





November

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			P <sub>m</sub> E			11.5	0.7				LN		Ms=6.6	16.0	73.4
			P <sub>m</sub> Z			11.0	1.6	WHN	42.4	255	EP	18 51 23.4	-10.5		
			EPP	18 51 49.0	4.7						AP	18 51 47.0	0.5		
			ES	18 55 45.0	-7.7						ES	18 57 58.0	6.1		
			LN		Ms=7.0	15.0	182.2				SCS	19 01 36.0	8.1		
			LE			15.0	101.6				LN		Ms=6.6	17.0	48.8
HHC	36.6	268	EP	18 50 45.0	-1.0						LE			19.0	59.8
TIA	36.6	258	P	18 50 44.8	-1.4			LZH	44.3	269	PC	18 51 49.5	0.1		
			PP	18 52 09.0	-2.0						P <sub>m</sub> Z			12.5	3.8
			PP <sub>m</sub> N			12.0	3.0				XP	18 52 20.0	12.3		
			PP <sub>m</sub> E			12.5	3.1				ES	18 58 18.0	-1.7		
			PP <sub>m</sub> Z			12.0	5.6				XS	18 58 52.5	11.7		
			SCP	18 56 45.7	-3.3						SCS	19 01 46.0	6.5		
			S <sub>m</sub> N			30.0	18.4				LN		Ms=6.5	15.0	28.7
			S <sub>m</sub> E			30.0	18.2				LE			16.0	38.8
			XS	18 56 45.7	-0.8			GTA	44.3	276	IPC	18 51 49.3	-0.1		
			SS	18 58 46.5	-6.4						PP	18 53 39.5	5.7		
			LN		Ms=6.5	15.0	52.5				S	18 58 14.5	-5.2		
			LE			15.0	30.4				LN		Ms=6.8	15.0	36.5
BTO	37.7	269	EP	18 50 54.4	-0.5						LE			14.0	77.0
			XP	18 51 16.0	2.9			QZH	44.5	245	PU	18 51 52.0	0.7		
			PP	18 52 20.0	-3.4						AP	18 52 08.0	4.1		
			S	18 56 36.0	-5.3						PP	18 53 38.0	1.7		
			LN		Ms=6.5	12.0	19.4				PP <sub>m</sub> Z			7.0	1.8
			LE			12.0	41.5				S	18 58 24.0	0.9		
TIY	38.2	264	PC	18 51 01.2	1.6						LN		Ms=6.8	14.0	85.2
			PP	18 52 43.0	12.8						LE			14.0	17.3
			S	18 56 57.0	7.0			WMQ	48.1	289	IPC	18 52 20.0	0.6		
			XS	18 57 20.0	9.1						XP	18 52 42.0	4.3		
			SS	18 59 50.0	21.0						PP	18 54 18.0	7.9		
			LN		Ms=6.8	14.0	91.3				IS	18 59 17.0	3.3		
			LE			15.0	64.2				S <sub>m</sub> N			5.0	2.5
SSE	38.3	248	EP	18 50 58.5	-1.2						S <sub>m</sub> E			6.0	2.8
			AP	18 51 17.0	4.8						XS	18 59 44.0	8.9		
			XP	18 51 20.0	1.9						LN		Ms=7.2	18.0	124.3
			PCP	18 53 10.0	-2.8						LE			19.0	180.1
			S	18 56 48.0	-2.1			CD2	48.1	265	P	18 52 19.7	0.3		
			SCP	18 56 55.0	0.1						S	18 59 08.0	-5.8		
			PCS	18 57 03.0	2.4						LN		Ms=6.8	16.0	60.1
			SCS	19 01 04.0	0.6						LE			16.0	64.6
			LN		Ms=6.2	15.0	16.1	GZH	48.8	249	PU	18 52 26.0	1.0		
			LE			16.0	27.1				P <sub>m</sub> Z			10.0	2.5
NJ2	38.8	251	PU	18 51 02.5	-1.5						S	18 59 19.0	-5.0		
			P <sub>m</sub> Z			7.0	1.0				S <sub>m</sub> N			10.0	3.6
			S	18 56 55.0	-3.0						S <sub>m</sub> E			10.0	1.4
			PCS	18 57 05.0	2.5						LN		Ms=6.5	18.0	23.1

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			LE			17.0	32.1	WMQ	22.3	346	P	21 14 58.5	0.6		
GYA	49.8	258	P	18 52 34.0	1.1			TIA	24.1	49	EP	21 15 14.1	- 1.1		
			AP	18 52 51.0	5.5			CN2	33.4	42	EP	21 16 36.5	- 2.5		
			S	18 59 42.0	3.7										
			S <sub>m</sub> N			7.0	4.1								
			LN	Ms=6.6		16.0	48.0								
KMI	53.1	261	PC	18 52 57.5	- 0.1										
			P <sub>m</sub> Z			6.0	1.5								
			AP	18 53 15.0	4.9										
			XP	18 53 28.0	12.1										
			PP	18 55 05.5	7.7										
			S	19 00 16.0	- 7.2										
			XS	19 00 48.0	3.5										
			LN	Ms=6.9		18.0	91.5								
KSH	57.4	293	PU	18 53 29.0	0.4										
			XP	18 53 52.0	4.8										
			S	19 01 23.0	2.5										
			PS	19 01 45.0											
			LE	Ms=6.9		15.0	65.2								
			1984 11 1												
			O=20 42 47.6	+/-	0.05 SEC										
			LAT=55.00 N	+/-	3.31 KM										
			LONG=162.83 E	+/-	4.73 KM										
			DEPTH=12 KM	+/-	2.46 KM										
			mb(NEIS)=4.7												
			STATIONS USED=11, STAND DEV=0.86 SEC												
CN2	26.5	260	EP	20 48 26.2	- 0.6										
BTO	37.3	269	EP	20 50 00.0	- 2.4										
GTA	44.0	276	P	20 50 57.8	0.4										
CD2	47.8	264	EP	20 51 27.9	0.8										
WMQ	47.9	289	P	20 51 28.0	0.0										
KMI	52.7	260	EP	20 52 05.5	0.2										
			1984 11 1												
			O=21 10 09.4	+/-	0.25 SEC										
			LAT=22.24 N	+/-	2.86 KM										
			LONG=94.54 E	+/-	1.85 KM										
			DEPTH=116 KM	+/-	0.86 KM										
			mb(NEIS)=4.4												
			STATIONS USED=24, STAND DEV=2.55 SEC												
KMI	8.0	67	PD	21 12 08.0	2.6										
GYA	11.8	66	P	21 13 04.8	9.1										
CD2	11.9	41	EP	21 12 56.9	- 0.2										
XAN	17.3	44	EP	21 14 03.0	- 1.9										
WHN	19.6	60	EP	21 14 30.0	- 0.6										
			1984 11 2												
			O=03 48 01.6	+/-	0.11 SEC										
			LAT=13.98 N	+/-	5.16 KM										
			LONG=89.43 W	+/-	5.16 KM										
			DEPTH=52 KM	+/-	1.29 KM										
			mb(NEIS)=5.3												
			STATIONS USED=59, STAND DEV=2.41 SEC												
CN2	114.3	332	(PKP)	04 06 51.5	15.0										
SNY	116.7	332	EPKP	04 06 46.0	4.9										
TIA	124.1	334	EPKP	04 06 54.6	- 1.0										
TIY	124.6	338	EPKP	04 06 56.5	- 0.1										
GTA	126.2	351	PKP	04 06 59.8	0.1										
SSE	126.4	327	PKPD	04 06 59.4	- 0.5										
			PKP <sub>m</sub> Z										1.2	0.06	
NJ2	126.8	329	PKPD	04 07 00.0	- 0.7										
LZH	128.6	346	EPKP	04 07 09.0	4.5										
			PKP <sub>m</sub> Z										4.0	4.2	
XAN	129.1	340	PKP	04 07 04.6	- 0.7										
WHN	130.2	332	EPKP	04 07 07.2	0.0										
			LE											20.0	3.9
CD2	133.6	344	PKP	04 07 12.2	- 1.6										
KMI	139.4	342	EPKP	04 07 24.5	- 0.1										
			1984 11 2												
			O=04 50 07.5	+/-	0.09 SEC										
			LAT=8.35 N	+/-	1.32 KM										
			LONG=126.17 E	+/-	2.15 KM										
			DEPTH=30 KM	+/-	0.37 KM										
			Ms(CHINA)=4.9/19, Msz(NEIS)=5.2, mb(NEIS)=5.5												
			STATIONS USED=83, STAND DEV=1.37 SEC												
QZH	18.0	337	P	04 54 22.0	4.4										
			S	04 57 32.5	- 20.5										
			S <sub>m</sub> E										18.0	1.3	
			LN	Ms=4.7		16.0	3.0								
QZN	19.1	305	EP	04 54 28.5	- 2.0										
			AP	04 54 36.8	- 0.9										
			S	04 58 03.0	4.2										
			S <sub>m</sub> N										8.5	1.2	
			S <sub>m</sub> E										11.0	0.9	
			SS	04 58 28.0	4.3										
			LN	Ms=4.9		13.0	2.3								
			LE			13.0	2.5								













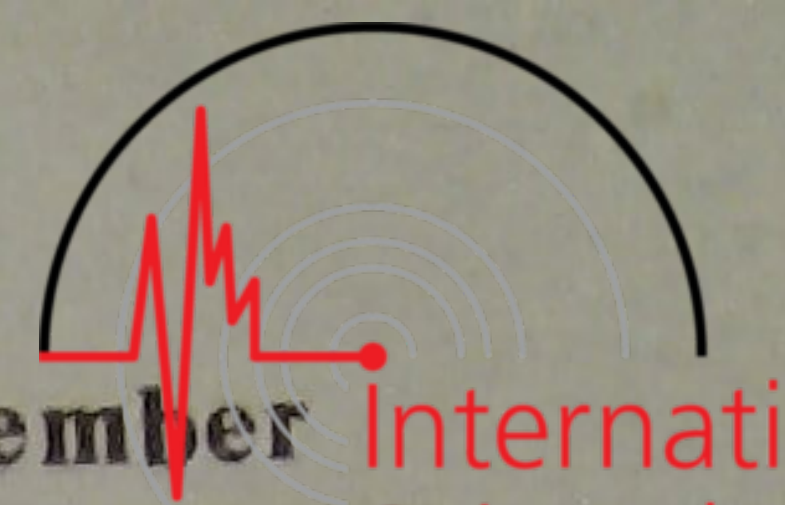


November

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<b>STATIONS USED=17, STAND DEV=3.55 SEC</b>															
QZH	3.2	307	EP	10 13 34.4	1.5										
			S	10 14 22.5	11.8										
			S <sub>m</sub> N	ML=3.1		0.4	0.08								
			S <sub>m</sub> E			0.6	0.06								
GZH	7.4	272	P	10 14 31.5	- 0.9										
			ES	10 15 57.0	0.5										
			LN			0.8	0.01								
			LE			0.8	0.01								
QZN	11.5	252	EP	10 15 33.2	4.7										
1984 11 5															
O=11 41 47.3 +/- 0.15 SEC															
LAT=5.94 S +/- 2.71 KM															
LONG=111.66 E +/- 3.87 KM															
DEPTH=605 KM +/- 1.69 KM															
mb(NEIS)=5.4															
<b>STATIONS USED=91, STAND DEV=2.26 SEC</b>															
QZN	24.9	355	P	11 46 27.3	1.1										
			XP	11 49 09.0	2.0										
			S	11 50 11.0	1.8										
			PCS	11 53 12.0	- 6.8										
			SCS	11 56 11.5	0.3										
GZH	28.9	3	PU	11 47 01.5	0.4										
			S	11 51 14.0	2.2										
			S <sub>m</sub> N			8.0	0.7								
QZH	31.4	12	EP	11 47 20.7	- 1.9										
			ES	11 51 50.0	- 0.8										
			SS	11 54 52.0	- 8.9										
KMI	32.1	344	IPU	11 47 30.0	1.7										
			P <sub>m</sub> Z			3.0	0.5								
			S	11 52 04.0	2.9										
			SS	11 55 04.0	- 9.5										
GYA	32.6	351	PC	11 47 33.6	1.3										
			P <sub>m</sub> Z			2.0	1.1								
			XP	11 50 20.0	1.0										
			S	11 52 08.0	- 0.5										
			SCP	11 52 49.0	2.1										
WHN	36.4	3	PC	11 48 04.8	1.2										
CD2	37.4	348	IPC	11 48 13.2	0.9										
			P <sub>m</sub> Z			0.7	0.3								
			EPP	11 50 02.5	3.1										
			S	11 53 19.0	- 1.7										
			S <sub>m</sub> E			4.0	1.0								
SSE	37.9	13	IPC	11 48 17.3	0.8										
			P <sub>m</sub> Z			1.0	0.1								
			ES	11 53 24.0	- 4.2										
			LN			20.0	0.6								
NJ2	38.4	9	IPU	11 48 21.0	0.8										
			P <sub>m</sub> Z			4.0	0.6								
			PP	11 50 08.0	- 0.1										
			SCP	11 53 10.6	2.5										
			S	11 53 38.0	3.1										
XAN	39.8	356	IPC	11 48 31.6	- 0.4										
			SCP	11 53 13.6	- 0.1										
			S	11 53 53.0	- 3.0										
			ESS	11 57 08.0	- 4.5										
TIA	42.2	6	PC	11 48 49.5	- 1.4										
			AP	11 50 37.8	2.1										
			SCP	11 53 25.0	1.7										
			SCS	11 57 45.3	1.8										
LZH	42.4	350	IPC	11 48 53.5	0.8										
			IS	11 54 33.0	- 0.3										
			S <sub>m</sub> E			2.0	2.5								
TIY	43.4	0	P	11 48 59.2	- 1.1										
			P <sub>m</sub> N			1.0	0.06								
			S	11 54 45.5	- 1.5										
			S <sub>m</sub> N			5.0	0.4								
DL2	45.6	10	EP	11 49 15.0	- 1.7										
BJ1	45.9	4	IPU	11 49 18.5	- 1.0										
BTO	46.3	358	IPUC	11 49 22.1	- 0.5										
			AP	11 51 09.0	- 0.9										
GTA	46.4	347	IPC	11 49 24.3	0.9										
			P <sub>m</sub> Z			0.6	0.09								
			AP	11 51 12.0	1.2										
			SCP	11 53 43.0	2.6										
			IS	11 55 29.5	0.5										
			S <sub>m</sub> N			1.2	0.02								
			S <sub>m</sub> E			1.1	0.02								
			ISCS	11 58 10.8	0.2										
SNY	48.8	11	IPC	11 49 38.9	- 1.9										
			AP	11 51 27.6	- 2.3										
			S	11 55 53.0	- 7.7										
			S <sub>m</sub> N			6.0	0.7								
			SCS	11 58 28.0	1.8										
CN2	51.1	12	IPC	11 49 55.2	- 2.4										
			P <sub>m</sub> Z			2.0	0.5								
			PCP	11 51 03.0	0.7										
			AP	11 51 46.0	- 2.2										
			XP	11 52 50.0	- 2.7										
			SCP	11 54 02.0	1.9										
			S	11 56 25.0	- 6.5										

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			S <sub>m</sub> N			4.0	0.3				LE			3.0	1.5
			SCS	11 58 42.0	0.1			NJ2	9.3	346	PC	16 39 17.6	- 1.4		
			EXS	11 59 42.0	- 6.2						S	16 40 54.5	- 8.7		
MDJ	52.8	16	IPC	11 50 09.0	- 1.3						LE	Ms = 4.6		7.0	2.9
WMQ	54.1	338	PC	11 50 18.6	- 0.3			WHN	9.8	321	P	16 39 25.0	- 1.3		
			P <sub>m</sub> Z			1.5	0.1				S	16 41 08.5	- 7.8		
			AP	11 52 12.0	0.4						LN	Ms = 5.2		6.0	7.2
			S	11 57 10.5	- 0.8						LE			7.0	6.7
			SCS	11 59 03.5	0.4			QZN	11.5	251	EP	16 39 49.2	- 0.7		
KSH	55.9	326	EP	11 50 32.0	0.1						ES	16 41 57.1	- 1.4		
			AP	11 52 25.0	- 0.8						LG <sub>1</sub>	16 43 05.0	- 2.3		
			IS	11 57 35.0	- 0.5						LG <sub>2</sub>	16 43 14.0	-11.6		
			S <sub>m</sub> E			5.0	1.4				LN	Ms = 4.4		14.0	1.6
											LE			13.0	1.4
1984 11 5								TIA	13.7	345	EP	16 40 18.0	- 0.2		
O=14 23 52.4 +/- 0.07 SEC											LG <sub>1</sub>	16 44 11.0	- 3.0		
LAT=4.36 S +/- 0.64 KM											LG <sub>2</sub>	16 44 36.6	1.0		
LONG=152.64 E +/- 0.73 KM											LN	Ms = 4.4		10.0	1.3
DEPTH=101 KM +/- 0.74 KM											LE			10.0	0.8
mb (NEIS) = 5.0								GYA	13.9	287	P	16 40 21.2	0.3		
STATIONS USED=30, STAND DEV=0.93 SEC											S	16 42 44.2	-10.3		
CN2	53.8	335	EP	14 33 06.6	- 0.9			XAN	15.5	317	EP	16 40 42.4	- 0.1		
			PCP	14 34 10.8	- 0.4						ES	16 43 28.0	- 5.5		
XAN	56.2	316	EP	14 33 25.1	0.4						LG <sub>1</sub>	16 44 52.0	-20.5		
KMI	56.6	303	EP	14 33 29.0	1.2						LG <sub>2</sub>	16 45 19.5	-17.6		
CD2	58.3	310	EP	14 33 40.7	1.0						LN	Ms = 5.0		7.0	3.3
LZH	60.8	315	EP	14 33 57.5	0.6						LE			7.0	1.7
GTA	65.2	317	P	14 34 26.6	0.6			DL2	15.8	0	EP	16 40 50.0	3.7		
											LN	Ms = 4.4		15.0	1.6
											LE			12.0	0.7
1984 11 5								TIY	16.6	334	EP	16 40 58.5	2.9		
O=16 37 04.8 +/- 0.12 SEC											P <sub>m</sub> Z			5.0	1.3
LAT=23.03 N +/- 1.73 KM											S	16 44 03.5	6.0		
LONG=121.45 E +/- 1.46 KM											S <sub>m</sub> E			5.0	0.3
DEPTH=45 KM +/- 0.93 KM											LN	Ms = 5.0		8.0	1.9
Ms(CHINA)=4.5/17, mb(NEIS)=4.7, ML(CHINA)=4.7/4											LE			7.0	2.8
STATIONS USED=66, STAND DEV=1.84 SEC								KMI	17.2	280	EP	16 41 07.0	3.0		
QZH	3.2	306	IPD	16 37 53.8	- 0.7						ES	16 44 17.0	0.9		
			I	16 38 03.1	- 1.1						XS	16 44 30.0	0.5		
			S	16 38 28.5	- 3.8						LE	Ms = 4.3		10.0	0.8
			I	16 38 40.0	- 6.9						(S)	16 44 25.0	- 3.3		
			S <sub>m</sub> N	ML=4.5		0.5	1.9	BJI	17.5	346	EP	16 41 09.5	1.7		
			S <sub>m</sub> E			0.5	1.5				P <sub>m</sub> N			5.0	0.6
			LN			4.0	25.3				P <sub>m</sub> Z			5.0	0.5
GZH	7.5	272	P	16 38 53.0	- 0.9						LN	Ms = 4.4		12.5	1.3
			S	16 40 12.0	- 6.1			CD2	17.6	300	EP	16 41 09.5	0.9		
			LN			4.0	5.0								

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			S	16 44 20.0	-10.8			<b>LAT=23.90 N +/- 5.08 KM</b> <b>LONG=122.98 E +/- 3.21 KM</b> <b>DEPTH=61 KM +/- 3.08 KM</b> <b>Ms(CHINA) = 3.7/1, ML(CHINA) = 4.1/7</b> <b>STATIONS USED=16, STAND DEV=3.71 SEC</b>							
			LG <sub>2</sub>	16 46 28.0	-17.5										
			LN		Ms = 5.2	7.0	4.1								
SNY	18.8	4	IPD	16 41 23.3	-0.3										
			PP	16 41 42.0	2.4										
			S	16 44 55.0	3.6										
			LE		Ms = 4.3	18.0	1.4								
HHC	19.6	337	IPD	16 41 33.8	1.2										
BTO	20.0	333	P	16 41 37.3	0.6										
			ES	16 45 11.0	-3.5										
			LG	16 47 47.0											
			LN		Ms = 4.5	13.0	1.1								
			LE			13.0	1.1								
LZH	20.1	314	PC	16 41 38.5	1.1										
			P <sub>m</sub> Z			2.0	0.3								
			ES	16 45 10.0	-5.7										
			LN		Ms = 4.9	6.0	1.5								
CN2	21.0	8	P	16 41 44.0	-2.8										
			PP	16 42 03.0	-6.6										
			ES	16 45 24.0	-9.3										
			SS	16 45 54.0	-11.8										
			LE		Ms = 4.3	14.0	1.0								
MDJ	22.5	15	EP	16 42 02.0	-0.4										
GTA	24.6	316	EP	16 42 23.5	1.2										
WMQ	34.6	314	P	16 43 52.7	0.4										
<b>1984 11 5</b> <b>O=17 15 53.1 +/- 0.16 SEC</b> <b>LAT=10.37 N +/- 1.20 KM</b> <b>LONG=125.29 E +/- 2.20 KM</b> <b>DEPTH=38 KM +/- 1.89 KM</b> <b>mb(NEIS)=4.9</b> <b>STATIONS USED=23, STAND DEV=1.90 SEC</b>								<b>1984 11 6</b> <b>O=04 31 21.9 +/- 0.24 SEC</b> <b>LAT=10.37 N +/- 2.53 KM</b> <b>LONG=125.40 E +/- 3.37 KM</b> <b>DEPTH=32 KM +/- 1.07 KM</b> <b>Ms(CHINA) = 4.2/2, Msz(NEIS) = 4.8, mb(NEIS) = 4.8</b> <b>STATIONS USED=31, STAND DEV=2.09 SEC</b>							
SSE	21.0	350	E(P)	17 20 36.2	0.5			GZH	17.1	319	EP	04 35 24.0	3.6		
WHN	22.5	334	EP	17 20 50.5	-0.5						EXS	04 38 42.0	-0.2		
GYA	23.8	314	P	17 21 07.2	3.6			QZN	17.3	301	EP	04 35 21.8	-1.3		
KMI	25.9	307	EP	17 21 26.0	1.6						ES	04 38 39.0	-0.8		
XAN	27.9	330	EP	17 21 40.0	-2.4			SSE	21.0	349	P	04 36 05.0	-0.2		
CD2	28.6	318	EP	17 21 47.7	-0.6						ES	04 39 59.0	6.4		
SNY	31.4	357	PD	17 22 11.7	-1.3						LE		Ms = 4.2	16.0	0.9
CN2	33.3	0	(P)	17 22 28.6	-1.3			WHN	22.6	334	EP	04 36 22.0	1.2		
GTA	36.8	326	P	17 22 59.0	-0.4			GYA	23.9	314	P	04 36 35.6	1.8		
<b>1984 11 6</b> <b>O=00 27 16.7 +/- 0.24 SEC</b>								KMI	26.0	307	EP	04 36 54.5	-0.1		
								TIA	26.8	345	EP	04 37 00.0	-1.5		
								XAN	28.0	329	PD	04 37 10.5	-1.8		
								CD2	28.7	318	P	04 37 17.4	-1.0		
											P <sub>m</sub> Z			0.9	0.05
								SNY	31.4	357	EP	04 37 41.9	-0.5		
								LZH	32.2	326	EP	04 37 49.5	-0.5		
								CN2	33.3	0	EP	04 37 57.8	-1.5		
								GTA	36.8	326	P	04 38 29.4	0.0		
								WMQ	46.6	322	P	04 39 52.5	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
1984 11 6 O=07 58 50.3 +/- 0.05 SEC LAT=19.04 S +/- 5.07 KM LONG=66.97 E +/- 4.68 KM DEPTH=23 KM +/- 2.12 KM Ms(CHINA)=5.9/34, Msz(NEIS)=5.8, mb(NEIS)=6.2 STATIONS USED=70, STAND DEV=0.74 SEC															
KMI	56.0	39	IPC	08 08 30.5	0.1			WMQ	65.4	16	IPC	08 09 34.0	0.1		
			PmZ			4.0	2.7				PmZ			3.0	4.4
			AP	08 08 35.5	- 2.5						XP	08 09 49.0	3.9		
			PP	08 10 38.5	2.8						S	08 18 18.5	2.8		
			PCS	08 13 26.0	- 0.3						LN		Ms=5.9	20.0	8.4
			IS	08 16 19.0	2.6			GTA	65.7	27	IPC	08 09 36.6	0.2		
			SmN			10.0	4.5	XAN	66.2	37	IPC	08 09 38.0	- 1.1		
			SmE			10.0	3.5				PmZ			5.0	2.5
			SS	08 20 09.0	8.3						PP	08 12 08.0	1.8		
			LE		Ms=6.0	18.0	10.6				IS	08 18 26.0	0.3		
QZN	56.6	50	IPU	08 08 34.0	- 0.2			QZH	66.6	50	IPU	08 09 42.0	0.4		
			PmN			4.0	0.9				AP	08 09 50.0	0.5		
			PmE			4.0	1.2				XP	08 09 56.5	3.6		
			PmZ			5.0	2.7				S	08 18 32.0	1.6		
			AP	08 08 44.0	2.0						SmN			13.0	3.4
			XP	08 08 47.5	2.1						SmE			13.0	2.7
			PCP	08 09 30.0	0.4						SS	08 22 54.0	6.0		
			PP	08 10 40.5	- 0.3						LN		Ms=6.2	18.0	9.4
			SCP	08 13 27.0	1.0						LE			18.0	11.6
			S	08 16 20.0	- 3.4			WHN	67.1	43	IPU	08 09 46.0	1.1		
			SmN			13.0	4.6				PmZ			3.5	1.0
			SmE			12.0	4.9				S	08 18 42.0	5.2		
			SS	08 20 15.0	4.7						SmE			9.0	2.2
			LN		Ms=5.9	22.0	8.1				LN		Ms=6.0	20.0	6.2
			LE			23.0	5.8				LE			20.0	6.4
KSH	58.8	8	IPU	08 08 50.0	0.1			TIY	70.8	36	IPC	08 10 07.9	0.1		
			S	08 16 53.0	0.3						PmZ			1.6	0.6
			LE		Ms=6.0	12.0	7.0				S	08 19 17.5	- 3.2		
GYA	59.4	41	PU	08 08 53.5	- 0.7						SmN			9.0	1.9
			S	08 17 00.0	- 0.7						SmE			9.0	1.8
			LN		Ms=5.8	18.0	3.1				SCS	08 20 14.0	8.7		
			LE			18.0	5.2				LN		Ms=6.0	17.0	4.8
CD2	61.0	36	P	08 09 04.0	- 0.7						LE			16.0	4.4
			ES	08 17 11.5	- 9.0						PC	08 10 09.0	- 0.2		
			LN		Ms=6.1	19.0	14.5								
GZH	61.7	49	IPC	08 09 10.0	0.6			NJ2	71.1	44	PC				
			PmN			4.0	2.0								
			PmE			4.0	1.9								
			PmZ			4.0	4.4								



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GTA	20.5	83	P	08 57 60.0	0.3										
1984 11 6															
O=09 44 21.4 +/- 0.18 SEC															
LAT=18.19 S +/- 8.39 KM															
LONG=175.12 W +/- 9.76 KM															
DEPTH=227 KM +/- 3.11 KM															
mb(NEIS) = 5.6															
STATIONS USED=58, STAND DEV=0.72 SEC															
QZH	77.5	301	IPD	09 55 54.0	0.0										
SSE	78.3	308	PD	09 55 58.0	-0.8										
			P <sub>m</sub> Z			1.0	0.1								
MDJ	80.2	323	IPD	09 56 09.5	0.6										
			AP	09 57 11.0	8.1										
			XP	09 57 30.0	3.2										
			S	10 06 00.0	5.8										
			S <sub>m</sub> E			6.0	0.9								
NJ2	80.5	308	IPR	09 56 10.5	-0.1										
			P <sub>m</sub> Z			2.0	1.2								
GZH	81.0	297	IPD	09 56 13.2	0.2										
DL2	82.0	315	PR	09 56 18.0	0.1										
CN2	82.2	320	IPD	09 56 18.7	-0.3										
			P <sub>m</sub> E			3.0	0.3								
			P <sub>m</sub> Z			4.0	0.7								
			AP	09 57 18.0	4.9										
			XP	09 57 41.0	4.0										
			PP	09 59 26.0	-5.4										
			S	10 06 07.5	-6.4										
			S <sub>m</sub> N			6.5	0.5								
			XS	10 07 50.0	1.6										
SNY	82.2	318	PD	09 56 19.3	0.0										
			XP	09 57 40.0	2.7										
			S	10 06 17.0	2.5										
			XS	10 07 58.0	9.0										
QZN	82.4	292	EP	09 56 20.3	0.0										
			P <sub>m</sub> Z			4.0	0.8								
			AP	09 57 13.0	-1.5										
			XP	09 57 42.0	3.7										
			PP	09 59 18.0	-15.5										
			ES	10 06 17.5	1.0										
			XS	10 08 06.0	14.9										
WHN	83.3	305	EP	09 56 24.0	-0.8										
TIA	83.8	311	P	09 56 27.0	-0.1										
			P <sub>m</sub> Z			6.0	0.4								
			S	10 06 28.5	-1.3										
			S <sub>m</sub> E			7.0	0.7								
			XS	10 08 15.0	10.2										
			EP	09 56 39.0	-0.1										
			P <sub>m</sub> E											3.0	0.3
			P <sub>m</sub> Z											4.0	0.8
			AP	09 57 35.0	1.3										
			XP	09 57 59.5	2.1										
			ES	10 06 43.0	-10.2										
			S <sub>m</sub> E											6.0	0.3
			EXS	10 08 13.0	-15.8										
			IPR	09 56 47.0	0.1										
			P <sub>m</sub> Z											3.0	0.7
			S	10 06 54.0	-14.5										
			XS	10 08 42.0	-3.4										
			PD	09 56 47.6	0.2										
			S	10 06 54.0	-15.6										
			XS	10 08 46.0	-0.4										
			IPD	09 56 52.0	-0.1										
			P <sub>m</sub> Z											1.4	0.3
			AP	09 57 48.5	1.7										
			ES	10 07 20.0	1.2										
			XS	10 08 45.0	-9.9										
			PR	09 56 56.5	0.6										
			EP	09 57 00.6	0.2										
			IPD	09 57 01.5	0.7										
			P <sub>m</sub> Z											2.0	0.9
			AP	09 58 04.0	8.5										
			SKS	10 07 17.0	9.3										
			S	10 07 38.0	2.4										
			EP	09 57 06.4	0.6										
			S	10 07 45.0	0.1										
			PD	09 57 13.5	-0.2										
			P <sub>m</sub> Z											2.0	0.1
			P	09 57 31.9	-0.4										
1984 11 6															
O=12 40 57.8 +/- 0.08 SEC															
LAT=10.02 S +/- 0.70 KM															
LONG=161.53 E +/- 0.68 KM															
DEPTH=104 KM +/- 0.97 KM															
mb(NEIS) = 5.1															
STATIONS USED=46, STAND DEV=0.89 SEC															
SSE	56.3	318	EP	12 50 29.5	-0.8										
QZN	58.6	299	EP	12 50 45.3	-1.0										
			PCS	12 55 47.0	12.4										
			ES	12 58 45.0	4.5										
MDJ	61.6	334	EP	12 51 06.7	-0.2										



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TIA	62.1	320	EP	12 51 09.8	-0.9			BTO	71.1	33	EP	02 23 03.8	-0.2		
SNY	62.2	328	EP	12 51 11.9	0.5			TIY	72.1	40	EP	02 23 08.5	-1.4		
CN2	62.8	331	PC	12 51 15.0	-0.1			SNY	79.5	39	EP	02 23 56.4	4.3		
			AP	12 51 36.6	-3.8			CN2	81.8	38	EP	02 24 02.0	-2.1		
XAN	66.4	313	P	12 51 37.8	-0.7			1984 11 7							
KMI	67.1	302	PC	12 51 43.0	0.1			O=15 09 07.6			+/-	0.07 SEC			
CD2	68.7	308	P	12 51 53.4	0.5			LAT=44.08 N			+/-	2.82 KM			
BTO	69.2	320	EP	12 51 55.8	-0.3			LONG=150.58 E			+/-	1.53 KM			
GTA	75.4	315	P	12 52 33.9	1.3			DEPTH=32 KM			+/-	0.92 KM			
			AP	12 52 56.0	-2.5			mb(NEIS)=4.9							
WMQ	85.5	315	EP	12 53 25.7	-0.2			STATIONS USED=49, STAND DEV=1.26 SEC							
			AP	12 53 48.5	-3.9			MDJ	15.0	279	EP	15 12 38.5	-1.0		
1984 11 6								CN2	18.1	277	EP	15 13 17.2	-1.1		
O=23 51 33.8			+/-	0.09 SEC							AP	15 13 24.0	-1.8		
LAT=6.43 S			+/-	1.26 KM							LE			15.0	0.5
LONG=130.09 E			+/-	1.90 KM				SNY	19.9	272	EP	15 13 38.8	-0.2		
DEPTH=176 KM			+/-	0.72 KM				DL2	22.2	266	EP	15 14 03.5	0.2		
mb(NEIS)=5.2								BJI	25.7	272	EP	15 14 38.5	1.2		
STATIONS USED=35, STAND DEV=1.44 SEC								SSE	26.5	250	PC	15 14 44.8	0.5		
QZN	32.2	322	EP	23 57 48.0	0.1			TIA	26.6	264	PC	15 14 45.4	0.0		
			ES	24 02 50.0	2.9			NJ2	27.5	254	EP	15 14 57.6	3.8		
			PCS	24 04 12.5	-2.7			HHC	28.8	277	EP	15 15 05.1	0.0		
SSE	38.3	347	PC	23 58 39.0	0.0			BTO	30.0	277	EP	15 15 15.9	0.2		
NJ2	39.7	345	PC	23 58 51.2	0.1			XAN	33.6	267	P	15 15 46.9	-0.2		
GYA	39.8	326	PC	23 59 52.0	0.1			LZH	36.2	273	EP	15 16 10.5	0.4		
KMI	41.1	320	PC	23 05 03.5	0.7						P <sub>m</sub> Z			1.5	0.05
			S	24 59 07.0	4.2			GTA	37.7	280	IPD	15 16 23.6	1.4		
CD2	44.9	327	EP	23 59 32.4	-0.4			CD2	38.9	266	EP	15 16 32.8	0.4		
XAN	45.0	334	P	23 59 32.6	-0.9			GYA	39.4	258	P	15 16 36.6	-0.1		
TIY	46.9	340	EP	23 59 48.2	-0.6			KMI	43.0	260	EP	15 17 05.5	-1.0		
1984 11 7								WMQ	44.3	292	P	15 17 17.5	1.0		
O=02 11 41.8			+/-	0.08 SE				1984 11 7							
LAT=18.64 S			+/-	5.64 KM				O=19 55 00.6			+/-	0.08 SEC			
LONG=67.28 E			+/-	2.73 KM				LAT=38.17 N			+/-	0.72 KM			
DEPTH=4 KM			-/-	1.17 KM				LONG=73.62 E			+/-	0.33 KM			
mb(NEIS)=5.1								DEPTH=179 KM			+/-	1.46 KM			
STATIONS USED=43, STAND DEV=1.62 SEC								mb(NEIS)=4.7							
QZN	56.1	50	P	02 21 28.5	3.4			STATIONS USED=8, STAND DEV=1.26 SEC							
			S	02 29 23.0	9.6			KSH	2.3	54	EP	19 55 43.0	1.8		
GYA	58.9	41	P	02 21 44.8	-0.4						IS	19 56 13.0	0.6		
CD2	60.5	35	EP	02 21 55.3	-0.5						S <sub>m</sub> N			2.0	1.6
GTA	65.3	27	P	02 22 27.4	-0.3			WMQ	12.0	57	P	19 57 47.0	-0.7		
XAN	65.7	37	P	02 22 29.0	-1.5			GTA	20.4	78	IPD	19 59 27.6	1.7		
WHN	66.6	43	EP	02 22 35.0	-1.3										



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1984 11 7								O = 05 30 16.6 +/- 0.07 SEC								
O = 21 43 40.8 +/- 0.32 SEC								LAT = 2.04 S +/- 1.24 KM								
LAT = 18.66 S +/- 11.79 KM								LONG = 150.65 E +/- 1.55 KM								
LONG = 67.13 E +/- 6.15 KM								DEPTH = 31 KM +/- 0.27 KM								
DEPTH = 7 KM +/- 1.13 KM								Ms(CHINA) = 5.1/23, Msz(NEIS) = 5.3, mb(NEIS) = 5.5								
mb(NEIS) = 4.8								STATIONS USED = 90, STAND DEV = 1.11 SEC								
STATIONS USED = 19, STAND DEV = 3.03 SEC								QZH	41.1	312	PU	05 38 01.0	1.7			
GYA	59.0	41	EP	21 53 48.0	3.5			AP	05 38 08.0	-0.3						
CD2	60.6	36	EP	21 53 53.3	-1.7			XP	05 38 12.0	-0.2						
WMQ	65.0	16	PD	21 54 24.0	-0.3			S	05 44 10.0	-0.1						
GTA	65.3	27	P	21 54 26.2	-0.6			S <sub>m</sub> N			Ms = 5.0	6.0	1.0			
XAN	65.8	37	EP	21 54 27.9	-1.7			SS	05 47 10.0	2.1						
BTO	71.2	33	EP	21 55 02.3	-0.8			LE				18.0	1.7			
TI A	72.2	40	EP	21 55 07.2	-1.9			SSE	43.3	321	PR	05 38 16.0	-1.4			
CN2	81.9	38	EP	21 56 01.0	-2.2			P <sub>m</sub> Z				2.0	0.2			
1984 11 7								XP	05 38 30.0	-0.2						
O = 23 43 20.1 +/- 0.24 SEC								PP	05 40 02.0	1.9						
LAT = 35.11 N +/- 2.82 KM								S	05 44 40.0	-2.5						
LONG = 103.45 E +/- 2.15 KM								XS	05 45 00.0	2.7						
DEPTH = 18 KM +/- 0.49 KM								ESS	05 47 48.0	-1.2						
ML(CHINA) = 3.1 / 4								LE			Ms = 4.7	12.0	0.6			
STATIONS USED = 4, STAND DEV = 3.30 SEC								GZH	44.1	306	EP	05 38 26.0	1.9			
LZH	1.0	18	PN	23 43 35.0	-4.8			S	05 44 57.5	2.9						
			SN	23 43 49.0	-5.2			S <sub>m</sub> N				5.0	0.8			
			S <sub>m</sub> N			ML = 2.9	0.2	0.3	S <sub>m</sub> E			5.0	0.8			
			S <sub>m</sub> E				0.2	0.2	LN		Ms = 5.2	11.0	1.5			
CD2	4.2	176	EPG	23 44 41.6	5.0			LE				11.0	0.9			
1984 11 8								QZN	45.2	299	EP	05 38 34.2	0.8			
O = 01 16 13.5 +/- 0.11 SEC								S	05 45 12.0	0.8						
LAT = 37.33 N +/- 1.80 KM								LN			Ms = 5.2	14.0	1.6			
LONG = 71.92 E +/- 1.55 KM								LE				16.0	1.1			
DEPTH = 155 KM +/- 0.93 KM								NJ 2	45.4	321	I PR	05 38 35.0	0.7			
mb(NEIS) = 4.5, ML(CHINA) = 4.3 / 1								P <sub>m</sub> Z				5.0	0.6			
STATIONS USED = 14, ML(STAND DEV) = 2.31 SEC								XP	05 38 48.0	0.9						
KSH	3.8	55	EP	01 17 14.0	1.2			IS	05 45 16.0	3.1						
			S	01 17 60.0	1.6			S <sub>m</sub> N				9.0	1.6			
			S <sub>m</sub> N			ML = 4.3	0.6	0.7	S <sub>m</sub> E			9.0	1.0			
			S <sub>m</sub> E				0.3	0.6	LN		Ms = 5.3	9.0	1.8			
WMQ	13.6	56	EP	01 19 21.0	-0.6			WHN	47.4	316	EP	05 38 51.0	0.7			
			S	01 22 04.5	14.7			ES	05 45 41.0	-0.8						
			LN				2.5	0.08	S <sub>m</sub> N			9.0	0.8			
GTA	21.9	75	I PC	01 20 59.4	3.8			XS	05 45 57.0	0.3						
1984 11 8								LN			Ms = 5.3	23.0	2.8			
								LE				23.0	3.0			
								DL2	48.7	329	EP	05 38 58.0	-2.7			
								XP	05 39 11.0	-2.5						

