 0.3 NJ2 43.3 358 PC 19 57 04.0 1.0 CD2 45.0 340 P 19 57 17.1 0.7 XAN 46.5 347 EP 19 57 27.9 - 0.6 LSA 49.5 326 EP 19 57 53.8 1.3 BJI 51.4 356 EP 19 58 05.5 - 0.8 SNY 53.2 3 EP 19 58 18.0 - 1.5 GTA 54.1 340 P 19 58 27.0 0.9 CN2 55.3 4 EP 19 58 33.5 - 1.4 MDJ 56.5 8 EP 19 58 42.5 - 1.5 WMQ 62.5 334 P 19 59 25.2 0.3 1984 6 27 O=19 52 48.0 +/- 0.25 SEC LAT=11.60 S +/- 1.98 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							
LONG=119.88 E +/- 1.57 KM DEPTH=55 KM +/- 3.15 KM STATIONS USED=12, STAND DEV=1.62 SEC								KMI 27.2 314 PD 21 05 08.5 - 0.4 TIA 29.9 348 EP 21 05 31.1 - 1.4 XAN 30.4 334 EP 21 05 33.5 - 3.8 CD2 30.5 324 EP 21 05 36.2 - 1.9 BJI 33.8 349 EP 21 06 05.0 - 1.6 SNY 34.8 359 EP 21 06 15.7 0.0 CN2 36.8 1 EP 21 06 30.6 - 2.0 MDJ 37.9 6 EP 21 06 41.5 - 0.4 LSA 38.3 310 EP 21 06 49.5 4.1 GTA 39.0 329 P 21 06 51.1 0.1 WMQ 48.6 325 EP 21 08 07.7 - 0.4														
1984 6 27 O=19 56 29.7 +/- 0.09 SEC LAT=11.62 S +/- 1.08 KM LONG=119.80 E +/- 1.50 KM DEPTH=34 KM +/- 0.19 KM Ms(CHINA) = 4.4/1 STATIONS USED=18, STAND DEV=1.31 SEC								1984 6 27 O=22 10 23.2 +/- 0.13 SEC LAT=19.86 S +/- 3.44 KM LONG=174.64 W +/- 6.39 KM DEPTH=273 KM +/- 3.87 KM mb(NEIS) = 4.7 STATIONS USED=7, STAND DEV=0.22 SEC														
GYA	40.0	341	P	20 00 21.0	1.7			MDJ	81.8	323	EP	22 22 14.0	- 0.1									
CD2	45.0	340	P	20 01 01.3	0.8			CN2	83.7	320	PD	22 22 23.5	- 0.3									
XAN	46.6	347	EP	20 01 11.5	- 1.3			BJI	87.7	314	(P)	22 22 43.0	0.1									
BJI	51.5	356	(P)	20 01 50.0	- 0.7			XAN	90.3	306	P	22 22 54.8	- 0.3									
GTA	54.1	340	P	20 02 11.3	1.1			KMI	91.9	295	PC	22 23 03.0	0.2									
CN2	55.4	4	EP	20 02 15.5	- 3.9			1984 6 28 O=02 33 31.6 +/- 0.20 SEC LAT=18.35 S +/- 2.65 KM LONG=177.33 E +/- 2.18 KM DEPTH=8 KM +/- 0.68 KM Msz(NEIS) = 5.4, mb(NEIS) = 5.0 STATIONS USED=21, STAND DEV=2.11 SEC														
1984 6 27 O=20 59 27.5 +/- 0.44 SEC LAT=6.85 N +/- 2.52 KM LONG=123.93 E +/- 3.42 KM DEPTH=54 KM +/- 4.31 KM Ms(CHINA) = 4.3/4, Msz(NEIS) = 4.2, mb(NEIS) = 4.8 STATIONS USED=34, STAND DEV=2.07 SEC								CN2	78.0	324	PD	02 45 32.0	- 0.7		1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC							
NJ2	43.4	358	EP	20 04 31.0	- 0.5			BJI	81.3	317	(P)	02 45 51.0	0.3									
			LN		Ms = 4.4	15.0	0.4	TIY	82.6	313	EP	02 46 00.6	3.0									
CD2	45.0	340	P	20 04 45.5	1.3			KMI	84.5	298	EP	02 46 07.5	0.3									
XAN	46.6	347	EP	20 04 55.0	- 1.6			GTA	92.2	310	EP	02 46 45.0	0.7									
LSA	49.5	326	EP	20 05 21.5	1.7			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
BJI	51.5	356	EP	20 05 33.0	- 1.6			LSA	7.9	125	P	10 21 33.1	- 1.2									
GTA	54.1	340	P	20 05 54.5	0.6			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
WMQ	62.4	334	P	20 06 52.7	0.3			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
1984 6 27 O=20 59 27.5 +/- 0.44 SEC LAT=6.85 N +/- 2.52 KM LONG=123.93 E +/- 3.42 KM DEPTH=54 KM +/- 4.31 KM Ms(CHINA) = 4.3/4, Msz(NEIS) = 4.2, mb(NEIS) = 4.8 STATIONS USED=34, STAND DEV=2.07 SEC								1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
QZN	18.3	312	EP	21 03 36.0	- 3.1			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			ES	21 07 02.0	3.8			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			LN		Ms = 4.3	13.0	0.6	1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			LE			14.0	0.9	1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
QZH	18.7	344	EP	21 03 46.0	1.9			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			ES	21 07 16.5	9.0			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			LN		Ms = 3.9	16.0	0.5	1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
GZH	19.1	328	EP	21 03 49.0	0.4			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
SSE	24.3	354	EP	21 04 41.5	0.7			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			EXS	21 09 11.0	- 3.9			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
			LN		Ms = 4.3	12.0	0.6	1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														
WHN	25.2	340	P	21 04 51.0	0.8			1984 6 28 O=10 19 38.6 +/- 0.22 SEC LAT=34.49 N +/- 2.05 KM LONG=83.75 E +/- 2.09 KM DEPTH=40 KM +/- 0.41 KM Ms(CHINA) = 4.4/2 STATIONS USED=10, STAND DEV=2.14 SEC														