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			S	05 46 00.0	-0.5						LE		Ms=5.0	15.0	1.0
			LE		Ms=4.9	14.0	0.9	XAN	53.2	316	P	05 39 33.8	-0.6		
TIA	49.2	323	EP	05 39 03.9	-0.8						AP	05 39 45.0	1.6		
			XP	05 39 18.0	0.6						S	05 47 02.5	0.6		
			PP	05 41 05.0	6.8						S <sub>m</sub> N			7.0	0.9
			ES	05 46 06.0	-1.8						XS	05 47 17.5	0.7		
			S <sub>m</sub> N			8.0	0.6				SS	05 50 41.5	2.2		
			S <sub>m</sub> E			7.0	0.4				LN		Ms=5.1	19.0	1.6
			XS	05 46 23.0	0.3			KM1	53.7	303	EP	05 39 39.5	1.0		
			LN		Ms=4.8	14.5	0.7				AP	05 39 48.0	0.7		
SNY	50.1	333	I PR	05 39 11.0	-0.2						S	05 47 13.0	3.6		
			P <sub>m</sub> Z			5.0	0.8				S <sub>m</sub> N			11.0	0.6
			AP	05 39 20.0	-0.2						LE		Ms=5.0	17.0	1.3
			S	05 46 20.0	0.4			CD2	55.3	310	P	05 39 50.1	-0.2		
			XS	05 46 37.0	2.4						PCP	05 40 49.0	-0.8		
			LN		Ms=5.2	28.0	2.1				S	05 47 32.0	0.8		
			LE			27.0	2.4				LE		Ms=5.6	20.0	4.7
MDJ	50.1	340	PC	05 39 11.2	-0.2			BTO	56.3	323	I PR	05 39 57.0	-0.5		
			S	05 46 18.0	-1.9						AP	05 40 07.0	0.5		
			LE		Ms=5.3	35.0	5.6				S	05 47 48.0	3.5		
CN2	50.9	336	PD	05 39 17.0	-0.6			LZH	57.8	315	EP	05 40 07.5	-0.4		
			P <sub>m</sub> N			4.0	0.3				P <sub>m</sub> Z			2.0	0.1
			P <sub>m</sub> E			4.0	0.3				ES	05 47 45.0	-18.7		
			P <sub>m</sub> Z			5.0	0.7				LN		Ms=5.2	24.0	1.5
			AP	05 39 27.0	0.5						LE			24.0	1.7
			XP	05 39 31.0	0.6			GTA	62.2	317	P	05 40 38.5	0.3		
			EPP	05 41 14.0	0.0						S	05 49 04.0	3.4		
			S	05 46 33.0	1.8						LE		Ms=4.9	17.5	0.7
			S <sub>m</sub> N			7.0	0.7	WMQ	72.3	317	PD	05 41 42.1	0.5		
			S <sub>m</sub> E			7.0	0.7				P <sub>m</sub> Z			2.5	0.3
			XS	05 46 50.0	3.9						XP	05 41 57.0	2.4		
			ESS	05 50 04.5	1.9						S	05 51 05.7	3.7		
			LN		Ms=5.1	15.0	1.5				S <sub>m</sub> N			7.0	0.9
GYA	51.0	306	P	05 39 20.2	1.7			KSH	79.5	310	EP	05 42 25.0	2.1		
			S	05 46 37.0	4.1						S	05 52 29.0	7.4		
			XS	05 46 54.0	6.4						S <sub>m</sub> N			9.0	0.8
BJ1	52.4	326	EP	05 39 27.0	-1.8										
			P <sub>m</sub> N			5.0	0.1								
			P <sub>m</sub> Z			6.0	0.8								
			ES	05 46 53.0	1.3										
			S <sub>m</sub> N			7.0	0.4								
			S <sub>m</sub> E			5.0	0.3								
			LN		Ms=4.9	20.0	1.2								
TIY	53.0	322	EP	05 39 32.9	-0.7										
			XP	05 39 48.0	1.6										
			S	05 47 03.0	2.6										

1984 11 8  
 O=05 54 54.6 +/- 0.10 SEC  
 LAT=10.53 N +/- 1.31 KM  
 LONG=125.38 E +/- 1.99 KM  
 DEPTH=38 KM +/- 0.46 KM  
 mb(NEIS)=4.7  
 STATIONS USED=32, STAND DEV=1.24 SEC  
 GZH 17.0 318 PD 05 58 54.0 3.0  
 ES 06 02 04.5 7.1

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
SSE	20.8	349	PD	05 59 36.0	0.3			MDJ	39.2	283	EP	09 44 57.0	-0.6		
			P <sub>m</sub> Z			1.5	0.08	CN2	42.1	284	PC	09 45 21.0	-0.8		
NJ 2	22.3	345	EP	05 59 49.0	-1.0			SNY	44.4	283	PC	09 45 41.0	0.8		
WHN	22.4	334	EPZ	05 59 52.0	0.6			TI A	51.8	282	EP	09 46 37.7	-0.4		
GYA	23.7	314	P	06 00 05.8	1.1			HHC	52.0	290	EP	09 46 41.2	1.0		
KMI	25.9	307	EP	06 00 27.0	1.3			SSE	52.8	274	P	09 46 45.5	-0.1		
TI A	26.6	344	EP	06 00 30.2	-1.9			NJ 2	53.6	276	PD	09 46 51.4	0.0		
XAN	27.8	329	EP	06 00 41.2	-1.8			TI Y	53.6	286	EP	09 46 52.5	0.8		
CD2	28.5	318	P	06 00 48.4	-0.9			WHN	57.4	278	EP	09 47 19.0	0.1		
SNY	31.2	357	PD	06 01 13.1	0.0			XAN	58.2	285	PC	09 47 24.5	-0.2		
LZH	32.1	325	EP	06 01 19.0	-1.8			GTA	59.7	296	I PC	09 47 34.3	-0.8		
BTO	32.9	338	EP	06 01 27.0	-0.9			LZH	59.7	290	EP	09 47 36.5	1.0		
GTA	36.7	325	P	06 02 00.0	-0.2			WMQ	62.9	307	PC	09 47 56.0	-0.6		
WMQ	46.5	322	EP	06 03 20.2	-0.3			CD2	63.5	286	EP	09 48 00.6	0.1		

1984 11 8

O = 07 12 59.7 +/- 0.15 SEC

LAT = 6.02 S +/- 1.64 KM

LONG = 148.51 E +/- 1.75 KM

DEPTH = 80 KM +/- 0.90 KM

mb(NEIS) = 5.4

STATIONS USED = 61, STAND DEV = 1.53 SEC

GZH	44.9	311	EP	07 21 09.5	0.8		
SSE	45.2	326	PC	07 21 11.4	0.4		
			P <sub>m</sub> Z			1.0	0.02
QZN	45.5	304	EP	07 21 14.2	0.9		
NJ 2	47.2	325	PC	07 21 27.8	0.8		
WHN	48.9	320	EP	07 21 41.0	1.1		
TI A	51.3	327	P	07 21 57.2	-1.0		
SNY	52.8	336	EP	07 22 09.8	0.5		
MDJ	53.2	343	I PC	07 22 14.0	1.5		
CN2	53.8	339	EP	07 22 16.6	-0.2		
KMI	54.2	306	EP	07 22 20.5	0.4		
XAN	54.7	319	P	07 22 21.0	-2.2		
TI Y	55.0	325	EP	07 22 24.2	-1.3		
CD2	56.4	313	P	07 22 35.0	-0.5		
GTA	63.7	319	EP	07 23 25.4	-0.5		
WMQ	73.8	318	P	07 24 25.5	-2.5		

1984 11 8

O = 09 37 30.8 +/- 0.12 SEC

LAT = 52.14 N +/- 4.02 KM

LONG = 171.03 W +/- 1.66 KM

DEPTH = 33 KM +/- 0.27 KM

Msz(NEIS) = 4.5, mb(NEIS) 4.8,

STATIONS USED = 49, STAND DEV = 1.54 SEC

1984 11 8

O = 12 49 27.5 +/- 0.14 SEC

LAT = 1.88 S +/- 1.99 KM

LONG = 149.50 E +/- 2.84 KM

DEPTH = 33 KM +/- 0.79 KM

mb(NEIS) = 5.2

STATIONS USED = 67, STAND DEV = 1.91 SEC

QZH	40.1	313	EP	12 57 02.4	0.3		
SSE	42.4	322	PC	12 57 21.0	-0.2		
			AP	12 57 28.1	-2.5		
			S	12 03 42.0	1.2		
			SS	12 06 52.0	7.7		
GZH	43.1	307	EP	12 57 27.5	1.0		
QZN	44.2	299	EP	12 57 34.0	-1.3		
NJ 2	44.5	321	EP	12 57 39.0	0.8		
			S	12 04 15.0	3.8		
WHN	46.5	316	EP	12 57 55.0	1.2		
DL2	48.0	330	EP	12 58 06.0	0.2		
TI A	48.4	324	EP	12 58 08.0	-1.1		
SNY	49.4	334	EP	12 58 15.3	-1.6		
MDJ	49.6	341	PD	12 58 17.2	-0.8		
GYA	50.0	307	P	12 58 23.6	2.2		
CN2	50.3	337	PD	12 58 22.0	-1.7		
			ES	13 05 31.0	-2.4		
			EXS	13 05 45.0	-4.0		
TI Y	52.2	322	EP	12 58 45.4	7.4		
XAN	52.3	316	P	12 58 37.8	-0.4		
KMI	52.6	303	EP	12 58 42.0	0.7		
CD2	54.3	310	P	12 58 53.9	0.1		
			LE			17.0	1.8
BTO	55.5	324	EP	12 59 01.0	-1.3		





**November**

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<b>Ms(CHINA)=4.2/7, mb(NEIS)=4.4</b> <b>STATIONS USED=13, STAND DEV=3.72 SEC</b>								<b>STATIONS USED=24, STAND DEV=1.36</b>							
SSE	7.9	258	EPN	17 20 31.0	2.1			GYA	35.2	358	EP	23 10 01.8	2.1		
			ELG <sub>2</sub>	17 22 55.0	4.7			CD2	39.8	354	P	23 10 36.5	-1.8		
			LN			Ms=3.9	12.0 1.1	XAN	42.7	1	EP	23 11 02.4	0.0		
CN2	11.5	342	EP	17 21 20.0	1.2			TIY	46.6	4	EP	23 11 33.4	0.1		
			(S)	17 23 12.0	-16.5			GTA	48.7	351	P	23 11 49.8	0.2		
			LE			Ms=4.4	10.0 1.8	BTO	49.3	2	EP	23 11 54.6	0.0		
TIY	15.2	293	EP	17 22 16.0	6.9			CN2	54.9	15	PC	23 12 33.0	-2.9		
			(S)	17 25 10.0	10.5			WMQ	55.6	342	P	23 12 41.8	0.3		
			LG <sub>2</sub>	17 27 07.5	13.3			MDJ	56.8	18	EP	23 12 51.5	1.6		
			LN			Ms=4.0	12.0 0.6	1984 11 9							
XAN	17.8	279	EP	17 22 38.7	-2.5			O=02 23 38.0			+/-	0.08 SEC			
BTO	17.8	301	E(P)	17 22 39.0	-3.3			LAT=10.34 N			+/-	1.24 KM			
			LN			Ms=4.3	12.0 0.9	LONG=125.32 E			+/-	1.91 KM			
			LE				12.0 0.5	DEPTH=33 KM			+/-	0.25 KM			
GYA	21.4	258	P	17 23 24.6	2.2			Ms(CHINA)=4.5/19, mb(NEIS)=5.1							
CD2	22.5	271	(P)	17 23 30.8	-2.5			<b>STATIONS USED=74, STAND DEV=1.23 SEC</b>							
			LE			Ms=4.4	10.0 0.8	QZH	15.9	337	I PU	02 27 18.0	-2.7		
GTA	25.3	293	P	17 23 54.2	-6.2						AP	02 27 28.0	0.0		
1984 11 8											S	02 30 19.0	3.3		
O=17 48 03.8			+/-	0.24 SEC							XS	02 30 31.0	3.7		
LAT=52.61 N			+/-	6.53 KM							SS	02 30 42.0	8.0		
LONG=170.97W			+/-	2.48 KM							LN		Ms=4.0	12.0 0.5	
DEPTH=33 KM			+/-	0.11 KM				GZH	17.1	319	PU	02 27 36.0	0.0		
mb(NEIS)=4.7,											S <sub>m</sub> N			9.0 1.1	
<b>STATIONS USED=28, STAND DEV=1.85 SEC</b>											XS	02 30 56.0	-1.1		
CN2	42.0	284	PD	17 55 53.8	-0.2			QZN	17.3	301	EP	02 27 40.5	2.0		
SNY	44.3	283	PC	17 56 13.5	1.0						ES	02 30 51.0	-2.6		
TI A	51.7	281	EP	17 57 09.9	-0.7						XS	02 31 00.0	-5.4		
SSE	52.8	274	PC	17 57 18.2	-0.3						SS	02 31 11.0	2.0		
NJ 2	53.5	276	PD	17 57 23.4	-0.7						LN		Ms=4.3	12.0 0.8	
XAN	58.1	285	EP	17 57 56.8	-0.1						LE			13.0 0.8	
GTA	59.5	295	P	17 58 06.2	-0.6			SSE	21.0	350	PC	02 28 21.0	-0.4		
WMQ	62.6	306	P	17 58 28.7	0.9						S	02 32 12.0	3.2		
CD2	63.9	286	P	17 58 33.4	0.7						SS	02 32 58.0	16.9		
GYA	64.3	281	P	17 58 43.4	0.4						LE		Ms=4.5	12.0 1.2	
KMI	68.3	283	EP	17 59 04.0	-0.2			NJ 2	22.4	345	EP	02 28 36.4	0.9		
1984 11 8											XS	02 32 42.5	-6.8		
O=23 03 08.3			+/-	0.09 SEC							LN		Ms=4.5	14.0 1.3	
LAT=8.93 S			+/-	1.77 KM				WHN	22.5	334	EP	02 28 37.0	0.3		
LONG=107.88 E			+/-	1.58 KM							ES	02 32 43.0	5.7		
DEPTH=54 KM			+/-	0.82 KM							LE		Ms=4.8	20.0 3.7	
mb(NEIS)=4.8								GYA	23.8	314	P	02 28 50.0	0.6		
											S <sub>m</sub> E			8.0 0.8	
											XS	02 33 10.0	-4.6		

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	
KMI	26.0	307	PD	02 29 10.0	- 0.2			<b>STATIONS USED=94, STAND DEV=1.62 SEC</b>								
			ES	02 33 35.0	- 1.8			QZH	15.8	337	P	02 58 36.0	0.6			
			SS	02 34 35.0	- 7.8						AP	02 58 46.0	3.2			
			LN	Ms=4.5		14.0	1.1				XP	02 58 52.0	4.4			
TIA	26.8	345	PD	02 29 18.4	0.9						S	03 01 34.0	4.4			
			ES	02 33 50.0	0.2						XS	03 01 46.0	4.8			
			LN	Ms=4.6		12.0	0.6				LE	Ms=4.9		13.0	4.5	
			LE			12.0	0.8	GZH	17.0	319	EP	02 58 53.2	2.4			
XAN	28.0	330	P	02 29 26.1	- 2.1						P <sub>m</sub> Z			4.0	1.7	
DL2	28.6	353	EP	02 29 34.4	0.4						ES	03 02 11.5	2.0			
			(S)	02 34 20.5	1.3						S <sub>m</sub> N			7.0	2.4	
			LE	Ms=4.6		13.0	1.0				S <sub>m</sub> E			8.0	3.6	
CD2	28.6	318	EP	02 29 33.2	- 0.9						LN	Ms=5.0		13.0	4.2	
			S	02 34 19.0	- 0.4						LE			13.0	3.1	
			LE	Ms=4.5		10.0	0.7	QZN	17.2	301	EP	02 58 54.0	0.7			
TIY	29.6	339	EP	02 29 42.5	- 0.4						PP	02 59 09.0	1.4			
			S	02 34 36.0	0.9						ES	03 02 06.0	- 0.2			
			LN	Ms=4.5		13.0	0.5				S <sub>m</sub> N			12.0	1.0	
			LE			13.0	0.5				S <sub>m</sub> E			12.0	0.6	
BJI	30.7	346	P	02 29 54.5	2.3						SS	03 02 25.0	2.1			
			ES	02 34 52.0	0.4						LN	Ms=4.9		12.0	4.1	
			LN	Ms=4.2		12.0	0.3				LE			12.0	1.1	
SNY	31.4	357	EP	02 29 58.1	- 0.5					SSE	20.9	350	P	02 59 35.5	- 0.1	
			S	02 35 06.5	3.0						PP	02 59 56.0	- 2.8			
			LE	Ms=4.7		14.0	1.1				S	03 03 30.0	7.8			
LZH	32.2	326	EP	02 30 05.5	- 0.3						SS	03 04 04.0	9.0			
HHC	32.7	340	P	02 30 11.7	1.3						LN	Ms=5.1		20.0	3.8	
BTO	33.0	338	EP	02 30 12.9	- 0.2						LE			20.0	7.7	
CN2	33.3	0	EP	02 30 14.4	- 1.1					NJ2	22.3	345	EP	02 59 52.5	2.1	
			PP	02 31 22.0	- 5.1						S	03 03 54.0	4.7			
			ES	02 35 29.0	- 4.3						LE	Ms=5.5		12.0	10.3	
			SS	02 37 19.0	-16.7						WHN	22.5	334	EP	02 59 52.0	0.3
			LE	Ms=4.6		12.0	0.8				S	03 03 56.0	4.5			
MDJ	34.3	5	EP	02 30 22.7	- 1.5						S <sub>m</sub> E			9.0	3.7	
GTA	36.8	326	P	02 30 45.0	- 0.2						LE	Ms=5.1		13.0	5.1	
			ES	02 36 27.0	- 0.1						GYA	23.8	344	P	03 00 07.0	2.6
			LE	Ms=4.4		12.0	0.4				S	03 04 18.0	3.4			
WMQ	46.6	322	EP	02 32 05.0	- 0.4						S <sub>m</sub> N			10.0	1.5	
KSH	52.5	312	EP	02 32 52.0	1.5						S <sub>m</sub> E			10.0	2.7	
											LN	Ms=5.3		16.0	5.8	
											LE			16.0	5.4	
1984 11 9											KMI	25.9	307	EP	03 00 26.0	0.8
O=02 54 53.8			+/-	0.10 SEC							PP	03 01 03.0	- 2.6			
LAT=10.41 N			+/-	1.59 KM							ES	03 04 51.0	- 0.3			
LONG=125.28 E			+/-	2.49 KM							SS	03 05 48.0	- 8.6			
DEPTH=33 KM			+/-	0.27 KM							LN	Ms=5.0		12.0	2.7	
Ms(CHINA)=5.2/31, Msz(NEIS)=5.3, mb(NEIS)=5.2																





STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
<b>LAT=4.05 S +/- 2.09 KM</b> <b>LONG=140.45 E +/- 2.24 KM</b> <b>DEPTH=29 KM +/- 0.18 KM</b> <b>mb(NEIS)=5.1</b> <b>STATIONS USED=42, STAND DEV=2.11 SEC</b>								<b>DEPTH=30 KM +/- 0.90 KM</b> <b>Ms(CHINA)=4.9/27, mb(NEIS)=5.0</b> <b>STATIONS USED=63, STAND DEV=2.89 SEC</b>							
QZN	37.9	308	EP	13 27 07.6	1.6			QZH	15.9	336	IPU	19 53 38.5	- 3.1		
SSE	39.5	333	P	13 27 19.5	0.0						P <sub>m</sub> Z			6.0	0.6
DL2	46.1	339	EP	13 28 15.2	1.5			XP	19 53 53.0	- 0.2					
KMI	46.7	310	PC	13 28 19.0	0.6			S	19 56 34.0	- 2.5					
XAN	48.2	324	PD	13 28 30.6	0.9			XS	19 56 52.0	4.4					
SNY	48.2	343	EP	13 28 28.8	- 0.9			SS	19 57 02.0	7.3					
MDJ	49.4	349	EP	13 28 38.5	- 0.7			LN		Ms=4.5	12.0	1.9			
CN2	49.5	345	PD	13 28 38.8	- 1.2			LE			14.0	0.9			
BTO	52.4	330	EP	13 29 02.1	- 0.3			QZN	17.3	301	P	19 54 02.0	2.1		
LZH	52.6	322	EP	13 29 00.5	- 3.0			ES	19 57 13.0	- 2.7					
GTA	57.2	323	P	13 29 36.8	- 0.1			XS	19 57 25.0	- 2.0					
WMQ	67.1	321	EP	13 30 41.5	- 1.9			SS	19 57 33.0	2.2					
1984 11 9								LN		Ms=4.8	13.0	2.8			
O=17 46 45.9			+/- 0.13 SEC					LE			11.0	0.9			
LAT=9.03 S			+/- 2.36 KM					SSE	21.0	349	EP	19 54 41.8	- 0.3		
LONG=107.87 E			+/- 2.59 KM								P <sub>m</sub> Z			1.0	0.04
DEPTH=31 KM			+/- 0.40 KM					AP	19 54 48.0	- 2.4					
mb(NEIS)=4.8								XP	19 54 55.0	0.5					
STATIONS USED=43, STAND DEV=1.99 SEC								PP	19 55 08.0	3.4					
GYA	35.3	358	P	17 53 42.6	2.1			S	19 58 34.0	4.5					
CD2	39.9	354	EP	17 54 18.7	- 0.3			XS	19 58 50.0	7.4					
NJ2	42.2	13	EP	17 54 38.8	1.1			SS	19 59 17.0	15.5					
XAN	42.8	1	EP	17 54 42.0	- 1.2			SCS	20 06 04.0	0.3					
LZH	45.0	355	EP	17 55 00.5	- 0.5			LE		Ms=4.9	14.0	3.5			
TIY	46.7	4	P	17 55 14.5	0.4			NJ2	22.4	345	PD	19 54 56.8	0.5		
GTA	48.8	351	IPD	17 55 31.0	0.6			S	19 59 00.0	4.2					
BTO	49.4	2	EP	17 55 35.0	- 0.4			S <sub>m</sub> N			11.0	1.3			
BJI	49.4	8	P	17 55 34.0	- 1.3			LE		Ms=4.9	11.0	2.4			
HHC	49.7	3	EP	17 55 37.6	- 0.3			WHN	22.5	334	P	19 54 59.0	1.3		
SNY	52.6	14	EP	17 55 57.3	- 2.2			S	19 59 02.0	3.6					
CN2	54.9	15	P	17 56 14.0	- 2.7			S <sub>m</sub> E			10.0	1.9			
WMQ	55.7	342	PD	17 56 22.0	- 0.2			LE		Ms=4.9	19.0	4.6			
KSH	56.6	330	EP	17 56 38.0	9.3			GYA	23.8	314	P	19 55 12.6	2.0		
			EXS	18 04 35.0	2.9			XP	19 55 22.0	- 1.0					
MDJ	56.9	18	EP	17 56 30.0	- 0.7			S	19 59 27.0	5.2					
1984 11 9								LN		Ms=4.9	15.0	2.3			
O=19 49 58.8			+/- 0.19 SEC					LE			15.0	1.9			
LAT=10.38 N			+/- 2.60 KM					KMI	26.0	307	PC	19 55 33.0	1.5		
LONG=125.38 E			+/- 4.84 KM					ES	20 00 02.0	3.5					
								SS	20 01 05.0	0.6					
								LN		Ms=4.7	13.0	1.5			
								TIA	26.8	345	EP	19 55 37.3	- 1.1		
								S	20 00 07.0	- 3.7					







STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$							
1984 11 11 <b>O=00 16 39.0 +/- 0.21 SEC</b> <b>LAT=22.98 N +/- 2.02 KM</b> <b>LONG=102.42 E +/- 1.34 KM</b> <b>DEPTH=31 KM +/- 0.21 KM</b> <b>Ms(CHINA)=4.0/3, mb(NEIS)=4.0 ML(CHINA)=4.3/6</b> <b>STATIONS USED=14, STAND DEV=2.04 SEC</b>																						
KMI	2.2	7	EPN	00 17 15.0	1.3			NJ 2	21.3	288	LE			20.0	0.5							
			I	00 17 22.0							EP	00 46 44.4	- 1.0									
			I	00 17 48.0							ES	00 50 30.0	- 4.9									
			S <sub>m</sub> N		ML=4.3	1.5	1.4	CN2	21.5	323	LN		Ms=4.0	14.0	0.4							
			S <sub>m</sub> E			2.0	3.1				EP	00 46 47.0	- 0.5									
			LE		Ms=4.0	10.0	4.9				EPPP	00 47 10.0										
GYA	5.2	47	PN	00 17 57.0	0.3						ES	00 50 36.0	- 2.8									
			I	00 18 18.6				QZH	21.9	268	LE		Ms=4.4	14.0	1.2							
			SN	00 18 54.0	- 2.5						EP	00 46 53.0	1.7									
			LG <sub>2</sub>	00 19 30.2	0.1						S <sub>m</sub> E			12.0	0.4							
			S <sub>m</sub> N		ML=4.1	1.0	0.2	TIA	23.4	298	XS	00 50 56.0	- 4.5									
			S <sub>m</sub> E			1.0	0.2				LE		Ms=3.9	13.0	0.3							
QZN	8.0	118	EPN	00 18 50.5	- 24.8						EP	00 47 06.4	- 0.5									
			LN			0.8	0.02				ES	00 51 12.0	- 2.4									
			LE			0.8	0.01				LN		Ms=4.1	16.0	0.6							
CD2	8.0	8	PN	00 18 34.4	- 1.6			WHN	25.0	283	EP	00 47 23.5	1.1									
			SN	00 19 59.0	- 7.4			XAN	29.7	291	EP	00 48 04.0	- 1.4									
			S <sub>m</sub> N		ML=4.3	0.8	0.05	QZN	31.3	261	EP	00 48 18.6	- 1.0									
			S <sub>m</sub> E			0.9	0.1				ES	00 53 27.0	3.5									
			LE		Ms=4.0	12.0	1.3	GYA	32.1	276	P	00 48 28.0	1.2									
GZH	10.1	87	EP	00 19 03.5	- 1.1			CD2	34.1	285	EP	00 48 43.2	- 0.7									
			ES	00 20 58.5	0.9						P <sub>m</sub> Z			1.0	0.03							
			LN		Ms=4.2	8.0	1.1	WMQ	46.8	305	PD	00 50 28.5	0.2									
XAN	12.4	25	EP	00 19 34.0	- 2.7			1984 11 11 <b>O=04 33 57.2 +/- 0.08 SEC</b> <b>LAT=12.68 S +/- 0.99 KM</b> <b>LONG=166.81 E +/- 1.41 KM</b> <b>DEPTH=114 KM +/- 0.65 KM</b> <b>mb(NEIS)=5.6</b> <b>STATIONS USED=85, STAND DEV=0.95 SEC</b>														
1984 11 11 <b>O=00 41 59.6 +/- 0.06 SEC</b> <b>LAT=27.48 N +/- 1.62 KM</b> <b>LONG=142.79 E +/- 1.30 KM</b> <b>DEPTH=34 KM +/- 0.39 KM</b> <b>Ms(CHINA)=4.0/7, mb(NEIS)=4.8</b> <b>STATIONS USED=36, STAND DEV=1.08 SEC</b>								QZH	60.1	308	EP	04 43 57.0	1.8					AP	04 44 18.3	- 4.2		
SSE	19.2	285	EP	00 46 24.0	0.6						S	04 51 57.0	- 0.7									
			XS	00 50 06.0	1.1						S <sub>m</sub> N			8.0	0.8							
SNY	21.3	317	EP	00 46 43.2	- 2.1						XS	04 52 42.0	- 3.2									
			S	00 50 38.0	3.2						SCS	04 53 38.0	8.0									
			LN		Ms=4.0	16.0	0.4				LE			14.0	0.4							
								SSE	61.7	315	EP	04 44 06.0	- 0.4									
											P <sub>m</sub> Z			0.7	0.03							
											AP	04 44 28.0	- 5.8									
											XP	04 44 37.0	- 9.8									
											S	04 52 20.0	1.1									
											XS	04 53 02.0	- 4.5									
											SCS	04 53 48.0	5.6									
											LN			40.0	1.3							

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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
			LE			40.0	1.3				S <sub>m</sub> E			8.0	0.4
GZH	63.3	304	EP	04 44 16.2	- 0.3			TI Y	71.5	317	IPU	04 45 08.0	0.0		
			S	04 52 42.0	4.0						P <sub>m</sub> Z			5.0	0.9
			S <sub>m</sub> E			6.0	1.0				AP	04 45 32.0	- 3.9		
NJ 2	63.9	315	PU	04 44 21.0	0.3						PP	04 47 51.5	2.2		
			AP	04 44 44.0	- 4.2						S	04 54 15.5	- 0.9		
			S	04 52 46.0	0.0						S <sub>m</sub> E			6.0	0.3
			S <sub>m</sub> N			12.0	0.6				XS	04 55 07.0	2.1		
			XS	04 53 25.0	- 8.9						LN			14.0	0.2
			SCS	04 54 07.0	8.2						LE			15.0	0.2
QZN	64.4	298	EP	04 44 25.0	1.2			XAN	72.0	312	PC	04 45 10.7	- 0.4		
			S	04 52 56.5	4.8						P <sub>m</sub> Z			1.3	0.05
			S <sub>m</sub> E			9.0	0.7				AP	04 45 35.0	- 4.1		
			PS	04 53 29.0							S	04 54 20.0	- 2.4		
			XS	04 53 42.0	2.4						S <sub>m</sub> N			8.0	0.4
			SS	04 56 53.0	-10.9						S <sub>m</sub> E			10.0	0.6
WHN	66.3	311	EP	04 44 36.0	0.1						XS	04 55 04.0	- 7.0		
DL2	66.4	322	EP	04 44 36.0	- 0.8			KMI	72.9	301	IPC	04 45 17.0	0.6		
SNY	67.3	326	EP	04 44 41.6	- 0.6						AP	04 45 41.0	- 3.2		
			AP	04 45 03.0	- 7.0						IS	04 54 37.0	4.4		
			S	04 53 28.0	1.1						S <sub>m</sub> E			6.0	1.1
			S <sub>m</sub> N			8.0	0.5				XS	04 55 18.0	- 3.0		
			XS	04 54 08.5	- 6.6			HHC	73.7	319	EP	04 45 22.2	0.7		
			SS	04 57 45.0	- 4.3			CD2	74.4	307	EP	04 45 26.0	0.7		
			LE			25.0	0.8				AP	04 45 50.0	- 3.4		
TIA	67.5	318	EP	04 44 42.4	- 1.5						S	04 54 51.5	1.8		
			AP	04 45 06.3	- 5.3						S <sub>m</sub> E			12.0	1.0
			ES	04 53 25.5	- 4.6						XS	04 55 32.0	- 6.7		
			S <sub>m</sub> N			8.5	0.4	BTO	74.6	318	EP	04 45 26.5	0.1		
			S <sub>m</sub> E			9.0	0.5				AP	04 45 50.0	- 4.5		
			EXS	04 54 04.5	-13.8						ES	04 54 53.0	1.2		
			SS	04 57 42.0	-10.9			LZH	76.6	312	PC	04 45 39.0	1.1		
CN2	67.7	328	IPC	04 44 44.2	- 0.6						P <sub>m</sub> Z			1.5	0.1
			P <sub>m</sub> Z			6.0	0.9				AP	04 46 02.0	- 4.0		
			AP	04 45 07.0	- 5.5						ES	04 55 10.0	- 4.2		
			XP	04 45 20.0	- 5.3						S <sub>m</sub> E			6.0	0.7
			ES	04 53 31.0	- 0.8			GTA	80.9	313	IPC	04 46 02.1	0.7		
			XS	04 54 14.0	- 6.1			WMQ	91.0	314	PC	04 46 50.5	- 0.1		
			SCS	04 54 32.0	4.2						AP	04 47 15.0	- 4.6		
			LE			15.0	0.5				SKS	04 57 12.3	3.4		
BJI	70.4	320	EP	04 45 02.0	0.5						S <sub>m</sub> N			5.0	0.6
			AP	04 45 25.0	- 4.5										
			P <sub>m</sub> Z			3.5	0.3								
			ES	04 45 05.0	1.0										
			XS	04 45 50.0	- 2.5										
			S <sub>m</sub> N			9.0	0.3								

1984 11 11  
 O=09 42 43.0 +/- 0.12 SEC  
 LAT=40.44 N +/- 1.70 KM  
 LONG=63.26 E +/- 0.87 KM

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
<b>DEPTH=32 KM +/- 0.37 KM</b> <b>mb(NEIS)=4.9</b> <b>STATIONS USED=46, STAND DEV=1.07 SEC</b>								<b>LAT=10.34 N +/- 1.88 KM</b> <b>LONG=125.29 E +/- 3.17 KM</b> <b>DEPTH=34 KM +/- 0.47 KM</b> <b>Ms(CHINA)=5.1/31, Msz(NEIS)=5.1, mb(NEIS)=5.3</b> <b>STATIONS USEV=98, STAND DEV=1.94 SEC</b>								
KSH	9.8	91	EP	09 45 02.0	- 3.3			QZH	15.9	337	IPU	23 11 05.0	- 2.2			
			LG <sub>1</sub>	09 47 57.0	5.5						P <sub>m</sub> N			4.0	2.1	
			LG <sub>2</sub>	09 48 08.0	0.9						P <sub>m</sub> E			4.0	1.0	
			LN			3.0	6.5				P <sub>m</sub> Z			4.0	1.1	
GTA	27.9	80	IPC	09 48 32.7	- 0.2						S	23 14 02.0	0.0			
CD2	34.0	93	EP	09 49 27.1	0.8						XS	23 14 16.0	2.3			
			P <sub>m</sub> Z			1.0	0.05				LE	Ms=5.0		14.0	6.0	
XAN	36.6	85	EP	09 49 48.0	- 0.4			GZH	17.1	319	PC	23 11 22.2	- 0.2			
TI Y	37.9	77	EP	09 50 00.4	1.1						S <sub>m</sub> N			8.0	3.0	
GYA	38.4	97	PP	09 50 04.6	0.7						S <sub>m</sub> E			8.0	7.4	
WHN	42.2	86	EP	09 50 36.2	0.9						XS	23 14 40.0	- 2.9			
SNY	44.6	67	EP	09 50 53.0	- 1.6						LN	Ms=5.0		10.0	2.7	
NJ 2	45.0	82	EP	09 50 56.6	- 0.8						LE			10.0	2.8	
CN2	45.3	64	PD	09 51 01.0	1.0			QZN	17.2	301	EP	23 11 25.6	0.8			
GZH	45.3	96	PD	09 51 01.2	0.9						AP	23 11 34.0	1.6			
1984 11 11																
O=21 03 57.3 +/- 0.11 SEC																
LAT=13.53 N +/- 0.89 KM																
LONG=122.36 E +/- 0.81 KM																
DEPTH=43 KM +/- 1.17 KM																
mb(NEIS)=4.5																
STATIONS USED=7, STAND DEV=1.82 SEC																
XAN	23.8	331	EP	21 09 03.8	- 3.4			SSE	21.0	350	EP	23 12 07.0	- 0.9			
CD2	24.3	318	EP	21 09 12.2	- 0.4						AP	23 12 16.0	- 0.7			
1984 11 11																
O=22 13 16.5 +/- 0.09 SEC																
LAT=29.16 N +/- 0.98 KM																
LONG=102.46 E +/- 1.12 KM																
DEPTH=33 KM +/- 0.01 KM																
ML(CHINA)=3.2/2																
STATIONS USED=5, STAND DEV=3.87 SEC																
CD2	2.1	32	P	22 13 55.6	6.8						PP	23 11 42.0	2.9			
			I	22 13 57.8							PPP	23 11 55.0				
			I	22 14 27.4							S	23 14 36.5	- 2.6			
			S <sub>m</sub> N			ML=3.4	0.8 0.3				LN	Ms=5.5		16.0	20.8	
			S <sub>m</sub> E				0.3 0.3				LE			14.0	4.1	
KMI	4.0	176	EP	22 14 26.0	9.0						EP	23 12 07.0	- 0.9			
XAN	7.4	46	EP	22 15 05.0	0.5						AP	23 12 16.0	- 0.7			
1984 11 11																
O=23 07 24.7 +/- 0.12 SEC																
											XP	23 12 24.0	3.0			
											PP	23 12 33.0	2.4			
											ES	23 16 01.0	5.8			
											XS	23 16 15.0	5.9			
											SS	23 16 44.0	16.4			
											LN	Ms=5.0		13.0	0.9	
											LE			12.0	3.8	
											NJ 2	22.4	345	PU	23 12 23.0	1.0
											S	23 16 25.0	3.6			
											S <sub>m</sub> N			16.0	1.8	
											S <sub>m</sub> E			18.0	2.5	
											LE	Ms=5.3		12.0	6.4	
											WHN	22.5	334	EP	23 12 24.0	0.8
											PP	23 12 46.0	- 5.0			
											S <sub>m</sub> E			9.0	2.3	
											XS	23 16 32.0	- 6.3			
											LE	Ms=5.0		12.0	3.8	
											GYA	23.8	314	PD	23 12 37.8	2.0
											PP	23 13 05.0	- 3.9			





STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$						
GZH	17.0	319	PC	01 10 22.2	0.7			XAN	27.9	329	EP	01 12 12.4	- 1.3								
			XP	01 10 34.0	- 0.1						ES	01 16 50.0	- 3.6								
			XS	01 13 43.0	2.2						S <sub>m</sub> N			16.0	3.8						
			S <sub>m</sub> N			6.0	1.7				S <sub>m</sub> E			14.0	2.4						
			S <sub>m</sub> E			8.0	4.2				LN	Ms=5.5		18.0	7.4						
			LN	Ms=4.8		19.0	5.1				LE			18.0	7.4						
QZN	17.2	301	PD	01 10 24.5	0.4			DL2	28.6	353	PU	01 12 19.0	- 0.5								
			AP	01 10 32.5	0.7						PP	01 13 09.0	- 2.5								
			S	01 13 31.0	- 6.5						S	01 17 03.0	- 1.1								
			SS	01 13 55.0	1.2						LN	Ms=5.1		9.0	0.5						
			LN	Ms=5.1		13.0	5.9				LE			13.0	2.7						
			LE			13.0	2.2				CD2	28.6	318	P	01 12 18.6	- 1.1					
SSE	20.9	350	PC	01 11 06.7	- 0.1			ES	01 16 60.0	- 4.4											
			P <sub>m</sub> Z			1.4	0.4	LE	Ms=5.4					20.0	9.6						
			XP	01 11 20.5	0.2			TIY	29.6	339				PC	01 12 27.9	- 0.5					
			PPP	01 11 44.0										PP	01 13 30.0	5.7					
			ES	01 14 57.0	3.5									S	01 17 22.0	2.0					
			XS	01 15 07.0	- 0.7						SS	01 18 39.0	-14.3								
SCS	01 22 22.0	- 6.0			SCP	01 19 09.0	- 1.2														
LN	Ms=5.2		15.0	2.1	LN	Ms=5.3					15.0	4.3									
NJ2	22.3	245	PU	01 11 21.0	0.1			BJI	30.6	346	EP	01 12 37.0	- 0.7								
			S	01 15 25.5	5.8						P <sub>m</sub> N			4.5	1.1						
			S <sub>m</sub> E			16.0	2.8				P <sub>m</sub> Z			4.5	0.3						
			LN	Ms=5.2		13.0	3.5				ES	01 17 36.0	- 0.5								
			LE			13.0	5.3				S <sub>m</sub> E			9.0	0.4						
			WHN	22.5	334	PC	01 11 24.0				1.8			SNY	31.3	357	IPU	01 12 44.0	- 0.1		
PP	01 11 46.0	- 3.6						ES	01 17 40.0	- 7.9											
S	01 15 27.0	4.9						LN	Ms=5.3		12.0	2.0									
SS	01 16 07.0	3.4						LE			12.0	3.6									
LE	Ms=5.3					20.0	12.2	LZH	32.1	326	IPC	01 12 51.2	- 0.1								
GYA	23.8	314				PC	01 11 36.6				1.6						HHC	32.7	340	EP	01 12 56.0
			AP	01 11 44.0	- 0.1						AP	01 13 04.5	- 0.8								
			PP	01 12 14.0	6.1						XP	01 13 10.0	0.5								
			S	01 15 51.0	5.7						ES	01 18 10.0	1.0								
			LN	Ms=5.3		16.0	6.8				LE	Ms=5.1		15.0	3.3						
			LE			16.0	3.8	BTO	33.0	338	PU	01 12 58.0	- 0.6								
KMI	25.9	307	PC	01 11 56.5	0.7						CN2	33.3	0	EP	01 13 00.0	- 1.0					
			ES	01 16 24.0	2.1									AP	01 13 13.0	2.4					
			LN	Ms=5.0		12.0	2.8							EPP	01 14 13.0	0.6					
			TIA	26.7	345	EP	01 12 02.1							- 0.9			PP <sub>m</sub> Z			5.0	0.7
						XP	01 12 15.5							- 1.1							
						ES	01 16 36.0	1.3													
XS	01 16 51.0	1.2																			
LN	Ms=5.1					15.0	2.9														
LE						15.0	3.5														

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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			
			ES	01 18 18.0	- 0.2						S <sub>m</sub> N			10.0	1.0			
			ESS	01 20 20.0	- 0.2						XS	02 51 36.0	6.7					
			LN		M <sub>s</sub> =5.0	10.0	1.5				LN		M <sub>s</sub> =4.5	14.0	1.2			
MDJ	34.3	5	EP	01 13 09.5	- 0.3			GYA	23.8	314	P	02 47 28.0	1.1					
			PP	01 14 30.0	5.3						XP	02 47 45.0	3.7					
			S	01 18 20.0	-13.9						S	02 51 46.0	8.8					
			LE		M <sub>s</sub> =4.7	30.0	2.2				S <sub>m</sub> E			6.0	0.9			
GTA	36.7	326	IPC	01 13 31.0	0.2						LN		M <sub>s</sub> =4.8	15.0	1.5			
			ES	01 19 04.5	- 7.5						LE			15.0	1.8			
			LN		M <sub>s</sub> =5.5	20.0	7.5	KMI	26.0	307	EP	02 47 47.5	- 0.3					
WMQ	46.5	322	IPC	01 14 51.0	0.0						AP	02 47 56.5	- 1.0					
			(S)	01 21 40.0	3.3						ES	02 52 12.0	- 2.1					
			LN		M <sub>s</sub> =6.0	21.0	17.1				LN		M <sub>s</sub> =4.5	16.0	1.0			
KSH	52.4	312	EP	01 15 36.0	- 0.2			XAN	27.9	329	EP	02 48 03.5	- 1.7					
			ES	01 23 03.0	4.2						ES	02 52 48.0	3.0					
			XS	01 23 29.0	14.1						LN		M <sub>s</sub> =4.6	12.0	0.7			
			LN		M <sub>s</sub> =5.6	16.0	4.7				LE			12.0	0.6			
1984 11 12											DL2	28.5	353	EP	02 48 06.0	- 4.6		
O=02 42 16.1 +/- 0.17 SEC														ES	02 52 54.0	- 0.6		
LAT=10.47 N +/- 2.20 KM														LE		M <sub>s</sub> =4.5	12.0	0.7
LONG=125.42 E +/- 3.97 KM											CD2	28.6	318	P	02 48 10.6	- 0.9		
DEPTH=38 KM +/- 1.24 KM														ES	02 53 00.0	3.8		
M <sub>s</sub> (CHINA)=4.8/19, M <sub>s</sub> z(NEIS)=4.4, mb(NEIS)=5.0														LN		M <sub>s</sub> =4.8	11.0	1.2
STATIONS USED=60, STAND DEV=2.61 SEC											TI Y	29.5	338	EP	02 48 21.0	1.2		
GZH	17.0	318	EP	02 46 13.4	- 0.1						S	02 53 10.0	- 1.0					
			S <sub>m</sub> E			9.0	1.0				LN		M <sub>s</sub> =4.8	13.0	1.0			
			EXS	02 49 34.0	- 0.2						LE			13.0	1.0			
			LN		M <sub>s</sub> =4.6	12.0	1.6	BJI	30.6	345	EP	02 48 28.0	- 0.9					
			LE			11.0	1.0				ES	02 53 29.0	1.8					
QZN	17.3	301	EP	02 46 18.0	1.5						LE		M <sub>s</sub> =4.5	11.0	0.7			
			PP	02 46 32.0	2.2						SNY	31.3	357	EP	02 48 34.7	- 0.4		
			ES	02 49 32.0	0.4						ES	02 53 32.0	- 6.3					
			LN		M <sub>s</sub> =4.5	12.0	1.6				LN		M <sub>s</sub> =4.9	15.0	1.1			
			LE			12.0	0.6				LE			13.0	1.4			
SSE	20.9	349	EP	02 46 57.7	- 0.2			LZH	32.1	325	EP	02 48 42.0	- 0.9					
			XP	02 47 10.7	- 1.6			HHC	32.6	340	EP	02 48 47.0	- 0.2					
			PP	02 47 26.0	5.7			BTO	33.0	338	EP	02 48 49.6	- 0.4					
			ES	02 50 45.0	1.0			CN2	33.2	0	EP	02 48 55.0	3.0					
			XS	02 51 02.0	2.9						AP	02 49 04.0	1.8					
			LE		M <sub>s</sub> =4.6	12.0	1.5				ES	02 54 20.0	11.5					
NJ 2	22.3	345	EP	02 47 13.0	0.9						XS	02 54 35.0	9.4					
			S	02 51 20.0	9.5						LE		M <sub>s</sub> =4.9	11.0	1.3			
			LE		M <sub>s</sub> =4.8	12.0	2.0	MDJ	34.2	5	EP	02 49 01.0	0.3					
WHN	22.5	334	EP	02 47 15.0	1.3			GTA	36.8	325	PC	02 49 21.7	- 0.7					
			S	02 51 21.0	7.7						LN		M <sub>s</sub> =4.6	11.5	0.3			
											LE			12.0	0.5			

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
WMQ	46.6	322	P	02 50 42.0	- 0.6		
KSH	52.5	312	EP	02 51 40.0	12.0		
1984 11 12							
O=03 32 48.9 +/- 0.27 SEC							
LAT=10.47 N +/- 2.47 KM							
LONG=125.37 E +/- 3.84 KM							
DEPTH=66 KM +/- 2.74 KM							
Ms(CHINA)=4.4/5, mb(NEIS)=4.9							
STATIONS USED=43, STAND DEV=3.21 SEC							
GZH	17.0	319	EP	03 36 44.6	0.5		
			ES	03 40 00.0	10.0		
			S <sub>m</sub> E			7.0	0.7
			LN	Ms=4.0		12.0	0.4
			LE			12.0	0.3
QZN	17.2	301	EP	03 36 55.0	8.0		
			ES	03 40 03.0	5.5		
NJ2	22.3	345	PC	03 37 43.6	1.4		
			LE			11.0	0.7
WHN	22.4	334	EP	03 37 45.0	1.3		
			ES	03 41 49.0	7.9		
			S <sub>m</sub> E			10.0	0.6
			LN	Ms=4.7		21.0	2.8
GYA	23.8	314	P	03 37 59.0	2.3		
			S	03 42 15.0	10.4		
KMI	25.9	307	EP	03 38 17.5	- 0.1		
XAN	27.9	329	EP	03 38 33.6	- 1.5		
CD2	28.6	318	EP	03 38 40.5	- 0.8		
SNY	31.3	357	EP	03 39 05.0	- 0.2		
			ES	03 44 00.0	- 6.1		
			LE	Ms=4.5		16.0	0.9
LZH	32.1	326	EP	03 39 12.0	- 0.7		
			P <sub>m</sub> Z			2.0	0.1
CN2	33.2	0	EP	03 39 26.0	4.0		
			ES	03 44 42.0	5.7		
			LN	Ms=4.4		11.0	0.4
MDJ	34.2	5	EP	03 39 31.5	0.8		
GTA	36.7	326	P	03 39 52.1	0.0		
WMQ	46.5	322	P	03 41 12.0	- 0.2		
1984 11 12							
O=04 49 19.8 +/- 0.12 SEC							
LAT=10.57 N +/- 1.29 KM							
LONG=125.57 E +/- 1.84 KM							
DEPTH=44 KM +/- 0.80 KM							
mb(NEIS)=4.6							

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
STATIONS USED=17, STAND DEV=1.59 SEC							
QZN	17.4	300	EP	04 53 22.6	2.0		
			ES	04 56 31.0	- 5.7		
WHN	22.4	333	EP	04 54 18.0	1.5		
GYA	23.8	314	P	04 54 31.6	1.4		
KMI	26.0	306	EP	04 54 51.0	- 0.4		
XAN	27.9	329	EP	04 55 05.7	- 2.4		
CD2	28.6	318	EP	04 55 13.0	- 1.7		
SNY	31.2	357	EP	04 55 37.0	- 0.3		
GTA	36.7	325	P	04 56 24.2	- 1.2		
1984 11 12							
O=09 20 36.0 +/- 0.11 SEC							
LAT=36.89 N +/- 0.91 KM							
LONG=71.21 E +/- 1.43 KM							
DEPTH=103 KM +/- 0.75 KM							
mb(NEIS)=4.4							
STATIONS USED=14, STAND DEV=1.69 SEC							
KSH	4.6	54	EP	09 21 47.0	2.8		
			ES	09 22 38.0	1.5		
			S <sub>m</sub> N			2.0	2.9
WMQ	14.3	56	P	09 23 54.3	- 1.2		
GTA	22.6	74	IPC	09 25 31.0	2.0		
XAN	30.7	83	EP	09 26 43.5	- 0.4		
1984 11 12							
O=10 35 56.0 +/- 0.07 SEC							
LAT=28.76 N +/- 0.86 KM							
LONG=103.78 E +/- 0.73 KM							
DEPTH=33 KM +/- 0.06 KM							
Ms(CHINA)=3.9/4, mb(NEIS)=4.8, ML(CHINA)=3.9/6							
STATIONS USED=24, STAND DEV=1.34 SEC							
CD2	2.1	359	P	10 36 32.1	1.9		
			I	10 36 35.1			
			S	10 37 00.7	4.7		
			S <sub>m</sub> E			ML=4.3	0.4 2.1
			LE			Ms=3.9	6.0 2.3
GYA	3.4	131	P	10 36 49.6	0.9		
			I	10 37 00.4			
			S	10 37 34.0	5.2		
			I	10 37 50.0			
			S <sub>m</sub> N			ML=3.9	1.0 0.4
			S <sub>m</sub> E				1.0 0.3
KMI	3.7	194	EP	10 36 51.0	- 2.1		
			S	10 37 36.0	- 0.8		
			LE			Ms=3.6	6.0 0.7

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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
LZH	7.3	0	EP	10 38 12.5	29.5			TIY	88.7	312	PD	11 03 47.0	0.8		
			I	10 39 49.5							P <sub>m</sub> Z			2.0	0.3
WHN	9.4	76	EP	10 38 12.0	0.2						SKS	11 13 28.0	2.7		
			ES	10 39 56.0	- 1.2						S	11 13 57.0	7.8		
			LE		Ms=4.0	9.0	0.8				S <sub>m</sub> N			7.5	0.5
GZH	10.3	121	EP	10 38 22.9	- 1.7			XAN	89.2	308	EP	11 03 49.0	0.7		
			S	10 40 18.0	- 2.0						SKS	11 13 28.5	0.4		
			LN		Ms=4.2	5.0	0.4				S	11 13 58.0	4.6		
			LE			6.0	0.6				S <sub>m</sub> N			8.0	0.3
NJ2	13.4	72	E(P)	10 39 06.0	- 0.7						S <sub>m</sub> E			8.0	0.4
CN2	22.9	43	EP	10 41 00.0	1.4			KMI	89.5	297	EP	11 03 51.0	1.0		
											SKS	11 13 34.0	3.9		
											S	11 14 02.5	5.8		
								HHC	91.0	315	EP	11 03 59.0	2.3		
								CD2	91.4	303	P	11 04 00.7	2.0		
								BTO	91.8	314	EP	11 04 01.0	0.4		
								GTA	98.1	309	P	11 04 29.9	0.4		
											SKS	11 14 18.2	0.8		
											S	11 15 19.0	8.5		
1984 11 12															
O=10 51 45.4 +/- 0.25 SEC															
LAT=24.97 S +/- 5.96 KM															
LONG=179.67 E +/- 4.04 KM															
DEPTH=508 KM +/- 4.04 KM															
mb(NEIS)=5.2															
STATIONS USED=65, STAND DEV=3.93 SEC															
QZH	77.1	305	PR	11 02 48.0	- 0.2										
			S	11 11 58.0	1.8										
			SCS	11 12 17.0	1.3										
QZN	80.8	295	EP	11 03 08.6	1.1										
			S	11 12 36.0	2.2										
NJ2	81.1	311	PD	11 03 10.4	1.2										
			S	11 12 39.0	1.8										
MDJ	83.0	326	EP	11 03 19.2	0.6										
WHN	83.4	307	EP	11 03 22.5	1.8										
DL2	83.6	318	EP	11 03 22.0	0.6										
			ES	11 13 04.0	2.9										
SNY	84.3	321	EP	11 03 24.7	- 0.4										
			ESKS	11 12 53.0	- 4.3										
CN2	84.6	323	IPD	11 03 26.2	- 0.2										
			S <sub>m</sub> Z			3.0	0.4								
			AP	11 05 20.5	2.7										
			S	11 13 12.0	1.1										
			S <sub>m</sub> N			6.0	0.7								
			XS	11 16 31.0	4.0										
TIA	84.8	313	P	11 03 28.3	0.9										
			AP	11 05 17.8	- 1.0										
GYA	87.0	300	P	11 03 39.8	1.4										
BJI	87.6	316	EP	11 03 42.0	1.1										
			ESKS	11 13 21.0	2.4										
			ES	11 13 42.0	2.9										
			S <sub>m</sub> N			6.0	0.5								
			S <sub>m</sub> E			5.0	0.4								
1984 11 12															
O=12 04 59.2 +/- 0.15 SEC															
LAT=25.21 S +/- 2.77 KM															
LONG=179.57 E +/- 2.63 KM															
DEPTH=551 KM +/- 1.74 KM															
mb(NEIS)=4.9															
STATIONS USED=19, STAND DEV=1.99 SEC															
NJ2	81.2	311	PC	12 16 19.0	- 0.6										
WHN	83.5	307	P	12 16 31.4	0.5										
CN2	84.7	323	PD	12 16 35.4	- 1.6										
TIA	84.8	313	EP	12 16 37.1	- 0.6										
TIY	88.8	313	EP	12 16 56.3	- 0.1										
CD2	91.5	303	P	12 17 10.1	1.4										
			P <sub>m</sub> Z											1.0	0.03
1984 11 12															
O=12 31 14.2 +/- 0.16 SEC															
LAT=10.87 S +/- 2.33 KM															
LONG=164.98 E +/- 4.41 KM															
DEPTH=34 KM +/- 0.82 KM															
mb(NEIS)=4.8															
STATIONS USED=31, STAND DEV=2.80 SEC															
NJ2	61.4	315	EP	12 41 24.6	- 5.0										
MDJ	63.8	332	EP	12 41 55.5	9.4										
CN2	65.2	329	EP	12 41 53.0	- 2.0										
GYA	67.7	304	P	12 42 20.6	9.7										

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	69.4	312	EP	12 42 20.4	- 1.3						ESKS	13 30 44.0	2.3			
KMI	70.4	301	PC	12 42 28.0	0.4						S	13 31 03.0	13.9			
CD2	71.9	307	P	12 42 36.2	- 0.3						S <sub>m</sub> N			8.0	0.9	
LZH	74.1	312	EP	12 42 49.5	0.0						S <sub>m</sub> E			8.0	0.7	
GTA	78.4	314	IPD	12 43 14.2	0.2			SNY	84.6	318	EP	13 20 30.3	- 1.5			
WMQ	88.4	315	EP	12 44 04.2	- 0.9						AP	13 20 59.0	1.9			
											S	13 31 06.0	16.4			
											S <sub>m</sub> N			7.0	1.3	
1984 11 12								WHN	85.5	304	P	13 20 40.0	3.4			
O=	13 08 07.5		+/-	0.12 SEC							ES	13 30 58.0	- 1.0			
LAT=	20.06 S		+/-	4.34 KM				TIA	86.1	310	EP	13 20 39.9	0.7			
LONG=	173.62 W		+/-	2.19 KM							P <sub>m</sub> N			5.0	0.4	
DEPTH=	99 KM		+/-	1.36 KM							P <sub>m</sub> E			5.0	0.4	
mb(NEIS)	= 5.1										P <sub>m</sub> Z			5.0	0.9	
STATIONS USED=63, STAND DEV=2.06 SEC											XP	13 21 16.0	0.7			
QZH	79.6	301	EP	13 20 05.0	- 1.5						S	13 31 07.5	3.4			
			SKS	13 30 09.0	1.0						S <sub>m</sub> N			10.0	0.4	
			S <sub>m</sub> N			9.0	0.4				S <sub>m</sub> E			10.5	0.5	
			S <sub>m</sub> E			9.0	0.7				PS	13 32 22.5				
SSE	80.6	307	PU	13 20 10.0	- 1.6			BJI	88.5	313	EP	13 20 52.0	1.0			
			P <sub>m</sub> Z			8.0	0.8				AP	13 21 18.5	2.0			
			AP	13 20 32.0	- 4.6						P <sub>m</sub> Z			6.0	0.5	
			XP	13 20 46.0	- 1.6						ESKS	13 31 19.0	11.3			
			SKS	13 30 22.0	7.2						ES	13 31 45.0	17.8			
MDJ	82.6	322	EP	13 20 22.0	0.1						S <sub>m</sub> N			11.0	0.9	
			XP	13 20 59.0	1.1						S <sub>m</sub> E			11.0	0.9	
			S	13 30 47.0	17.2						EXS	13 32 29.5	18.0			
NJ2	82.8	307	PU	13 20 22.0	- 1.0			GYA	90.0	298	P	13 21 05.0	6.7			
			P <sub>m</sub> Z			5.0	0.6				TIY	90.1	310	E(P)	13 21 01.0	2.5
			AP	13 20 46.0	- 2.2						AP	13 21 26.0	2.1			
			S	13 30 49.0	16.9						SKS	13 31 33.5	16.2			
GZH	83.1	297	EP	13 20 26.5	1.9						S	13 32 03.0	21.2			
			S	13 30 55.0	19.7						XS	13 32 33.0	7.1			
			S <sub>m</sub> E			9.0	0.5				LN			13.0	0.3	
DL2	84.3	314	E(P)	13 20 28.0	- 2.4			XAN	91.2	305	EP	13 21 04.2	0.6			
			ES	13 30 55.0	8.2						XP	13 21 40.0	0.2			
QZN	84.5	292	EP	13 20 32.0	0.7						ESKS	13 31 32.0	8.3			
			P <sub>m</sub> Z			8.0	0.6				S	13 32 07.5	16.1			
			AP	13 20 57.0	0.5						S <sub>m</sub> N			1.0	1.1	
			XP	13 21 10.5	3.1						S <sub>m</sub> E			10.0	1.4	
			PP	13 23 52.0	3.4			HHC	92.0	312	EP	13 21 09.0	1.4			
			ES	13 30 53.0	4.4						KMI	92.8	295	PD	13 21 14.0	2.6
			S <sub>m</sub> N			10.0	0.4				S	13 32 18.0	11.6			
			S <sub>m</sub> E			10.0	0.5				S <sub>m</sub> E			12.0	0.6	
CN2	84.5	320	PU	13 20 30.0	1.6			BTO	93.0	312	EP	13 21 12.0	0.0			
			P <sub>m</sub> Z			5.0	1.0				SKS	13 31 38.0	4.0			
			XP	13 21 07.0	- 0.7											

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STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			S	13 32 20.0	12.5			GTA	32.9	283	IPD	18 54 13.1	0.7		
CD2	94.0	301	(P)	13 21 19.4	2.7			GYA	32.9	257	P	18 54 12.8	0.3		
			ESKS	13 31 53.0	13.2			KMI	36.6	258	PC	18 54 45.0	1.0		
			S	13 32 38.0	21.6			WMQ	40.6	294	P	18 55 18.0	0.6		
			S <sub>m</sub> E			8.0	2.1								
1984 11 12								1984 11 13							
O=16 59 09.9 +/- 0.08 SEC								O=10 41 59.4 +/- 0.08 SEC							
LAT=39.83 N +/- 2.73 KM								LAT=24.15 N +/- 0.98 KM							
LONG=142.96 E +/- 1.75 KM								LONG=94.25 E +/- 0.74 KM							
DEPTH=57 KM +/- 1.96 KM								DEPTH=83 KM +/- 0.29 KM							
mb(NEIS)=4.8								mb(NEIS)=4.4, ML(CHINA)=4.0/3							
STATIONS USED=13, STAND DEV=1.33 SEC								STATIONS USED=11, STAND DEV=1.16 SEC							
MDJ	11.0	300	EP	17 01 45.5	-1.8			KMI	7.8	81	EP	01 43 54.0	1.6		
NJ2	21.0	255	EP	17 03 50.0	-0.7			GTA	15.9	15	EP	01 45 41.0	0.7		
XAN	27.7	268	EP	17 04 53.5	-1.8			1984 11 13							
GYA	33.0	257	P	17 05 42.4	0.5			O=06 40 35.6 +/- 0.16 SEC							
GTA	33.0	283	IPD	17 05 42.3	0.0			LAT=39.70 N +/- 3.06 KM							
KMI	36.6	258	PD	17 06 15.0	1.6			LONG=73.81 E +/- 2.25 KM							
WMQ	40.7	294	P	17 06 48.0	0.6			DEPTH=35 KM +/- 0.28 KM							
1984 11 12								mb(NEIS)=4.8, ML(CHINA)=4.7/1							
O=18 47 41.1 +/- 0.09 SEC								STATIONS USED=38, STAND DEV=2.13 SEC							
LAT=39.94 N +/- 2.38 KM								KSH							
LONG=142.91 E +/- 1.67 KM								1.7 97 PC 06 41 00.0 - 3.2							
DEPTH=61 KM +/- 1.44 KM								ES 06 41 21.0 3.2							
Ms(CHINA)=4.1/4, mb(NEIS)=5.0								WMQ							
STATIONS USED=50, STAND DEV=1.75 SEC								11.2 63 P 06 43 14.3 - 1.8							
MDJ	10.9	299	EP	18 50 17.5	0.4			LG <sub>2</sub> 06 46 26.0 -17.8							
CN2	13.6	292	EP	18 50 53.0	0.5			LN 2.0 0.3							
			ES	18 53 23.0	0.6			LE 2.0 0.2							
			LN			Ms=4.0	12.0 0.7	GTA							
SNY	14.7	283	EP	18 51 05.5	-2.3			20.0 82 IPC 06 45 08.0 - 0.8							
			S	18 53 52.0	1.8			LZH							
			LE			Ms=4.1	18.0 1.3	23.9 89 EP 06 45 49.5 1.8							
DL2	16.5	273	EP	18 51 29.0	-0.8			P <sub>m</sub> Z 1.5 0.07							
SSE	19.7	250	E(P)	18 52 10.2	1.7			CD2							
TIA	20.6	267	EP	18 52 16.0	-1.9			25.9 100 P 06 46 07.2 0.9							
			LE			Ms=4.1	16.5 0.7	XAN							
NJ2	21.0	255	PC	18 52 20.5	-0.9			28.5 90 EP 06 46 29.4 - 1.1							
			LE					GYA							
BTO	25.0	282	EP	18 53 01.0	-0.4			30.4 105 P 06 47 02.2 15.4							
WHN	25.1	256	EP	18 53 02.5	1.0			TIA							
XAN	27.7	268	EP	18 53 24.4	-1.3			34.1 81 EP 06 47 19.0 - 0.3							
LZH	30.8	275	EP	18 53 54.0	-0.2			WHN							
CD2	32.9	266	P	18 54 12.0	-0.3			34.2 92 EP 06 47 19.0 - 0.9							
1984 11 13								NJ2							
O=09 18 08.8 +/- 0.18 SEC								37.0 87 EP 06 47 45.4 1.5							
LAT=13.47 N +/- 1.34 KM								1984 11 13							
LONG=120.54 E +/- 1.76 KM								O=09 18 08.8 +/- 0.18 SEC							
DEPTH=58 KM +/- 1.52 KM								LAT=13.47 N +/- 1.34 KM							
Ms(CHINA)=4.5/2, mb(NEIS)=4.7								LONG=120.54 E +/- 1.76 KM							
STATIONS USED=16, STAND DEV=2.29 SEC								DEPTH=58 KM +/- 1.52 KM							
QZN	11.7	299	EP	09 20 49.8	-5.3			Ms(CHINA)=4.5/2, mb(NEIS)=4.7							
								STATIONS USED=16, STAND DEV=2.29 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
			LE			24.0	0.9				P <sub>m</sub> Z			4.0	3.7
CN2	46.8	29	EP	04 16 44.0	- 0.9						ES	05 57 49.0	1.1		
											LN			13.0	2.7
								TIA	19.4	350	P	05 54 33.0	0.2		
											XP	05 55 09.0	- 0.4		
											PCP	05 58 49.4	0.2		
											S	05 58 06.5	5.8		
											S <sub>m</sub> N			6.0	2.2
											S <sub>m</sub> E			6.5	1.9
											SS	05 58 34.5	0.5		
											SCS	06 05 56.6	3.2		
											LN			15.0	1.6
											LE			13.5	1.3
								XAN	20.1	329	P	05 54 39.7	- 0.1		
											P <sub>m</sub> Z			3.0	1.7
											XP	05 55 16.0	1.3		
											IS	05 58 16.0	2.2		
											S <sub>m</sub> N			7.0	1.7
											S <sub>m</sub> E			12.0	5.9
											LE			11.0	1.2
								CD2	20.8	314	IP D	05 54 48.5	0.7		
											P <sub>m</sub> Z			3.0	3.0
											S	05 58 33.0	4.4		
											LE			11.0	3.5
								DL2	21.8	1	PR	05 54 59.0	1.8		
											AP	05 55 20.0	- 1.0		
											XP	05 55 34.0	- 1.8		
											S	05 58 48.0	2.2		
											S <sub>m</sub> N			8.0	7.0
											S <sub>m</sub> E			8.0	2.2
											LE			12.0	1.7
								TIY	21.9	341	PR	05 54 59.5	1.2		
											P <sub>m</sub> Z			5.0	1.7
											AP	05 55 22.0	- 0.1		
											XP	05 55 42.0	5.1		
											S	05 58 57.0	9.1		
											S <sub>m</sub> N			9.0	3.1
											S <sub>m</sub> E			10.0	2.9
											LN			9.0	1.4
								BJI	23.3	350	PD	05 55 13.0	1.4		
											P <sub>m</sub> N			4.0	1.4
											P <sub>m</sub> E			3.0	0.6
											P <sub>m</sub> Z			4.0	2.2
											AP	05 55 36.0	- 0.1		
											XP	05 55 50.0	- 0.7		
											ES	05 59 22.0	10.2		



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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
			LE		Ms=4.3	12.0	0.9	MDJ	53.9	47	EP	12 07 43.0	- 1.0		
HHC	20.7	326	EP	10 43 34.1	- 2.8										
CD2	21.2	293	EP	10 43 40.8	- 1.0										
			LN		Ms=4.7	10.0	1.6								
BTO	21.3	323	EP	10 43 42.0	- 1.3										
KMI	21.6	277	PC	10 43 47.5	1.2										
			S	10 47 45.0	5.8										
			LN		Ms=4.2	14.0	0.6								
LZH	22.8	306	EP	10 43 56.0	- 1.8										
			LE			11.0	1.2								
GTA	27.1	310	P	10 44 37.1	- 1.7										
1984 11 14															
				O=10 55 31.3	+/- 0.09 SEC										
				LAT=55.86 N	+/- 1.02 KM										
				LONG=160.58 E	+/- 1.15 KM										
				DEPTH=108 KM	+/- 0.20 KM										
				mb(NEIS)=4.8											
				STATIONS USED=34, STAND DEV=1.07 SEC											
MDJ	22.6	253	EP	11 00 26.0	2.4										
CN2	25.4	256	EP	11 00 47.6	- 2.7										
TIA	35.2	254	EP	11 02 15.6	- 2.0										
GTA	42.6	273	P	11 03 19.3	0.1										
			PCP	11 05 09.0	- 0.2										
WMQ	46.4	287	P	11 03 49.8	0.8										
1984 11 14															
				O=11 58 17.8	+/- 0.58 SEC										
				LAT=17.23 N	+/- 1.51 KM										
				LONG=73.7E	+/- 1.32 KM										
				DEPTH=10 KM	+/- 3.37 KM										
				mb(NEIS)=4.6											
				STATIONS USED=29, STAND DEV=1.17 SEC											
KSH	22.2	4	EP	12 03 18.5	1.8										
KMI	28.1	68	PC	12 04 13.0	0.7										
			LN			10.0	0.3								
WMQ	29.0	21	P	12 04 20.7	0.2										
CD2	30.5	57	EP	12 04 33.0	- 0.4										
GTA	31.6	40	IPD	12 04 43.8	- 0.1										
GYA	31.8	67	P	12 04 45.2	- 0.1										
XAN	35.6	55	EP	12 05 17.8	- 0.4										
WHN	39.2	62	P	12 05 48.5	0.4										
TIA	42.7	54	EP	12 06 17.2	0.3										
NJ2	43.2	61	PC	12 06 22.1	0.6										
SNY	49.0	49	PC	12 07 06.4	- 0.5										
CN2	50.8	47	PD	12 07 20.4	- 0.5										
1984 11 14															
				O=17 42 19.2	+/- 0.42 SEC										
				LAT=22.25 N	+/- 4.00 KM										
				LONG=120.76 E	+/- 4.88 KM										
				DEPTH=33 KM	+/- 2.75 KM										
				Ms(CHINA)=3.4/2, ML(CHINA)=3.3/3											
				STATIONS USED=6, STAND DEV=3.71 SEC											
QZH	3.3	323	EP	17 43 14.0	3.8										
			LE		Ms=3.2	8.0	0.4								
GZH	6.9	278	LP	17 44 02.5	1.9										
			ES	17 45 19.2	0.4										
CD2	17.5	303	EP	17 46 28.1	6.0										
1984 11 14															
				O=18 21 01.2	+/- 0.12 SEC										
				LAT=9.41 S	+/- 1.71 KM										
				LONG=149.83 E	+/- 2.42 KM										
				DEPTH=33 KM	+/- 0.33 KM										
				mb(NEIS)=4.9											
				STATIONS USED=21, STAND DEV=2.09 SEC											
KMI	57.3	307	EP	18 30 51.5	2.7										
XAN	58.1	320	EP	18 30 53.5	- 0.7										
CD2	59.6	314	EP	18 31 05.6	0.5										
BTO	61.8	326	EP	18 31 25.0	4.9										
LZH	62.6	318	EP	18 31 20.0	- 5.3										
GTA	67.1	319	EP	18 31 55.9	1.4										
WMQ	77.2	318	P	18 32 54.2	- 0.2										
1984 11 14															
				O=19 14 04.6	+/- 0.25 SEC										
				LAT=21.95 N	+/- 3.54 KM										
				LONG=120.77 E	+/- 3.10 KM										
				DEPTH=14 KM	+/- 1.17 KM										
				Ms(CHINA)=4.4/19, Msz(NEIS)=4.7											
				mb(NEIS)=4.8, ML(CHINA)=3.8/6											
				STATIONS USED=45, STAND DEV=3.08 SEC											
QZH	3.6	326	EPN	19 14 59.5	- 1.7										
			LE		Ms=3.8	10.0	1.7								
GZH	7.0	280	EPN	19 15 48.0	- 0.9										
			SN	19 17 05.6	- 3.3										
			LN		Ms=4.2	10.0	1.3								
			LE			12.0	1.6								
SSE	9.1	2	EP	19 16 26.0	7.1										
			S	19 18 18.0	15.4										



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
			LN		Ms=4.2	12.0	1.6				LN		Ms=4.1	13.0	0.4
			LE			12.0	0.6	WMQ	35.1	316	EP	19 20 58.0	- 0.9		
NJ2	10.2	350	EP	19 16 30.0	- 4.0										
			LG <sub>2</sub>	19 19 51.0	9.8										
			LN		Ms=4.4	12.0	2.4								
WHN	10.3	327	P	19 16 32.4	- 3.1										
QZN	10.6	256	EP	19 16 41.8	1.7										
			LG <sub>1</sub>	19 19 36.0	- 3.0										
			LN		Ms=4.3	13.0	1.5								
			LE			14.0	1.6								
GYA	13.6	291	P	19 17 21.8	1.4			QZH	69.0	309	IPU	02 57 16.0	- 0.2		
			LN		Ms=4.8	12.0	1.0				P <sub>m</sub> N			7.0	3.3
			LE			12.0	4.6				P <sub>m</sub> E			7.0	4.8
TIA	14.6	348	EP	19 17 38.1	5.6						P <sub>m</sub> Z			7.0	13.7
			LN		Ms=4.6	12.0	1.4				AP	02 57 48.0	6.0		
			LE			12.0	2.0				XP	02 57 58.0	4.2		
XAN	15.9	321	EP	19 17 49.0	- 1.4						S	03 06 06.0	- 5.6		
			LG	19 22 35.0							S <sub>m</sub> E			14.0	25.9
			LN		Ms=4.4	11.0	0.7				SCS	03 06 57.0	- 5.4		
			LE			10.0	0.9				LN			18.0	10.4
KMI	16.8	284	EP	19 18 07.0	5.0						LE			18.0	7.0
			LE		Ms=4.4	12.0	1.3	SSE	71.1	316	PD	02 57 30.0	0.7		
TIY	17.3	337	EP	19 18 08.5	1.0						P <sub>m</sub> N			6.0	2.3
			LG <sub>2</sub>	19 23 39.0	4.4						P <sub>m</sub> E			6.0	2.4
			LN		Ms=4.4	12.0	0.9				P <sub>m</sub> Z			6.0	11.7
			LE			12.0	1.1				PCP	02 57 49.0	0.9		
CD2	17.6	303	EP	19 18 12.8	0.8						AP	02 58 03.0	7.8		
			S	19 21 26.0	- 6.2						PP	03 00 06.0	- 3.8		
			LN		Ms=4.5	14.0	1.7				S	03 06 36.0	- 0.6		
BJI	18.4	348	EP	19 18 21.0	- 0.9						SCS	03 07 20.0	0.7		
			ES	19 21 55.0	5.3						ESS	03 11 08.0	- 5.1		
			LN		Ms=4.2	12.0	0.8				LN			24.0	42.0
SNY	20.0	6	EP	19 18 47.4	7.9						LE			24.0	41.3
			ES	19 22 26.0	7.5						IPU	02 57 34.0	0.9		
			LE		Ms=4.2	20.0	1.1	QZH	71.8	305	P <sub>m</sub> Z			7.0	9.4
LZH	20.4	317	PC	19 18 44.0	- 0.2						AP	02 58 08.0	9.0		
			P <sub>m</sub> Z			2.0	0.08				PP	03 00 19.0	4.2		
HHC	20.4	339	PD	19 18 44.3	0.1						S	03 06 47.0	3.1		
BTO	20.7	336	EP	19 18 47.0	- 0.5						S <sub>m</sub> E			16.0	17.8
CN2	22.1	9	EP	19 19 11.2	9.4						XS	03 07 38.0	9.1		
			ESS	19 23 16.0	-22.8						SS	03 11 23.0	0.6		
			LN		Ms=4.4	13.0	1.0	QZN	72.3	299	IPU	02 57 37.0	0.6		
MDJ	23.7	15	EP	19 19 16.5	- 1.2						P <sub>m</sub> N			8.0	2.2
GTA	25.0	318	IPC	19 19 29.4	- 0.1						P <sub>m</sub> E			7.0	3.3
			PCP	19 23 03.8	- 1.3						P <sub>m</sub> Z			7.0	13.3
			SCP	19 26 41.8	- 0.4										