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
KSH	7.9	310	EP	10 21 36.0	- 1.2						S _m E			8.0	0.7	
			LN		Ms = 4.5	11.0	3.8				LN		Ms = 5.4	16.0	1.3	
WMQ	9.8	17	EP	10 22 01.5	1.1						LE			20.0	2.5	
GTA	13.7	64	EP	10 22 55.6	1.1			TIA	56.1	326	EP	11 29 23.2	- 3.4			
			LN		Ms = 4.2	12.0	1.1				EPCP	11 30 21.5	- 2.2			
CD2	17.2	96	EP	10 23 40.2	2.2						ES	11 37 04.5	- 7.6			
KMI	18.9	114	EP	10 23 56.0	- 3.2						LN		Ms = 5.5	20.0	3.1	
XAN	20.8	84	EP	10 24 18.2	- 1.1						LE			17.0	1.9	
GYA	21.3	105	P	10 24 26.0	1.7			GYA	56.6	310	P	11 29 32.0	1.2			
BTO	21.7	65	EP	10 24 29.0	0.9						S	11 37 27.0	7.1			
1984 6 28																
O=11 19 47.3 +/- 0.85 SEC																
LAT=9.60 S +/- 1.73 KM																
LONG=151.82 E +/- 1.94 KM																
DEPTH=29 KM +/- 5.54 KM																
Ms(CHINA) = 5.3/23, Msz(NEIS) = 5.6, mb(NEIS) = 5.5																
STATIONS USED=87, STAND DE = 1.32 SEC																
QZH	47.2	317	EP	11 28 21.0	1.2						MDJ	57.6	341	EP	11 29 37.0	- 0.5
			SCP	11 33 39.0	- 2.1						S	11 37 34.0	1.8			
			ES	11 35 10.0	- 0.3						CN2	58.3	337	PC	11 29 42.5	0.0
			S _m N			10.0	0.4				P _m Z				4.0	0.6
			LN		Ms = 5.1	16.0	1.0	KMI	59.0	306	PD	11 29 47.5	0.2			
			LE			15.0	1.4				S	11 37 57.0	6.3			
GZH	49.7	311	EP	11 28 40.5	1.0						S _m N			10.0	0.7	
			S	11 35 50.0	4.2						LN		Ms = 5.3	18.0	2.3	
			LN		Ms = 5.3	15.0	2.1	BJI	59.4	328	EP	11 29 49.5	- 0.6			
SSE	50.0	325	EP	11 28 42.5	0.9						P _m N			4.0	0.2	
			AP	11 28 54.0	3.7						P _m E			4.0	0.2	
			PP	11 30 42.0	5.2						P _m Z			4.0	0.5	
			ES	11 35 51.0	1.4						ES	11 37 55.0	- 0.8			
			LN		Ms = 5.5	16.0	2.2				S _m E			9.0	0.3	
			LE			16.0	2.7				LN		Ms = 5.3	19.0	2.1	
QZN	50.2	304	EP	11 28 44.0	0.8			XAN	59.5	319	PC	11 29 49.9	- 0.9			
			AP	11 28 55.0	3.1						AP	11 29 59.9	0.3			
			ES	11 35 55.0	2.4						S	11 37 59.0	1.7			
			LN		Ms = 5.1	13.0	0.7				LN		Ms = 5.4	9.0	6.8	
			LE			16.0	1.0	TIY	59.8	324	P	11 29 53.5	0.8			
NJ2	52.0	324	EP	11 28 57.2	0.2						S	11 38 04.0	3.2			
			S	11 36 23.0	5.2						LN		Ms = 5.7	20.0	4.1	
			S _m N			9.0	0.4				LE			22.0	5.2	
			S _m E			9.0	0.6				CD2	61.2	313	P	11 30 02.6	0.2
			LE		Ms = 5.2	15.0	1.6				S	11 38 22.0	2.9			
WHN	53.7	319	P	11 29 09.6	0.0						LN			2.4	4.4	
DL2	55.8	331	EP	11 29 24.5	- 0.5			HHC	62.4	326	EP	11 30 10.0	- 0.7			
			S	11 37 05.0	- 4.2						S	11 38 40.0	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
			LN		Ms = 5.2	13.0	0.7	TIY	17.0	314	EP	12 07 12.0	1.3		
			LE			13.0	0.9				LN			14.0	0.6
BTO	63.1	325	P	11 30 15.0	- 0.3			CN2	17.3	354	PC	12 07 13.0	- 0.7		
			S	11 38 38.0	- 5.2			XAN	17.9	299	EP	12 07 20.3	- 0.4		
			LN		Ms = 5.3	15.0	1.1	MDJ	18.1	4	EP	12 07 22.0	- 1.3		
			LE			15.0	0.9	GYA	18.9	274	P	12 07 33.2	0.8		
LZH	64.0	317	EP	11 30 22.0	0.5			HHC	19.5	320	P	12 07 39.4	- 0.6		
			P _m Z			3.0	0.07	BTO	20.3	318	EP	12 07 49.0	1.3		
			ES	11 39 00.5	5.3			CD2	21.5	287	EP	12 07 58.3	- 1.2		
			S _m E			7.0	0.7	KMI	22.5	271	EP	12 08 10.5	0.2		
			LN		Ms = 5.1	11.0	0.8	GTA	26.6	305	P	12 08 47.5	- 1.2		
GTA	68.6	319	P	11 30 50.5	0.3			LSA	32.3	284	EP	12 09 40.7	0.4		
			P _m Z			5.0	0.6	WMQ	36.6	308	EP	12 10 15.3	- 0.8		
			S	11 39 55.0	5.1						ESCP	12 16 23.5	7.9		
			S _m E			6.5	0.6								
			LN		Ms = 4.9	15.0	0.6								
LSA	70.2	306	P	11 31 00.8	0.1			1984 6 28							
			S	11 40 15.6	5.7			O = 19 51 24.8 +/- - 0.41 SEC							
			PD	11 31 49.5	0.4			LAT = 3.02 N +/- - 1.25 KM							
WMQ	78.6	318	S	11 41 49.1	5.7			LONG = 126.54 E +/- - 1.87 KM							
			S _m N			4.0	0.3	DEPTH = 74 KM +/- - 3.82 KM							
			LN		Ms = 5.0	24.0	0.8	mb(NEIS) = 5.5							
KSH	85.3	311	EP	11 32 23.0	- 0.8			STATIONS USED = 96, STAND DEV = 1.13 SEC							
								QZN	22.8	315	IPU	19 56 22.0	- 0.3		
											P _m N			6.5	1.6
											P _m E			6.0	1.7
											P _m Z			6.0	3.5
											PP	19 56 55.5	1.5		
											S	20 00 24.0	2.0		
											S _m N			11.0	3.8
											S _m E			12.0	4.8
											XS	20 00 47.0	- 2.5		
											SS	20 01 00.0	- 9.4		
											LN			13.0	2.0
											LE			13.0	3.2
								QZH	23.1	341	IPC	19 56 24.0	- 1.2		
											P _m N			6.0	1.3
											AP	19 56 37.5	- 4.1		
											PP	19 56 55.0	- 3.2		
											PP _m Z			3.5	2.7
											S	20 00 26.0	- 1.3		
											S _m N			10.0	2.8
											SS	20 01 15.0	- 1.7		
											LN			25.0	31.5
								GZH	23.7	328	IPU	19 56 31.6	0.7		
											P _m Z			5.5	3.9
											AP	19 56 50.0	2.7		