STA CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	
			AP	02 58 09.0	6.7						P <sub>m</sub> N			7.0	3.1	
			PP	03 00 20.0	0.5						P <sub>m</sub> E			7.0	3.8	
			PP <sub>m</sub> E			8.0	3.5				P <sub>m</sub> Z			7.0	11.1	
			PP <sub>m</sub> Z			8.0	5.0				AP	02 58 38.5	8.9			
			IS	03 06 55.0	4.7						PP	03 00 53.5	- 5.5			
			S <sub>m</sub> N			18.0	28.1				PP <sub>m</sub> Z			6.0	2.9	
			S <sub>m</sub> E			16.0	30.2				S	03 07 44.5	2.0			
			XS	03 07 40.5	5.2						S <sub>m</sub> N			12.0	4.6	
			SS	03 11 35.5	4.5						S <sub>m</sub> E			15.5	11.2	
			LE			18.0	27.4				SCS	03 08 09.4	2.9			
NJ2	73.3	315	PU	02 57 42.0	0.2						XS	03 08 32.0	4.1			
			P <sub>m</sub> Z			7.0	10.2				SS	03 12 55.0	12.4			
			AP	02 58 16.5	8.6						LN			25.0	38.1	
			PP	03 00 24.0	- 3.9						LE			23.0	55.2	
			PP <sub>m</sub> Z			6.0	6.1			SNY	77.1	325	IPU	02 58 03.3	- 0.5	
			S	03 06 60.0	- 0.9								P <sub>m</sub> Z		6.0	11.2
			S <sub>m</sub> N			24.0	31.5						AP	02 58 31.0	1.0	
			PS	03 07 42.0									PP	03 01 04.0	4.3	
			SS	03 11 42.0	- 3.9								IS	03 07 47.0	3.6	
WHN	75.4	311	PC	02 57 54.0	0.1								S <sub>m</sub> N		9.0	10.1
			AP	02 58 29.0	9.0								XS	03 08 22.0	- 6.9	
			PP	03 00 48.0	2.3								SS	03 12 40.0	- 3.9	
			S	03 07 26.0	1.9								LN		19.0	17.8
			S <sub>m</sub> E			15.0	13.0						LE		22.0	20.6
			LN			20.0	15.6			CN2	77.6	328	IPC	02 58 06.0	- 0.5	
DL2	76.1	322	I P U	02 57 58.0	- 0.3								P <sub>m</sub> Z		7.0	12.7
			P <sub>m</sub> N			6.0	3.8						AP	02 58 34.0	1.3	
			P <sub>m</sub> E			6.0	4.6						XP	02 58 47.0	2.7	
			P <sub>m</sub> Z			7.0	10.9						PP	03 01 09.0	4.8	
			AP	02 58 34.5	10.0								PP <sub>m</sub> Z		3.0	1.6
			PP	03 00 53.0	1.2								ES	03 07 50.0	1.5	
			S	03 07 35.0	2.3								S <sub>m</sub> N		4.0	0.3
			S <sub>m</sub> N			8.0	7.0						S <sub>m</sub> E		4.0	0.3
			S <sub>m</sub> E			14.0	10.6			GYA	78.7	304	PU	02 58 13.0	0.3	
			XS	03 08 20.0	1.8								P <sub>m</sub> N		7.0	1.8
			LN			15.0	5.9						P <sub>m</sub> E		7.0	2.9
			LE			21.0	31.5						P <sub>m</sub> Z		7.0	10.5
MDJ	76.3	330	IPC	02 57 59.0	0.0								AP	02 58 49.0	10.2	
			P <sub>m</sub> Z			6.0	17.0						PP	03 01 14.0	0.8	
			AP	02 58 36.0	10.8								S	03 08 00.0	- 0.5	
			PP	02 00 52.0	- 0.8								S <sub>m</sub> N		15.0	6.1
			IS	03 07 38.0	4.0								S <sub>m</sub> E		15.0	15.5
			S <sub>m</sub> E			12.0	7.0						XS	03 08 48.0	2.1	
			SS	03 12 42.0	10.8								LN		20.0	9.2
			LE			25.0	45.8			BJI	80.0	320	PU	02 58 20.0	0.1	
TIA	77.0	317	PC	02 58 03.0	- 0.4								P <sub>m</sub> N		7.0	2.8

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			P <sub>m</sub> E			7.0	3.7				AP	02 59 13.0	10.5			
			P <sub>m</sub> Z			7.0	10.9				PP	03 01 50.0	0.3			
			AP	02 58 48.0	1.9						SKS	03 08 50.0	6.8			
			XP	02 59 01.0	3.3						S <sub>m</sub> N			10.0	9.4	
			EPP	03 01 21.0	- 3.0						XS	03 09 36.0	3.6			
			ES	03 08 13.0	- 1.5						LN			46.0	47.6	
			S <sub>m</sub> N			8.0	10.1	HHC	83.3	318	IPU	02 58 37.6	0.6			
			EXS	03 09 06.0	5.8						AP	02 59 16.0	12.7			
			LN			19.0	14.9				PP	03 01 50.0	- 0.9			
TIY	80.9	316	IPU	02 58 24.5	- 0.1						SKS	03 08 45.0	0.7			
			P <sub>m</sub> N			6.0	3.9				S	03 08 50.0	1.8			
			P <sub>m</sub> E			7.0	3.9				S <sub>m</sub> N			12.0	7.9	
			P <sub>m</sub> Z			7.0	12.5				S <sub>m</sub> E			10.0	9.0	
			AP	02 59 00.0	9.2						XS	03 09 41.0	7.1			
			PP	03 01 29.5	- 2.3						SS	03 14 15.0	- 1.4			
			PP <sub>m</sub> Z			6.5	3.9	BTO	84.1	317	IPU	02 58 42.0	1.0			
			IS	03 08 25.0	1.3						P <sub>m</sub> N			6.0	2.9	
			S <sub>m</sub> E			8.0	4.3				P <sub>m</sub> E			6.0	2.2	
			SKS	03 08 26.0	- 1.7						P <sub>m</sub> Z			6.0	11.1	
			XS	03 09 10.0	0.7						AP	02 59 10.0	2.7			
			SS	03 13 18.0	-22.6						PP	03 01 56.0	- 1.3			
			LN			19.0	17.2				SKS	03 08 52.0	2.3			
			LE			20.0	9.8				IS	03 08 58.0	1.8			
KMI	81.1	301	IPC	02 58 26.5	0.9						S <sub>m</sub> N			12.0	5.4	
			P <sub>m</sub> Z			6.0	12.0				S <sub>m</sub> E			12.0	13.0	
			AP	02 59 04.0	12.3						XS	03 09 45.0	3.0			
			PP	03 01 32.5	- 0.7						LN			16.0	7.4	
			IS	03 08 28.0	2.3						LE			16.0	5.1	
			S <sub>m</sub> E			14.0	18.3	LZH	85.7	311	IPC	02 58 50.0	0.9			
			XS	03 09 20.0	9.0						P <sub>m</sub> Z			7.0	12.3	
			SS	03 13 44.0	0.9						AP	02 59 20.0	4.5			
			LN			20.0	17.0				PP	03 02 09.0	- 0.7			
XAN	81.1	312	PC	02 58 26.0	0.4						SKS	03 09 05.0	4.5			
			P <sub>m</sub> N			6.0	2.1				S	03 09 13.0	0.9			
			P <sub>m</sub> E			6.0	4.4				S <sub>m</sub> E			18.0	31.2	
			P <sub>m</sub> Z			6.0	12.2				LN			19.0	14.2	
			PP	03 01 30.0	- 3.6						LE			10.5	3.5	
			IS	03 08 24.0	- 1.9						GTA	90.2	312	IPC	02 59 10.9	0.7
			S <sub>m</sub> N			11.0	6.3				P <sub>m</sub> Z			7.0	4.1	
			S <sub>m</sub> E			15.0	26.8				SKS	03 09 32.0	3.6			
			XS	03 09 14.0	2.5						LE			18.0	12.6	
			SS	03 13 42.0	- 1.8						WMQ	100.2	313	PC	02 59 55.0	- 1.2
			LN			18.0	10.1				P <sub>m</sub> Z			6.0	3.5	
			LE			15.0	4.9				PP	03 03 57.0	- 7.5			
CD2	83.2	307	P	02 58 36.6	0.5						SKS	03 10 25.0	2.3			
			P <sub>m</sub> Z			7.0	13.6				S <sub>m</sub> N			7.6	2.6	

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STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			S <sub>m</sub> E			6.0	4.2				S <sub>m</sub> N				13.0 2.3
			LE			30.0	17.0				S <sub>m</sub> E				13.0 1.4
1984 11 15 O = 04 58 39.7 +/- 0.06 SEC LAT = 2.20 N +/- 1.03 KM LONG = 128.61 E +/- 1.71 KM DEPTH = 144 KM +/- 0.15 KM mb(NEIS) = 4.6 STATIONS USED = 10, STAND DEV = 0.89 SEC								DL2 82.0 316 P 06 04 14.0 0.1 P <sub>m</sub> Z 5.0 0.7 AP 06 05 40.0 5.6 S 06 13 59.0 1.2 S <sub>m</sub> N 7.0 1.0 S <sub>m</sub> E 9.0 2.8 PS 06 19 15.0 WHN 82.8 306 E(P) 06 04 18.0 0.1 S 06 14 09.0 3.1 S <sub>m</sub> N 10.0 2.0 XS 06 16 34.0 6.6 TIA 83.6 312 EP 06 04 20.1 - 1.8 P <sub>m</sub> Z 5.0 0.9 AP 06 05 42.1 - 0.5 ES 06 14 06.5 - 7.1 LN 24.5 3.7 BJI 86.2 315 EP 06 04 34.5 0.0 P <sub>m</sub> E 5.0 0.3 P <sub>m</sub> Z 5.0 0.6 XP 06 06 22.0 - 9.8 PP 06 07 57.0 - 4.3 ESKS 06 14 25.0 1.4 ES 06 14 42.0 3.6 S <sub>m</sub> N 8.0 1.7 S <sub>m</sub> E 8.0 2.2 GYA 87.1 299 P 06 04 40.8 1.8 AP 06 06 13.0 12.7 XP 06 06 37.0 0.8 SKS 06 14 33.0 3.6 S 06 14 51.0 3.9 S <sub>m</sub> N 9.0 2.1 S <sub>m</sub> E 9.0 1.4 TIY 87.6 311 PC 06 04 42.4 0.9 P <sub>m</sub> Z 1.2 0.1 AP 06 06 10.5 7.7 SKS 06 14 35.5 2.9 IS 06 14 58.5 6.7 S <sub>m</sub> N 8.0 1.2 S <sub>m</sub> E 8.0 2.1 XS 06 17 29.0 13.9 LN 23.0 1.6 LE 20.0 1.0 XAN 88.5 307 EP 06 04 46.4 0.8 P <sub>m</sub> Z 1.0 0.07							
XAN 36.6 332 EP 05 05 33.4 - 0.8 CD2 37.0 323 P 05 05 37.7 0.5 LZH 40.8 328 EP 05 06 10.0 1.3 P <sub>m</sub> Z 2.0 0.08 GTA 45.4 328 P 05 06 46.2 0.3								1984 11 15 O = 05 52 30.3 +/- 0.15 SEC LAT = 20.32 S +/- 2.55 KM LONG = 177.34 W +/- 1.48 KM DEPTH = 352 KM +/- 1.87 KM mb(NEIS) = 5.7 STATIONS USED = 88, STAND DEV = 1.57 SEC							
QZH 76.8 303 EP 06 03 46.0 - 0.4 IS 06 13 06.0 1.9 S <sub>m</sub> N 7.0 2.8 S <sub>m</sub> E 7.0 2.2 SCS 06 13 32.0 5.9 GZH 80.2 299 EP 06 04 06.4 2.2 S 06 13 42.5 3.4 S <sub>m</sub> N 8.0 3.5 S <sub>m</sub> E 9.0 2.8 NJ2 80.2 309 PD 06 04 05.2 0.6 IS 06 13 43.0 3.2 S <sub>m</sub> N 9.0 1.6 S <sub>m</sub> E 8.0 2.0 XS 06 16 06.0 5.7 SS 06 18 60.0 - 1.9 MDJ 80.7 324 PC 06 04 07.4 0.3 P <sub>m</sub> Z 5.0 19.8 AP 06 05 26.0 - 1.4 SKS 06 13 46.0 - 0.6 QZN 81.4 293 EP 06 04 12.0 1.6 AP 06 05 34.0 3.2 PP 06 07 10.0 - 13.0 IS 06 13 54.5 3.4															





STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
MDJ	42.2	0	EP	21 21 49.5	0.9										
GTA	45.5	328	IPC	21 22 15.8	0.1										
KSH	60.6	314	EP	21 23 53.0	-14.4										
1984 11 16															
O = 03 54 12.4 +/- 0.12 SEC															
LAT = 21.53 S +/- 1.52 KM															
LONG = 179.19 W +/- 1.30 KM															
DEPTH = 615 KM +/- 1.75 KM															
mb(NEIS) = 5.2															
STATIONS USED = 69, STAND DEV = 1.32 SEC															
SSE	77.5	310	EP	04 05 07.4	-0.6										
			P <sub>m</sub> Z			0.8	0.02								
GZH	79.3	300	PD	04 05 18.0	0.7										
MDJ	80.7	325	PC	04 05 25.4	0.5										
DL2	81.7	317	EP	04 05 26.0	-3.9										
WHN	82.2	307	P	04 05 32.4	0.2										
SNY	82.3	320	IPD	04 05 32.4	-0.4										
CN2	82.4	323	PU	04 05 32.0	-1.6										
			P <sub>m</sub> Z			2.0	0.2								
			EAP	04 07 40.0	-2.6										
			ES	04 14 52.0	-8.7										
TIA	83.2	313	EP	04 05 36.0	-1.2										
GYA	86.2	300	P	04 05 52.0	0.0										
TIY	87.1	312	EP	04 05 57.0	0.6										
XAN	87.9	307	PD	04 06 00.2	0.3										
KMI	88.8	297	PD	04 06 05.0	0.5										
HHC	89.3	314	IPC	04 06 07.2	0.7										
CD2	90.4	303	EP	04 06 12.4	0.8										
LZH	92.5	307	EP	04 06 21.7	0.3										
GTA	96.8	309	EP	04 06 40.9	0.4										
1984 11 16															
O = 05 01 57.1 +/- 0.10 SEC															
LAT = 5.34 S +/- 0.78 KM															
LONG = 129.98 E +/- 1.87 KM															
DEPTH = 210 KM +/- 0.62 KM															
mb(NEIS) = 5.0															
STATIONS USED = 16, STAND DEV = 0.90 SEC															
WHN	38.7	338	P	05 09 03.2	0.7										
XAN	43.9	334	PC	05 09 45.0	-0.3										
TIY	45.8	340	EP	05 10 00.7	0.2										
SNY	47.3	353	EP	05 10 12.0	0.3										
CN2	49.1	355	EP	05 10 25.0	-0.4										
1984 11 16															
O = 06 55 02.9 +/- 1.62 SEC															
LAT = 14.00 S +/- 6.59 KM															
LONG = 76.96 W +/- 8.87 KM															
DEPTH = 66 KM +/- 13.01 KM															
mb(NEIS) = 5.5															
STATIONS USED = 41, STAND DEV = 3.62 SEC															
MDJ	142.0	328	PKP	07 14 12.5	-16.1										
CN2	144.6	331	PKPC	07 14 30.5	-2.7										
KSH	145.2	38	PKPU	07 14 33.0	-1.2										
			PP	07 17 44.0	-12.1										
SNY	147.0	331	EPKP	07 14 38.6	1.4										
WMQ	147.5	20	PKP	07 14 38.0	0.0										
BTO	152.8	348	PKP	07 14 53.5	7.3										
GTA	154.5	5	PKP	07 14 49.2	0.6										
TI A	154.5	332	EPKP	07 14 49.3	0.9										
TI Y	154.9	342	EPKP	07 14 58.0	8.9										
SSE	156.2	318	EPKP	07 14 49.4	-1.2										
NJ 2	156.9	323	(PKP)	07 14 52.0	0.4										
XAN	159.3	346	EPKP	07 14 55.0	0.4										
WHN	160.5	329	EPKP	07 14 58.0	2.2										
			PP	07 19 20.0	-1.7										
CD2	163.2	357	(PKP)	07 15 00.7	2.2										
KMI	168.9	1	EPKP	07 15 04.0	0.7										
1984 11 16															
O = 09 30 25.6 +/- 0.34 SEC															
LAT = 2.06 N +/- 6.45 KM															
LONG = 97.00 E +/- 6.66 KM															
DEPTH = 32 KM +/- 0.88 KM															
Ms(CHINA) = 4.7/2, Msz(NEIS) = 4.5, mb(NEIS) = 4.8															
STATIONS USED = 45, STAND DEV = 4.38 SEC															
QZN	21.0	35	EP	09 35 09.9	0.5										
GYA	26.0	20	P	09 35 57.4	-0.2										
CD2	29.4	11	EP	09 36 27.1	-1.4										
WHN	32.8	28	EP	09 36 57.3	-0.8										
LZH	34.4	9	P	09 37 11.0	-1.9										
			P <sub>m</sub> Z											1.5	0.09
NJ 2	36.2	32	PD	09 37 28.5	0.5										
SSE	36.8	35	PD	09 37 34.2	1.2										
			P <sub>m</sub> Z											16.0	1.4
GTA	37.3	3	IPC	09 37 35.7	-1.1										
TI Y	38.2	19	EP	09 37 41.8	-2.8										
			LN											Ms=4.7	13.0 0.8
TI A	38.8	26	EP	09 37 48.3	-0.7										
BTO	40.1	15	EP	09 38 00.0	-0.6										
HHC	40.8	16	P	09 38 07.0	0.8										

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
KSH	41.9	335	EP	09 38 41.0	26.1			HHC	162.6	0	PKP	00 47 46.0	2.7		
WMQ	42.4	350	PC	09 38 18.0	- 1.3			TIY	165.7	357	EPKP	00 47 47.4	1.0		
DL2	43.0	28	PD	09 38 44.8	0.5			TIA	166.4	340	EPKP	00 47 47.7	0.9		
SNY	46.2	27	IPD	09 38 49.8	- 0.3			XAN	169.1	11	PKPD	00 47 49.8	1.2		
			AP	09 39 02.4	3.1			NJ2	169.2	324	EPKP	00 47 50.0	1.4		
			XP	09 39 06.6	3.4			CD2	169.8	41	PKP	00 47 50.8	1.8		
CN2	48.6	27	PC	09 39 08.0	- 0.9			WHN	172.5	341	EPKP	00 47 52.0	1.6		
			P <sub>m</sub> Z			4.0	0.3	GYA	174.6	54	PKP	00 47 52.6	1.2		
			AP	09 39 20.6	2.5										
			PCP	09 40 22.8	-10.9										
			EPP	09 41 06.0	4.9										
			SCP	09 44 12.0	-12.5										
			ES	09 46 06.0	- 2.0										
			LN		Ms=4.8	15.0	0.7								
MDJ	51.2	29	EP	09 39 27.0	- 1.6										
1984 11 16 <b>O = 20 08 35.1</b> +/- 0.13 SEC <b>LAT = 44.41 N</b> +/- 4.59 KM <b>LONG = 147.37 E</b> +/- 3.04 KM <b>DEPTH = 28 KM</b> +/- 0.82 KM <b>mb(NEIS) = 4.7</b> <b>STATIONS USED = 28, STAND DEV = 1.72 SEC</b>								1984 11 17 <b>O = 01 31 33.6</b> +/- 0.21 SEC <b>LAT = 2.18 N</b> +/- 2.70 KM <b>LONG = 128.86 E</b> +/- 3.00 KM <b>DEPTH = 72 KM</b> +/- 2.73 KM <b>mb(NEIS) = 5.0</b> <b>STATIONS USED = 40, STAND DEV = 2.57 SEC</b>							
SNY	17.5	269	EP	20 12 40.8	1.2			QZH	24.7	337	EP	01 36 50.0	0.4		
TIA	24.4	260	EP	20 13 51.3	- 1.1			QZN	25.0	313	EP	01 36 53.4	0.5		
NJ2	25.4	250	EP	20 14 01.4	- 1.1						ES	01 41 13.0	3.5		
HHC	26.5	274	P	20 14 13.2	1.0						XS	01 41 24.0	-13.5		
BTO	27.6	275	EP	20 14 23.7	0.7			GZH	25.7	325	EP	01 36 48.5	-10.1		
LZH	33.9	271	EP	20 15 18.0	- 0.5			WHN	31.4	335	P	01 37 50.0	- 0.1		
CD2	36.6	263	EP	20 15 40.0	- 1.6			GYA	32.2	320	P	01 38 07.0	9.6		
GYA	37.2	255	EP	20 15 46.4	- 0.3			KMI	34.0	314	EP	01 38 13.0	0.1		
QZN	40.2	243	EP	20 16 18.0	6.7			XAN	36.8	331	PC	01 38 35.3	- 1.1		
KMI	40.8	256	EP	20 16 14.5	- 2.1			CD2	37.1	322	EP	01 38 39.6	0.0		
								TIY	38.4	338	EP	01 38 49.6	- 0.9		
								BJI	39.4	344	EP	01 38 57.0	- 1.3		
								SNY	39.8	353	EP	01 39 06.4	5.2		
								LZH	40.9	328	IPC	01 39 12.0	1.0		
											P <sub>m</sub> Z			1.5	0.1
								GTA	45.5	328	IPC	01 39 48.4	0.1		
								WMQ	55.2	324	IP	01 41 01.5	0.5		
1984 11 17 <b>O = 00 27 54.2</b> +/- 0.22 SEC <b>LAT = 23.39 S</b> +/- 1.96 KM <b>LONG = 68.41 W</b> +/- 0.89 KM <b>DEPTH = 114 KM</b> +/- 1.90 KM <b>mb(NEIS) = 5.5</b> <b>STATIONS USED = 38, STAND DEV = 2.08 SEC</b>								1984 11 17 <b>O = 02 36 02.2</b> +/- 0.11 SEC <b>LAT = 3.56 S</b> +/- 1.46 KM <b>LONG = 119.42 E</b> +/- 1.98 KM <b>DEPTH = 26 KM</b> +/- 0.26 KM <b>mb(NEIS) = 5.0</b> <b>STATIONS USED = 40, STAND DEV = 1.62 SEC</b>							
KSH	145.9	53	EPKP	00 47 21.0	0.5			QZN	24.3	337	IPC	02 41 20.8	1.4		
WMQ	151.7	38	PKP	00 47 27.5	- 2.4			GYA	32.3	338	P	02 42 32.0	0.3		
MDJ	154.2	329	PKP	00 47 33.0	- 1.4			KMI	32.8	331	PC	02 42 37.0	0.9		
CN2	156.7	334	PKP	00 47 28.8	- 7.8			WHN	34.3	352	EP	02 42 51.0	2.5		
GTA	161.2	29	PKP	00 47 43.3	1.4			SSE	34.5	2	EP	02 42 51.8	1.2		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	
			P <sub>m</sub> Z			1.0	0.02				S <sub>m</sub> E			14.0	55.0	
NJ2	35.4	359	PD	02 42 59.8	1.3			CD2	31.1	9	IPC	06 55 46.8	- 0.5			
CD2	37.4	337	P	02 43 15.2	0.0						PP	06 56 52.8	3.3			
XAN	38.7	345	EP	02 43 26.2	0.2						S	07 00 50.0	0.5			
TIA	39.6	357	EP	02 43 33.0	- 0.8			QZH	31.7	37	IPU	06 55 52.0	- 0.7			
TIY	41.6	351	EP	02 43 48.8	- 1.2						PP	06 57 02.0	4.4			
LZH	42.0	341	EP	02 43 54.5	0.5						S	07 01 03.0	3.9			
			P <sub>m</sub> Z			2.0	0.08				LE	Ms=7.2		18.0	482.4	
BJI	43.5	356	EP	02 44 05.0	- 0.5			WHN	34.0	25	P	06 56 12.9	0.3			
SNY	45.3	4	EP	02 44 18.3	- 2.1						AP	06 56 24.0	1.9			
GTA	46.4	338	IPC	02 44 29.7	0.5						PP	06 57 29.0	2.6			
WMQ	55.1	332	PC	02 45 33.5	- 1.7			XAN	35.2	15	IPC	06 56 22.8	- 0.6			
1984 11 17											P <sub>m</sub> Z			8.0	39.7	
O = 06 49 29.6				+/- 0.06 SEC								AP	06 56 36.5	3.8		
LAT = 0.15 N				+/- 1.25 KM								PP	06 57 40.0	- 2.5		
LONG = 97.98 E				+/- 1.37 KM								PP <sub>m</sub> Z			14.0	38.1
DEPTH = 34 KM				+/- 0.21 KM								IS	07 01 55.3	1.0		
M <sub>s</sub> (CHINA) = 7.4/18, M <sub>sz</sub> (NEIS) = 7.2, mb(NEIS) = 6.3											S <sub>m</sub> N			14.0	78.8	
STATIONS USED = 109, STAND DEV = 0.96 SEC											S <sub>m</sub> E			12.0	18.9	
QZN	22.1	31	IPU	06 54 22.5	- 1.1						PCS	07 02 41.0	1.9			
			PP	06 54 52.0	2.5						SS	07 04 22.0	10.9			
			S	06 58 26.0	5.7			LZH	36.2	8	IPU	06 56 31.5	0.1			
			LN	Ms=7.2		15.0	406.5				P <sub>m</sub> Z			2.0	2.6	
			LE			16.0	535.5				PP	06 57 58.0	4.3			
KMI	25.2	10	IPC	06 54 56.0	1.3						PP <sub>m</sub> Z			10.5	38.9	
			P <sub>m</sub> Z			6.0	59.1				S	07 02 03.0	- 5.8			
			PP	06 55 38.0	5.3						S <sub>m</sub> N			10.5	27.3	
			ES	06 59 25.0	9.0						SS	07 04 49.0	16.6			
			XS	06 59 40.0	9.4						LN	Ms=7.6		18.0	362.0	
			SS	07 00 38.0	21.5						LE			20.0	881.0	
GZH	27.3	32	PU	06 55 12.8	- 0.2			SSE	37.8	33	IPC	06 56 45.4	0.2			
			P <sub>m</sub> N			14.0	27.3				P <sub>m</sub> Z			5.0	19.5	
			P <sub>m</sub> E			15.0	22.7				AP	06 56 54.0	- 0.7			
			P <sub>m</sub> Z			14.0	46.5				XP	06 57 02.0	3.2			
			PP	06 56 10.0	10.1						PP	06 58 18.0	3.4			
			IS	06 59 57.0	8.5						PCP	06 59 05.4	3.8			
			LN	Ms=6.9		15.0	160.7				S	07 02 33.0	- 0.6			
			LE			17.0	195.3				SCP	07 02 48.0	3.3			
GYA	27.5	17	PU	06 55 15.0	- 0.1						PCS	07 02 51.0	2.3			
			P <sub>m</sub> N			10.0	20.5				SS	07 05 26.0	16.2			
			P <sub>m</sub> E			10.0	9.5				SCS	07 06 50.0	- 2.2			
			P <sub>m</sub> Z			10.0	43.7	GTA	39.1	2	IPC	06 56 56.3	0.3			
			XP	06 55 36.0	7.8						P <sub>m</sub> Z			9.0	19.0	
			PP	06 56 08.0	5.4						PP	06 58 33.5	3.8			
			S	06 59 53.0	0.9						PP <sub>m</sub> Z			11.0	26.0	

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			S	07 02 48.5	- 5.1			KSH	44.0	335	IPU	06 57 37.0	0.9		
			LE		Ms=7.1	18.0	249.2				PP	06 59 24.0	3.9		
TIY	39.7	18	IPU	06 57 01.0	0.3						LE		Ms=6.9	15.0	107.6
			P <sub>m</sub> Z			1.0	38.5	DL2	44.2	26	PU	06 57 38.0	0.0		
			XP	06 57 21.5	7.3						P <sub>m</sub> N			6.0	16.5
			PP	06 58 42.5	6.4						P <sub>m</sub> E			6.0	11.7
			S	07 02 54.5	- 7.7						P <sub>m</sub> Z			5.0	35.4
			S <sub>m</sub> N			13.0	13.9				AP	06 57 48.5	0.9		
			S <sub>m</sub> E			14.0	10.4				XP	06 57 52.5	0.9		
			PCS	07 03 07.5	11.7						PP	06 59 22.0	- 0.6		
			XS	07 03 27.0	9.3						S	07 04 12.0	2.8		
TIA	40.0	24	PC	06 57 03.2	- 0.4						ESCS	07 07 33.5	3.0		
			P <sub>m</sub> N			14.0	24.0				LN		Ms=7.6	17.0	429.6
			P <sub>m</sub> E			13.0	9.4				LE			16.0	371.6
			P <sub>m</sub> Z			11.5	34.4	WMQ	44.4	349	IPC	06 57 40.0	0.3		
			XP	06 57 17.0	- 0.2						PP	06 59 24.0	- 0.5		
			PP	06 58 44.5	4.6						PP <sub>m</sub> Z			8.0	11.8
			PP <sub>m</sub> N			17.5	62.4				ES	07 04 14.0	1.8		
			PP <sub>m</sub> E			17.0	31.3				S <sub>m</sub> E			9.0	39.5
			PP <sub>m</sub> Z			17.0	51.8				SCS	07 07 39.0	- 7.3		
			PCP	06 59 12.6	4.4						LN		Ms=7.2	16.0	246.6
			SCP	07 02 56.7	3.5						IPU	06 58 02.2	- 1.5		
			S	07 03 08.5	1.1						P <sub>m</sub> Z			8.0	28.9
			S <sub>m</sub> E			12.0	39.9				XP	06 58 23.0	5.7		
			SS	07 06 02.3	4.0						IPP	06 59 53.5	- 0.6		
			SCS	07 07 09.6	4.6						IS	07 04 50.0	- 5.5		
BTO	41.7	13	IPU	06 07 18.0	0.4						S <sub>m</sub> N			12.0	45.9
			P <sub>m</sub> N			10.0	22.1				S <sub>m</sub> E			15.0	37.1
			P <sub>m</sub> E			10.0	9.1				XS	07 05 14.0	2.6		
			P <sub>m</sub> Z			10.0	41.8				SS	07 08 34.0	17.7		
			PP	06 59 01.0	3.6						IPC	06 58 21.3	- 1.1		
			PP <sub>m</sub> N			10.0	14.8				P <sub>m</sub> Z			8.0	24.6
			PP <sub>m</sub> E			10.0	4.8				IPP	07 00 19.0	1.6		
			PP <sub>m</sub> Z			10.0	20.6				PP <sub>m</sub> N			10.0	8.5
			IS	07 03 33.0	0.5						PP <sub>m</sub> E			10.0	8.5
			S <sub>m</sub> N			9.0	44.9				PP <sub>m</sub> Z			10.0	23.7
			S <sub>m</sub> E			9.0	22.4				ES	07 05 28.0	- 1.2		
			SCS	07 07 12.0	- 3.0						S <sub>m</sub> N			11.0	35.0
HHC	42.3	15	IPU	06 57 24.0	1.3						S <sub>m</sub> E			11.0	21.0
			PP	06 59 06.0	2.1						IXS	07 05 59.0	13.8		
			PCP	06 59 11.0	- 4.7						ESS	07 08 58.0	0.5		
			IS	07 03 45.0	3.3						LN		Ms=7.5	15.0	350.0
			S <sub>m</sub> N			14.0	71.4	MDJ	52.4	28	PC	06 58 41.0	- 0.4		
			XS	07 04 00.0	2.8						PCP	06 59 51.0	- 0.3		
			SS	07 06 47.0	2.3						PP	07 00 41.0	0.7		
			SCS	07 07 11.0	- 7.8						IS	07 06 04.0	0.1		





November

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A
WHN	35.0	255	P	11 19 05.0	- 4.6			SSE	37.9	33	EP	11 53 00.2	- 1.6		
QZH	36.2	243	EP	11 19 18.8	- 1.1			GTA	39.2	2	P	11 53 12.7	0.3		
XAN	36.5	264	IPC	11 19 21.6	- 0.4			TIY	39.8	18	EP	11 53 17.2	0.0		
			LN		Ms=5.5	14.0	4.4	TIA	40.1	24	EP	11 53 19.6	- 0.5		
			LE			14.0	3.8	BTO	41.8	13	EP	11 53 34.3	0.3		
LZH	38.7	271	IPC	11 19 41.5	0.5			HHC	42.4	15	P	11 53 40.4	1.2		
			P <sub>m</sub> Z			1.5	0.2	DL2	44.3	26	EP	11 53 54.0	- 0.5		
GTA	39.7	278	P	11 19 49.4	0.5			WMQ	44.5	349	IPC	11 53 56.4	0.5		
			PCP	11 21 55.6	1.2			SNY	47.6	25	PD	11 54 19.7	- 0.5		
			S	11 25 46.3	- 2.6			CN2	50.0	25	PC	11 54 37.8	- 1.0		
			LN		Ms=4.8	15.0	1.0	MDJ	52.5	28	EP	11 54 57.0	- 0.8		
GZH	40.8	247	PD	11 19 59.8	1.6			1984 11 17							
CD2	41.8	265	IPC	11 20 07.2	0.7			O = 12 12 58.6 +/- 0.10 SEC							
GYA	42.8	257	P	11 20 14.4	0.1			LAT = 4.60 S +/- 1.18 KM							
			XP	11 20 33.0	- 1.1			LONG = 153.20 E +/- 1.80 KM							
WMQ	45.4	290	PC	11 20 34.5	- 1.0			DEPTH = 68 KM +/- 0.95 KM							
			ES	11 27 05.5	- 7.0			Ms(CHINA) = 4.6/2, mb(NEIS) = 5.5							
			LN		Ms=5.5	15.0	4.0	STATIONS USED = 67, STAND DEV = 1.34 SE							
QZN	46.0	247	IPD	11 20 42.4	2.1			QZH	44.7	312	EP	12 21 06.5	- 0.2		
KMI	46.3	259	IPU	11 20 42.5	0.0			SSE	46.8	321	EP	12 21 24.8	0.8		
			P <sub>m</sub> Z			3.0	0.5				S	12 28 10.0	1.1		
			AP	11 20 52.0	- 3.8						XS	12 28 36.0	- 1.6		
			ES	11 27 25.0	- 0.2			GZH	47.7	307	EP	12 21 31.0	0.6		
			LN		Ms=5.2	16.0	2.2	QZN	48.7	300	P	12 21 41.6	2.9		
KSH	55.1	292	EP	11 21 50.0	0.3						ES	12 28 36.0	0.6		
			PP	11 23 54.0	0.5			NJ2	48.9	320	EP	12 21 41.8	1.4		
			ES	11 29 20.0	- 7.4						SCP	12 26 56.5	5.6		
1984 11 17															
O = 11 45 45.9 +/- 0.08 SEC															
LAT = 0.08 N +/- 2.51 KM															
LONG = 97.93 E +/- 2.06 KM															
DEPTH = 39 KM +/- 0.99 KM															
Ms(CHINA) = 4.6/2, mb(NEIS) = 5.0															
STATIONS USED = 45, STAND DEV = 0.93 SEC															
QZN	22.2	31	P	11 50 42.4	2.0			WHN	51.0	315	EP	12 21 56.8	0.7		
KMI	25.3	10	EP	11 51 12.0	0.7			DL2	52.2	328	EP	12 22 05.0	- 0.2		
			ES	11 55 34.0	1.3			TIA	52.8	323	EP	12 22 09.0	- 0.7		
			LN		Ms=5.1	15.0	1.9	MDJ	53.4	339	EP	12 22 13.0	- 1.0		
GYA	27.5	17	P	11 51 31.6	- 0.1			SNY	53.5	332	EP	12 22 14.6	- 0.3		
WHN	34.1	25	P	11 52 29.2	0.0						PCP	12 23 20.6	0.3		
XAN	35.3	15	IPC	11 52 39.0	- 0.9			CN2	54.3	335	PD	12 22 20.0	- 0.6		
LZH	36.2	8	EP	11 52 47.5	- 0.4						PCP	12 23 23.2	0.0		
NJ2	37.5	29	PD	11 52 58.0	0.2						SCP	12 27 17.6	3.9		
			ES	11 58 45.0	1.5			GYA	54.6	307	P	12 22 23.2	0.2		
			LE		Ms=4.5	13.0	0.5	TIY	56.6	221	EP	12 22 37.6	0.0		
								XAN	56.8	316	PC	12 22 38.0	- 0.5		
								KMI	57.2	303	PC	12 22 42.0	0.1		
								CD2	58.9	310	IPC	12 22 53.8	0.2		
								BTO	59.9	322	EP	12 23 00.2	- 0.2		
								LZH	61.4	315	PC	12 23 11.0	0.5		
											P <sub>m</sub> Z			1.5	0.09
								GTA	65.8	317	P	12 23 40.6	1.1		

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
			SCP	12 28 10.7	6.1						FP <sub>m</sub> Z			6.0	3.3
WMQ	75.9	317	P	12 24 40.0	-0.3						IS	14 06 27.0	1.1		
KSH	83.1	310	EP	12 25 21.0	1.7						S <sub>m</sub> E			10.0	16.5
			ES	12 35 30.0	-2.7			GZH	78.9	299	IPD	13 57 07.0	1.0		
											P <sub>m</sub> Z			4.0	4.5
											AP	13 58 43.0	-2.9		
											IS	14 06 28.0	1.1		
											S <sub>m</sub> N			10.0	6.6
											S <sub>m</sub> E			9.0	13.5
								MDJ	79.2	324	PD	13 57 08.0	0.8		
											P <sub>m</sub> Z			3.0	13.9
											AP	13 58 48.0	0.9		
											XP	13 59 33.0	-0.4		
											PP	14 00 10.0	-4.9		
											S	14 06 33.0	3.8		
											S <sub>m</sub> E			10.0	66.7
								QZN	80.2	293	PR	13 57 13.5	0.8		
											P <sub>m</sub> Z			4.0	2.2
											AP	13 58 55.0	-2.1		
											XP	13 59 40.0	0.3		
											PP	14 00 31.0	7.6		
											PP <sub>m</sub> Z			6.5	2.6
											IS	14 06 43.0	2.9		
											S <sub>m</sub> E			11.0	16.2
											XS	14 09 27.5	-8.5		
											SS	14 11 44.0	-21.1		
								DL2	80.5	316	IPR	13 57 13.0	-1.4		
											P <sub>m</sub> N			5.0	1.7
											P <sub>m</sub> E			5.0	2.8
											P <sub>m</sub> Z			5.0	4.2
											AP	13 58 53.0	-1.7		
											PP	14 00 23.0	-3.4		
											PP <sub>m</sub> N			6.0	2.5
											PP <sub>m</sub> E			6.0	6.0
											PP <sub>m</sub> Z			6.0	3.3
											S	14 06 42.0	-1.2		
											S <sub>m</sub> N			8.0	15.6
											S <sub>m</sub> E			8.0	20.8
											LN			10.0	2.2
											LE			12.0	5.5
								SNY	80.9	319	IPR	13 57 16.2	-0.3		
											AP	13 58 57.0	0.1		
											XP	13 59 45.0	1.9		
											IS	14 06 52.0	4.6		
											S <sub>m</sub> N			8.0	16.9
											S <sub>m</sub> E			8.0	20.8

1984 11 17

O = 13 45 48.7

LAT = 18.79 S

LONG = 177.93 W

DEPTH = 454 KM

mb(NEIS) = 6.1

STATIONS USED = 99, STAND DEV = 1.18 SEC

QZH	75.5	302	IPR	13 56 47.5	0.0		
			P <sub>m</sub> N			2.5	0.9
			P <sub>m</sub> E			2.5	1.7
			P <sub>m</sub> Z			2.5	4.4
			AP	13 58 29.0	2.6		
			PP	13 59 42.0	-3.2		
			PP <sub>m</sub> N			4.0	1.6
			PP <sub>m</sub> E			4.0	2.0
			PP <sub>m</sub> Z			6.0	4.0
			AP	13 58 29.0	2.6		
			PP	13 59 42.0	-3.2		
			S	14 05 48.0	-2.9		
			SKS	14 06 11.0	2.2		
			SCS	14 06 20.0	4.7		
			XS	14 08 49.0	4.7		
			SS	14 10 45.0	-10.3		
SSE	76.6	309	IPD	13 56 53.4	-0.2		
			P <sub>m</sub> Z			5.0	3.6
			AP	13 58 32.0	-0.9		
			PP	13 59 50.0	-3.9		
			ES	14 05 55.5	-7.3		
			S <sub>m</sub> E			10.0	14.2
			SKS	14 06 16.0	-0.9		
			SCS	14 06 24.0	-0.3		
			XS	14 08 56.0	-0.7		
			SS	14 11 14.0	1.9		
			LN			20.0	2.9
			LE			20.0	3.7
NJ2	78.8	309	IPR	13 57 06.0	0.5		
			P <sub>m</sub> Z			5.0	3.6
			AP	13 58 45.0	-0.4		
			PP	14 00 19.5	-1.9		







STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ					
SSE	26.0	318	P	19 04 46.0	- 0.7			GYA	35.0	298	P <sub>m</sub> N			4.0	0.5					
			P <sub>m</sub> Z									4.0	0.5							
			ES	19 09 12.0	- 1.5	1.2	0.1				XP	19 06 07.0	- 4.2							
			XS	19 09 25.0	- 3.4						PP	19 07 10.0	- 2.1							
			SS	19 10 42.0	21.8						PP <sub>m</sub> Z			6.0	1.2					
			LN	Ms=4.9	9.0	1.8	PCP				19 08 34.0	- 0.9								
NJ2	28.2	317	PC	19 05 06.2	0.0			TIY	35.8	319	ES	19 11 17.0	- 3.9							
			PP	19 06 00.0	3.5						S <sub>m</sub> N			7.0	0.8					
			S	19 09 48.0	- 0.1						LN	Ms=5.0	12.0	1.1						
			LE	Ms=4.9	10.0	1.7	LE						12.0	1.5						
GZH	28.2	296	EP	19 05 07.0	0.3			XAN	36.2	312	PR	19 06 08.0	1.5							
			(S)	19 09 60.0	11.0						S	19 11 34.0	- 2.1							
WHN	30.5	310	P	19 05 26.6	- 0.1			KMI	38.1	295	LN	Ms=5.0	14.0	2.0						
			ES	19 10 26.0	1.3						PD	19 06 13.2	0.0							
			XS	19 10 40.0	0.1						P <sub>m</sub> Z			1.4	0.2					
			LN	Ms=5.0	8.0	1.4	PP				19 07 35.5	1.4								
QZN	30.5	286	PD	19 05 28.0	0.8			HHC	38.3	323	S	19 11 53.0	4.9							
			P <sub>m</sub> Z			9.0	0.9				S <sub>m</sub> N			14.0	1.1					
			PP	19 06 28.5	1.3						S <sub>m</sub> E			12.0	1.1					
			PCP	19 08 24.0	- 1.3						LN	Ms=5.1	13.0	1.3						
			ES	19 10 30.0	4.3						LE			13.0	1.4					
			S <sub>m</sub> N			10.0	0.7				PD	19 06 15.8	- 0.6							
			S <sub>m</sub> E			13.0	1.1				PCP	19 08 40.5	- 0.6							
			SCP	19 11 49.0	- 15.0						S	19 11 54.5	0.6							
			LN	Ms=4.8	12.0	0.9	S <sub>m</sub> E						12.0	2.1						
			LE		12.0	0.9	LE				Ms=5.0	14.0	1.9							
DL2	31.5	330	EP	19 05 33.0	- 2.8			CD2	38.9	304	IPD	19 06 34.0	1.3							
			ES	19 10 33.0	- 2.9						P <sub>m</sub> Z			8.0	1.9					
			LN	Ms=5.1	14.0	1.8	LN				Ms=5.0	13.0	1.7							
			LE		12.0	1.7	PR				19 06 35.0	0.9								
TIA	32.0	322	P	19 05 39.3	- 0.7			BTO	39.1	321	PP	19 08 09.0	- 4.1							
			PP	19 06 42.5	- 3.4						S	19 12 28.0	1.9							
			PCP	19 08 29.6	0.4						LN	Ms=4.9	11.0	0.8						
			ES	19 10 50.5	2.2						LE			11.0	0.5					
			S <sub>m</sub> N			10.0	0.7				P	19 06 39.4	0.6							
			S <sub>m</sub> E			13.0	1.3				P <sub>m</sub> Z			1.2	0.2					
			SS	19 12 34.0	- 6.5						S	19 12 37.5	2.8							
			LN	Ms=5.0	13.5	1.6	IPR				19 06 41.0	0.6								
LE		12.0	1.2	PCP	19 08 55.0	5.1														
SNY	33.0	336	PD	19 05 48.3	- 0.9			LZH	40.8	311	ES	19 12 39.0	1.3							
			S	19 10 57.0	- 7.9						LN	Ms=5.1	15.0	1.8						
			LN	Ms=5.1	16.0	2.2	LE						15.0	1.6						
			LE		16.0	2.0	PD				19 06 55.5	0.3								
MDJ	33.6	345	EP	19 05 53.3	- 0.9			CN2	34.1	339	P <sub>m</sub> Z			2.0	0.2					
			EP	19 05 56.0	- 2.1						EPCS	19 12 47.0	1.9							
																S <sub>m</sub> N			13.0	1.6

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
			LN		Ms=5.1	10.0	1.3	KMI	38.1	295	IPD	19 27 18.0	0.8		
WMQ	55.2	315	IPD	19 08 46.9	- 0.1						LN		Ms=4.8	14.0	1.1
			PmZ			1.5	0.5	HHC	38.3	323	PR	19 27 19.0	0.4		
			S	19 16 30.5	3.6			CD2	38.9	304	IPD	19 27 23.9	0.6		
			SmE			9.0	1.2				PmZ			1.2	0.2
			LN		Ms=5.0	12.0	0.9	BTO	39.1	321	PR	19 27 25.0	0.0		
KSH	62.9	308	IPR	19 09 42.0	1.7			LZH	40.9	311	PD	19 27 40.0	0.2		
			ES	19 18 15.0	8.4						PmZ			1.8	0.1
1984 11 17															
O=19 19 58.7 +/- 0.10 SEC															
LAT=12.28 N +/- 1.89 KM															
LONG=140.83 E +/- 2.16 KM															
DEPTH=33 KM +/- 0.14 KM															
Ms(CHINA)=4.9/7, mb(NEIS)=5.4															
STATIONS USED=83, STAND DEV=1.73 SEC															
QZH	24.5	304	EP	19 25 17.0	0.5						IPD	19 29 31.0	- 0.5		
			ES	19 29 34.0	1.7						PmZ			1.7	0.3
			SmE			8.0	1.5				AP	19 29 39.0	- 1.9		
SSE	26.1	318	PD	19 25 30.6	- 0.7						ES	19 37 15.0	3.4		
			PmZ			1.2	0.2				SmE			9.0	0.9
			ES	19 29 58.0	- 0.3						LN		Ms=5.0	12.0	0.7
			XS	19 30 16.0	2.8										
			ESS	19 31 07.0	1.7										
NJ2	28.2	317	PC	19 25 50.3	- 0.5										
GZH	28.3	296	EP	19 25 51.5	0.2										
WHN	30.5	310	P	19 26 11.2	- 0.1										
QZN	30.6	286	P	19 26 14.0	2.2										
			PP	19 27 14.0	2.2										
			ES	19 31 14.5	4.1										
			XS	19 31 27.0	1.4										
			SCP	19 32 41.0	- 7.4										
			LE		Ms=5.0	18.0	2.8								
DL2	31.5	330	EP	19 26 19.0	- 1.4										
TIA	32.0	322	EP	19 26 23.1	- 1.5										
SNY	33.1	336	IPC	19 26 33.0	- 0.8										
MDJ	33.6	345	EP	19 26 36.0	- 2.7										
CN2	34.1	339	PD	19 26 40.8	- 1.9										
GYA	35.1	298	P	19 26 52.2	1.1										
TIY	35.8	319	PD	19 26 57.6	- 0.2										
			PmZ			1.2	0.1								
			AP	19 27 04.5	- 2.4										
			(S)	19 32 34.0	1.1										
			LN		Ms=4.9	11.0	0.8								
			LE			11.0	1.0								
XAN	36.2	312	P	19 27 00.4	- 0.5										
1984 11 17															
O=22 43 40.0 +/- 0.19 SEC															
LAT=18.47 S +/- 6.08 KM															
LONG=175.58 W +/- 4.11 KM															
DEPTH=36 KM +/- 1.03 KM															
Ms(CHINA)=5.9/20, Msz(NEIS)=6.1, mb(NEIS)=5.4															
STATIONS USED=65, STAND DEV=2.99 SEC															
QZH	77.2	301	EP	22 55 39.0	5.9										
			ES	23 05 23.0	3.5										
			SmE											10.0	2.0
			LE		Ms=5.6	18.0	2.8								
SSE	78.2	308	EP	22 55 37.0	- 1.3										
			S	23 05 32.0	2.4										
			ESKS	23 05 52.0	8.4										
			SS	23 10 08.0	-25.1										
			LE		Ms=6.2	18.0	10.7								
MDJ	80.2	323	EP	22 55 46.5	- 2.9										
			SKS	23 05 58.0	- 0.1										
			LE		Ms=5.9	20.0	5.4								
NJ2	80.4	308	EP	22 55 49.0	- 1.3										
			S	23 05 54.0	1.2										
			SmN			20.0	2.5								
			PS	23 06 44.0											
			LE		Ms=5.9	18.0	5.3								
GZH	80.8	298	E(P)	22 55 52.0	- 0.2										
			ES	23 06 05.0	8.3										



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
HHC	89.2	313	PD	01 01 47.1	0.4			KMI	36.7	45	EP	07 57 49.0	2.2		
BTO	90.2	312	IPR	01 01 51.0	- 0.3						S	08 03 26.0	- 4.4		
KMI	90.2	296	IPD	01 01 52.0	0.6			KSH	39.0	1	EP	07 58 05.0	- 1.0		
CD2	91.3	301	EP	01 01 56.6	0.1						ISS	08 07 13.0	26.3		
LZH	93.0	306	PD	01 02 04.0	- 0.5						LE	Ms=5.2	14.0	2.3	
			PmZ			1.5	0.2	QZN	39.2	59	EP	07 58 11.9	4.1		
								GYA	40.3	47	P	07 58 19.0	2.0		
1984 11 18								CD2	41.1	39	P	07 58 21.4	- 1.9		
O=01 31 07.7			+/-	0.30 SEC				LZH	44.7	34	EP	07 58 50.5	- 2.8		
LAT=37.06 N			+/-	3.38 KM				WMQ	44.8	13	P	07 58 53.5	- 0.6		
LONG=82.34 E			+/-	2.74 KM				GTA	45.2	27	P	07 58 55.1	- 1.8		
DEPTH=33 KM			+/-	0.59 KM				XAN	46.4	40	EP	07 59 07.4	0.9		
Ms(CHINA)=4.4/1, mb(NEIS)=4.5, ML(CHINA)=4.5/2								WHN	48.2	47	EP	07 59 22.4	2.0		
STATIONS USED=11, STAND DEV=3.71 SEC								BTO	51.4	34	EP	07 59 43.0	- 1.8		
KSH	5.5	297	EP	01 32 35.0	4.7			NJ2	52.3	48	PC	07 59 53.4	1.7		
			LE	Ms=4.4	6.0	2.3		HHC	52.4	35	EP	07 59 50.0	- 2.7		
WMQ	7.9	29	EP	01 33 01.8	- 1.4			TIA	53.1	43	EP	07 59 58.6	0.5		
			S	01 34 36.4	4.1			SSE	53.6	50	EP	08 00 03.0	1.4		
			I	01 35 21.8				DL2	57.6	42	EP	08 00 29.0	- 1.4		
			S <sub>m</sub> N	ML=4.7	1.2	0.2		SNY	60.3	40	PC	08 00 50.0	0.6		
GTA	13.9	74	EP	01 34 29.8	4.3						ES	08 08 55.0	- 8.2		
			LG <sub>2</sub>	01 38 38.0	- 9.6						LN	Ms=5.1	18.0	0.8	
											LE		18.0	0.8	
1984 11 18 18								CN2	62.5	39	EP	08 01 04.0	- 0.1		
O=04 35 56.8			+/-	0.29 SEC							S <sub>m</sub> E		7.0	0.3	
LAT=21.61 S			+/-	2.69 KM							EPS	08 09 55.0			
LONG=179.25 W			+/-	2.53 KM							LE	Ms=4.8	12.0	0.4	
DEPTH=606 KM			+/-	4.18 KM				MDJ	65.5	39	PC	08 01 26.3	2.4		
mb(NEIS)=5.0															
STATIONS USED=43, STAND DEV=2.49 SEC								1984 11 18							
NJ2	79.7	310	PD	04 47 05.0	0.3			O=20 20 34.1			+/-	0.07 SEC			
MDJ	80.8	325	PC	04 47 10.0	- 0.2			LAT=36.51 N			+/-	0.90 KM			
WHN	82.2	307	EP	04 47 17.4	0.0			LONG=70.97 E			+/-	0.89 KM			
CN2	82.5	323	PD	04 47 17.4	- 1.5			DEPTH=152 KM			+/-	0.49 KM			
TIA	83.2	313	EP	04 47 22.2	- 0.2			mb(NEIS)=4.7, ML(CHINA)=4.6/1							
BJI	85.9	315	EP	04 47 35.0	- 0.5			STATIONS USED=16, STAND DEV=1.40 SEC							
TIY	87.2	312	EP	04 47 41.4	- 0.3			KSH	4.9	51	P	20 21 50.0	2.2		
XAN	87.9	307	IPC	04 47 49.8	4.7						S	20 22 47.6	2.9		
											S <sub>m</sub> N	ML=4.6	0.5	0.9	
1984 11 18											S <sub>m</sub> E		0.4	0.5	
O=07 50 36.7			+/-	0.14 SEC				WMQ	14.7	55	P	20 23 54.3	- 1.9		
LAT=0.32 N			+/-	3.71 KM				GTA	22.9	73	P	20 25 26.6	1.0		
LONG=74.66 E			+/-	3.05 KM											
DEPTH=6 KM			+/-	0.72 KM				1984 11 19							
Ms(CHINA)=5.1/3, Msz(NEIS)=4.9, mb(NEIS)=5.1								O=04 10 41.0			+/-	0.10 SEC			
STATIONS USED=50, STAND DEV=2.03 SEC								LAT=51.29, N			+/-	3.13 KM			

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				LONG = 179.03 E								S <sub>m</sub> N				7.0 0.7	
				DEPTH = 32 KM								S <sub>m</sub> E				7.0 0.6	
				Ms(CHINA) = 5.4/19								XS				04 26 04.5 5.6	
				Msz(NEIS) = 5.5								SS				04 23 56.0 - 3.6	
				mb(NEIS) = 5.6,								LN				Ms=5.2 16.0 1.7	
				STATIONS USED = 93								LE				16.0 1.7	
				STAND DEV = 1.44 SEC								HHC				46.4 284	
MDJ	33.2	278	EP	04 17 16.3	- 1.5						IPU	04 19 08.5	1.5				
			PP	04 18 30.0	0.9						XP	04 19 12.0	- 8.0				
			S	04 22 32.0	- 3.0						PP	04 20 57.0	1.7				
			XS	04 22 47.0	- 3.0						S	04 25 57.5	5.4				
			SS	04 25 00.0	23.3						LN	Ms=5.5	17.0 3.9				
			LE		Ms=5.4	20.0	7.5				LE		17.0 2.8				
CN2	36.2	279	P	04 17 42.6	- 0.7			SSE	46.6	267	PU	04 19 10.0	1.4				
			P <sub>m</sub> Z			5.0	1.2				P <sub>m</sub> Z		1.0 0.1				
			XP	04 17 56.0	- 0.3						S	04 26 04.0	8.9				
			PP	04 19 07.0	1.0						LN	Ms=5.1	24.0 2.8				
			PP <sub>m</sub> N			6.0	0.7	BTO	47.5	285	IPU	04 19 17.0	1.5				
			PP <sub>m</sub> E			6.0	0.9				S	04 26 10.0	2.4				
			PP <sub>m</sub> Z			6.0	1.3				LN	Ms=5.3	15.0 1.8				
			S	04 23 20.0	- 1.1						LE		15.0 1.8				
			S <sub>m</sub> N			7.0	0.5	TIY	47.8	280	IPU	04 19 19.0	1.2				
			S <sub>m</sub> E			7.0	0.4				P <sub>m</sub> Z		6.0 1.9				
			SCP	04 23 34.0	-16.5						PP	04 21 10.5	2.3				
			ESS	04 25 46.0	0.6						PP <sub>m</sub> Z		8.0 1.3				
			LN	Ms=5.4		17.0	3.7				S	04 26 19.5	7.7				
			LE			17.0	4.2				XS	04 26 36.0	9.0				
SNY	38.4	278	IPC	04 18 03.0	1.1			WHN	51.3	272	IPC	04 19 44.8	0.1				
			PP	04 19 34.0	0.5			XAN	52.3	279	IPC	04 19 52.2	- 0.3				
			S	04 23 56.0	1.0						P <sub>m</sub> Z		1.2 0.2				
			SS	04 26 48.0	12.8						PP	04 21 52.5	1.3				
			LN	Ms=5.3		20.0	3.7				ESS	04 31 08.8	19.2				
			LE			23.0	3.4				LN	Ms=5.5	15.0 3.3				
DL2	41.3	275	PD	04 18 26.8	0.8			QZH	52.6	263	EP	04 19 54.5	0.2				
			EAP	04 18 36.0	0.8						AP	04 20 03.5	- 0.1				
			EPP	04 20 05.0	0.3						ES	04 27 23.0	5.0				
			ES	04 24 39.0	0.5						S <sub>m</sub> E		14.0 2.5				
			LN	Ms=5.4		16.0	3.2				LN	Ms=5.1	23.0 2.2				
			LE			16.0	2.2	LZH	54.1	284	IPC	04 20 06.5	0.8				
TIA	45.8	275	PC	04 19 02.6	0.3						P <sub>m</sub> Z		5.0 1.6				
			P <sub>m</sub> N			4.0	0.4				ES	04 27 27.5	-11.5				
			P <sub>m</sub> E			4.0	0.6				LN	Ms=5.6	16.0 2.9				
			P <sub>m</sub> Z			4.0	1.4				LE		17.0 2.7				
			EAP	04 19 11.7	0.2			GTA	54.3	290	IPC	04 20 07.9	0.5				
			PCP	04 20 39.0	- 0.2						P <sub>m</sub> Z		4.5 1.0				
			PP	04 20 50.0	0.4												
			PP <sub>m</sub> Z			9.0	0.5										
			S	04 25 47.5	3.9												





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BTO	50.7	288	EP	12 15 34.0	1.1						LN			1.0	0.05
NJ2	50.9	273	PC	12 15 34.4	- 0.4						LE			1.0	0.03
TIY	51.1	283	PU	12 15 37.0	1.0			HHC	20.7	83	P	17 12 50.9	- 0.6		
			P <sub>m</sub> Z			4.0	0.9	XAN	21.1	103	EP	17 12 55.4	- 0.8		
			S	12 22 56.5	7.7			TIY	22.2	91	EP	17 13 07.8	1.0		
			LN		Ms=5.3	18.0	1.7	1984 11 19							
			LE			18.0	1.8	O = 19 45 37.3 +/- 0.13 SEC							
WHN	54.7	275	P	12 16 02.6	- 0.6			LAT = 37.06 N +/- 2.68 KM							
XAN	55.6	282	EP	12 16 08.6	- 1.2			LONG = 141.47 E +/- 1.50 KM							
QZH	56.1	267	P	12 16 13.4	0.4			DEPTH = 67 KM +/- 2.77 KM							
LZH	57.3	288	PC	12 16 21.0	- 0.6			mb(NEIS) = 5.1							
			P <sub>m</sub> Z			1.0	0.07	STATIONS USED = 42, STAND DEV = 1.81							
GTA	57.3	293	P	12 16 20.7	- 1.3			MDJ	11.7	313	EP	19 48 26.5	2.3		
			PCP	12 17 16.0	1.8			CN2	13.9	303	PD	19 48 52.6	- 0.5		
			SCP	12 21 10.9	3.1						ES	19 51 27.0	0.3		
			ES	12 24 14.0	0.6						LE			12.0	0.6
			SCS	12 26 05.0	3.3			SNY	14.6	294	IPC	19 49 03.0	0.9		
			LN		Ms=5.2	16.0	1.7	DL2	15.8	282	EP	19 49 17.5	0.8		
GZH	60.7	270	P	12 16 45.5	0.3			SSE	17.8	256	EP	19 49 44.8	2.4		
CD2	60.9	283	EP	12 16 46.8	0.0			NJ2	19.3	261	EP	19 49 58.6	- 0.8		
GYA	62.4	278	PC	12 16 56.0	- 0.5			TIY	23.0	280	P	19 50 37.2	- 0.7		
KMI	65.8	280	IPC	12 17 28.5	9.8			WHN	23.4	261	EP	19 50 42.6	1.3		
QZN	65.9	270	IPU	12 17 20.0	0.6			HHC	23.5	288	ED	19 50 42.6	0.2		
			P <sub>m</sub> Z			4.0	0.9	BT O	24.7	287	EP	19 50 54.7	0.9		
			PP	12 19 42.0	- 4.0			XAN	26.6	273	EP	19 51 11.0	- 0.5		
			S	12 26 05.0	3.3			GZH	27.9	247	EP	19 51 24.5	0.9		
			S <sub>m</sub> N			9.0	0.6	LZH	30.1	279	EP	19 51 43.5	0.1		
KSH	69.9	308	PU	12 17 45.0	0.4			GYA	31.3	260	PD	19 51 52.8	- 0.8		
			ES	12 26 54.0	4.0			CD2	31.7	270	P	19 51 57.8	0.4		
			LE		Ms=5.5	16.0	2.2	GT A	32.6	287	P	19 52 05.0	- 0.2		
											PCP	19 54 52.0	2.5		
1984 11 19															
O = 17 08 12.4 +/- 0.08 SEC															
LAT = 42.01 N +/- 0.21 KM															
LONG = 83.99 E +/- 0.89 KM															
DEPTH = 43 KM +/- 0.49 KM															
mb(NEIS) = 4.6, ML(CHINA) = 3.8/2															
STATIONS USED = 20, STAND DEV = 1.46 SEC															
WMQ	3.3	55	IP	17 09 04.4	1.7			QZN	33.0	245	EP	19 52 10.6	2.2		
			S	17 09 48.6	7.6			KMI	35.0	261	PR	19 52 26.0	0.0		
			S <sub>m</sub> N		ML=2.9	0.7	0.04	WMQ	40.9	296	IPD	19 53 16.2	1.4		
KSH	6.6	249	EP	17 09 51.0	1.4			1984 11 19							
			I	17 11 51.0				O = 20 45 44.2 +/- 0.07 SEC							
			LE			8.0	1.1	LAT = 10.56 N +/- 0.80 KM							
GTA	12.3	96	P	17 11 05.3	- 2.5			LONG = 125.51 E +/- 1.44 KM							
			LG	17 14 40.5				DEPTH = 40 KM +/- 0.31 KM							
								mb(NEIS) = 4.6							
								STATIONS USED = 14, STAND DEV = 0.96 SEC							
								GYA	23.8	314	EP	20 50 55.4	0.6		
								KMI	26.0	306	EP	20 51 17.5	1.6		
								XAN	27.9	329	EP	20 51 30.7	- 2.1		



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CD2	28.6	318	P	20 51 38.6	- 0.7						S	23 18 07.0	14.1				
SNY	31.2	357	EP	20 52 02.6	0.3						S <sub>m</sub> E			12.0	1.7		
BTO	32.9	338	EP	20 52 16.9	- 0.6						LE			13.0	1.7		
CN2	33.1	359	EP	20 52 18.6	- 0.6						GZH	25.0 259	E(P)	23 13 53.5	- 0.5		
GTA	36.7	325	P	20 52 49.6	- 0.5						(S)	23 18 24.0	14.0				
											S <sub>m</sub> E			10.0	2.9		
1984 11 19											HHC	25.2 301	EP	23 13 56.2	- 0.7		
O = 23 08 35.4 +/- 0.18 SEC											PP		23 14 32.0	- 6.0			
LAT = 30.53 N +/- 4.24 KM											S		23 18 17.0	1.9			
LONG = 140.15 E +/- 3.04 KM											S <sub>m</sub> N				14.0	1.5	
DEPTH = 76 KM +/- 2.62 KM											S <sub>m</sub> E				16.0	2.3	
mb(NEIS) = 5.1											XS	23 18 37.0	- 7.5				
STATIONS USED = 57, STAND DEV = 3.36 SEC											BTO	26.4 300	EP	23 14 06.5	- 0.4		
MDJ	16.3	332	EP	23 12 20.0	- 1.7						ES	23 18 37.0	4.1				
			XS	23 15 32.0	- 6.6						LN			15.0	1.2		
			LE			15.0	2.1				LE			15.0	3.3		
DL2	17.3	303	P	23 12 35.0	0.8						XAN	26.6 285	EP	23 14 06.5	- 2.2		
			S	23 15 50.0	4.9						GYA	29.6 270	EP	23 14 38.0	1.6		
			LN			14.0	4.1				CD2	31.2 280	P	23 14 49.0	- 1.1		
			LE			16.0	3.2				KMI	33.4 270	EP	23 15 12.0	2.5		
SNY	17.5	314	PD	23 12 37.0	1.4						S	23 20 18.0	- 6.7				
			S	23 15 57.0	8.6						LE			14.0	1.1		
			LN			14.0	1.7				GTA	34.0 296	P	23 15 12.6	- 1.8		
			LE			17.0	1.5				S	23 20 50.0	16.6				
CN2	17.6	322	PC	23 12 37.6	- 0.3						LE			13.0	1.4		
			P <sub>m</sub> Z			5.0	0.9				WMQ	43.2 302	IPC	23 16 30.0	- 0.9		
			AP	23 12 45.5	- 5.1						ES	23 22 58.0	6.3				
			ES	23 15 52.0	- 1.7						LN			13.0	0.5		
			XS	23 16 05.0	- 8.4						KSH	52.3 298	E(P)	23 18 04.0	21.6		
			ESS	23 16 14.0	0.3						1984 11 20						
			LN			12.0	2.3				O = 08 15 16.1 +/- 0.13 SEC						
NJ2	18.3	280	PD	23 12 44.6	- 0.7						LAT = 5.25 N +/- 1.66 KM						
TIA	20.0	292	PD	23 13 03.5	- 1.4						LONG = 125.34 E +/- 2.32 KM						
			P <sub>m</sub> E			4.0	0.5				DEPTH = 210 KM +/- 0.75 KM						
			P <sub>m</sub> Z			4.0	0.9				mb(NEIS) = 6.4						
			EAP	23 13 13.5	- 6.6						STATIONS USED = 103, STAND DEV = 1.51 SEC						
			ES	23 16 50.0	8.9						QZN	20.4 313	IPR	08 19 39.0	0.6		
			S <sub>m</sub> N			6.0	0.7						P <sub>m</sub> N		7.0 56.1		
			S <sub>m</sub> E			5.0	0.8						P <sub>m</sub> E		7.0 68.8		
			EXS	23 17 04.0	0.4								XP	08 20 26.0	-15.0		
			LN			14.0	1.4						S	08 23 20.0	10.0		
			LE			17.0	3.2						SS	08 24 18.0	9.0		
WHM	22.2	276	EP	23 13 29.6	2.7								SCP	08 27 06.0	8.2		
TIY	24.0	294	EP	23 13 43.8	- 0.4								SCS	08 30 52.0	12.3		
			P <sub>m</sub> Z			5.0	0.9						LN		16.0 231.3		
			PP	23 23 23.5	2.6												

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						16.0	328.7				S <sub>m</sub> E				10.0 76.5
QZH	20.6	342	LE								XS	08 26 40.0	-13.2		
			PR	08 19 42.0	1.3						SS	08 27 35.0	5.5		
			P <sub>m</sub> Z			5.5	13.6				PD	08 21 21.6	-1.2		
			PP	08 20 10.0	-3.2			TIA	31.7	347	P <sub>m</sub> N				9.0 13.4
			S	08 23 22.0	7.8						P <sub>m</sub> E				9.0 4.7
			S <sub>m</sub> E			6.0	62.2				P <sub>m</sub> Z				9.0 19.1
			LN			16.0	173.6				AP	08 22 03.5	-1.8		
			LE			16.0	164.2				PP	08 22 32.0	-3.9		
GZH	21.2	328	IPD	08 19 47.0	0.9						PP <sub>m</sub> N				12.0 28.6
			PP	08 20 32.0	11.6						PP <sub>m</sub> E				10.0 7.3
			I PCP	08 23 37.4	-6.9						PP <sub>m</sub> Z				11.0 36.3
			LN			19.0	250.0				PCP	08 24 13.9	5.2		
			LE			23.0	100.0				S	08 26 19.0	2.8		
SSE	26.0	351	EP	08 20 30.8	-1.1						S <sub>m</sub> N				8.0 34.6
			P <sub>m</sub> Z			6.0	28.3				S <sub>m</sub> E				8.0 57.1
			AP	08 21 17.0	4.2						XS	08 27 38.6	7.0		
			XP	08 21 48.0	10.3						SCS	08 31 40.0	12.1		
			PCP	08 23 52.0	-2.3						LN				12.0 145.9
			S	08 24 48.0	2.6						LE				14.0 264.5
			XS	08 25 39.0	-19.1						IPD	08 21 27.9	-1.2		
			SS	08 26 07.0	-8.7			XAN	32.4	334	P <sub>m</sub> Z				6.0 21.8
			SCS	08 31 09.0	7.7						AP	08 22 08.0	-3.8		
			LN			14.0	161.2				PPP	08 22 52.0			
			LE			16.0	64.7				S	08 26 28.0	0.5		
WHN	27.2	338	PD	08 20 43.7	0.9						SCP	08 27 25.0	-8.0		
			ES	08 25 14.0	9.2						PD	08 21 30.8	0.3		
			S <sub>m</sub> E			8.0	51.0	CD2	32.6	324	P <sub>m</sub> Z				6.0 43.1
NJ2	27.3	347	PR	08 20 43.0	-1.1						AP	08 22 17.0	3.8		
			P <sub>m</sub> Z			6.0	12.0				PP	08 22 43.0	-3.9		
			AP	08 21 29.0	3.4						S	08 26 36.0	6.0		
			S	08 25 13.0	5.9						I PR	08 21 39.0	-0.5		
GYA	27.6	321	PR	08 20 45.0	-1.7			DL2	33.7	354	P <sub>m</sub> N				6.0 16.2
			P <sub>m</sub> N			6.0	13.8				P <sub>m</sub> E				5.0 3.6
			P <sub>m</sub> E			6.0	12.2				P <sub>m</sub> Z				6.0 16.9
			P <sub>m</sub> Z			6.0	36.0				AP	08 22 25.0	2.5		
			AP	08 21 33.0	4.8						PP	08 22 54.0	-5.1		
			PP	08 21 37.0	-7.9						PP <sub>m</sub> Z				10.0 36.8
			S	08 25 20.0	8.2						EPP	08 23 02.0			
			S <sub>m</sub> N			8.0	52.5				S	08 26 51.0	4.6		
			S <sub>m</sub> E			8.0	73.5				SN				16.0 121.2
			LE			18.0	264.0				LE				16.0 331.3
KMI	29.3	314	I PR	08 21 03.0	0.9						LPR	08 21 45.5	-0.2		
			P <sub>m</sub> Z			6.0	35.4	TIY	34.4	341	P <sub>m</sub> Z				6.0 17.4
			AP	08 21 50.0	6.2						AP	08 22 34.0	5.3		
			PCP	08 24 01.0	-1.4						PP	08 23 04.0	-3.6		
			IS	08 25 48.0	8.9										

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			PP <sub>m</sub> Z			9.0	33.4				XS	08 28 50.0	-15.9		
			PPP	08 23 25.5							LN			10.0	166.9
			PCP	08 24 21.5	5.4						LE			18.0	169.0
			IS	08 26 59.0	1.4			CN2	38.4	0	IPD	08 22 18.8	-0.4		
			S <sub>m</sub> N			14.0	51.0				P <sub>m</sub> N			6.0	16.0
			S <sub>m</sub> E			12.0	64.5				PP	08 23 54.0	0.3		
			PCS	08 27 58.5	-2.6						PP <sub>m</sub> Z			7.0	30.6
			PCS	08 28 17.5	16.4						ES	08 28 02.0	3.7		
			LN			18.0	193.1				S <sub>m</sub> N			9.0	66.0
BJI	35.6	347	PR	08 21 55.0	-0.9						XS	08 28 55.0	-20.1		
			P <sub>m</sub> N			6.0	13.5				ESCS	08 32 10.0	5.9		
			P <sub>m</sub> E			6.0	4.9				LE			15.0	130.0
			P <sub>m</sub> Z			6.0	15.5	MDJ	39.4	4	IPD	08 22 28.3	0.9		
			AP	08 22 40.0	0.7						AP	08 23 16.0	4.7		
			EPP	08 23 10.0	-10.9						PP	08 24 05.2	0.2		
			S	08 27 13.0	-3.1						P	08 28 19.8	5.8		
			S <sub>m</sub> E			7.0	43.0				SS	08 29 14.0	-16.3		
			SCP	08 27 54.0	9.8						XN			16.0	103.0
			SCS	08 32 00.0	11.7			GTA	41.1	329	LPD	08 22 42.0	0.4		
			LN			17.0	3.4				P <sub>m</sub> Z			7.0	16.0
SNY	36.5	357	IPR	08 22 02.9	-0.1						PP	08 23 27.4	1.8		
			P <sub>m</sub> Z			8.0	34.2				S	08 28 45.0	6.3		
			AP	08 22 43.0	-3.5						XS	08 30 02.0	6.0		
			PP	08 23 31.5	0.6						S <sub>m</sub> E			9.0	54.0
			IS	08 27 31.0	2.0						LN			18.0	168.0
			LE			13.0	167.0				LE			20.0	240.0
LZH	36.5	330	IPD	08 22 04.0	0.4			WMQ	50.7	325	IPD	08 23 57.0	0.2		
			P <sub>m</sub> Z			6.0	37.8				P <sub>m</sub> Z			6.0	30.0
			AP	08 22 48.0	1.1						AP	08 24 47.0	4.4		
			PP	08 23 40.0	8.5						PCP	08 25 12.0	1.5		
			S	08 27 30.0	-0.1						PP	08 25 57.0	1.5		
			S <sub>m</sub> N			8.0	38.2				SCP	08 28 56.0	11.3		
			XS	08 28 38.0	-8.0						PCS	08 29 07.0	1.0		
			LN			19.0	705.8				S	08 30 57.0	2.2		
			LE			17.5	372.7				S <sub>m</sub> E			7.0	59.0
HHC	37.5	342	PD	08 22 12.4	0.2						SCS	08 33 23.0	1.1		
BTO	37.8	340	EP	08 22 14.1	-0.2						SS	08 34 34.5	5.7		
			P <sub>m</sub> N			8.0	11.7	KSH	56.0	314	IPR	08 24 37.0	1.6		
			P <sub>m</sub> E			8.0	6.0				P <sub>m</sub> Z			17.0	62.0
			P <sub>m</sub> Z			8.0	21.8				XP	08 25 31.0	-14.0		
			AP	08 23 00.0	2.1						PP	08 26 42.0	-1.3		
			PP	08 23 49.0	2.2						IS	08 32 18.0	12.2		
			PCP	08 24 25.0	-1.3						S <sub>m</sub> E			24.0	141.0
			IS	08 27 54.0	4.6						XS	08 33 25.0	-2.1		
			S <sub>m</sub> N			10.0	16.5				LE			26.0	216.7
			S <sub>m</sub> E			10.0	42.5								