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			S	20 00 40.0	2.5						LE			11.0	1.6
			S _m N			8.0	5.8	CD2	35.1	324	P	19 58 13.1	- 0.3		
			S _m E			7.0	4.0				S	20 03 39.0	- 1.3		
			LN			19.0	9.0				LN			16.0	7.5
			LE			17.0	3.5	DL2	36.0	353	IPC	19 58 22.0	1.0		
SSE	28.4	350	PU	19 57 15.0	0.4						XP	19 58 44.0	- 3.3		
			P _m Z			6.0	2.1				PP	19 59 40.0	- 3.4		
			AP	19 57 36.0	4.6						S	20 03 54.0	0.1		
			S	20 01 54.0	- 0.9						SCS	20 08 35.5	7.1		
			SCP	20 04 02.0	3.7						LN			16.0	4.1
			LN			15.0	4.3				LE			16.0	4.1
			LE			15.0	2.6	TI Y	36.9	341	EP	19 58 28.2	- 0.2		
WHN	29.7	338	P	19 57 26.6	0.2						P _m Z			6.0	1.1
			AP	19 57 46.5	3.1						AP	19 58 42.0	- 3.8		
			S	20 02 17.0	1.1						PP	20 00 02.5	7.9		
NJ2	29.8	346	I PU	19 57 27.0	0.0						P _m Z			11.0	2.2
			P _m Z			6.0	1.1				PCP	20 00 45.5	- 3.0		
			AP	19 57 47.0	3.0						S	20 04 06.5	- 1.0		
			S	20 02 16.0	- 1.0						XS	20 04 35.5	- 1.9		
			LE			16.0	5.5				SCS	20 08 31.5	- 1.8		
GYA	30.1	322	PU	19 57 30.0	- 0.1			BJI	38.0	347	EPU	19 58 38.0	0.0		
			P _m Z			3.0	1.3				P _m N			5.0	1.0
			XP	19 57 53.0	- 3.1						P _m E			5.0	0.3
			LN			14.0	3.1				P _m Z			5.0	1.5
			LE			14.0	3.1				S	20 04 25.0	0.1		
KMI	31.7	315	PU	19 57 45.0	0.3						S _m N			9.0	1.4
			P _m Z			4.0	1.4				SCS	20 08 47.5	7.7		
			AP	19 58 00.0	- 1.5						LN			18.0	4.5
			PP	19 58 50.5	- 0.8						LE			21.0	3.7
			ES	20 02 45.0	- 3.5						SNY	19 58 45.0	1.2		
			LN			16.0	5.0				P _m Z			4.5	3.5
TIA	34.2	346	EP	19 58 04.7	- 0.6						XP	19 59 07.0	- 3.3		
			P _m N			6.0	0.9				PP	20 00 15.0	- 1.8		
			P _m E			5.0	0.6				S	20 04 41.0	5.5		
			P _m Z			5.0	1.6				S _m N			6.5	2.6
			AP	19 58 23.5	0.9						S _m E			7.0	2.5
			S	20 03 25.0	- 0.6						LN			30.0	7.5
			S _m N			11.0	1.9				LE			29.0	9.3
			PCS	20 04 22.5	- 3.0						LZH	19 58 46.5	0.1		
			ESCS	20 08 23.4	4.9						P _m Z			6.0	1.4
			LN			19.0	7.7				ES	20 04 41.0	0.8		
			LE			16.0	1.6				S _m E			9.0	1.1
XAN	35.0	333	EP	19 58 09.9	- 2.3						LN			11.0	2.2
			AP	19 58 32.0	2.4						LE			11.0	1.7
			S	20 03 34.4	- 3.7						HHC	19 58 55.0	0.4		
			LN			20.5	1.1				PC				