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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
<p>1984 11 20</p> <p>O = 08 37 56.4 +/- 0.08 SEC</p> <p>LAT = 7.47 S +/- 2.01 KM</p> <p>LONG = 106.52 E +/- 2.08 KM</p> <p>DEPTH = 32 KM +/- 0.52 KM</p> <p>mb(NEIS) = 5.2</p> <p>STATIONS USED = 20, STAND DEV = 1.67 SEC</p>								<p>XAN 73.7 312 EP 10 15 23.2 - 0.2</p> <p>AP 10 15 47.0 - 0.5</p> <p>KMI 74.3 301 PD 10 15 28.0 1.0</p> <p>AP 10 15 53.0 2.0</p> <p>HHC 75.6 319 PC 10 15 35.5 1.0</p> <p>BTO 76.4 318 EP 10 15 39.0 - 0.2</p> <p>LZH 78.3 312 EP 10 15 50.5 0.8</p> <p>GTA 82.6 313 P 10 16 13.9 1.1</p> <p>AP 10 16 37.5 0.3</p> <p>WMQ 92.7 314 EP 10 16 58.5 - 2.7</p>							
<p>1984 11 20</p> <p>O = 09 56 51.5 +/- 0.09 SEC</p> <p>LAT = 5.11 N +/- 1.12 KM</p> <p>LONG = 125.33 E +/- 1.84 KM</p> <p>DEPTH = 203 KM +/- 0.67 KM</p> <p>mb(NEIS) = 4.9</p> <p>STATIONS USED = 33, STAND DEV = 1.53 SEC</p>								<p>1984 11 20</p> <p>O = 11 31 39.4 +/- 0.28 SEC</p> <p>LAT = 5.19 N +/- 1.55 KM</p> <p>LONG = 125.25 E +/- 1.26 KM</p> <p>DEPTH = 202 KM +/- 2.97 KM</p> <p>mb(NEIS) = 5.2</p> <p>STATIONS USED = 62, STAND DEV = 1.96 SEC</p>							
<p>QZN 20.5 313 EP 10 01 15.2 0.1</p> <p>S 10 05 04.0 16.3</p> <p>KMI 29.4 314 EP 10 02 39.5 0.7</p> <p>XAN 32.6 334 EP 10 03 04.2 - 1.8</p> <p>SNY 36.6 357 EP 10 03 39.4 - 0.7</p> <p>MDJ 39.5 4 PD 10 04 04.5 0.0</p>								<p>QZN 20.4 313 PC 11 37 03.7 1.7</p> <p>QZH 20.7 342 EP 11 37 05.7 0.9</p> <p>GZH 21.2 328 PC 11 36 12.5 2.5</p> <p>NJ2 27.4 348 EP 11 37 07.6 - 0.8</p> <p>GYA 27.6 321 P 11 37 12.2 1.6</p> <p>KMI 29.3 314 PC 11 37 26.5 0.7</p> <p>TIA 31.8 347 PC 11 37 45.8 - 1.3</p> <p>XAN 32.5 334 IPD 11 37 51.6 - 1.6</p> <p>CD2 32.6 324 EP 11 37 54.2 - 0.2</p> <p>DL2 33.7 354 EP 11 38 15.0 11.1</p> <p>TIY 34.4 341 EP 11 38 09.0 - 0.9</p> <p>BJI 35.6 348 EP 11 38 19.0 - 1.2</p> <p>LZH 36.5 330 PD 11 38 27.5 - 0.1</p> <p>PmZ 1.5, 0.1</p> <p>SNY 36.5 357 PD 11 38 26.6 - 0.8</p> <p>HHC 37.6 342 EP 11 38 36.6 0.2</p> <p>CN2 38.5 0 PD 11 38 42.4 - 1.3</p> <p>MDJ 39.4 4 PD 11 38 52.0 0.1</p> <p>GTA 41.1 329 P 11 39 06.0 0.4</p> <p>WMQ 50.7 325 PD 11 40 20.0 - 0.8</p>							
<p>1984 11 20</p> <p>O = 10 03 57.7 +/- 0.18 SEC</p> <p>LAT = 14.83 S +/- 1.97 KM</p> <p>LONG = 167.14 E +/- 3.01 KM</p> <p>DEPTH = 96 KM +/- 0.82 KM</p> <p>mb(NEIS) = 5.1</p> <p>STATIONS USED = 55, STAND DEV = 2.09 SEC</p>								<p>1984 11 20</p> <p>O = 19 39 11.9 +/- 0.38 SEC</p> <p>LAT = 4.16 S +/- 4.66 KM</p> <p>LONG = 133.84 E +/- 9.17 KM</p> <p>DEPTH = 29 KM +/- 0.90 KM</p> <p>mb(NEIS) = 4.9</p> <p>STATIONS USED = 17, STAND DEV = 4.75 SEC</p>							
<p>NJ2 65.7 315 PC 10 14 34.2 - 0.3</p> <p>DL2 68.3 323 EP 10 14 50.5 - 0.6</p> <p>MDJ 68.3 332 PD 10 14 51.0 - 0.2</p> <p>SNY 69.2 326 EP 10 14 55.7 - 1.1</p> <p>TIA 69.3 318 PC 10 14 56.6 - 0.9</p> <p>AP 10 15 21.0 - 0.4</p> <p>CN2 69.7 329 PD 10 14 58.6 - 1.0</p> <p>AP 10 15 21.8 - 1.7</p> <p>GYA 71.7 304 P 10 15 12.0 0.2</p> <p>BJI 72.3 321 EP 10 15 15.0 - 0.1</p> <p>TIY 73.2 317 EP 10 15 21.4 0.4</p> <p>AP 10 15 44.9 - 1.1</p> <p>LN 21.0 5.3</p>															



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ		
GYA	40.2	320	P	19 47 06.8	18.5												
KMI	41.9	315	EP	19 47 02.0	- 0.5												
XAN	44.7	330	EP	19 47 22.2	- 2.4												
CD2	45.2	322	EP	19 47 27.1	- 1.4												
TIY	46.2	336	EP	19 47 35.6	- 0.8												
BJI	46.9	341	EP	19 47 39.0	- 3.0												
GTA	53.5	327	P	19 48 31.9	- 0.8												
WMQ	63.2	324	PD	19 49 39.5	- 1.2												
<p>1984 11 21</p> <p>O = 06 25 24.6 +/- 0.08 SEC</p> <p>LAT = 38.25 N +/- 0.93 KM</p> <p>LONG = 112.46 E +/- 0.88 KM</p> <p>DEPTH = 33 KM +/- 0.01 KM</p> <p>ML (CHINA) = 3.9/15</p> <p>STATIONS USED = 11, STAND DEV = 3.79 SEC</p>								<p>1984 11 21</p> <p>O = 07 54 07.5 +/- 0.21 SEC</p> <p>LAT = 25.51 N +/- 2.93 KM</p> <p>LONG = 96.48 E +/- 1.91 KM</p> <p>DEPTH = 33 KM +/- 0.31 KM</p> <p>Ms(CHINA) = 4.4/5, mb(NEIS) = 4.5, ML (CHINA) = 4.3/3</p> <p>STATIONS USED = 38, STAND DEV = 2.78 SEC</p>									
TIY	0.5	181	IPC	06 25 36.2	1.1			KMI	5.7	92	EP	07 55 35.0	2.9				
			I	06 25 42.2							I	07 55 55.0					
			S <sub>m</sub> N		ML = 3.6	0.3	2.8				I	07 56 55.0					
			S <sub>m</sub> E			0.3	3.1				S <sub>m</sub> N			3.0	1.2		
BTO	3.0	321	P	06 26 15.9	4.6						S <sub>m</sub> E			3.5	1.2		
			I	06 26 22.5							LN	Ms = 4.6		9.0	5.5		
			I	06 27 01.9							CD2	8.4	48	EP	07 56 10.6	0.9	
			S <sub>m</sub> N		ML = 3.3	0.5	0.1							(S)	07 57 43.5	- 0.7	
			S <sub>m</sub> E			0.5	0.1							LN	Ms = 4.5	9.0	2.8
BJI	3.4	57	EP	06 26 20.5	4.0			GYA	9.2	81	P	07 56 30.0	8.6				
			I	06 26 28.0				XAN	13.7	48	EP	07 57 17.8	- 4.7				
			I	06 27 13.0							LN	Ms = 4.2		12.0	1.2		
			S <sub>m</sub> N		ML = 4.2	0.5	0.6	GTA	14.1	10	P	07 57 35.6	7.6				
			S <sub>m</sub> E			0.5	0.8	WHN	16.6	68	EP	07 57 53.5	- 5.4				
TIA	4.2	117	EP	06 26 30.2	1.6			WMQ	19.6	340	PC	07 58 36.6	0.3				
			I	06 26 41.6				TIA	20.6	53	EP	07 58 46.1	- 1.0				
			I	06 27 33.6				NJ2	20.6	66	PC	07 58 51.6	4.5				
			S <sub>m</sub> N		ML = 3.9	0.6	0.2	BJI	21.9	43	EP	07 59 00.5	0.4				
			SE			0.6	0.2	KSH	22.1	313	EP	07 59 02.0	- 0.2				
XAN	5.1	215	EP	06 26 45.0	4.4			SSE	22.4	69	EP	07 59 04.0	- 1.1				
			I	06 26 59.5							LN	Ms = 4.2		12.0	0.6		
			S	06 27 38.1	- 0.9			SNY	27.7	47	EP	07 59 53.0	- 1.7				
			I	06 28 02.5				<p>1984 11 21</p> <p>O = 13 57 41.5</p> <p>LAT = 38.01 N</p> <p>LONG = 106.20 E</p> <p>DEPTH = 14 KM</p> <p>ML (CHINA) = 3.2/5</p>									
			S <sub>m</sub> N		ML = 3.7	0.8	0.1	LZH	2.7	225	EPG	13 58 32.0	1.4				
			S <sub>m</sub> E			0.7	0.06				SG	13 59 08.0	2.2				
GTA	9.9	280	EP	06 27 48.7	0.2						S <sub>m</sub> N	ML = 3.0		1.0	0.09		
			LG <sub>1</sub>	06 30 35.8	- 0.9						S <sub>m</sub> E			1.0	0.05		
			LN			1.0	0.02	BTO	3.9	47	EPG	13 58 57.1	3.9				
											ESG	13 59 41.5	- 3.2				
								XAN	4.5	150	PG	13 59 05.3	1.1				

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STA. CODE	Δ deg	AZ deg	PHASE	RESID h m s	UTC sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIY	4.9	91	SG	14 00 02.9	- 0.7			MDJ	69.8	329	S <sub>m</sub> E			13.0	2.3
			PG	13 59 19.9	8.3						SS	14 58 07.0	13.6		
			SG	14 00 11.8	- 4.6						LN	Ms = 5.8		16.0	4.4
			S <sub>m</sub> N	ML = 3.5		0.4	0.05				LE			14.0	1.9
			S <sub>m</sub> E			0.6	0.07				EP	14 44 30.0	- 1.3		
GTA	5.2	287	PG	13 59 20.6	4.5			DL2	70.4	320	XP	14 44 48.0	4.7		
			SG	14 00 25.8	1.8						IS	14 53 29.0	- 9.4		
			S <sub>m</sub> N	ML = 2.8		0.7	0.01				S <sub>m</sub> E			10.0	4.6
			S <sub>m</sub> E			0.6	0.01				XS	14 53 50.0	- 2.2		
											LN	Ms = 6.0		20.0	8.7
<p>1984 11 21</p> <p>O = 14 33 20.2 +/- 0.25 SEC</p> <p>LAT = 14.41 S +/- 3.46 KM</p> <p>LONG = 171.17 E +/- 3.59 KM</p> <p>DEPTH = 26 KM +/- 0.82 KM</p> <p>Ms(CHINA) = 6.1 / 28, Msz(NEIS) = 6.2, mb(NEIS) = 5.8</p> <p>STATIONS USED = 92, STAND DEV = 2.47 SEC</p>															
QZH	64.5	306	EP	14 43 58.0	0.6			WHN	70.6	310	PU	14 44 34.0	- 0.5		
			S	14 52 30.0	- 3.7						P <sub>m</sub> N			4.0	0.9
			LN	Ms = 6.2		24.0	19.1				P <sub>m</sub> E			4.0	0.9
			LE			20.0	7.6				P <sub>m</sub> Z			4.0	2.2
											PP	14 47 10.0	- 1.3		
SSE	66.0	313	EP	14 44 06.5	- 0.5			SNY	71.1	324	PP <sub>m</sub> N			5.0	0.8
			P <sub>m</sub> Z			8.0	2.5				PP <sub>m</sub> E			5.0	1.0
			ESCP	14 48 44.0	7.3						PP <sub>m</sub> Z			5.0	1.5
			PCS	14 48 51.0	11.2						S	14 53 40.0	- 4.6		
			S	14 52 44.0	- 7.8						S <sub>m</sub> N			6.0	0.9
GZH	67.7	302	XS	14 53 10.0	4.3			TIA	71.7	316	S <sub>m</sub> E			8.0	2.5
			SCS	14 54 00.0	3.3						SS	14 58 09.0	- 6.5		
			SS	14 57 04.0	- 3.0						LN	Ms = 6.0		17.0	5.9
			LN	Ms = 5.8		14.0	2.5				LE			17.0	4.0
			LE			14.0	3.5				EP	14 44 34.6	- 1.2		
NJ2	68.1	313	P	14 44 19.0	0.7			BJI	74.4	319	ES	14 53 38.0	- 9.0		
			PP	14 46 40.0	- 8.8						LN	Ms = 6.2		24.0	15.1
			S	14 53 20.0	6.6						EP	14 44 38.3	- 0.6		
			S <sub>m</sub> N			14.0	2.3				PP	14 47 26.0	8.2		
			S <sub>m</sub> E			15.0	2.7				ES	14 53 52.0	- 0.9		
QZN	68.9	297	LN	Ms = 5.9		15.0	3.7	TIA	71.7	316	S <sub>m</sub> E			20.0	9.5
			LE			17.0	4.3				PS	14 54 44.0			
			PC	14 44 20.5	- 0.2						LN	Ms = 6.4		2.0	11.6
			ES	14 53 12.0	- 6.1						LE			3.0	7.6
			LE	Ms = 6.0		16.0	7.0				P	14 44 41.4	- 0.9		
QZN	68.9	297	PU	14 44 30.0	4.4			TIA	71.7	316	P <sub>m</sub> N			5.0	0.5
			P <sub>m</sub> Z			7.0	1.1				P <sub>m</sub> E			5.0	0.8
			PP	14 47 12.0	12.6						P <sub>m</sub> Z			5.0	1.6
			S	14 53 30.0	2.5						EPCP	14 45 02.0	1.3		
			S <sub>m</sub> N			17.0	5.2				S	14 53 52.0	- 7.6		
QZN	68.9	297	PU	14 44 30.0	4.4			TIA	71.7	316	XS	14 54 15.0	1.7		
			P <sub>m</sub> Z			7.0	1.1				SS	14 58 30.0	- 5.4		
			PP	14 47 12.0	12.6						EP	14 44 59.0	0.4		
			S	14 53 30.0	2.5						P <sub>m</sub> N			4.0	0.5
			S <sub>m</sub> N			17.0	5.2				P <sub>m</sub> E			4.0	1.0
QZN	68.9	297	PU	14 44 30.0	4.4			TIA	71.7	316	P <sub>m</sub> Z			4.0	2.2
			P <sub>m</sub> Z			7.0	1.1								
			PP	14 47 12.0	12.6										
			S	14 53 30.0	2.5										
			S <sub>m</sub> N			17.0	5.2								





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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	PESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LE		Ms=5.2	14.0	0.9				AP	18 29 14.5	3.5		
XAN	76.3	310	P	16 15 30.0	- 0.5						XP	18 29 20.0	5.4		
HHC	77.8	317	EP	16 15 39.5	0.4						S	18 38 02.0	- 8.1		
BTO	78.7	317	EP	16 15 44.0	0.0						S <sub>m</sub> E			10.0	3.0
CD2	78.8	306	EP	16 15 45.2	0.6						LE		Ms=6.0	20.0	8.6
LZH	80.9	310	EP	16 15 58.0	2.0			DL2	69.4	320	PU	18 29 05.0	- 0.8		
GTA	85.2	312	P	16 16 17.9	0.1						P <sub>m</sub> Z			2.0	0.4
											AP	18 29 20.0	5.8		
											XP	18 29 25.0	7.1		
											S	18 38 10.0	- 6.2		
											S <sub>m</sub> N			7.0	0.6
											S <sub>m</sub> E			9.0	1.4
											LN		Ms=5.8	17.0	2.4
											LE			17.0	4.0
								WHN	70.6	310	EP	18 29 05.4	- 1.7		
											S	18 38 20.0	1.4		
											LE		Ms=5.9	20.0	6.6
								SNY	71.1	324	EP	18 29 09.6	- 0.6		
											XP	18 29 29.0	6.8		
											IS	18 38 26.0	1.4		
											S <sub>m</sub> N			20.0	3.9
											PS	18 39 12.0			
											LN		Ms=6.0	25.0	6.8
											LE			24.0	8.2
								TIA	71.7	316	P	18 29 12.5	- 1.1		
											EXP	18 29 29.5	3.9		
											ES	18 38 30.5	- 0.7		
											EXS	18 38 52.5	7.5		
											SS	18 43 10.0	2.7		
											LN		Ms=6.1	25.0	9.7
											LE			25.0	8.5
								BJI	74.5	319	EP	18 29 29.0	- 0.9		
											ES	18 39 03.0	0.3		
											S <sub>m</sub> N			9.0	0.2
											S <sub>m</sub> E			9.0	1.3
											LE		Ms=5.8	20.0	5.5
								GYA	74.7	302	P	18 29 31.6	0.1		
											AP	18 29 44.0	4.4		
											S	18 39 07.0	1.4		
											XS	18 39 21.0	1.8		
								TIY	75.7	315	EP	18 29 37.0	0.1		
											AP	18 29 53.0	7.9		
											S	18 39 21.5	5.4		
											S <sub>m</sub> E			11.0	1.6
											LN		Ms=5.9	17.0	4.2
											LE			19.0	3.4

1984 11 21

O = 18 17 51.2 +/- 0.27 SEC

LAT = 14.45 S +/- 3.75 KM

LONG = 171.21 E +/- 3.89 KM

DEPTH = 26 KM +/- 0.97 KM

Ms(CHINA) = 5.8/28, Msz(NEIS) = 6.2, mb(NEIS) = 5.6

STATIONS USED = 93, STAND DEV = 2.96 SEC

QZH	64.5	306	EP	18 28 27.0	- 1.8		
			XP	18 28 45.0	4.2		
			ES	18 36 54.0	-11.3		
			LN			Ms=5.8	22.0 6.5
			LE				20.0 3.4
SSE	66.0	313	EP	18 28 34.0	- 4.3		
			XP	18 28 53.0	2.7		
			S	18 37 16.0	- 7.5		
			XS	18 37 30.0	- 7.4		
			SCS	18 38 20.5	- 7.6		
			SS	18 41 28.0	-10.8		
			LE			Ms=5.7	20.0 5.5
GZH	67.8	302	P	18 28 56.0	6.4		
			ES	18 37 54.0	8.9		
			S <sub>m</sub> N				10.0 1.5
			S <sub>m</sub> E				12.0 1.3
			LN			Ms=5.8	34.0 9.2
			LE				35.0 4.0
NJ2	68.2	313	PC	18 28 51.2	- 0.9		
			S	18 37 44.0	- 5.8		
			LE			Ms=5.7	18.0 4.0
QZN	69.0	297	EP	18 29 07.0	10.1		
			PP	18 31 18.5	-12.3		
			S	18 38 03.0	3.9		
			S <sub>m</sub> N				12.0 1.7
			S <sub>m</sub> E				12.0 1.2
			SCS	18 38 57.0	6.0		
			SS	18 42 17.0	- 8.2		
			LN			Ms=5.5	16.0 2.0
			LE				14.0 0.9
MDJ	69.9	329	PC	18 29 01.5	- 1.1		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
XAN	76.4	310	P	18 29 40.2	- 0.5		
			XP	18 29 52.0	- 0.6		
			S	18 39 21.0	- 2.4		
			S <sub>m</sub> N			11.0	0.7
			S <sub>m</sub> E			12.0	1.3
			LN	Ms = 6.1	20.0	3.7	
			LE			23.0	9.0
KMI	77.4	300	PC	18 29 47.0	0.1		
			XP	18 30 03.0	4.4		
			S	18 39 39.0	3.5		
			S <sub>m</sub> E			14.0	1.7
			LE	Ms = 5.6	20.0	3.2	
HHC	77.9	317	EP	18 29 50.0	0.7		
			XP	18 30 03.5	2.4		
			S	18 39 34.0	- 6.2		
			SKS	18 39 50.0	- 5.0		
			LE	Ms = 5.7	20.0	3.7	
BTO	78.8	317	EP	18 29 54.0	- 0.2		
			ES	18 39 43.0	- 6.6		
			SKS	18 40 00.0	- 1.3		
			LN	Ms = 6.0	20.0	5.0	
			LE		20.0	5.3	
CD2	78.8	306	EP	18 29 55.4	0.6		
			S	18 39 54.0	3.2		
			LE	Ms = 5.8	16.0	3.9	
LZH	81.9	310	PC	18 30 06.5	0.3		
			P <sub>m</sub> Z			1.5	0.2
			ES	18 39 29.5	-43.5		
			S <sub>m</sub> E			12.0	1.4
			LE	Ms = 5.9	23.0	6.2	
GTA	85.3	312	IPC	18 30 28.0	0.1		
			AP	18 30 45.0	8.9		
			S	18 40 57.5	1.6		
			LE	Ms = 5.9	19.0	5.1	
WMQ	95.3	313	PC	18 31 14.0	- 1.0		
			P <sub>m</sub> Z			2.0	0.08
			AP	18 31 29.5	6.2		
			PP	18 34 56.0	-10.2		
			XS	18 42 30.4	-10.0		
			SS	18 48 18.0	-37.5		

1984 11 21

O = 19 16 58.0 +/- 0.18 SEC  
 LAT = 14.66 S +/- 1.73 KM  
 LONG = 170.97 E +/- 2.60 KM  
 DEPTH = 32 KM +/- 0.49 KM

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
<b>mb(NEIS) = 4.8</b>							
<b>STATIONS USED = 16, STAND DEV = 1.58 SEC</b>							
NJ2	68.2	313	EP	19 27 56.4	- 1.3		
SNY	71.2	324	EP	19 28 15.1	- 1.0		
BJI	74.5	319	P	19 28 34.0	- 1.7		
GTA	85.2	312	EP	19 29 33.0	- 0.5		
1984 11 22							
O = 00 50 42.7 +/- 0.21 SEC							
LAT = 30.51 S +/- 9.16 KM							
LONG = 13.70 W +/- 9.47 KM							
DEPTH = 3 KM +/- 1.14 KM							
Ms(CHINA) = 6.1/20, Msz(NEIS) = 5.7, mb(NEIS) = 5.9							
<b>STATIONS USED = 55, STAND DEV = 3.39 SEC</b>							
KSH	108.4	54	EP <sub>dif</sub>	01 09 04.0	235.1		
			PP	01 09 39.0	- 2.2		
			LE	Ms = 6.4		17.0	9.3
KMI	124.2	78	EPKP	01 09 44.0	- 0.2		
			PP	01 11 27.0	- 5.1		
			PP <sub>m</sub> Z			8.0	0.5
			SS	01 28 06.0	-13.8		
			LN	Ms = 6.1		20.0	4.0
GTA	125.9	61	PKP	01 09 46.8	- 0.6		
			PP	01 11 47.4	4.1		
			LE	Ms = 6.1		23.0	4.9
CD2	126.9	72	PKP	01 09 48.8	- 0.4		
			EPP	01 11 48.0	- 1.3		
QZN	127.9	88	EPKP	01 09 51.6	0.2		
			PP	01 12 05.0	8.4		
			LN	Ms = 6.1		20.0	2.5
			LE			20.0	2.7
GYA	127.9	78	PKP	01 09 53.0	1.6		
			PP	01 12 02.0	5.3		
			LN	21 Ms = 6.1		20.0	3.9
XAN	131.9	69	EPKP	01 09 56.7	- 2.2		
			PP	01 12 22.5	0.1		
			LE	Ms = 6.0		18.0	2.7
GZH	132.5	85	PKP	01 10 06.0	6.0		
			PKP <sub>m</sub> Z			8.0	0.6
			PP	01 12 33.0	7.0		
BTO	133.8	61	PKP	01 09 56.0	- 6.5		
			PP	01 12 36.0	1.3		
			LN	Ms = 6.3		20.0	3.3
			LE			20.0	4.4
TIY	135.3	65	EPKP	01 10 06.0	0.7		
			XPKP	01 10 21.0			

November



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 12 45.0	0.9			<b>STATIONS USED = 33, STAND DEV = 1.63 SEC</b>							
			SKS	01 17 15.0	2.1			GYA	36.6	328	P	02 09 35.4	1.0		
			SS	01 30 26.0	-11.6			WHN	36.9	341	EP	02 09 39.4	2.4		
			LN		Ms = 6.2	20.0	4.1	NJ2	37.2	348	PD	02 09 41.0	1.8		
			LE			18.0	2.0	KMI	37.8	322	PC	02 09 45.5	1.0		
QZH	137.7	85	(PKP)	01 10 22.0	12.5			TIA	41.6	347	EP	02 10 16.1	0.5		
			LN		Ms = 5.7	15.0	1.2	CD2	41.7	329	P	02 10 16.7	0.1		
BJI	138.5	62	EPKP	01 10 04.0	-7.0			XAN	42.0	337	PC	02 10 18.0	-1.3		
			XPKP	01 10 23.0				TIY	44.2	343	EP	02 10 37.8	0.9		
			EPP	01 13 04.0	-0.7			BJI	45.5	348	EP	02 10 47.5	0.4		
			PP <sub>mZ</sub>			3.5	0.3	SNY	46.2	356	PD	02 10 53.6	0.4		
			EPPP	01 16 13.0				MDJ	49.0	2	EP	02 11 13.2	-1.3		
			ESKS	01 17 13.0	-5.2			GTA	50.4	332	P	02 11 25.1	-0.9		
			ESS	01 31 18.0	3.3			WMQ	59.8	327	EP	02 12 32.0	-1.7		
			LN		Ms = 6.0	19.0	2.6	<b>1984 11 22</b>							
TIA	138.9	68	EPKP	01 10 08.3	-3.5			O = 04 07 39.0			+/-	0.08 SEC			
			PKP <sub>mZ</sub>			4.0	0.9	LAT = 13.09 N			+/-	0.16 KM			
			XPKP	01 10 23.3				LONG = 143.92 E			+/-	0.76 KM			
			PP	01 13 07.2	0.9			DEPTH = 152 KM			+/-	0.78 KM			
			ESS	01 31 22.0	2.8			mb(NEIS) = 4.7							
			LN		Ms = 5.9	20.0	1.8	<b>STATIONS USED = 21, STAND DEV = 0.65 SEC</b>							
			LE			19.0	1.6	BJI	36.3	322	EP	04 14 29.5	-0.2		
NJ2	139.7	75	EPKP	01 10 11.4	-1.8			TIY	37.2	316	EP	04 14 38.4	0.4		
			PP	01 13 17.0	5.9			XAN	38.0	309	EP	04 14 44.0	-0.2		
			LE		Ms = 6.0	18.0	2.7	BTO	40.4	319	EP	04 15 04.3	0.2		
SSE	141.5	77	PKP	01 10 20.0	3.7			CD2	41.0	302	(P)	04 15 09.4	0.6		
			PP	01 13 28.0	6.3			LZH	42.6	309	EP	04 15 23.0	0.6		
			SS	01 31 50.0	0.1			GTA	46.8	312	P	04 15 56.0	0.2		
			LN		Ms = 6.0	26.0	2.9	<b>1984 11 22</b>							
			LE			25.0	3.2	O = 04 15 14.0			+/-	0.10 SEC			
SNY	144.0	59	IPKPD	01 10 18.1	-2.7			LAT = 51.14 N			+/-	3.85 KM			
			PKP <sub>mZ</sub>			4.0	2.1	LONG = 179.49 E			+/-	1.49 KM			
			SS	01 13 40.0	2.7			DEPTH = 32 KM			+/-	0.44 KM			
			LN	01 32 18.0	-2.0			mb(NEIS) = 4.8,							
			LE		Ms = 6.2	18.0	1.4	<b>STATIONS USED = 29, STAND DEV = 1.70 SEC</b>							
			PK			21.0	3.8	SNY	38.8	278	PC	04 22 37.4	0.0		
MDJ	148.0	53	PKP	01 10 27.0	-0.5			BJI	44.4	281	EP	04 23 23.5	-0.1		
			LE	01 14 00.0	-0.8			BTO	47.8	285	EP	04 23 51.9	0.9		
			LE		Ms = 6.1	30.0	4.3	TIY	48.1	281	EP	04 23 53.6	0.4		
								XAN	52.6	279	PD	04 24 26.9	-0.9		
								LZH	54.4	285	EP	04 24 40.5	-0.5		
											P <sub>mZ</sub>			2.0	0.08
								GTA	54.7	290	P	04 24 41.6	-1.1		
<b>1984 11 22</b>															
O = 02 02 28.6 +/- 0.13 SEC															
LAT = 4.53 S +/- 1.96 KM															
LONG = 127.10 E +/- 3.72 KM															
DEPTH = 32 KM +/- 0.41 KM															
mb(NEIS) = 5.0															

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$		
1984 11 22											XS	14 05 30.0	3.3				
<b>O=09 57 15.4</b> +/- 0.11 SEC											SCS	14 10 07.5	4.5				
<b>LAT=0.95 S</b> +/- 1.38 KM											LN	Ms = 5.5	9.0	3.8			
<b>LONG=127.01 E</b> +/- 2.35 KM								TIA	34.9	214	PD	13 59 49.8	0.8				
<b>DEPTH=34 KM</b> +/- 0.40 KM											ES	14 05 20.5	2.3				
<b>mb(NEIS) = 5.0</b>											LN	Ms = 5.1	8.0	0.9			
<b>STATIONS USED=38, STAND DEV=1.33 SEC</b>											LE			14.0	1.8		
QZN	26.0	320	EP	10 02 50.0	2.3			GTA	36.6	238	P	14 00 03.7	0.8				
WHN	33.6	340	E(P)	10 03 50.6	- 4.0			LE			Ms = 5.4	8.0	2.6				
NJ2	33.7	347	EP	10 03 57.0	1.0			LZH	38.4	231	EP	14 00 19.5	1.1				
CD2	38.6	327	P	10 04 38.3	0.6			P <sub>m</sub> Z						2.0	0.1		
XAN	38.7	335	PC	10 04 38.4	- 0.1			LE						1.0	2.3		
DL2	40.0	353	EP	10 04 48.5	- 0.2			NJ2	38.6	210	PD	14 00 20.6	0.6				
TIY	40.8	342	P	10 04 55.6	0.2			LN			Ms = 5.2	10.0	1.9				
BJI	42.0	347	EP	10 05 04.5	- 0.8			XAN	39.0	224	P	14 00 23.4	0.7				
SNY	42.7	356	IPC	10 05 10.4	- 0.8			SSE	39.1	207	IPD	14 00 25.0	0.8				
LZH	42.7	331	EP	10 05 12.0	0.6			P <sub>m</sub> Z						1.0	0.07		
MDJ	45.4	2	PC	10 05 32.8	- 0.4			(S)			14 06 23.0	0.6					
GTA	47.3	331	P	10 05 48.6	0.7			LN			Ms = 5.9	-	11.0	9.3			
WMQ	56.7	326	EP	10 06 58.0	- 0.8			WHN	41.0	215	EP	14 00 39.8	0.1				
1984 11 22											CD2	43.3	229	P	14 00 59.6	1.1	
<b>O=13 52 57.1</b> +/- 0.14 SEC											KSH	44.8	264	EP	14 01 12.0	1.2	
<b>LAT=68.49 N</b> +/- 2.50 KM											QZH	45.6	208	EP	14 01 16.8	- 0.2	
<b>LONG=140.88 E</b> +/- 3.16 KM											GYA	46.7	223	PD	14 01 27.0	0.9	
<b>DEPTH=30 KM</b> +/- 0.18 KM											KMI	49.1	227	PC	14 01 43.5	- 0.8	
<b>Ms(CHINA) = 5.2/13, Msz(NEIS)=4.9, mb(NEIS) = 5.4</b>											QZN	53.1	217	EP	14 02 15.5	0.7	
<b>STATIONS USED=81, STAND DEV=2.32 SEC</b>											1984 11 22						
MDJ	24.6	199	IPC	13 58 17.6	0.8			<b>O=14 37 38.1</b> +/- 0.10 SEC									
			AP	13 58 22.0	- 3.2			<b>LAT=6.22 S</b> +/- 1.39 KM									
			S	14 02 35.0	1.0			<b>LONG=154.87 E</b> +/- 1.55 KM									
			LN	Ms = 5.4	9.0	5.4		<b>DEPTH=64 KM</b> +/- 0.32 KM									
SNY	28.3	207	EP	13 58 50.4	0.0			<b>Ms(CHINA) = 5.1/8, mb(NEIS) = 5.7</b>									
			S	14 03 35.0	1.7			<b>STATIONS USED=109, STAND DEV=1.10 SEC</b>									
			LN	Ms = 5.2	14.0	4.3		QZH	47.0	312	EP	14 46 05.5	0.6				
BJI	31.5	217	EP	13 59 19.5	0.6			S			14 52 54.0	3.1					
			(S)	14 04 13.0	- 11.2			LE			Ms = 5.1	40.0	4.1				
			LE	Ms = 5.2	12.0	3.5		SSE	49.1	321	EP	14 46 20.5	- 1.2				
HHC	31.8	224	EP	13 59 23.0	0.8			S			14 53 24.0	2.7					
			S	14 04 36.0	5.9			LN			Ms = 4.8	32.0	1.5				
			SCS	14 09 50.0	1.2			GZH	50.0	307	PC	14 46 29.5	1.4				
			LN	Ms = 5.1	10.0	1.5		QZN	51.0	300	EP	14 46 37.0	1.2				
			LE		10.0	1.3		AP			14 46 51.1	- 0.6					
BTO	32.5	226	EP	13 59 29.0	1.2			ES			14 53 50.5	3.7					
TIY	34.6	221	PD	13 59 47.8	1.9			XS			14 54 19.5	5.3					
			P <sub>m</sub> Z			1.3	0.1	SS			14 57 35.0	16.9					

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	
NJ2	51.2	320	PC	14 46 38.4	0.5			1984 11 22 <b>O=17 07 35.7</b> +/- 0.25 SEC <b>LAT=17.74 S</b> +/- 1.17 KM <b>LONG=177.95 W</b> +/- 2.87 KM <b>DEPTH=649 KM</b> +/- 2.30 KM <b>mb( NEIS) =5.9</b> <b>STATIONS USED=116 , STAND DEV=1.53 SEC</b>								
			S	14 53 54.0	3.4			QZH	75.0	302	IPR	17 18 14.5	- 0.3			
WHN	53.3	315	P	14 46 53.6	0.3						PP	17 21 10.5	- 5.8			
DL2	54.4	328	PD	14 47 01.4	- 0.3						S	17 27 02.0	- 0.7			
			ES	14 54 40.0	5.8						S <sub>m</sub> E			8.0	3.7	
TLA	55.1	322	PC	14 47 05.0	- 1.3						ISCS	17 27 36.0	10.5			
			AP	14 47 23.8	1.3						XS	17 30 40.0	-12.8			
			ES	14 54 40.0	- 2.7			SSE	76.0	309	P	17 18 20.0	- 0.4			
			EXS	14 55 18.0	7.6						P <sub>m</sub> Z			6.0	0.9	
			LN		Ms =5.3	15.0	1.2				PP	17 21 22.0	- 2.1			
			LE			14.0	1.3				S	17 27 14.0	0.5			
MDJ	55.5	338	EP	14 47 08.0	- 1.2						S <sub>m</sub> E			8.0	2.1	
			ES	14 54 50.0	1.9						SKS	17 27 30.0	4.1			
			LE		Ms =5.4	10.0	1.6				SCS	17 27 33.0	- 0.8			
SNY	55.7	331	EP	14 47 09.4	- 1.4						SS	17 32 20.0	- 8.4			
			S	14 54 47.0	- 4.1						LN			18.0	2.5	
			LN		Ms =5.2	41.0	2.3				NJ2	78.2	309	IPR	17 18 33.0	0.8
			LE			32.0	2.8							P <sub>m</sub> Z		5.0 2.2
GYA	56.9	307	P	14 47 19.0	- 0.5						AP	17 20 44.0	- 1.0			
			S	14 55 11.0	4.0						PP	17 21 40.0	- 2.4			
BJI	58.2	325	EP	14 47 27.0	- 1.6						IS	17 27 39.0	2.6			
TIY	58.9	321	P	14 47 33.0	- 0.6						S <sub>m</sub> N			7.0	2.2	
			P <sub>m</sub> Z			1.2	0.05				S <sub>m</sub> E			9.0	4.8	
			LN		Ms =4.9	16.0	0.7				MDJ	78.3	324	IPD	17 18 33.0	0.1
XAN	59.1	315	I PC	14 47 33.2	- 1.4						AP	17 20 43.0	- 2.7			
			ES	14 55 31.5	- 3.9						PP	17 21 40.0	- 3.5			
			S <sub>m</sub> E			8.0	0.6				IS	17 27 43.0	5.3			
KMI	59.5	303	I PC	14 47 38.5	0.8						S <sub>m</sub> N			9.0	8.3	
			AP	14 47 52.0	- 1.7						S <sub>m</sub> E			11.0	3.5	
			ES	14 55 43.0	1.9						SCS	17 28 08.0	14.1			
			S <sub>m</sub> E			7.0	0.6				DL2	79.8	316	IPR	17 18 40.0	- 0.5
CD2	61.2	310	I PC	14 47 49.2	- 0.1						P <sub>m</sub> Z			4.0	1.7	
			P <sub>m</sub> Z			1.0	0.07				PP	17 21 43.0	- 1.5			
			S	14 56 06.0	3.0						IS	17 27 42.0	3.0			
HHC	61.4	323	EP	14 47 50.6	0.0						S <sub>m</sub> N			9.0	1.4	
BTO	62.2	322	P	14 47 55.3	- 0.4						S <sub>m</sub> E			11.0	3.5	
LZH	63.7	315	PC	14 48 06.0	0.2						PCP	17 18 44.0	- 1.6			
			P <sub>m</sub> Z			1.5	0.2				AP	17 20 54.0	- 0.1			
GTA	68.1	316	I PC	14 48 34.0	0.0						XP	17 21 51.0	- 6.8			
			S	14 57 31.0	3.1											
			S <sub>m</sub> E			8.0	0.5									
WMQ	78.2	347	PC	14 49 33.0	- 0.1											
			P <sub>m</sub> Z			1.5	0.1									
			S	14 59 24.6	2.7											
KSH	85.4	310	EP	14 50 12.0	1.2											

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			S	17 27 50.0	- 2.6						P <sub>m</sub> Z			1.0	0.4
			S <sub>m</sub> N			6.0	3.0				AP	17 21 26.0	1.3		
			S <sub>m</sub> E			6.0	2.5				XP	17 22 35.0	7.1		
			SKS	17 27 54.0	1.1						SKS	17 28 34.0	2.4		
			LE			10.0	1.1				S	17 28 50.5	2.4		
QZN	79.8	293	EP	17 18 41.2	0.6						S <sub>m</sub> E			10.0	1.5
			P <sub>m</sub> Z			9.0	1.3		XAN	86.5	307	IPD	17 19 14.0	0.1	
			AP	17 20 48.0	- 6.2						P <sub>m</sub> Z			5.0	2.1
			PP	17 21 57.0	2.1						AP	17 21 32.5	2.6		
			PP <sub>m</sub> Z			9.0	0.8				XP	17 22 40.0	7.0		
			ES	17 27 48.0	- 4.8						SKS	17 28 39.0	0.7		
			SKS	17 27 56.0	3.0						S	17 29 02.0	4.5		
SNY	80.1	319	I PR	17 18 42.0	- 0.5						S <sub>m</sub> N			10.0	2.0
			P <sub>m</sub> Z			5.0	2.4				S <sub>m</sub> E			10.0	6.2
			AP	17 20 53.0	- 3.2						XS	17 33 14.0	16.3		
			PP	17 21 50.0	- 7.9				HHC	87.5	314	I PU	17 19 20.0	1.5	
			IS	17 27 57.0	0.6						AP	17 21 31.0	- 3.8		
			S <sub>m</sub> N			8.0	5.3				XP	17 22 31.0	- 6.8		
			S <sub>m</sub> E			10.0	2.7				PP	17 23 04.0	6.0		
WHN	80.9	306	P	17 18 46.4	0.3						SKS	17 28 48.0	3.7		
			P <sub>m</sub> Z			1.5	0.3				S	17 29 14.0	7.6		
			XP	17 22 03.0	- 0.7						S <sub>m</sub> N			7.0	2.6
			S	17 28 05.0	1.5						S <sub>m</sub> E			8.5	3.5
			S <sub>m</sub> E			8.0	3.5		KMI	88.1	296	PD	17 19 23.0	1.2	
TIA	81.5	312	PD	17 18 49.1	- 0.1						P <sub>m</sub> Z			2.0	1.5
			P <sub>m</sub> N			5.0	0.4				AP	17 21 42.0	3.8		
			P <sub>m</sub> E			5.0	0.6				PP	17 23 09.0	5.8		
			P <sub>m</sub> Z			5.0	2.0				SKS	17 28 51.0	2.7		
			EAP	17 21 00.0	- 3.4						IS	17 29 18.0	5.3		
			PP	17 22 00.0	- 9.3						S <sub>m</sub> E			12.0	3.1
			ES	17 27 59.5	-10.0				BTO	88.4	313	I PR	17 19 23.0	0.0	
			SKS	17 28 06.0	1.3						SKS	17 28 54.0	4.0		
BJI	84.0	315	EP	17 19 01.5	- 0.2						S	17 29 15.0	0.1		
			P <sub>m</sub> E			5.0	0.9				S <sub>m</sub> N			9.0	0.8
			P <sub>m</sub> Z			5.0	2.4				S <sub>m</sub> E			9.0	1.4
			AP	17 21 18.0	1.1				CD2	89.3	302	P	17 19 27.8	0.6	
			XP	17 22 24.0	3.8						PP	17 23 19.0	6.3		
			ESKS	17 28 24.0	2.2						SKS	17 28 56.5	1.1		
			ES	17 28 39.0	5.2						S	17 29 03.0	-20.0		
			S <sub>m</sub> E			12.0	2.3				S <sub>m</sub> E			7.0	10.9
GYA	85.3	299	P	17 19 09.0	0.5				LZH	91.1	307	PD	17 19 36.0	0.5	
			XP	17 22 19.0	- 8.2						P <sub>m</sub> Z			1.5	0.4
			PP	17 22 40.0	0.0						AP	17 21 50.0	- 2.8		
			SKS	17 28 35.0	4.3						PP	17 23 20.0	- 5.7		
			S <sub>m</sub> E			7.0	2.8				SKS	17 29 05.0	- 0.7		
TIY	85.5	311	PD	17 19 09.5	0.4						S	17 29 44.5	5.6		

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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
GTA	95.3	309	P	17 19 53.8	- 0.5										
			SKS	17 29 28.0	0.1										
			S	17 30 16.5	2.5										
			S <sub>m</sub> E			8.0	0.8								
KSH	113.3	305	EPKP	17 25 04.0	1.4										
			PP	17 26 08.0	- 2.7										
			PP <sub>m</sub> Z			6.0	1.7								
			XPKP	17 28 38.0											
1984 11 22															
O=17 51 06.3 +/- 0.15 SEC															
LAT=38.91 N +/- 1.63 KM															
LONG=119.02 E +/- 1.87 KM															
DEPTH=33 KM +/- 0.02 KM															
MsZ(NEIS) = 3.2, ML(CHINA) = 3.8/19															
STATIONS USED=18, STAND DEV=4.71 SEC															
DL2	2.0	89	P	17 51 43.2	4.4										
			I	17 51 48.2											
			I	17 52 27.4											
			S <sub>m</sub> N		ML=3.6	0.8	0.6								
			S <sub>m</sub> E			0.8	0.4								
BJI	2.5	298	P	17 51 44.5	- 0.6										
			I	17 51 49.0											
			S	17 52 12.0	- 2.5										
			I	17 52 19.5											
			S <sub>m</sub> N		ML=4.5	0.5	3.0								
			S <sub>m</sub> E			0.5	2.0								
TIA	3.1	209	P	17 51 53.7	- 0.2										
			I	17 52 02.3											
			S	17 52 27.7	- 2.4										
			I	17 52 40.1											
			S <sub>m</sub> N		ML=3.9	0.6	0.5								
			S <sub>m</sub> E			0.6	0.4								
SNY	4.5	48	EP	17 52 21.8	7.3										
			I	17 52 39.6											
			S	17 53 06.2	- 0.7										
			I	17 53 35.4											
			S <sub>m</sub> N		ML=3.7	1.0	0.2								
			S <sub>m</sub> E			1.0	0.1								
TIY	5.3	259	P	17 52 32.6	7.0										
			I	17 52 41.2											
			I	17 53 46.5											
			S <sub>m</sub> N		ML=3.8	0.9	0.09								
			S <sub>m</sub> E			0.9	0.1								
1984 11 22															
O=18 17 37.6 +/- 0.30 SEC															
LAT=46.96 N +/- 3.30 KM															
LONG=152.90 E +/- 2.79 KM															
DEPTH=22 KM +/- 0.94 KM															
mb(NEIS) = 5.0															
STATIONS USED=14, STAND DEV=1.60 SEC															
SNY	21.5	266	EP	18 22 24.8	- 2.6										
BJI	27.3	268	P	18 23 25.0	1.6										
GTA	38.8	278	EP	18 25 02.0	- 1.1										
CD2	40.7	264	P	18 25 20.6	1.3										
GYA	41.6	257	P	18 25 28.6	2.1										
1984 11 22															
O=19 58 21.8 +/- 0.21 SEC															
LAT=20.26 N +/- 1.38 KM															
LONG=145.92 E +/- 3.06 KM															
DEPTH=71 KM +/- 0.60 KM															
mb(NEIS) = 5.2															
STATIONS USED=36, STAND DEV=1.52 SEC															
SSE	24.7	300	EP	20 03 36.8	- 1.2										
			AP	20 03 54.7	0.7										
NJ2	26.9	301	EP	20 04 00.0	1.5										
			AP	20 04 15.9	1.2										
MDJ	27.8	334	EP	20 04 07.5	0.6										
DL2	28.0	316	EP	20 04 10.0	1.6										
SNY	28.6	323	PC	20 04 12.6	- 1.5										
TIA	29.8	308	EP	20 04 23.2	- 1.2										
BJI	32.2	314	P	20 04 43.5	- 1.9										
XAN	35.5	300	EP	20 05 13.5	- 0.3										
BTO	36.7	311	EP	20 05 23.5	- 0.4										
CD2	39.3	294	EP	20 05 45.8	0.1										
LZH	40.0	302	EP	20 05 51.5	- 0.1										
KMI	40.0	285	EP	20 05 54.5	2.5										
GTA	43.8	306	I PC	20 06 22.9	0.1										
			PCP	20 08 09.5	1.4										
			SCP	20 11 55.8	3.8										
WMQ	53.5	310	P	20 07 36.5	- 1.1										
			S	20 15 04.4	0.8										
			S <sub>m</sub> E											2.5	0.05
1984 11 22															

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	
<b>O=21 54 16.8</b> +/- 0.22 SEC <b>LAT=17.59 S</b> +/- 1.13 KM <b>LONG=178.02 W</b> +/- 3.24 KM <b>DEPTH=638 KM</b> +/- 2.59 KM <b>mb(NEIS) = 4.9</b> <b>STATIONS USED=32, STAND DEV=2.21 SEC</b>								<b>DEPTH=31 KM</b> +/- 0.15 KM <b>Ms(CHINA) = 6.7/1, Msz(NEIS) = 6.7, mb(NEIS) = 6.0</b> <b>STATIONS USED=13, STAND DEV=0.90 SEC</b>								
MDJ	78.1	324	EP	22 05 13.0	-	1.1		NJ2	68.2	313	EP	04 57 05.8	0.0			
BJI	83.8	315	EP	22 05 42.0	-	1.0		QZN	69.0	297	EP	04 57 11.4	0.6			
GYA	85.2	299	EP	22 05 55.6		5.7		1984 11 23								
XAN	86.4	307	P	22 05 59.1		3.8		<b>O=07 12 31.7</b> +/- 0.45 SEC <b>LAT=14.11 S</b> +/- 5.32 KM <b>LONG=171.34 E</b> +/- 5.84 KM <b>DEPTH=35 KM</b> +/- 1.63 KM <b>Ms(CHINA) = 5.6/12, Msz(NEIS) = 5.8, mb(NEIS) = 5.5</b> <b>STATIONS USED=59, STAND DEV=4.04 SEC</b>								
KMI	88.0	296	EP	22 06 03.0	-	0.3		SSE	65.9	313	EP	07 23 16.7	0.1			
1984 11 23											S	07 32 05.0	4.9			
<b>O=02 57 17.6</b> +/- 0.29 SEC <b>LAT=26.53 S</b> +/- 3.33 KM <b>LONG=177.72 W</b> +/- 5.72 KM <b>DEPTH=175 KM</b> +/- 3.02 KM <b>mb(NEIS) = 4.9</b> <b>STATIONS USED=39, STAND DEV=2.68 SEC</b>											LN	Ms=5.5	20.0	2.9		
NJ2	83.9	310	PC	03 09 30.2		0.2		NJ2	68.1	313	PU	07 23 31.5	1.1			
MDJ	85.6	325	PD	03 09 38.0	-	0.2					P <sub>m</sub> Z'		4.5	1.0		
WHN	86.2	306	P	03 09 42.0		0.7					ES	07 32 28.0	1.6			
SNY	87.0	320	PC	03 09 44.2	-	0.7					LN	Ms=5.6	20.0	4.0		
TIA	87.5	312	PD	03 09 47.6		0.0		QZN	68.9	297	P	07 23 38.0	2.1			
TIY	91.5	311	EP	03 10 06.5		0.3					P <sub>m</sub> Z		7.0	0.8		
XAN	92.0	307	P	03 10 08.9		0.4					PP	07 26 06.0	-	3.8		
KMI	92.3	296	PC	03 10 11.5		1.3		MDJ	69.7	329	EP	07 23 40.0	-	0.4		
CD2	94.2	302	P	03 10 20.2		1.4		DL2	70.2	320	P	07 23 46.0	2.1			
1984 11 23											ES	07 32 55.0	2.6			
<b>O=03 55 04.0</b> +/- 0.03 SEC <b>LAT=49.90 N</b> +/- 0.71 KM <b>LONG=78.04 E</b> +/- 0.65 KM <b>DEPTH=0 KM</b> +/- 0.06 KM <b>mb(NEIS) = 4.7, ML(CHINA) = 4.4/1</b> <b>STATIONS USED=12, STAND DEV=0.56 SEC</b>											LN	Ms=5.3	14.0	0.9		
WMQ	9.0	128	P	03 57 18.1		0.0					LE		14.0	0.9		
			LG <sub>2</sub>	03 59 52.6	-	7.6		WHN	70.5	309	EP	07 23 45.8	0.2			
			LN				1.0 0.08	SNY	70.9	324	EP	07 23 49.2	1.0			
			LE				1.0 0.07	BJI	74.3	319	EP	07 24 08.5	0.4			
GTA	18.6	115	EP	03 59 25.6		0.1					P <sub>m</sub> N		4.0	0.3		
1984 11 23											P <sub>m</sub> Z		5.0	0.9		
<b>O=04 46 05.7</b> +/- 0.04 SEC <b>LAT=14.37 S</b> +/- 0.71 KM <b>LONG=171.29 E</b> +/- 0.73 KM											ES	07 33 40.0	0.9			
											S <sub>m</sub> N		9.0	1.0		
											S <sub>m</sub> E		8.0	1.1		
											LN	Ms=5.4	18.0	1.8		
								GYA	74.7	302	EP	07 24 10.6	0.4			
								TIY	75.5	315	P	07 24 16.0	0.8			
											S	07 33 56.0	3.2			
											LN	Ms=5.6	17.0	1.9		
											LE		17.0	2.1		
								XAN	76.2	310	P	07 24 19.8	0.6			
											S	07 34 06.0	5.6			
											LE	Ms=5.8	21.0	5.4		



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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
KMI	77.4	300	EP	07 24 26.5	0.7						LE			7.0	93
			P <sub>m</sub> Z			6.0	1.0	TIY	4.9	92	PN	09 46 36.6	- 1.8		
			ES	07 34 00.0	- 13.1						PG	09 46 56.1	3.5		
			LE		M <sub>s</sub> =5.7	22.0	3.9				SN	09 47 27.6	- 7.8		
HHC	77.7	317	IPU	07 24 29.5	1.9						SG	09 47 53.6	- 2.7		
			ES	07 34 13.0	- 3.7						S <sub>m</sub> N		ML=6.2	2.0	38.8
			SKS	07 34 27.0	- 5.1						S <sub>m</sub> E			2.0	27.3
			LN		M <sub>s</sub> =5.5	16.0	0.6	HHC	4.9	53	EPN	09 46 35.4	- 4.2		
			LE			18.0	2.0				SN	09 47 32.0	- 5.4		
BTO	78.6	317	PU	07 24 34.0	1.5			GTA	5.3	286	PN	09 46 40.8	- 3.2		
			S	07 34 24.0	- 2.2						PG	09 47 03.0	3.3		
CD2	78.8	305	EP	07 24 35.0	1.5						ISG	09 48 10.9	2.4		
LZH	80.9	310	PD	07 24 45.0	0.3						S <sub>m</sub> N			4.5	12.9
			P <sub>m</sub> Z			7.0	0.9	CD2	7.4	197	EPN	09 47 15.4	0.9		
			ES	07 34 46.0	- 4.0						PG	09 47 46.0	6.7		
			LE		M <sub>s</sub> =5.9	21.0	5.6				LG <sub>2</sub>	09 49 30.0	1.1		
GTA	85.1	312	P	07 25 07.2	0.7						LN		M <sub>s</sub> =5.1	11.0	15.1
			S	07 35 36.0	3.1			BJI	7.9	72	PN	09 47 22.0	0.5		
			LE		M <sub>s</sub> =5.7	19.0	3.2				PG	09 47 50.0	1.4		
WMQ	95.1	313	PC	07 25 54.0	0.5						SG	09 49 31.0	- 1.5		
KSH	102.9	307	EP	07 26 02.0	- 26.7						S <sub>m</sub> N		ML=6.2	0.5	10.3
											S <sub>m</sub> E			0.5	4.0
											LN		M <sub>s</sub> =4.8	9.5	6.4
1984 11 23															
O=09 45 23.9 +/- 0.17 SEC															
LAT=38.05 N +/- 2.36 KM															
LONG=106.30 E +/- 2.17 KM															
DEPTH=17 KM +/- 0.28 KM															
M <sub>s</sub> (CHINA) = 5.1/25, M <sub>sz</sub> (NEIS) = 4.6, mb(NEIS) = 5.2,															
ML(CHINA) = 5.9/9															
STATIONS USED=86, STAND DEV=3.57 SEC															
LZH	2.8	225	EPN	09 46 10.0	1.1			WHN	10.0	136	EP	09 47 54.5	4.1		
			PG	09 46 14.0	- 0.6						LG <sub>1</sub>	09 50 39.0	0.5		
			SN	09 46 42.0	- 0.7						LN		M <sub>s</sub> =5.1	9.0	10.4
			SG	09 46 49.0	- 2.0			GYA	11.6	178	P	09 48 11.0	- 0.7		
			S <sub>m</sub> N		ML=5.6	3.0	37.1				XP	09 48 20.0	- 0.6		
			S <sub>m</sub> E			3.0	22.8				S	09 50 14.0	- 7.9		
BTO	3.8	47	PN	09 46 25.0	1.0						LG <sub>1</sub>	09 51 15.0	- 12.1		
			PG	09 46 35.0	1.0						LG <sub>2</sub>	09 51 33.0	- 12.4		
			SG	09 47 23.0	- 1.4						LE		M <sub>s</sub> =5.2	7.0	8.7
			LN			3.0	15.4	NJ 2	11.9	116	EP	09 48 18.0	1.9		
			LE			3.0	14.4				S	09 50 35.0	5.3		
XAN	4.5	151	PN	09 46 31.2	- 2.5						LG <sub>1</sub>	09 51 41.0	3.5		
			PG	09 46 44.5	- 2.1						LN		M <sub>s</sub> =4.9	12.0	6.8
			SN	09 47 23.5	- 3.4			DL2	12.0	81	P	09 48 22.0	3.9		
			SG	09 47 41.5	- 4.4						ES	09 50 40.0	6.6		
			LN		M <sub>s</sub> =5.1	9.0	22.3				LG <sub>2</sub>	09 52 03.0	1.6		
											LN		M <sub>s</sub> =4.8	12.0	3.0
											LE			14.0	4.6
								KMI	13.2	194	EP	09 48 34.0	- 0.3		
											ES	09 51 00.0	- 2.7		
											LG <sub>1</sub>	09 52 21.0	1.2		
											LN		M <sub>s</sub> =4.7	12.0	4.0
								SNY	13.8	68	PC	09 48 43.0	1.8		

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
			LG <sub>1</sub>	09 52 35.0	- 1.8										
			LG <sub>2</sub>	09 52 59.0	0.4			XAN	4.4	156	PN	12 51 29.8	- 2.3		0.4 0.02
			LN		Ms = 5.2	7.0	4.5				PG	12 51 43.2	- 1.3		
			LE			5.0	2.5				SN	12 52 20.8	- 3.1		
SSE	14.1	115	P	09 48 48.0	2.9						SG	12 52 39.0	- 3.3		
			LG <sub>1</sub>	09 52 56.0	9.8						S <sub>m</sub> N		ML = 2.6	0.6	0.01
			ELG <sub>2</sub>	09 53 24.0	15.5						S <sub>m</sub> E			0.6	0.01
			LN		Ms = 4.9	12.0	5.1	TIY	4.5	93	PG	12 51 50.4	5.1		
			LE			12.0	2.7				SG	12 52 45.0	1.3		
WMQ	15.2	298	EP	09 49 00.0	0.2						S <sub>m</sub> N		ML = 3.5	0.7	0.05
			LG <sub>1</sub>	09 53 15.0	- 6.0						S <sub>m</sub> E			0.6	0.09
			LN		Ms = 5.3	11.0	7.8	HHC	4.6	51	EPG	12 51 49.6	2.1		
			LE			5.0	4.0				SG	12 52 53.2	5.9		
GZH	16.1	155	EP	09 49 12.0	0.7						S <sub>m</sub> E		ML = 3.3	0.6	0.05
			ES	09 52 14.0	4.3										
			LN		Ms = 5.2	6.0	3.0	1984 11 23							
			LE			7.0	4.4	O = 18 08 27.3 +/- 0.17 SEC							
QZH	16.7	137	EP	09 49 21.0	1.6			LAT = 37.44 N +/- 4.93 KM							
			LG <sub>2</sub>	09 54 23.0	- 12.9			LONG = 118.47 W +/- 3.91 KM							
			LN		Ms = 4.9	9.0	3.3	DEPTH = 18 KM +/- 1.45 KM							
			EP	09 49 41.0	- 2.3			Ms(CHINA) = 5.4/8, Msz(NEIS) = 5.7, mb(NEIS) = 5.6							
MDJ	18.6	62	EP	09 49 41.0	- 2.3			STATIONS USED = 53, STAND DEV = 3.54 SEC							
			LG <sub>2</sub>	09 55 32.0	- 7.2			MDJ	77.8	317	EP	18 20 46.0	19.9		
			LE		Ms = 5.0	9.0	3.1	SNY	82.9	318	PR	18 20 55.5	2.2		
QZN	19.2	169	EP	09 49 58.2	8.2						PP	18 24 04.0	- 0.6		
			XS	09 53 32.0	2.7						S	18 31 11.0	0.4		
			LG <sub>2</sub>	09 55 50.0	- 7.5						XS	18 31 34.0	11.8		
			SCP	09 57 43.0	- 3.1						SS	18 36 42.0	6.6		
KSH	23.6	282	EP	09 50 45.0	9.3						LN		Ms = 5.6	36.0	3.8
			EXS	09 55 17.0	20.2						LE			37.0	3.4
			LN		Ms = 5.1	10.0	3.2	DL2	86.0	317	EP	18 21 10.0	1.0		
1984 11 23											ES	18 31 34.0	- 7.4		
O = 12 50 24.1					+/- 0.16 SEC						LE		Ms = 5.4	15.0	1.1
LAT = 38.12 N					+/- 1.40 KM			BJI	88.0	321	EP	18 21 20.0	1.3		
LONG = 106.82 E					+/- 1.95 KM						PP	18 24 49.5	2.9		
DEPTH = 18 KM					+/- 0.01 KM						S <sub>m</sub> N			10.0	0.5
ML (CHINA) = 3.4/8											S <sub>m</sub> E			9.0	0.3
STATIONS USED = 6, STAND DEV = 2.43 SEC								HHC	89.6	324	P	18 21 28.0	1.6		
LZH	3.1	230	EPN	12 51 11.5	- 2.5						SKS	18 31 58.0	5.4		
			SN	12 51 46.0	- 5.7						S	18 32 05.0	- 10.4		
			S <sub>m</sub> N		ML = 3.4	1.0	0.2				LE		Ms = 5.4	20.0	1.5
			S <sub>m</sub> E			1.0	0.1	TIA	90.4	318	EP	18 21 31.9	1.8		
BTO	3.5	43	EPN	12 51 15.0	- 4.3						SKS	18 31 58.8	1.4		
			PG	12 51 27.5	- 0.5						ES	18 32 21.9	- 0.7		
			ESG	12 52 15.4	1.5						S <sub>m</sub> N			8.0	0.5
			S <sub>m</sub> N		ML = 2.7	0.4	0.02				LE		Ms = 5.1	18.0	1.2

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STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
BTO	90.5	325	EP	18 21 32.9	2.3			NJ2	39.4	354	PD	21 25 26.5	1.3		
TIY	91.7	321	EP	18 21 38.4	2.5			CD2	42.2	335	EP	21 25 48.4	0.1		
			SKS	18 32 10.0	5.4			XAN	43.3	343	PD	21 25 56.3	- 0.5		
			S	18 32 33.5	- 0.2			BJI	47.6	353	EP	21 26 30.5	- 0.9		
			LN	Ms = 5.5		16.0	1.4	GTA	51.2	337	P	21 26 59.0	- 0.1		
NJ2	92.6	314	EP	18 21 40.5	0.5			WMQ	60.0	331	EP	21 28 01.5	- 1.4		
WMQ	95.7	341	PD	18 21 56.5	2.1			1984 11 23							
GTA	95.8	331	EP	18 21 54.4	- 0.5			O=21 29 26.7	+/- 0.14 SEC						
			LN	Ms=5.1		14.0	0.5	LAT=12.05 N	+/- 2.24 KM						
XAN	96.3	322	EP	18 21 54.7	- 2.4			LONG=126.72 E	+/- 3.13 KM						
1984 11 23								DEPTH=33 KM	+/- 0.56 KM						
O=18 40 14.2	+/- 0.72 SEC														
LAT=8.10 S	+/- 4.50 KM														
LONG=76.17 W	+/- 2.49 KM														
DEPTH=126 KM	+/- 6.26 KM														
mb(NEIS)=5.9															
STATIONS USED=81, STAND DEV=3.06 SEC															
MDJ	137.3	332	EPKP	18 59 24.5	0.6			QZH	15.0	330	EP	21 33 06.0	8.4		
KSH	140.0	34	EPKP	18 59 30.0	0.9						LN	Ms=4.3		13.0	0.6
WMQ	141.7	18	PKP	18 59 27.0	- 5.0						LE			13.0	1.2
SNY	142.1	335	IPKPD	18 59 28.1	- 4.5			GZH	16.8	312	EP	21 33 20.0	- 1.3		
DL2	145.4	335	IPKPD	18 59 38.9	0.7						S <sub>m</sub> N			10.0	0.8
BJI	146.3	342	EPKP	18 59 41.0	1.3						S <sub>m</sub> E			8.0	1.0
HHC	146.7	349	IPKP	18 59 43.3	2.8						EXS	21 36 39.0	1.0		
BTO	147.2	351	PKP	18 59 43.3	2.0						LN	Ms=4.6		12.0	1.3
GTA	148.6	5	IPKPD	18 59 45.8	2.0			QZN	17.7	295	EP	21 33 33.4	1.3		
TIA	149.5	338	EPKP	18 59 46.5	1.5						P <sub>m</sub> Z			8.0	1.2
TIY	149.5	346	EPKP	18 59 47.0	1.9						S	21 36 50.0	- 9.0		
SSE	152.0	327	PKP	18 59 50.0	1.3						XS	21 37 10.0	- 1.0		
NJ2	152.4	331	PKPD	18 59 50.6	1.4						LN	Ms=4.6		13.0	1.3
XAN	153.8	350	PKPD	18 59 52.9	3.9						LE			15.0	1.8
WHN	155.6	337	PKP	18 59 55.7	2.1			SSE	19.6	345	PR	21 33 55.5	0.0		
CD2	157.3	0	PKP	18 59 58.3	2.3						P <sub>m</sub> Z			1.5	0.5
GYA	161.5	351	PKP	19 00 03.0	2.2						AP	21 34 02.2	- 1.5		
GZH	162.5	329	EPKP	19 00 05.0	3.4						S	21 37 32.0	2.3		
KMI	163.0	3	PKPD	19 00 04.0	1.6						XS	21 37 42.0	0.4		
1984 11 23											LN	Ms=4.9		13.0	2.8
O=21 17 56.0	+/- 0.07 SEC														
LAT=7.45 S	+/- 1.25 KM														
LONG=122.68 E	+/- 1.70 KM														
DEPTH=32 KM	+/- 0.10 KM														
Msz(NEIS)=4.2, mb(NEIS)=5.0															
STATIONS USED=24, STAND DEV=1.19 SEC															
GYA	37.1	335	P	21 25 06.0	0.1			NJ2	21.2	341	PC	21 34 12.7	0.9		
											XS	21 38 14.0	- 0.7		
											LE	Ms=4.8		14.0	2.6
								GYA	23.7	310	PR	21 34 37.0	0.2		
											XP	21 34 48.0	- 1.8		
											S	21 38 57.0	10.4		
											S <sub>m</sub> N			8.0	1.0
											S <sub>m</sub> E			8.0	1.0
											LE	Ms=4.7		16.0	2.2
								TIA	25.6	341	PC	21 34 54.9	0.2		

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			ES	21 39 21.7	3.7										
			S <sub>m</sub> N			9.0	0.5								
			EXS	21 39 33.5	0.4										
			SS	21 40 28.5	7.3										
			LN	Ms=4.5		9.5	0.4								
			LE			11.5	0.6								
KMI	26.1	303	IPD	21 35 00.0	-0.1										
			S	21 39 32.0	4.3										
			XS	21 39 48.0	5.6										
			LN	Ms=4.8		15.0	2.3								
DL2	27.1	351	EP	21 35 10.0	0.9										
			AP	21 35 17.0	-1.2										
			ES	21 39 51.0	7.4										
			LN	Ms=4.7		14.0	0.9								
			LE			12.0	1.0								
XAN	27.2	326	PD	21 35 08.9	-1.4										
			S	21 39 54.0	8.3										
			LN	Ms=4.8		15.0	0.8								
			LE			15.0	1.7								
CD2	28.3	315	EP	21 35 19.4	-0.7										
TIY	28.6	335	EP	21 35 21.9	-0.4										
			XS	21 40 20.5	-1.8										
			LN	Ms=4.8		13.0	1.3								
			LE			13.0	1.1								
BJI	29.4	343	EP	21 35 29.0	-0.4										
			ES	21 40 25.0	5.0										
			LE	Ms=4.6		15.0	1.1								
SNY	29.8	355	IPD	21 35 33.7	0.7										
			S	21 40 29.0	2.7										
			LN	Ms=4.8		20.0	1.4								
			LE			16.0	1.6								
LZH	31.6	323	PD	21 35 49.0	-0.3										
			P <sub>m</sub> Z			2.0	10.1								
			LE	Ms=4.8		17.0	1.8								
BTO	32.0	335	EP	21 35 52.4	-0.4										
MDJ	32.5	3	EP	21 35 57.5	0.2		0.1								
GTA	36.2	323	IPD	21 36 29.1	0.3										
			PCP	21 38 54.8	1.4										
WMQ	46.1	320	PD	21 37 50.0	-0.3										
KSH	52.4	310	PD	21 38 40.0	1.6										
1984 11 24															
O=04 49 11.0 +/- 0.18 SEC															
LAT=21.07 N +/- 2.45 KM															
LONG=119.79 E +/- 2.51 KM															
DEPTH=30 KM +/- 0.57 KM															
Ms(CHINA)=4.0/2, mb(NEIS)=4.5, ML(CHINA)=3.5/2															
STATIONS USED=22, STAND DEV=2.83 SEC															
			QZH	4.0	344	PN		04 50 09.7	-2.3						
						ESN		04 51 00.5	1.9						
			GZH	6.3	289	PNC		04 50 44.0	-0.5						
						SN		04 51 48.0	-8.5						
			LE					Ms=4.0				9.0	1.2		
			QZN	9.6	259	EP		04 51 30.4	0.4						
						S		04 53 17.4	-0.4						
			LN					Ms=4.0				12.0	0.7		
			LE									11.0	0.6		
			GYA	13.2	296	P		04 52 18.0	-0.9						
			XAN	16.1	325	EP		04 52 55.5	-1.6						
			KMI	16.2	287	PC		04 53 04.0	5.5						
			CD2	17.4	307	P		04 53 15.4	1.8						
			BJI	19.2	351	EP		04 53 33.0	-2.0						
			LZH	20.4	320	EP		04 53 48.5	-0.7						
			MDJ	24.8	16	EP		04 54 31.5	-1.0						
1984 11 24															
O=05 49 43.0 +/- 0.11 SEC															
LAT=52.74 N +/- 1.66 KM															
LONG=98.27 E +/- 1.72 KM															
DEPTH=33 KM +/- 0.27 KM															
Ms(CHINA)=4.8/17, Msz(NEIS)=4.2, mb(NEIS)=4.9															
STATIONS USED=42, STAND DEV=2.07 SEC															
			WMQ	11.4	222	P		05 52 24.5	-1.8						
						LG		05 55 32.0							
						LN						0.8	0.3		
						LE						0.8	0.3		
			GTA	13.4	174	P		05 52 52.8	-0.5						
						LG <sub>1</sub>		05 56 26.8	-16.3						
			LE					Ms=5.1				10.0	7.5		
			BTO	14.6	141	EP		05 53 06.0	-2.8						
						LG <sub>1</sub>		05 57 01.0	-19.1						
						LG <sub>2</sub>		05 57 23.0	-20.1						
						LN		Ms=4.9				8.0	2.5		
			LE									8.0	2.0		
			HHC	14.9	137	P		05 53 13.0	-0.9						
						LG <sub>1</sub>		05 57 17.0	-15.5						
						LG <sub>2</sub>		05 57 37.0	-19.1						
						LN		Ms=4.7				9.0	1.5		
			LE									8.0	1.5		
			LZH	17.1	164	EP		05 53 41.5	-0.1						
						ES		05 56 40.0	-11.9						
						PCP		05 58 25.0	-0.6						

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			LG	05 58 40.0				1984 11 24							
			LE		Ms = 5.0	11.0	4.7	O=17 17 44.6 +/- 0.11 SEC							
BJI	17.7	128	EP	05 53 46.0	- 2.2			LAT=23.36 S +/- 2.16 KM							
			(S)	05 56 52.0	-22.7			LONG=179.84 E +/- 1.42 KM							
			PCP	05 58 37.0	10.5			DEPTH=549 KM +/- 1.77 KM							
			LG	05 58 55.5				mb(NEIS) = 5.2							
			LN		Ms = 4.6	11.5	1.4	STATIONS USED=50, STAND DEV=1.37 SEC							
			LE			12.0	1.3	NJ2	80.2	311	PD	17 28 59.6	- 0.2		
TIY	18.0	141	EP	05 53 54.6	- 2.2			WHN	82.6	307	P	17 29 12.3	0.5		
			(S)	05 57 17.0	-12.0			SNY	83.1	321	EP	17 29 14.4	- 0.4		
			LG <sub>1</sub>	05 59 03.0	- 4.8			TIA	83.7	313	EP	17 29 17.7	- 0.1		
			LN		Ms = 4.8	8.0	2.1	GYA	86.3	300	P	17 29 31.0	0.5		
CN2	20.1	105	PC	05 54 15.6	- 1.1			BJI	86.5	316	EP	17 29 30.5	- 0.7		
			P <sub>m</sub> Z			2.0	0.3	TIY	87.7	312	PD	17 29 37.4	0.5		
			ES	05 58 00.0	4.2						P <sub>m</sub> Z			1.2	0.09
			LG	06 00 09.0				XAN	88.3	308	PD	17 29 40.2	0.6		
			LN		Ms = 5.1	10.0	3.5	KMI	88.9	297	PD	17 29 43.0	0.5		
			LE			10.0	2.3	HHC	89.9	315	I PC	17 29 48.0	0.7		
XAN	20.2	153	EP	05 54 13.9	- 4.0			CD2	90.7	303	P	17 29 51.8	1.3		
			LG <sub>1</sub>	05 59 58.5	-18.7			BTO	90.8	314	EP	17 29 50.7	- 0.6		
			LE		Ms = 4.9	11.0	2.8	GTA	97.2	309	P	17 30 20.2	- 0.5		
SNY	20.2	112	EP	05 54 18.1	- 0.2			1984 11 25							
			S	05 58 00.0	1.2			O=03 22 09.7 +/- 0.11 SEC							
			LG <sub>1</sub>	06 00 10.0	- 8.5			LAT=5.27 N +/- 1.49 KM							
			LN		Ms = 4.9	10.0	2.5	LONG=127.66 E +/- 2.20 KM							
			LE			10.0	1.7	DEPTH=61 KM +/- 0.55 KM							
KSH	20.3	237	EP	05 54 21.0	2.1			mb(NEIS) = 5.0							
			ES	05 57 55.0	- 4.9			STATIONS USED=46, STAND DEV=1.60 SEC							
			LE		Ms = 4.9	9.0	2.7	QZN	22.1	309	P	03 27 02.8	1.2		
TIA	21.2	133	EP	05 54 26.9	- 1.4						S	03 31 07.0	10.4		
			LG <sub>1</sub>	06 00 54.5	5.5						SS	03 31 51.5	14.1		
			LG <sub>2</sub>	06 01 29.0	6.4			GZH	22.5	323	EP	03 27 04.5	- 0.5		
			LN		Ms = 4.5	10.5	0.9	WHN	28.1	335	EP	03 27 56.0	- 2.1		
			LE			10.5	0.7	GYA	29.1	318	P	03 28 07.0	- 0.2		
DL2	21.2	121	EP	05 54 28.0	- 0.6			KMI	31.0	312	PD	03 28 24.5	0.2		
			ES	05 58 15.0	- 3.0			TIA	32.3	343	EP	03 28 32.6	- 2.6		
			LN		Ms = 4.9	8.0	1.7	DL?	33.9	351	EP	03 28 49.5	0.1		
			LE			11.0	1.9	CD2	34.0	321	P	03 28 49.4	- 0.7		
MDJ	22.1	98	EP	05 54 39.0	1.9			TIY	35.2	338	E(P)	03 28 57.3	- 2.7		
			LG <sub>1</sub>	06 01 05.0	-11.5			BJI	36.1	344	EP	03 29 07.5	- 0.7		
			LE		Ms = 4.7	16.0	2.1	SNY	36.6	354	IPD	03 29 12.1	0.1		
CD2	22.2	167	EP	05 54 37.2	- 1.0			LZH	37.7	327	EP	03 29 21.5	0.1		
			ES	05 58 31.0	- 4.7			HHC	38.3	340	EP	03 29 26.0	- 0.2		
NJ2	25.5	136	EP	05 55 10.6	0.3			MDJ	39.2	2	EP	03 29 35.0	0.9		
			LE		Ms = 4.4	10.0	0.6	GTA	42.3	327	P	03 30 00.0	0.5		
GYA	27.0	163	P	05 55 29.4	5.1										

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1984 11 25							
O = 07 06 48.4				+/- 0.16 SEC			
LAT = 6.51 S				+/- 1.10 KM			
LONG = 128.61 E				+/- 1.77 KM			
DEPTH = 285 KM				+/- 1.85 KM			
mb(NEIS) = 4.7				STATIONS USED = 27, STAND DEV = 1.75 SEC			
NJ2	39.5	346	PC	07 13 52.4	- 0.9		
CD2	44.2	328	EP	07 14 30.6	- 0.9		
XAN	44.4	336	PC	07 14 31.6	- 2.0		
LZH	48.3	332	EP	07 15 03.0	- 1.1		
GTA	52.9	332	P	07 15 37.6	- 0.3		
1984 11 25							
O = 07 51 22.1				+/- 0.09 SEC			
LAT = 36.33 N				+/- 1.68 KM			
LONG = 70.93 E				+/- 1.55 KM			
DEPTH = 74 KM				+/- 0.34 KM			
mb(NEIS) = 5.1				STATIONS USED = 31, STAND DEV = 1.75 SEC			
KSH	5.1	50	EPN	07 52 39.0	1.5		
			SN	07 53 35.0	- 0.5		
			LE			9.0	2.7
GTA	23.0	73	P	07 56 21.4	0.2		
BTO	30.7	69	EP	07 57 31.8	- 1.0		
BJI	35.5	69	EP	07 58 13.5	- 0.1		
NJ2	39.6	81	EP	07 58 46.6	- 1.2		
DL2	39.8	70	EP	07 58 50.5	0.5		
1984 11 25							
O = 12 35 44.1				+/- 0.06 SEC			
LAT = 34.39 N				+/- 1.61 KM			
LONG = 142.68 E				+/- 0.90 KM			
DEPTH = 51 KM				+/- 0.84 KM			
Ms(CHINA) = 4.2/7, mb(NEIS) = 4.7				STATIONS USED = 36, STAND DEV = 1.05 SEC			
MDJ	12.2	310	EP	12 38 38.5	0.2		
SNY	15.4	292	EP	12 39 19.2	- 0.2		
			S	12 42 06.0	- 2.6		
			LN			Ms = 4.2	16.0 1.2
DL2	16.6	281	EP	12 39 36.7	1.3		
SSE	18.8	256	EP	12 40 02.7	0.3		
			ES	12 43 30.0	0.3		
			XS	12 43 50.0	4.7		
			LE			Ms = 4.3	14.0 1.0
NJ2	20.3	261	EP	12 40 17.0	- 1.2		