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	20 04 50.0	- 5.0			Ms(CHINA) = 4.6/10, Msz(NEIS) = 4.4, mb(NEIS) = 5.4							
BTO	40.3	340	P	19 58 54.0	- 2.8			STATIONS USED = 87, STAND DEV = 1.10 SEC							
			S	20 04 50.0	- 9.0			QZN	22.8	315	P	00 31 11.2	0.9		
			LN			28.0	16.1				ES	00 35 17.0	5.9		
			LE			28.0	17.2				LN		Ms = 4.6	15.0	1.2
CN2	40.6	358	IPU	19 59 00.0	0.5						LE			15.0	1.1
			P _m N			6.5	0.9	QZH	23.2	341	P	00 31 12.8	- 0.6		
			P _m Z			6.5	1.7				AP	00 31 28.5	1.1		
			AP	19 59 15.0	- 2.1						XP	00 31 39.0	4.1		
			EPP	20 00 34.0	- 2.9						ES	00 35 18.0	1.1		
			PP _m Z			6.0	1.3				S _m N			8.0	0.4
			ES	20 05 03.0	- 0.9						S _m E			6.0	0.2
			S _m N			8.0	1.4				LN		Ms = 4.7	24.0	3.0
			S _m E			8.0	1.4	GZH	23.7	328	IPD	00 31 20.0	1.0		
			ISCS	20 09 02.0	7.1			SSE	28.4	350	P	00 32 03.5	0.6		
			LE			18.0	3.0				AP	00 32 20.0	2.8		
MDJ	41.5	3	IPC	19 59 08.3	1.5						ES	00 36 46.0	1.4		
			AP	19 59 22.0	- 2.4			WHN	29.8	338	PD	00 32 14.7	0.1		
			S	20 05 17.0	- 0.1						AP	00 32 28.0	- 1.1		
LSA	42.8	312	PU	19 59 18.3	0.7			NJ2	29.8	346	PC	00 32 15.3	0.0		
			PP	20 01 02.6	3.4						AP	00 32 32.3	2.6		
			PCS	20 05 01.8	3.6						ES	00 37 06.0	- 0.7		
			S	20 05 39.8	3.4						LE		Ms = 4.2	13.0	0.4
			XS	20 06 03.8	- 2.1			GYA	30.1	322	P	00 32 18.4	0.2		
GTA	43.6	329	IPC	19 59 24.2	0.1						PCP	00 35 19.4	2.0		
			P _m Z			6.0	0.7	KMI	31.8	316	EP	00 32 33.0	0.3		
			XP	19 59 46.0	- 4.5						ES	00 37 41.0	3.2		
			PP	20 01 11.2	3.6						SCP	00 38 56.0	- 2.3		
			ES	20 05 48.0	0.0						PCS	00 39 03.5	- 1.5		
			SCS	20 09 19.0	6.0						LE		Ms = 4.4	14.0	0.6
			LN			21.0	10.7	TIA	34.2	346	PC	00 32 52.5	- 1.1		
WMQ	53.2	325	PC	20 00 37.3	- 1.1						PCP	00 35 30.3	1.8		
			AP	20 00 58.2	1.8						ES	00 38 12.0	- 3.3		
			PP	20 02 38.5	- 1.9						SCP	00 39 10.5	3.7		
			S	20 08 02.6	0.2						LN		Ms = 4.9	26.0	2.9
			LN			22.0	9.0	XAN	35.0	334	PC	00 32 59.5	- 1.0		
			LE			22.0	3.5	CD2	35.1	324	P	00 33 00.9	- 0.7		
KSH	58.4	315	PU	20 01 15.5	- 0.1						P _m E			1.1	0.2
			ES	20 09 03.0	- 8.4						ES	00 38 29.0	- 0.7		
			LE			18.0	3.6				LE		Ms = 4.7	32.0	2.4
								DL2	36.1	353	IPU	00 33 10.0	0.7		
											P _m N			1.5	0.5
											P _m Z			1.5	0.8
											SCS	00 43 22.0	4.4		
								TIY	36.9	341	EP	00 33 16.5	- 0.2		
											LN		Ms = 4.8	21.0	1.8

1984 6 29

O = 00 26 11.3 +/- 0.29 SEC

LAT = 2.96 N +/- 1.09 KM

LONG = 126.51 E +/- 1.83 KM

DEPTH = 60 KM +/- 2.71 KM

June

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	38.1	347	EP	00 33 26.0	- 0.3			KMI	37.7	259	EP	02 32 28.5	1.0			
SNY	38.8	356	IPU	00 33 33.3	1.1						ES	02 38 08.0	- 8.5			
			P _m Z			3.0	0.7	WMQ	41.5	294	EP	02 33 00.0	1.5			
			XP	00 33 59.0	4.6			1984 6 29								
			S	00 39 25.0	- 0.4			O=04 28 53.7	+/- 0.38 SEC							
			LN	Ms = 4.7		28.0	1.0	LAT=20.91 S	+/- 1.44 KM							
			LE			28.0	1.0	LONG=173.22 W	+/- 1.52 KM							
LZH	39.1	330	IPC	00 33 34.5	- 0.1			DEPTH=56 KM	+/- 3.16 KM							
			P _m Z			1.5	0.4	mb(NEIS) = 5.4								
HHC	40.1	342	EP	00 33 43.0	0.1			STATIONS USED=36, STAND DEV=0.90 SEC								
BTO	40.3	340	EP	00 33 44.0	- 1.1			MDJ	83.5	322	EP	04 41 17.5	0.0			
CN2	40.7	358	PC	00 33 47.8	- 0.1			NJ2	83.6	307	EP	04 41 17.2	- 1.0			
			P _m Z			3.0	0.3	CN2	85.4	320	PC	04 41 26.8	- 0.3			
			AP	00 34 05.8	3.0			TIA	86.9	310	PC	04 41 34.7	0.3			
			PP	00 35 24.0	- 1.1			BJI	89.4	313	EP	04 41 46.0	- 0.2			
			S	00 39 54.0	0.2			GYA	90.8	297	P	04 41 54.4	1.5			
			LN	Ms = 4.5		15.0	0.5	XAN	92.0	305	P	04 41 59.0	0.6			
MDJ	41.6	3	PC	00 33 56.5	1.2			KMI	93.5	295	EP	04 42 07.0	1.2			
			S	00 40 09.0	2.0			1984 6 29								
LSA	42.8	312	EP	00 34 06.6	0.9			O=06 45 37.8	+/- 0.22 SEC							
GTA	43.6	329	IPC	00 34 12.4	0.1			LAT=51.86 N	+/- 2.53 KM							
			ES	00 40 38.0	0.4			LONG=177.17 E	+/- 1.13 KM							
			SCS	00 44 08.4	6.3			DEPTH=74 KM	+/- 2.01 KM							
			LN	Ms = 4.6		17.0	0.7	mb(NEIS) = 4.9								
WMQ	53.2	325	PC	00 35 25.5	- 1.0			STATIONS USED=44, STAND DEV=1.08 SEC								
KSH	58.4	315	PU	00 36 04.0	0.2			MDJ	32.0	276	EP	06 51 56.0	- 3.9			
			ES	00 44 03.0	2.1			CN2	35.0	277	PD	06 52 24.4	- 1.1			
1984 6 29																
O=02 25 11.3	+/- 0.09 SEC															
LAT=40.27 N	+/- 2.78 KM															
LONG=144.26 E	+/- 1.98 KM															
DEPTH=24 KM	+/- 0.80 KM															
Ms(CHINA) = 3.9/2, mb(NEIS) = 4.6																
STATIONS USED=37, STAND DEV=1.70 SEC																
MDJ	11.7	296	EP	02 28 00.8	1.1			WMQ	57.0	300	PC	06 55 18.3	- 0.3			
CN2	14.4	290	EP	02 28 35.4	- 0.8						ES	07 03 03.5	- 2.2			
SNY	15.7	282	EP	02 28 53.0	0.4			GYA	57.8	272	P	06 55 25.0	0.5			
DL2	17.5	272	EP	02 29 15.0	- 0.6			KMI	61.2	274	EP	06 55 47.0	- 0.9			
TIA	21.7	267	EP	02 30 00.0	- 2.4			1984 6 29								
NJ2	22.0	256	EP	02 30 05.0	- 1.2			O=07 52 02.8	+/- 0.18 SEC							
			LE	Ms = 3.8		15.0	0.3	LAT=4.76 S	+/- 1.63 KM							
WHN	26.1	257	EP	02 30 46.0	0.2			LONG=153.15 E	+/- 1.50 KM							
LZH	31.8	275	EP	02 31 37.0	- 0.3			DEPTH=93 KM	+/- 1.87 KM							
GTA	33.9	283	P	02 31 55.5	0.7											
GYA	34.0	257	P	02 31 56.0	- 0.1											

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
mb(NEIS) = 4.7															
STATIONS USED=19, STAND DEV=1.76 SEC															
TIA	52.9	323	EP	08 01 10.0	- 1.9			KMI	77.2	300	PC	10 50 47.5	0.2		
CN2	59.0	335	PC	08 01 20.8	- 2.2			HHC	77.6	318	PC	10 50 49.8	0.2		
			PCP	08 02 24.0	- 0.9			BTO	78.5	317	EP	10 50 54.8	0.3		
CD2	59.9	310	P	08 01 55.2	- 0.3			CD2	78.6	306	EP	10 50 55.1	- 0.1		
GTA	65.9	317	P	08 02 41.6	0.1			LZH	80.7	310	PD	10 51 07.0	0.4	1.5	0.1
								P _m Z							
								GTA							
								85.0 312 P 10 51 28.7 0.4							
								WMQ							
								95.0 313 EP 10 52 13.4 - 2.0							
1984 6 29								1984 6 29							
O=10 11 33.2 +/- 0.06 SEC								O=15 27 54.3 +/- 0.09 SEC							
LAT=4.28 S +/- 0.54 KM								LAT=12.79 S +/- 1.20 KM							
LONG=131.23 E +/- 1.63 KM								LONG=169.26 E +/- 1.10 KM							
DEPTH=46 KM +/- 0.59 KM								DEPTH=661 KM +/- 1.45 KM							
mb(NEIS) = 4.1								mb(NEIS) = 5.0							
STATIONS USED=10, STAND DEV=1.02 SEC								STATIONS USED=35, STAND DEV=0.86 SEC							
KMI	40.2	317	EP	10 19 09.5	1.5			NJ2	65.7	314	PC	15 37 38.8	0.5		
BJI	46.2	343	EP	10 19 55.0	- 1.2			MDJ	67.5	330	EP	15 37 48.8	- 0.7		
SNY	46.4	352	EP	10 19 56.9	- 0.8			CN2	69.0	327	PD	15 37 58.2	- 0.3		
GTA	52.2	329	EP	10 20 43.1	0.5			TIA	69.2	316	PC	15 37 59.7	0.1		
WMQ	61.8	325	PC	10 21 51.2	0.6			BJI	72.0	319	(P)	15 38 15.0	- 0.8		
1984 6 29								1984 6 29							
O=10 38 57.4 +/- 0.71 SEC								O=16 37 55.0 +/- 0.08 SEC							
LAT=14.26 S +/- 4.86 KM								LAT=34.51 N +/- 1.61 KM							
LONG=171.03 E +/- 3.74 KM								LONG=26.50 E +/- 1.22 KM							
DEPTH=62 KM +/- 6.96 KM								DEPTH=43 KM +/- 0.22 KM							
Ms(CHINA)=4.7/3, Msz(NEIS)=4.7, mb(NEIS)=5.1								Ms(CHINA)=4.4/1, mb(NEIS)=4.6							
STATIONS USED=42, STAND DEV=2.83 SEC								STATIONS USED=32, STAND DEV=0.97 SEC							
NJ2	67.9	313	EP	10 49 51.3	- 1.0			WMQ	47.4	59	EP	16 46 26.6	- 0.8		
MDJ	69.6	329	EP	10 50 01.5	- 1.4			LSA	54.2	75	PD	16 47 19.8	0.5		
DL2	70.2	320	EP	10 50 05.0	- 1.1			GTA	57.3	61	P	16 47 41.6	0.0		
WHN	70.4	310	P	10 50 06.0	- 1.4			CD2	63.6	69	EP	16 48 24.8	0.4		
SNY	70.9	324	EP	10 50 09.8	- 0.7			KMI	65.4	75	EP	16 48 36.0	- 0.4		
			S	10 59 18.0	- 2.1			GYA	67.9	72	P	16 48 52.0	0.0		
			LN	Ms = 4.6	20.0	0.3		BJI	68.6	55	(P)	16 48 56.5	0.3		
CN2	71.2	326	PD	10 50 10.8	- 1.4			TIA	71.1	58	PD	16 49 11.6	0.2		
			ES	10 59 14.0	- 9.6						LN	Ms = 4.4	36.0	0.3	
			LN	Ms = 4.8	14.0	0.4					LE	36.0	0.2		
TIA	71.5	316	EP	10 50 12.4	- 1.5			SNY	72.6	50	EP	16 49 19.6	- 1.0		
			ES	10 59 28.0	1.2			CN2	72.8	48	EP	16 49 21.4	- 0.2		
			LN	Ms = 4.7	46.0	0.5		1984 6 29							
			LE		36.0	0.6		O=17 45 25.8 +/- 0.08 SEC							
BJI	74.2	319	EP	10 50 29.0	- 1.2										
GYA	74.5	302	EP	10 50 31.0	- 0.8										
TIY	75.4	315	IPC	10 50 37.4	0.2										
XAN	76.1	310	EP	10 50 40.5	- 0.5										