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			LE			Ms = 4.1	10.0 0.4
TIA	20.5	274	EP	12 40 19.0	- 1.4		
			LN			Ms = 4.3	10.0 0.4
			LE				10.5 0.6
BJI	20.8	285	EP	12 40 21.5	- 2.4		
TIY	23.9	280	EP	12 40 55.2	0.4		
			LE			Ms = 3.9	11.0 0.3
WHN	24.4	262	EP	12 41 01.0	1.7		
XAN	27.5	273	EP	12 41 28.5	0.0		
GYA	32.3	260	P	12 42 10.4	- 0.3		
CD2	32.7	270	EP	12 42 14.9	0.7		
KMI	36.0	261	PC	12 42 43.5	0.6		
WMQ	41.6	296	EP	12 43 30.0	0.9		
1984 11 25							
O = 17 14 32.6				+/- 0.07 SEC			
LAT = 38.87 N				+/- 1.24 KM			
LONG = 75.75 E				+/- 1.01 KM			
DEPTH = 33 KM				+/- 0.17 KM			
mb(NEIS) = 5.0, ML(CHINA) = 4.4/2				STATIONS USED = 18, STAND DEV = 1.46 SEC			
KSH	0.6	17	PR	17 14 46.0	- 0.5		
			S	17 14 59.0	5.1		
			S <sub>m</sub> N			ML = 4.3	1.0 13.3
WMQ	10.3	57	P	17 17 00.0	- 0.7		
			LN				2.0 0.2
			LE				2.0 0.1
GTA	18.7	80	P	17 18 51.2	0.7		
1984 11 25							
O = 19 12 48.7				+/- 0.22 SEC			
LAT = 21.24 N				+/- 2.87 KM			
LONG = 119.77 E				+/- 2.76 KM			
DEPTH = 19 KM				+/- 0.69 KM			
mb(NEIS) = 4.5, ML(CHINA) = 3.6/4				STATIONS USED = 27, STAND DEV = 2.97 SEC			
QZH	3.8	343	EPN	19 13 46.4	- 1.9		
			SN	19 14 28.5	- 5.2		
			S <sub>m</sub> N			ML = 3.7	1.0 0.1
			S <sub>m</sub> E				1.3 0.2
GZH	6.2	288	PN	19 14 19.5	- 2.6		
			SN	19 15 38.5	4.6		
			LN				0.8 0.08
			LE				0.8 0.1
QZN	9.6	258	EP	19 15 07.6	- 1.3		
			S	19 16 51.3	- 6.1		

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			LN			12.0	0.8								
			LE			12.0	0.8								
GYA	13.1	295	P	19 15 55.2	- 1.2										
XAN	15.9	325	EP	19 16 38.0	3.9										
KMI	16.1	287	EP	19 16 41.0	4.5										
CD2	17.3	307	P	19 16 53.3	2.3										
BJI	19.0	351	P	19 17 10.0	- 2.0										
LZH	20.3	320	EP	19 17 26.5	- 0.2										
HHC	20.7	342	EP	19 17 30.0	- 1.3										
SNY	20.8	8	EP	19 17 28.8	- 2.6										
GTA	24.9	321	P	19 18 11.7	- 0.6										
WMQ	34.8	317	EP	19 19 42.0	0.8										
1984 11 26															
O = 01 32 03.7 +/- 0.11 SEC															
LAT = 39.71 N +/- 1.01 KM															
LONG = 117.12 E +/- 1.08 KM															
DEPTH = 33 KM +/- 0.13 KM															
ML(CHINA) = 3.3/13															
STATIONS USED = 5, STAND DEV = 3.52 SEC															
BJI	0.8	294	P	01 32 23.0	4.5										
			I	01 32 37.0											
			S <sub>m</sub> N		ML = 3.6	0.5	2.1								
			S <sub>m</sub> E			0.5	1.3								
TIA	3.5	179	EP	01 32 58.6	1.6										
			I	01 33 08.4											
			S	01 33 35.6	- 2.1										
			I	01 33 51.2											
			S <sub>m</sub> N		ML = 2.8	0.5	0.03								
			S <sub>m</sub> E			0.5	0.03								
DL2	3.6	101	EP	01 33 04.0	5.6										
			ES	01 33 46.0	5.8										
			S <sub>m</sub> N		ML = 2.9	0.5	0.04								
			S <sub>m</sub> E			0.5	0.03								
TIY	4.2	242	P	01 33 23.6	16.6										
			I	01 34 21.4											
			S <sub>m</sub> N		ML = 2.8	0.8	0.05								
			S <sub>m</sub> E			0.6	0.02								
HHC	4.4	286	EP	01 33 29.0	19.1										
			I	01 34 30.0											
			S <sub>m</sub> N		ML = 3.4	1.0	0.05								
			S <sub>m</sub> E			1.0	0.09								
1984 11 26															
O = 03 35 37.8 +/- 0.15 SEC															
LAT = 30.33 N +/- 1.97 KM															
LONG = 79.15 E +/- 2.13 KM															
DEPTH = 31 KM +/- 0.13 KM															
mb(NEIS) = 4.5															
STATIONS USED = 17, STAND DEV = 2.87 SEC															
KSH	9.5	344	P	03 37 55.2	- 0.1										
			S	03 39 37.0	- 5.0										
WMQ	15.1	24	EP	03 39 14.0	3.4										
GTA	19.2	56	EP	03 39 59.2	- 2.9										
CD2	21.2	82	EP	03 40 22.4	- 0.7										
GYA	24.5	92	EP	03 41 02.0	6.3										
XAN	25.4	73	EP	03 41 08.9	4.2										
1984 11 26															
O = 04 56 40.4 +/- 0.16 SEC															
LAT = 6.45 S +/- 1.35 KM															
LONG = 155.72 E +/- 0.29 KM															
DEPTH = 173 KM +/- 1.56 KM															
mb(NEIS) = 5.0															
STATIONS USED = 52, STAND DEV = 1.29 SEC															
NJ2	52.0	319	PC	05 05 35.5	1.3										
WHN	54.1	315	EP	05 05 50.4	0.8										
TIA	55.8	322	EP	05 06 01.6	- 0.4										
			XP	05 06 58.8	- 1.7										
MDJ	56.0	337	EP	05 06 03.5	- 0.2										
CN2	57.0	334	PC	05 06 10.0	- 0.8										
GYA	57.7	306	PC	05 06 16.0	0.3										
BJI	58.9	325	EP	05 06 23.0	- 0.8										
TIY	59.6	320	P	05 06 29.0	0.0										
XAN	59.8	315	EP	05 06 29.6	- 0.7										
CD2	62.0	309	P	05 06 45.2	0.1										
HHC	62.1	323	IPC	05 06 46.1	0.4										
GTA	68.8	316	P	05 07 29.4	0.6										
1984 11 26															
O = 07 25 43.2 +/- 0.09 SEC															
LAT = 6.20 S +/- 1.10 KM															
LONG = 154.82 E +/- 1.40 KM															
DEPTH = 70 KM +/- 0.37 KM															
mb(NEIS) = 5.6															
STATIONS USED = 76, STAND DEV = 1.03 SEC															
QZH	46.9	312	EP	07 34 09.0	0.0										
GZH	49.9	307	IPD	07 34 34.0	1.9										
QZN	50.9	300	PD	07 34 41.3	1.5										
NJ2	51.2	320	EP	07 34 42.8	0.8										
WHN	53.3	315	EP	07 34 57.8	0.4										
DL2	54.4	328	EP	07 35 05.5	- 0.3										

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
TIA	55.0	322	PC	07 35 09.0	- 1.4			HHC	2.1	278	PN	01 54 56.6	0.3		
MDJ	55.4	338	EP	07 35 12.4	- 1.0						SN	01 55 25.4	4.0		
CN2	56.4	334	EP	07 35 18.8	- 1.5						S <sub>m</sub> N		ML=3.9	0.6	0.8
			ES	07 43 05.0	0.7						S <sub>m</sub> E			0.6	1.0
			LE			14.0	0.4	TIY	3.2	207	EPN	01 55 12.3	0.0		
GYA	56.8	307	P	07 35 24.0	0.5						SN	01 55 56.6	6.8		
BJI	58.2	325	P	07 35 32.0	- 0.7						S <sub>m</sub> N		ML=4.4	0.8	1.2
TIY	58.9	321	EP	07 35 35.0	- 2.6						S <sub>m</sub> E			0.6	1.3
XAN	59.0	315	IPC	07 35 37.9	- 0.8			BTO	3.2	271	PN	01 55 12.6	- 0.3		
			S	07 43 40.0	1.4						SN	01 56 00.2	9.3		
KMI	59.4	303	EP	07 35 42.0	0.3						S <sub>m</sub> N		ML=4.4	0.8	1.6
CD2	61.2	310	IPC	07 35 53.6	0.2						S <sub>m</sub> E			0.8	0.8
			P <sub>m</sub> Z			0.6	0.06	TIA	4.9	151	EPN	01 55 37.8	1.4		
HHC	61.4	323	P	07 35 54.1	- 0.6						S <sub>m</sub> N		ML=4.0	0.8	0.2
BTO	62.1	322	EP	07 36 00.8	1.0						S <sub>m</sub> E			0.8	0.2
LZH	63.6	315	PC	07 36 10.0	0.1			DL2	5.9	104	EPN	01 55 59.8	0.2		
			P <sub>m</sub> Z			2.5	0.2				ESN	01 56 51.8	- 6.3		
GTA	68.0	316	IPC	07 36 38.7	0.6						S <sub>m</sub> N		ML=3.8	1.0	0.09
WMQ	78.1	317	EP	07 37 38.0	0.8						S <sub>m</sub> E			0.8	0.05
KSH	85.3	310	EP	07 38 16.0	1.1			XAN	7.8	214	EPN	01 56 09.9	- 7.2		
											LG	01 58 23.0			
								GTA	11.2	268	EP	01 57 02.3	- 1.3		
											LG <sub>1</sub>	02 00 08.3	- 5.1		
1984 11 26															
O=21 30 34.9 +/- 0.12 SEC															
LAT=30.38 N +/- 1.02 KM															
LONG=138.07 E +/- 0.35 KM															
DEPTH=452 KM +/- 1.26 KM															
mb(NEIS)=4.4															
STATIONS USED=14, STAND DEV=0.60 SEC															
MDJ	15.7	337	PD	21 33 54.5	- 0.1										
SNY	16.3	318	IPC	21 34 01.1	0.2										
CN2	16.7	326	PD	21 34 05.2	0.3										
XAN	24.9	286	EP	21 35 21.5	- 0.6										
GYA	27.9	269	P	21 35 48.2	- 0.3										
CD2	29.5	279	P	21 36 02.4	0.0										
1984 11 27															
O=01 54 23.0 +/- 0.16 SEC															
LAT=40.58 N +/- 2.01 KM															
LONG=114.27 E +/- 1.72 KM															
DEPTH=32 KM +/- 0.02 KM															
ML(CHINA)=4.2/16															
STATIONS USED=19, STAND DEV=3.29 SEC															
BJI	1.6	109	PN	01 54 50.0	1.4										
			SN	01 55 11.5	3.7										
			S <sub>m</sub> N		ML=4.8	0.5	13.1								
			S <sub>m</sub> E			0.5	10.0								
1984 11 27															
O=01 58 24.3 +/- 0.12 SEC															
LAT=40.72 N +/- 1.23 KM															
LONG=114.33 E +/- 1.31 KM															
DEPTH=32 KM +/- 0.13 KM															
ML(CHINA)=4.0/14															
STATIONS USED=9, STAND DEV=3.79 SEC															
BJI	1.6	115	PN	01 58 51.0	0.9										
			SN	01 59 12.5	2.9										
			S <sub>m</sub> N		ML=4.8	0.5	12.0								
			S <sub>m</sub> E			0.5	13.7								
HHC	2.1	274	PNC	01 58 59.2	1.2										
			SN	01 59 26.3	3.0										
			S <sub>m</sub> N		ML=3.9	0.6	0.6								
			S <sub>m</sub> E			0.8	1.1								
BTO	3.3	269	EPN	01 59 19.8	4.0										
			SN	02 00 01.2	7.7										
			S <sub>m</sub> N		ML=4.1	0.8	0.7								
			S <sub>m</sub> E			0.8	0.4								
TIY	3.3	206	PN	01 59 18.4	2.7										
			SN	01 59 58.4	3.5										
			S <sub>m</sub> N		ML=4.2	0.8	0.8								



November

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			$S_mE$			0.6	0.8	<b>STATIONS USED=97, STAND DEV=2.18 SEC</b>							
TIA	5.0	153	PN	01 59 47.2	7.9			QZH	18.1	342	PR	23 38 12.0	- 1.3		
			SN	02 00 49.9	13.5						$P_mZ$			6.0	19.0
			$S_mN$	ML=3.9		0.9	0.2				S	23 41 30.0	- 8.5		
			$S_mE$			0.9	0.2				XS	23 41 44.0	- 1.8		
DL2	5.9	05	EPN	01 59 52.2	0.4						LN	Ms=5.4		15.0	15.2
			SN	02 00 50.0	- 9.3			QZN	18.1	310	IPR	23 38 14.0	0.4		
			$S_mN$	ML=3.8		0.8	0.07				$P_mN$			9.0	3.8
			$S_mE$			0.8	0.06				$P_mE$			9.0	4.8
											$P_mZ$			9.0	7.7
											ES	23 41 30.0	- 8.9		
											XS	23 41 49.0	2.8		
											LN	Ms=5.8		14.0	25.3
											LE			15.0	22.5
								GZH	18.6	326	PR	23 38 21.0	0.5		
											$P_mN$			7.5	5.2
											S	23 41 54.0	6.0		
											LN	Ms=5.6		15.0	18.7
											LE			15.0	12.3
								SSE	23.5	353	PC	23 39 12.3	0.7		
											$P_mN$			5.0	3.8
											$P_mZ$			5.0	10.9
											S	23 43 26.0	4.1		
											$S_mN$			8.0	27.0
											$S_mE$			8.0	17.0
											XS	23 43 48.0	17.3		
											SS	23 44 02.0	- 6.1		
											LE	Ms=5.8		19.0	30.5
								WHN	24.6	338	P	23 39 24.0	1.5		
											ES	23 43 38.0	- 3.2		
											$S_mE$			8.0	9.5
											XS	23 43 58.0	7.9		
											LN	Ms=5.7		14.0	13.1
											LE			14.0	13.7
								NJ2	24.8	348	PR	23 39 24.5	0.3		
											$P_mZ$			5.0	4.2
											S	23 43 38.0	- 6.3		
											$S_mN$			14.0	7.6
											$S_mE$			14.0	10.1
											LN	Ms=5.5		11.5	8.1
								KMI	27.0	312	IPR	23 39 45.0	0.2		
											$P_mZ$			5.0	1.0
											S	23 44 16.0	- 4.8		
											LN	Ms=5.8		14.0	19.6
								TIA	29.2	347	PC	23 40 03.8	- 0.6		
											S	23 44 52.0	- 3.8		

1984 11 27

O=13 41 03.8 +/- 0.11 SEC

LAT=28.75 S +/- 2.36 KM

LONG=177.40 W +/- 2.27 KM

DEPTH=85 KM +/- 1.32 KM

mb(NEIS)=5.1

STATIONS USED=44, STAND DEV=1.90 SEC

NJ2	85.6	310	PD	13 53 36.4	1.7		
MDJ	87.6	325	EP	13 53 40.5	- 3.9		
WHN	87.8	306	EP	13 53 48.0	2.6		
SNY	88.9	320	EP	13 53 49.6	- 0.9		
CN2	89.2	322	EP	13 53 51.0	- 0.9		
TIA	89.2	312	EP	13 53 53.2	0.9		
TIY	93.2	311	E(P)	13 54 08.3	- 2.3		
XAN	93.5	307	P	13 54 14.2	1.9		
KMI	93.6	296	EP	13 54 15.5	3.0		

1984 11 27

O=18 51 06.7 +/- 0.07 SEC

LAT=36.47 N +/- 0.65 KM

LONG=70.35 E +/- 0.90 KM

DEPTH=196 KM +/- 0.52 KM

mb(NEIS)=4.6, ML(CHINA)=4.7/1

STATIONS USED=15, STAND DEV=1.22 SEC

KSH	5.4	54	P	18 52 28.0	1.4		
			S	18 53 30.0	1.4		
			$S_mN$	ML=4.7		0.4	0.9
			$S_mE$			0.3	0.6
WMQ	15.1	55	EP	18 54 32.2	- 0.1		

1984 11 27

O=23 34 00.3 +/- 0.14 SEC

LAT=7.65 N +/- 2.45 KM

LONG=124.37 E +/- 3.50 KM

DEPTH=10 KM +/- 0.41 KM

Ms(CHINA)=5.7/31, Msz(NEIS)=5.7, mb(NEIS)=5.8



STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
WMQ	12.0	355	IPC	00 32 23.5	- 0.5						LN		Ms=5.0	15.0	2.5
CD2	12.6	90	P	00 32 32.2	0.6			MDJ	32.1	339	EP	08 48 40.5	0.3		
KMI	13.8	115	EP	00 32 47.5	0.4						S	08 53 55.0	3.5		
GYA	16.3	104	P	00 33 19.6	- 0.2						SS	08 56 00.0	16.8		
			S	00 36 13.0	- 6.2						LE		Ms=5.2	30.0	6.8
			LN		Ms=4.3	13.0	1.2	SNY	32.2	330	EP	08 48 40.0	- 1.4		
XAN	16.8	77	EP	00 33 24.3	- 2.3						PP	08 49 44.0	- 3.9		
TIY	20.1	66	EP	00 34 04.1	- 1.2						S	08 53 48.0	- 5.7		
HHC	20.2	57	EP	00 34 07.6	0.8						LN		Ms=5.2	30.0	5.8
WHN	21.7	86	EP	00 34 20.7	- 0.9						LE			24.0	4.8
TIA	23.6	71	EP	00 34 45.7	4.6			TIA	32.2	315	EP	08 48 41.4	- 0.1		
											EPP	08 49 45.0	- 3.0		
											ES	08 53 51.5	- 2.4		
											S <sub>m</sub> N			13.0	1.4
											S <sub>m</sub> E			15.0	2.2
											SS	08 55 40.5	- 6.3		
											LN		Ms=5.3	18.5	3.2
											LE			15.5	3.8
								CN2	33.0	334	EP	08 48 48.0	0.3		
											ES	08 54 02.0	- 3.0		
											S <sub>m</sub> N			7.0	0.9
											LN		Ms=5.1	15.0	2.8
								QZN	33.3	281	EP	08 48 50.0	- 0.4		
											PP	08 50 00.0	- 1.2		
											PP <sub>m</sub> Z			8.0	1.4
											S	08 54 12.5	2.6		
											LN		Ms=5.2	16.0	3.2
											LE			15.0	1.8
								BJI	35.1	320	EP	08 49 05.5	- 0.5		
											EPP	08 50 20.0	- 3.9		
											ES	08 54 36.0	- 1.9		
											S <sub>m</sub> N			11.0	0.8
											LE		Ms=4.5	12.0	0.6
											LN		Ms=5.0	15.0	1.8
								TIY	36.2	314	EP	08 49 15.2	- 0.6		
											P <sub>m</sub> Z			6.0	0.9
											S	08 55 00.0	4.2		
											S <sub>m</sub> N			12.0	1.7
											S <sub>m</sub> E			12.0	2.1
											LN		Ms=5.4	16.0	2.2
											LE			17.0	4.9
								GYA	37.0	294	P	08 49 23.6	1.4		
											S	08 55 03.0	- 4.4		
											LN		Ms=5.1	16.0	1.4
											LE			16.0	2.4
								XAN	37.2	307	PC	08 49 23.4	- 0.5		

STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			S	08 55 03.0	- 7.6			GYA	8.6	89	PR	10 31 30.0	1.6		
			S <sub>m</sub> N			12.0	1.8				S	10 33 04.0	- 2.3		
			S <sub>m</sub> E			14.0	4.2				LG <sub>2</sub>	10 34 00.0	- 5.3		
			LN		Ms=5.3	19.0	3.1				LN		Ms=5.8	8.0	44.2
			LE			16.0	2.4				LE			8.0	22.4
HHC	38.4	318	EP	08 49 34.6	0.2			LZH	11.0	29	PD	10 32 01.5	- 0.6		
BTO	39.3	317	IPC	08 49 42.3	0.6						P <sub>m</sub> Z			2.0	0.9
KMI	40.3	291	PU	08 49 51.0	1.1						LG	10 34 59.0			
			P <sub>m</sub> Z			6.0	0.5				LN		Ms=5.8	9.0	45.5
			PP	08 51 31.0	5.1			XAN	12.6	51	P	10 32 20.4	- 2.7		
			IS	08 55 57.0	- 0.7						S	10 34 46.0	1.6		
			S <sub>m</sub> E			8.0	1.3				LN		Ms=5.4	10.0	5.7
			LE		Ms=5.1	14.0	1.8				LE			10.0	16.5
CD2	40.4	300	P	08 49 51.2	0.5			GTA	12.9	9	P	10 32 26.0	- 1.6		
			ES	08 55 58.0	- 1.1						PP	10 32 39.0	1.6		
			SS	08 58 58.0	7.0						S	10 34 54.5	2.1		
			LN		Ms=5.7	24.0	11.7				LE		Ms=6.0	10.5	65.5
LZH	41.8	307	EP	08 50 04.0	1.6			OZN	14.0	120	P	10 32 43.0	1.3		
			P <sub>m</sub> Z			2.5	0.4				ES	10 35 23.0	4.9		
GTA	45.9	310	P	08 50 36.4	0.7						SS	10 35 45.0	11.6		
			S	08 57 14.5	- 5.4						LG <sub>2</sub>	10 37 07.0	3.3		
			LN		Ms=4.9	15.0	1.1	GZH	15.2	99	PU	10 32 55.0	- 2.2		
WMQ	55.9	313	IPC	08 51 51.2	0.2						AP	10 33 02.0	- 0.7		
			S	08 59 40.0	2.8						S	10 35 52.0	5.9		
KSH	64.0	306	EP	08 52 52.0	4.7						LN		Ms=6.1	9.0	49.4
			IS	09 01 29.0	6.3						LE			9.0	23.3
			S <sub>m</sub> E			7.0	2.0	WHN	15.7	71	EP	10 33 01.6	- 1.7		
											S	10 35 49.6	- 7.6		
											S <sub>m</sub> N			7.0	3.6
											LG	10 37 40.0			
											LE		Ms=5.9	12.0	46.4
								BTO	17.6	34	EP	10 33 26.9	- 0.7		
											S	10 36 35.0	- 12.8		
											LG <sub>2</sub>	10 38 55.0	- 6.2		
											LN		Ms=5.8	12.0	24.1
											LE			12.0	21.7
								HHC	18.6	36	P	10 33 39.4	- 0.4		
											S	10 37 07.0	- 1.7		
											LN		Ms=5.8	9.0	19.8
											LE			9.0	2.5
								WMQ	18.7	338	P	10 33 41.0	- 1.0		
											AP	10 33 51.0	3.5		
											S	10 37 09.5	- 1.2		
											XS	10 37 25.5	6.1		
											LN		Ms=5.5	11.0	9.2
											LE			11.0	9.2

1984 11 28

O = 10 29 21.5 +/- 0.12 SEC

LAT = 26.66 N +/- 2.13 KM

LONG = 97.06 E +/- 1.80 KM

DEPTH = 18 KM +/- 0.45 KM

Ms(CHINA) = 5.7/36, Msz(NEIS) = 5.7

mb(NEIS) = 5.9, ML(CHINA) = 5.4/2

STATIONS USED = 109, STAND DEV = 2.34 SEC

KMI	5.3	105	IPNU	10 30 46.0	3.2		
			P <sub>m</sub> Z			4.0	3.2
			SN	10 31 55.0	10.0		
			LG <sub>2</sub>	10 32 27.0	9.4		
			LE		Ms=5.6	8.0	60.3
CD2	7.2	52	PN	10 31 12.0	2.6		
			PG	10 31 41.0	7.4		
			SN	10 32 37.0	4.7		
			LG <sub>2</sub>	10 33 19.5	- 1.0		
			LE		Ms=5.9	6.0	58.6

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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	
QZH	19.5	90	EP	10 33 50.5	0.2			DL2	23.9	53	IPU	10 34 36.0	0.4			
			ES	10 37 18.0	- 5.6						P <sub>m</sub> Z			3.0	2.0	
			LG <sub>2</sub>	10 39 53.0	- 10.6						XP	10 34 50.0	4.3			
			LN		Ms=6.1	7.0	28.9				S	10 38 51.0	2.7			
TIA	19.6	55	PC	10 33 51.3	- 0.1						LN		Ms=5.7	14.0	12.1	
			AP	10 34 00.0	2.6						LE			15.0	11.6	
			PP	10 34 11.0	2.2			SNY	26.5	48	IPC	10 34 59.6	- 0.5			
			PCP	10 38 06.5	- 4.0						S	10 39 25.0	- 6.6			
			S	10 37 28.5	2.7						LN		Ms=5.5	18.0	4.0	
			S <sub>m</sub> N			9.5	2.6				LE			18.0	11.2	
			S <sub>m</sub> E			9.0	4.7	CN2	28.6	45	PC	10 35 18.4	- 1.0			
			XS	10 37 45.0	10.6						P <sub>m</sub> Z			5.0	1.2	
			SCS	10 45 20.2	- 4.7						S	10 40 02.0	- 3.9			
			LN		Ms=5.7	15.5	17.2				S <sub>m</sub> E			7.0	1.6	
			LE			10.0	10.7				XS	10 40 14.0	- 3.2			
NJ2	19.7	69	PC	10 33 53.0	- 0.3						SCP	10 42 07.0	- 1.8			
			P <sub>m</sub> Z			3.0	1.3				SCS	10 45 55.0	- 5.7			
			AP	10 34 02.0	2.6						LN		Ms=5.4	12.0	6.0	
			PP	10 34 13.0	1.8			MDJ	31.7	47	EP	10 35 45.3	- 1.1			
			S	10 37 32.0	2.4						S	10 40 50.0	- 4.1			
			LN		Ms=5.7	9.5	17.6				LE		Ms=5.2	20.0	5.4	
BJI	20.8	45	EP	10 34 04.0	- 0.2			<p>1984 11 28</p> <p><b>O = 11 59 41.6</b> +/- 0.14 SEC</p> <p><b>LAT = 7.71 N</b> +/- 2.32 KM</p> <p><b>LONG = 124.76 E</b> +/- 3.78 KM</p> <p><b>DEPTH = 32 KM</b> +/- 0.19 KM</p> <p><b>Ms(CHINA) = 5.0/25, Msz(NEIS) = 4.9, mb(NEIS) = 5.2</b></p> <p><b>STATIONS USED = 69, STAND DEV = 2.33 SEC</b></p>								
			EAP	10 34 10.5	- 0.1			QZH	18.1	341	EP	12 03 54.0	1.2			
			EPP	10 34 24.0	- 1.6						P <sub>m</sub> N			5.0	2.2	
			ES	10 37 53.0	2.5						P <sub>m</sub> E			5.5	1.8	
			S <sub>m</sub> N			6.0	0.7				P <sub>m</sub> Z			5.5	2.6	
			S <sub>m</sub> E			7.0	0.9				S	12 07 16.0	- 12.2			
			XS	10 38 05.0	4.3						S <sub>m</sub> N			7.0	1.2	
			ESCS	10 45 28.0	- 1.0						S <sub>m</sub> E			7.0	1.0	
			LN		Ms=5.3	10.0	6.8				LN		Ms=4.8	18.0	4.4	
SSE	21.6	72	IPU	10 34 12.0	- 0.5			QZN	18.3	309	P	12 03 59.0	3.4			
			P <sub>m</sub> N			1.5	0.2				S	12 07 21.0	- 7.9			
			P <sub>m</sub> E			1.5	0.9				LN		Ms=5.1	15.0	6.2	
			P <sub>m</sub> Z			1.5	1.5				LE			14.0	4.8	
			PP	10 34 36.0	- 0.2			GZH	18.8	325	PU	12 04 03.0	1.6			
			S	10 38 10.0	4.0						S	12 07 30.0	- 0.4			
			S <sub>m</sub> N			8.0	5.1				LN		Ms=4.9	15.0	4.4	
			S <sub>m</sub> E			8.0	3.8				LE			14.0	2.0	
			XS	10 38 21.0	4.4						SSE	23.5	352	EP	12 04 48.0	- 1.9
			SCP	10 41 43.0	- 6.0											
			PCS	10 41 48.0	- 3.2											
			LE		Ms=5.7	10.0	16.4									
KSH	21.7	311	IPR	10 34 17.0	2.7											
			IS	10 38 10.0	0.5											
			S <sub>m</sub> E			10.0	11.8									
			LE		Ms=6.0	14.0	46.1									

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
			EPP	12 05 20.0	- 1.8						LN		Ms=5.3	14.0	3.6
			S	12 09 02.0	3.8			BTO	35.3	340	EP	12 06 36.9	0.7		
			PCS	12 12 22.0	7.8			CN2	36.0	0	EP	12 06 41.0	- 0.7		
			LN		Ms=4.9	10.0	1.1				PP	12 08 11.0	7.7		
			LE			11.0	1.9				PP <sub>m</sub> Z			5.0	0.7
WHN	24.7	338	EP	12 05 02.2	0.5						ES	12 12 16.0	- 1.7		
			S	12 09 21.0	1.9						S <sub>m</sub> N			6.0	0.7
			S <sub>m</sub> N			9.0	1.9				LE		Ms=4.9	12.0	1.4
			LN		Ms=4.9	11.0	2.1	MDJ	37.0	5	EP	12 06 51.6	1.1		
NJ2	24.8	347	PC	12 05 04.4	1.6			GTA	38.7	328	P	12 07 04.8	- 0.1		
			S	12 09 29.0	7.9						ES	12 13 04.5	4.6		
			LN		Ms=4.7	11.0	1.3				LN		Ms=5.1	14.5	2.1
GYA	25.4	319	P	12 05 09.2	1.2			WMQ	48.4	324	IPC	12 08 23.0	0.0		
			S	12 09 34.0	3.7						ES	12 15 20.0	- 0.6		
			LN		Ms=5.3	16.0	6.8				LN		Ms=5.2	22.0	3.1
			LE			16.0	4.7	KSH	53.8	313	EP	12 09 08.0	3.5		
KMI	27.2	312	PC	12 05 24.5	- 0.9			1984 11 28							
			XS	12 10 08.0	- 7.3			O = 12 36 21.5			+/= 0.07 SEC				
			LE		Ms=5.1	15.0	4.2	LAT = 41.08 N			+/= 1.98 KM				
TIA	29.2	347	PC	12 05 42.3	- 0.7			LONG = 142.12 E			+/= 1.27 KM				
			PP	12 06 35.2	- 2.3			DEPTH = 79 KM			+/= 0.70 KM				
			ES	12 10 34.5	2.1			mb(NEIS) = 4.8							
			SS	12 11 45.0	-17.8			STATIONS USED = 50, STAND DEV = 1.43 SEC							
			LN		Ms=4.9	13.0	1.5	MDJ	9.9	295	EP	12 38 43.2	0.7		
			LE			13.0	1.0	CN2	12.6	287	EP	12 39 21.0	1.5		
XAN	30.0	333	EP	12 05 48.0	- 2.0			SNY	13.9	279	EP	12 39 38.3	1.6		
			ES	12 10 44.0	- 1.0			DL2	15.9	268	EP	12 40 03.5	2.1		
			LN		Ms=5.2	14.0	2.8	SSE	19.6	246	EP	12 40 43.0	- 3.0		
			LE			11.0	1.8	TIA	20.1	264	EP	12 40 48.9	- 2.5		
CD2	30.3	322	P	12 05 50.8	- 1.9			NJ2	20.7	251	PD	12 40 55.6	- 1.9		
			ES	12 10 44.0	- 5.8			BTO	24.2	279	EP	12 41 30.5	- 1.8		
			LE		Ms=5.3	19.0	7.4	WHN	24.8	253	E(P)	12 41 40.5	3.2		
TIY	31.9	341	EP	12 06 04.4	- 2.4			CD2	32.4	264	EP	12 42 45.0	- 1.5		
			S	12 11 17.0	2.2			GYA	32.6	254	EP	12 42 48.2	- 0.2		
			LN		Ms=4.9	20.0	7.7	KMI	36.3	256	EP	12 43 20.0	0.2		
			LE		17 5.4	20.0	2.5	WMQ	39.6	292	P	12 43 48.2	0.5		
BJI	33.1	347	EP	12 06 17.0	- 0.2			1984 11 28							
			ES	12 11 41.0	7.6			O = 19 35 00.2			+/- 0.20 SEC				
			LN		Ms=5.0	10.0	0.5	LAT = 24.54 N			+/- 3.20 KM				
			LE		4.9	18.0	1.8	LONG = 94.56 E			+/- 2.41 KM				
SNY	34.0	358	IPC	12 06 25.4	0.5			DEPTH = 38 KM			+/- 0.59 KM				
			S	12 11 49.0	1.7			mb(NEIS) = 4.9, ML(CHINA) = 4.4/7							
			LN		Ms=5.0	16.0	2.2	STATIONS USED = 45, STAND DEV = 3.36 SEC							
LZH	34.1	328	EP	12 06 25.5	- 0.6			KMI	7.5	83	IPD	19 36 51.0	1.4		
			P <sub>m</sub> Z			1.6	0.09								
			EXS	12 12 19.0	15.1										

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CD2	10.3	50	EP	19 37 27.8	- 1.3										
GYA	11.1	77	P	19 37 45.0	5.2										
QZN	15.2	108	EP	19 38 35.2	1.0										
GTA	15.5	15	EP	19 38 37.4	- 0.3										
XAN	15.7	49	EP	19 38 36.6	- 3.7										
WHN	18.5	66	EP	19 39 12.4	- 3.5										
WMQ	20.0	345	P	19 39 36.0	2.8										
TIA	22.6	53	EP	19 39 55.0	- 4.2										
NJ2	22.6	65	PD	19 39 54.8	- 4.5										
SSE	24.4	68	IPD	19 40 12.5	- 4.0										
			P <sub>m</sub> N			1.0	0.04								
			P <sub>m</sub> Z			1.0	0.07								
1984 11 29															
O = 05 24 38.5 +/- 0.07 SEC															
LAT = 4.94 S +/- 0.76 KM															
LONG = 151.48 E +/- 0.58 KM															
DEPTH = 169 KM +/- 0.52 KM															
mb(NEIS) = 5.0															
STATIONS USED = 23, STAND DEV = 0.87 SEC															
TIA	52.1	324	EP	05 33 33.5	- 0.1										
GYA	53.4	308	P	05 33 45.0	1.1										
XAN	55.8	317	P	05 34 00.7	- 0.4										
GTA	64.9	317	IPC	05 35 03.1	0.5										
1984 11 29															
O = 05 54 28.5 +/- 0.14 SEC															
LAT = 3.55 S +/- 1.73 KM															
LONG = 130.86 E +/- 4.25 KM															
DEPTH = 44 KM +/- 1.17 KM															
mb(NEIS) = 4.7															
STATIONS USED = 30, STAND DEV = 2.26 SEC															
SSE	35.7	345	EP	06 01 25.0	0.2										
WHN	37.4	336	EP	06 01 40.0	0.7										
GYA	37.9	323	P	06 01 49.0	5.1										
KMI	39.5	317	EP	06 01 59.5	2.6										
TIA	41.6	343	EP	06 02 13.1	- 1.1										
XAN	42.7	332	EP	06 02 22.8	- 0.8										
CD2	42.9	324	EP	06 02 27.4	2.2										
DL2	43.1	349	EP	06 02 27.0	0.5										
BJI	45.4	344	EP	06 02 45.0	- 0.3										
SNY	45.6	352	EP	06 02 45.9	- 1.1										
LZH	46.8	329	EP	06 02 57.0	0.5										
CN2	47.4	354	PD	06 03 00.4	- 0.3										
GTA	51.4	329	P	06 03 32.3	0.4										
WMQ	61.0	325	P	06 04 41.0	0.3										
1984 11 29															
O = 06 09 07.3 +/- 0.17 SEC															
LAT = 51.27 N +/- 1.99 KM															
LONG = 174.90 W +/- 0.98 KM															
DEPTH = 29 KM +/- 1.64 KM															
mb(NEIS) = 4.6															
STATIONS USED = 21, STAND DEV = 1.23 SEC															
CN2	40.0	283	(P)	06 16 40.0	- 1.4										
SNY	42.2	282	EP	06 16 56.7	- 3.1										
BJI	47.8	284	EP	06 17 45.0	0.6										
TI Y	51.5	284	EP	06 18 14.2	1.0										
XAN	56.1	283	EP	06 18 44.2	- 2.6										
CD2	61.4	284	EP	06 19 24.0	0.3										
1984 11 29															
O = 12 40 14.2 +/- 0.11 SEC															
LAT = 5.35 S +/- 1.99 KM															
LONG = 152.46 E +/- 2.27 KM															
DEPTH = 32 KM +/- 0.14 KM															
Ms(CHINA) = 5.1/12, Msz(NEIS) = 5.1, mb(NEIS) = 5.5															
STATIONS USED = 79, STAND DEV = 1.78 SEC															
QZH	44.6	313	EP	12 48 26.0	0.2										
SSE	47.0	322	EP	12 48 44.5	0.1										
			ES	12 55 36.0	3.0										
			PCS	12 54 06.0	- 4.0										
GZH	47.5	308	P	12 48 50.5	1.7										
			ES	12 55 49.0	8.1										
			LN											18.0	0.7
			LE											18.0	1.7
QZN	48.5	301	EP	12 48 57.0	0.9										
			S	12 55 51.5	- 2.6										
			LE											Ms = 5.1	18.0 1.8
NJ2	49.1	321	EP	12 49 00.8	0.1										
			S	12 56 07.0	4.5										
			LN											Ms = 5.2	18.0 1.4
			LE												19.0 1.7
WHN	51.0	316	EP	12 49 16.8	1.1										
			ES	12 56 28.0	- 1.7										
			LE											Ms = 5.4	18.0 2.0
TIA	53.0	324	EP	12 49 29.8	- 0.5										
			ES	12 56 56.4	0.1										
			LN											Ms = 4.8	15.5 0.7
MDJ	53.8	339	EP	12 49 35.0	- 1.7										
GYA	54.5	307	P	12 49 42.2	0.7										
CN2	54.7	336	EP	12 49 44.0	1.2										
			SCP	12 54 43.4	4.4										













STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$	STA. CODE	$\Delta$ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A $\mu$
			LN			15.0	1.5				LE			12.0	0.4
MDJ	25.1	12	EP	21 14 16.9	1.2			WMQ	37.3	317	P	21 16 02.7	0.0		
GTA	27.2	319	IP C	21 14 35.3	- 0.5			KSH	44.0	306	EP	21 17 02.0	3.5		
			AP	21 14 59.5	0.7						XP	21 17 39.0	3.2		
			S	21 19 04.5	- 1.1										
			SCP	21 21 20.6	- 1.0										