June

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	
LAT=35.99 N +/- - 2.24 KM LONG=139.91 E +/- - 2.46 KM DEPTH=82 KM +/- - 2.58 KM mb(NEIS)=5.1 STATIONS USED=35, STAND DEV=1.66 SEC								1984 6 29 O=20 12 04.8 +/- - 0.34 SEC LAT=2.89 S +/- - 1.19 KM LONG=139.33 E +/- - 1.85 KM DEPTH=47 KM +/- - 3.91 KM mb(NEIS)=4.9 STATIONS USED=48, STAND DEV=1.14 SEC								
MDJ	11.7	320	EP	17 48 11.2	0.1			SSE	38.0	334	EP	20 19 20.0	- 0.1			
CN2	13.6	309	EP	17 48 34.8	- 1.3						P _m Z			1.0	0.03	
			LN			10.0	0.4	NJ2	39.8	332	PC	20 19 36.9	1.3			
SNY	14.0	299	EP	17 48 40.8	- 0.8			GYA	43.0	314	P	20 20 03.6	1.8			
			LN			24.0	0.8	TIA	44.1	333	PC	20 20 10.4	- 0.2			
DL2	14.8	286	EP	17 49 01.0	8.7			DL2	44.7	340	EP	20 20 15.0	- 0.3			
			LE			12.0	0.4	KMI	45.1	310	EP	20 20 20.0	1.0			
SSE	16.3	258	EP	17 49 08.1	- 3.7						ES	20 26 58.0	3.2			
			ES	17 52 18.0	7.9			XAN	46.6	324	EP	20 20 29.7	- 0.8			
NJ2	17.9	263	EP	17 49 32.0	1.2			SNY	46.7	343	EP	20 20 31.0	- 0.8			
			ES	17 52 50.0	5.3						ES	20 27 22.5	4.7			
			LN			9.0	0.2				LE		20.0	0.3		
TIA	18.4	277	EP	17 49 38.8	1.8			BJI	47.7	335	EP	20 20 39.0	- 0.3			
			ES	17 53 01.0	4.6			CD2	47.7	317	EP	20 20 39.8	0.3			
			S _m N			7.0	0.3	MDJ	48.1	350	PD	20 20 41.5	- 0.8			
			LN			12.0	0.2	CN2	48.1	346	PD	20 20 41.4	- 1.2			
BJI	19.1	289	EP	17 49 44.0	- 1.1						P _m Z		2.0	0.2		
WHN	22.0	263	EP	17 50 15.5	0.6						ES	20 27 36.0	- 1.3			
HHC	22.7	290	EP	17 50 20.8	- 0.7			HHC	50.4	332	EP	20 21 00.4	0.4			
BTO	23.8	290	EP	17 50 31.7	- 1.1			BTO	50.9	331	EP	20 21 03.8	- 0.2			
XAN	25.4	274	EP	17 50 45.7	- 1.9			LZH	51.0	322	EP	20 21 04.5	- 0.3			
GZH	26.3	248	EP	17 50 56.0	- 0.3			GTA	55.6	323	P	20 21 38.6	- 0.1			
LZH	29.1	280	EP	17 51 22.0	0.9			LSA	56.3	308	EP	20 21 45.0	0.8			
GYA	29.9	260	P	17 51 27.0	- 1.1			WMQ	65.5	321	P	20 22 46.0	- 0.4			
CD2	30.5	270	P	17 51 34.0	0.5						P _m Z		2.0	0.05		
GTA	31.7	288	EP	17 51 43.0	- 1.6						ES	20 31 22.0	- 4.9			
KMI	33.6	261	EP	17 52 00.0	- 1.0			1984 6 29								
WMQ	40.2	297	EP	17 52 57.4	0.8			O=20 26 21.5			+/- - 0.16 SEC					
LSA	41.1	275	EP	17 53 05.7	1.6			LAT=13.75 S			+/- - 3.87 KM					
1984 6 29								LONG=66.27 E			+/- - 3.01 KM					
O=19 55 17.1								DEPTH=10 KM			+/- - 0.18 KM					
LAT=38.31 N								mb(NEIS)=4.6								
LONG=45.13 E								STATIONS USED=17, STAND DEV=0.97 SEC								
DEPTH=36 KM								WMQ	32.3	66	EP	20 01 45.0	- 0.3			
mb(NEIS)=4.6								LSA	38.8	88	PC	20 02 42.4	1.6			
STATIONS USED=17, STAND DEV=0.97 SEC								KMI	50.0	87	EP	20 04 10.3	- 0.5			
O=20 12 04.8								1984 6 29								
LAT=2.89 S								O=20 26 21.5			+/- - 0.16 SEC					
LONG=139.33 E								LAT=13.75 S			+/- - 3.87 KM					
DEPTH=47 KM								LONG=66.27 E			+/- - 3.01 KM					
mb(NEIS)=4.9								DEPTH=10 KM			+/- - 0.18 KM					
STATIONS USED=48, STAND DEV=1.14 SEC								mb(NEIS)=4.9								
O=20 12 04.8								STATIONS USED=25, STAND DEV=1.94 SEC								
LAT=2.89 S								GYA	56.0	44	P	20 36 04.6	1.1			
LONG=139.33 E								CD2	57.2	38	(P)	20 36 12.2	0.5			
DEPTH=47 KM																
mb(NEIS)=4.9																
STATIONS USED=48, STAND DEV=1.14 SEC																

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
WMQ	60.5	17	PD	20 36 34.5	- 0.6			LSA	39.1	32	EP	02 54 33.0	4.7		
XAN	62.5	39	EP	20 36 48.5	0.3			KMI	43.5	48	EP	02 55 05.0	1.0		
WHN	63.9	45	EP	20 36 58.0	0.9						ES	03 01 40.0	6.2		
TIY	67.1	38	EP	20 37 19.0	1.2			GYA	47.2	49	P	02 55 33.0	- 0.3		
BTO	67.6	34	EP	20 37 20.9	- 0.3			CD2	47.7	42	EP	02 55 37.0	- 0.1		
TIA	69.1	42	EP	20 37 31.4	1.0			WMQ	49.7	18	EP	02 55 52.5	- 0.4		
CN2	78.6	39	EP	20 38 25.4	- 0.5			GTA	51.1	31	P	02 56 06.6	2.8		
<p>1984 6 29</p> <p>O=22 32 22.3 +/- 0.58 SEC</p> <p>LAT=24.14 N +/- 1.01 KM</p> <p>LONG=122.40 E +/- 1.54 KM</p> <p>DEPTH=2 KM +/- 4.50 KM</p> <p>Ms(CHINA)=3.5/3, ML(CHINA)=3.5/3</p> <p>STATIONS USED=13, STAND DEV=1.02 SEC</p>								<p>1984 6 30</p> <p>O=11 40 20.5 +/- 0.58 SEC</p> <p>LAT=55.22 S +/- 14.16 KM</p> <p>LONG=128.59 W +/- 13.02 KM</p> <p>DEPTH=31 KM +/- 2.08 KM</p> <p>STATIONS USED=11, STAND DEV=3.53 SEC</p>							
QZH	3.6	283	PN	22 33 19.4	- 0.3			TIA	132.3	274	EPKP	11 59 32.6	- 0.2		
			SN	22 33 58.5	- 4.5			CN2	132.8	288	EPKP	11 59 30.4	- 3.4		
			S _m N		ML=3.5	0.5	0.1	GTA	144.4	264	IPKPC	11 59 51.2	- 3.7		
			LN		Ms=3.3	6.0	0.3	<p>1984 6 30</p> <p>O=12 10 09.4 +/- 0.06 SEC</p> <p>LAT=17.81 S +/- 1.53 KM</p> <p>LONG=178.62 W +/- 1.02 KM</p> <p>DEPTH=574 KM +/- 0.61 KM</p> <p>mb(NEIS)=4.8</p> <p>STATIONS USED=18, STAND DEV=0.63 SEC</p>							
SSE	7.0	351	PNC	22 34 07.7	- 0.9			NJ2	77.7	309	EP	12 21 10.6	1.0		
			P _m Z			0.7	0.04	MDJ	78.0	324	PC	12 21 11.3	0.3		
			LG ₂	22 36 08.7	- 4.9			CN2	79.8	322	P	12 21 20.4	- 0.3		
NJ2	8.5	339	PC	22 34 27.4	- 1.8			BJI	83.6	315	(P)	12 21 40.0	0.3		
			LN		Ms=3.5	9.0	0.3	XAN	86.0	307	EP	12 21 52.7	0.9		
CD2	17.8	296	(P)	22 36 33.0	- 0.7			<p>1984 6 30</p> <p>O=02 46 56.6 +/- 0.07 SEC</p> <p>LAT=2.96 S +/- 3.83 KM</p> <p>LONG=68.36 E +/- 2.13 KM</p> <p>DEPTH=0 KM +/- 1.29 KM</p> <p>Msz(NEIS)=4.1, mb(NEIS)=4.8</p> <p>STATIONS USED=33, STAND DEV=1.30 SEC</p>							
GTA	24.4	313	EP	22 37 43.5	- 0.2			NJ2	54.9	319	EP	12 55 51.6	- 0.1		
<p>1984 6 30</p> <p>O=00 25 34.2 +/- 0.04 SEC</p> <p>LAT=36.88 N +/- 0.70 KM</p> <p>LONG=135.24 E +/- 0.95 KM</p> <p>DEPTH=364 KM +/- 0.99 KM</p> <p>STATIONS USED=7, STAND DEV=0.36 SEC</p>								<p>1984 6 30</p> <p>O=12 46 22.5 +/- 0.01 SEC</p> <p>LAT=8.88 S +/- 1.79 KM</p> <p>LONG=157.47 E +/- 0.64 KM</p> <p>DEPTH=44 KM +/- 0.39 KM</p> <p>STATIONS USED=4, STAND DEV=0.28 SEC</p>							
CN2	10.2	315	EP	00 27 55.8	0.4			XAN	62.8	315	EP	12 56 46.1	- 0.1		
NJ2	14.3	255	PC	00 28 44.2	0.4										
TIA	14.6	272	PD	00 28 46.0	- 0.4										
BJI	15.3	287	(P)	00 28 53.0	- 0.6										
GYA	26.4	254	P	00 30 41.0	0.3										

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
KMI	63.1	303	EP	12 56 48.5	- 0.2			DEPTH=15 KM +/- 0.04 KM ML(CHINA)=4.3/3 STATIONS USED=12, STAND DEV=1.55 SEC							
GTA	71.8	316	PC	12 57 43.6	0.5			KSH	2.1	257	EPG	18 13 09.0	0.4		
1984 6 30 O=13 28 11.4 +/- 0.29 SEC LAT=44.16 N +/- 1.72 KM LONG=148.55 E +/- 1.23 KM DEPTH=71 KM +/- 2.16 KM mb(NEIS)=4.9 STATIONS USED=28, STAND DEV=0.56 SEC										ESG	18 13 39.0	2.5			
MDJ	13.6	278	EP	13 31 23.0	0.6						LE			6.0	6.9
CN2	16.6	276	P	13 32 00.8	- 0.7			WMQ	7.8	57	EPN	18 14 25.0	- 0.5		
SNY	18.4	271	EP	13 32 23.0	- 0.2						SN	18 15 50.0	- 4.5		
BJI	24.3	271	EP	13 33 23.5	0.1						LN			2.0	0.2
TIA	25.2	262	EP	13 33 32.0	0.0						LE			2.0	0.2
HHC	27.3	276	EP	13 33 51.7	- 0.3			1984 6 30 O=20 27 09.6 +/- 0.11 SEC LAT=30.30 N +/- 2.36 KM LONG=132.14 E +/- 1.77 KM DEPTH=27 KM +/- 0.67 KM Ms(CHINA)=5.6/16, Msz(NEIS)=5.6, mb(NEIS)=5.1 STATIONS USED=52, STAND DEV=1.99 SEC							
BTO	28.5	276	EP	13 34 02.7	- 0.1			GTA	16.3	85	EP	18 16 19.8	- 0.5		
LZH	34.8	272	PC	13 34 58.0	0.4						ELG ₂	18 21 37.0	9.4		
			P _m Z			1.0	0.06				LN			1.2	0.01
GTA	36.2	279	PC	13 35 10.0	0.1						LE			1.2	0.01
CD2	37.5	264	IPD	13 35 20.2	0.1			Ms(CHINA)=5.6/16, Msz(NEIS)=5.6, mb(NEIS)=5.1 STATIONS USED=52, STAND DEV=1.99 SEC							
GYA	38.0	256	P	13 35 24.0	- 0.8			SSE	9.5	277	EP	20 29 25.5	- 1.8		
KMI	41.6	258	PD	13 35 55.0	0.4			NJ2	11.5	282	EP	20 29 54.0	- 1.4		
1984 6 30 O=17 00 43.0 +/- 0.15 SEC LAT=40.15 N +/- 1.91 KM LONG=78.45 E +/- 2.39 KM DEPTH=2 KM +/- 0.29 KM mb(NEIS)=4.4, ML(CHINA)=4.0/3 STATIONS USED=9, STAND DEV=2.73 SEC															
								TIA	13.9	299	EP	20 30 32.0	5.0		
KSH	2.0	250	PGU	17 01 23.0	3.1						ES	20 33 00.0	- 1.3		
			ISG	17 01 53.0	6.6						SS	20 33 24.0	7.2		
			LE			5.0	9.2				LN		Ms=5.6	12.0	6.2
WMQ	7.8	58	PN	17 02 39.0	- 1.6						LE			12.0	26.1
			SN	17 04 04.0	- 6.7			MDJ	14.4	352	EP	20 30 36.5	2.2		
			LN			2.0	0.2				S	20 33 09.0	- 5.6		
			LE			2.0	0.2				LE		Ms=5.1	13.0	8.4
GTA	16.4	85	EP	17 04 34.7	- 2.2			CN2	14.5	340	EP	20 30 37.8	2.7		
			LN			1.5	0.02				P _m Z			6.0	2.0
			LE			1.4	0.02				ES	20 33 08.0	- 7.9		
1984 6 30 O=18 12 29.8 +/- 0.08 SEC LAT=39.94 N +/- 1.23 KM LONG=78.66 E +/- 0.91 KM								BJI	16.2	311	(P)	20 31 00.5	2.7		
											LN		Ms=5.5	11.5	20.3
											LE		Ms=5.6	12.0	14.3
								TIY	17.9	299	P	20 31 21.0	2.2		
											PP	20 31 36.5	3.5		
											S	20 34 28.0	- 7.5		
											S _m E			10.0	1.7
											LN		Ms=5.6	13.0	15.7
											LE			13.0	12.1
								HHC	19.7	307	P	20 31 40.0	- 0.3		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
XAN	20.0	286	P	20 31 40.5	- 2.7			GTA	27.9	297	EP	20 32 58.8	- 1.4			
			PP	20 32 04.0	2.0											
			SS	20 35 40.3	- 8.9											
			LN	Ms=6.0	12.0	23.2										
			LE		12.0	34.5										
BTO	20.7	305	P	20 31 49.6	- 1.0			WMQ	37.5	303	EP	20 34 22.1	- 1.4			
			LN	Ms=5.7	12.0	11.8										
			LE		12.0	14.9										
GYA	22.7	266	P	20 32 10.6	- 0.4			1984 5 30 O=22 15 42.4 +/- 0.58 SEC LAT=30.19 N +/- 4.03 KM LONG=132.43 E +/- 2.56 KM DEPTH=52 KM +/- 4.71 KM STATIONS USED=13, STAND DEV=2.00 SEC								
			LN	Ms=5.5	12.0	5.4										
			LE		12.0	7.9										
LZH	24.3	291	EP	20 32 25.5	- 1.1			TIA	14.1	299	EP	22 19 06.0	4.2			
			LN	Ms=6.0	12.0	16.8			CN2	14.7	339	EP	22 19 11.4	2.7		
			LE		12.0	25.2			BJI	16.5	310	(P)	22 19 29.0	- 3.2		
CD2	24.4	278	EP	20 32 26.4	- 1.0			GYA	23.0	267	P	22 20 42.8	- 0.9			
			LN	Ms=6.0	13.0	33.4			CD2	24.7	278	EP	22 20 59.6	- 0.6		
KMI	26.5	265	EP	20 32 47.0	- 0.2			GTA	28.2	297	P	22 21 31.0	- 1.8			
			LE	Ms=5.6	14.0	11.1										